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# 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.

January 19, 1965

### AIR MAIL

Dr. Arturo Gonsalez-Mas Biology Department University of Puerto Rico Mayaguez, PUERTO RICO

Dear Dr. Gonzalez:

Thank you very much for the shipment of sedges which arrived some time ago when I was in Europe. We are glad to have the specimens as vouchers for your treatment of the Cyperaceae of Puerto Rico and they are being accessioned as a gift.

Using your publication, I have filled in the names on the labels. It would have been helpful to have a list of collections cited, which you mentioned was being prepared by a student, but which, so far as I know, we have never received.

You also suggest in your letter of August 5 to Dr. Stern the possibility of your visiting the herbarium next summer. We should be glad to see you, but, as you can see by the enclosed notice, we will be in the process of moving, and the collections might not be accessible.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Enclosure

January 28, 1965

Dr. Stephen M. Russell Department of Zoology The University of Arizona Tueson, Arizona 85721

Dear Dr. Russell:

At last I have finished naming the plants of British Honduras that you sent a year or so ago. I am keeping for our herbarium the following:

112. Calliandra houstoniana (Mill.) Standl .. sens. lat.

Hypericum styphelioides A. Rich. (= H. terra-firmse Sprague and Riley)

121. Pithecellobium donnell-smithii (Britt. & Rose) Standl.

125. Russellia sarmentesa Jacq. emend. Carlson

131. Cyrilla racemiflora L.

13h. Empedoclesia brachysiphon Sleumer ?

The remaining specimens, which duplicate material already well represented here, are being returned to you, with their names. Perhaps they will be welcomed at the University of Arizona herbarium.

Sincerely yours,

Velva E. Rudd Associate Curator

actually about the specimens, this we seem the specimens, which seems the seems of s

VERudd/ehl

January 28, 1965 Dr. U. T. Waterfall Department of Botany and Plant Pathology Oklahoma State University Stillwater, Oklahoma Dear Dr. Waterfall: We are sending you on loan an additional 11 sheets of Physalis, mostly unnamed, that have come in since the previous shipments to you. Included are two type photographs that you might not have had access to. As you can see by the enclosed notice, we shall be quite happy if you keep the material you have on loan until after our move to new quarters is completed. Sincerely yours. Velva E. Rudd Associate Curator Department of Botany Enclosures VERudd/chl Hunt Institute for Botanical Documentation

# February 5, 1965

Mr. Gary N. Ross Department of Entomology Louisiana State University Baton Rouge, Louisiana 70803

Dear Gary:

The Ecuadorean material arrived safely and although the specimens are not great, they provide some interesting records.

Following are a few names. The remaining specimens I am turning over to Dr. J. J. Wurdack, who is in charge of our South American collections.

- 22. Chladophora sp. (plus misc. other algae, etc.)
  Det. H. E. Robinson
- 53. Pontederia sp. ? Det. V. E. Rudd 55. Hymenachne donacifolia (Raddi) Chase
- Det. T. R. Soderstrom 56. Eichornia crassipes (Mart.) Solms
- Det. V. E. Rudd
- 58. Neckeropsis undulata (Hedw.) Reichd't Det. H. E. Robinson
- 59. Meteoropsis patula (Hedw.) Broth. Det. H. E. Robinson
- 76. Thelypteris megalodus (Schkuhr) Proctor Det. C. V. Morton
- 79. Ruellis sp. Det. D. C. Wasshausen
- 88. Cecropia sp. Det. V. E. Rudd 93. Bauhinia terapotensis Benth. Det. V. E. Rudd
- 96. Panicum trichoides Swarts Det. T. R. Soderstrom
- 668. Justicia sp. Det. D. C. Wasshausen
- 729. Inga sp. Det. V. E. Rudd

Thanks for the reprints.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

VERudd:alb

February 10, 1965

AIR FORM

-00F -

Dr. Otto Braun Servicio Agricola Interamericano La Paz, Bolivia

Dear Dr. Braun:

I shall be glad to look at your pasture legumes. The specimens should be pressed and dried and then be packed tightly. The package should be marked "Dried plant specimens; without commercial value" and addressed to "The Department of Botany, Smithsonian Institution, Washington, D.C. 20560. Attention: Velva E. Rudd."
You should not need any of the U.S. Plant Quarantine tags.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

# MICHIGAN STATE UNIVERSITY EAST LANSING

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

14 February 1965

Dr. Velva E. Rudd Department of Botany U. S. National Museum Smithsonian Institution Washington, D. C. 20560

Dear Velva:

Among the specimens we received in your loan 63-195 (?) (Registrar file no. 247205) are two specimens of <u>Jaegeria glabra</u> (Wats.) Robins., <u>Pringle 1295</u> (isotypes) which were labeled <u>Sabazia glabra</u>.

Dr. Andrew M. Torres of the University of Kansas has recently informed me that he would like to see these specimens in connection with his study of <u>Jaegeria</u>. We are not yet ready to return the <u>Sabazia</u> loan, so I am not sure how the specimens can be made a <u>Wailable</u> to him. Would it be all right for us to send the specimens directly to Torres, or can you suggest some other way for getting them into his hands?

Sincerely,

John H. Beaman

Joh N. Beamo

Associate Professor and Curator of the Beal-Darlington Herbarium

answered orally

# STANFORD UNIVERSITY STANFORD, CALIFORNIA

Department of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY

February 15, 1965

Dr. Velva Rudd Department of Botany U. S. National Museum Washington 25, D. C.

Dear Velva:

I wonder if you would be willing to review the following short article which has been submitted for publication in BRITTONIA: Wemple, D. K. and N. R. Lersten "An interpretation of the flower of <a href="Petalostemon">Petalostemon</a> (Leguminosae)". I think that if you could find the time to do it you would find the article of considerable interest. If you feel that you are able to take it on let me know and I will send it off to you.

With all good wishes, I am,

Yours sincerely,

Peter H. Raven Editor-in-Chief BRITTONIA

PHR: pb



# MINISTERIO DE AGRICULTURA SERVICIO AGRICOLA INTERAMERICANO BOLIVIA

La Paz, February 15, 1965

Messrs. U.S.National History Museum Division of Phanerogams Washington 25, D.C. USA

### Gentlemen;

With reference to my last letter from January 29, directed to your Miss Yelma Rudd, I ask you now to have the kindness to send me a copy of the names of the 33 legume forage plants, which you identified 1964 for our friend Mr Arthur T. Semple, Instituto Interamericano de Ciencias Agricolas, Turrialba, C.A. from the herbary, which he collected together with me during his stay in the tropical Beni department, Bolivia.

I had the great pleasure to meet Mr. Semple again last month at the International Pasture Congress at Sao Paulo.

Thanks.

Sincerely yours,

Pastures Specialist

In full a copy Pebruary 16, 1965 Dr. Bassett Maguire The New York Botanical Garden Bronx Park New York, New York 10458 Dear Bassett: Thank you for the 810 plant specimens from Puerto Rice that you recently sent in continuation of exchanges. Please express our appreciation to Brother Alain for his fine collections. Sincerely yours, Valva E. Rudd Associate Curator Department of Botany VERudd/chl Hunt Institute for Botanical Documentation

February 17, 1965

Dr. Peter H. Raven Department of Biological Sciences Division of Systematic Biology Stanford University Stanford, California

Dear Peter:

I am interested to see what Wemple and Lersten have to say about the Petalostemon flower so will be glad to review their paper. Send it along.

Greetings to all.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

# AMERICAN SOCIETY of PLANT TAXONOMISTS

Division of Systematic Biology Stanford University Stanford, California

February 19, 1965

Dr. Velva E. Rudd Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Velva,

Enclosed is the manuscript you kindly agreed to review. I hope that you will indeed find it of interest. I shall certainly appreciate your comments on its suitability for publication in BRITTONIA, as well as any suggestions that you might have for its improvement. Minor comments can be written directly on the manuscript in pencil.

I hope everything is going well with you--I imagine you are all looking forward to getting into your new quarters!

Yours sincerely,

Peter H. Raven Editor-in-Chief BRITTONIA

PHR: pb

February 19, 1965 Dr. Reid Moran Natural History Museum Balboa Park P. O. Box 1390 San Diego 12, California Dear Reid: In reply to your request of 2 February we are sending on loan for study by Mrs. Mudie 187 sheets of Lotus. Included are 3 types and 8 isotypes. Annotations will be appreciated, especially on the few "indet" sheets I slipped I was not certain from your letter just how much material of the various species you wanted so I have made a selection, especially of specimens from your general vicinity. If you wish to have more, please let me know. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

February 19, 1965

### AIR MAIL

Dr. Otto Braun Servicio Agricola Interamerican Ministerio de Agricultura La Paz, BOLIVIA

Dear Dr. Braun:

Enclosed is a copy of my list of determinations of Mr. Semple's collections of Bolivian legumes, as requested in your letter of February 15.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Enclosure

February 24, 1965

Dr. Peter H. Raven Division of Systematic Biology Stanford University Stanford, California

Dear Peter:

The Petalostemon mss. by Wemple and Lersten is very interesting and I should like to see it published in Brittonia. We could use more studies of that sort.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany

VERudd/ehl

March 1, 1965

### AIR LETTER

Dr. José de Js. Jiménez Calle Máximo Gémez 34 Santiago de Los Caballeros Dominican Republic, WI

Dear Dr. Jiménez:

The piece of plant you sent to Lyman has been found -on my desk. Apparently it arrived about Christmas time,
when I was away, and was put with other papers on my desk.

The leaves compare very well with material of Corallocarpus emetocatharticus (Gros.) Cogn. We have specimens, none very good, from Puerto Rico, Venezuela, and Mexico. It would be nice to have a good sheet from the Dominican Republic.

I am sorry that you had to wait so long for an answer.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

# ESCUELA NACIONAL DE AGRICULTURA

COLEGIO DE POST-GRADUADOS

CHAPINGO, MEX. Harch 5, 1965

Head Curator United States National Herbarium Smithsonian Institution Washington 25, D. C.

I have been requested to formulate a general report on the flora of Mexico and Central America. For this reason I would like to have a general statement form that institution in regard to the following points:

- a) approximate number of <u>exsicosts</u> of mexicen and Central American flowering plants depos<u>t</u> ted there;
- taxonomic groups represented by a larger num ber of exsionata.
- c) regions most represented;
- d) taxonomic studies underway involving the mexican and Central American flore;
- e) plans for plant exploration in the area.

Ing. Efraím Hernandez Xolocotzi. Presidenta de la Bama de Botánica

moltono side

# AMERICAN SOCIETY of PLANT TAXONOMISTS

Division of Systematic Biology Stanford University Stanford, California

March 9, 1965

Dr. Velva E. Rudd Department of Botany Smithsonian Institution U. S. National Museum Washington, D. C. 20560

Dear Velva:

Many thanks for your review of the paper on <u>Petalostemon</u> by Wemple and Lersten. I am very glad to have your opinion and the paper will certainly be accepted for publication.

With very best wishes, I am,

Yours sincerely,

Peter H. Raven Editor-in-Chief BRITTONIA

PHR: pb

# NATURAL HISTORY MUSEUM

BALBOA PARK • SAN DIEGO, CALIFORNIA MAILING ADDRESS: P. O. BOX 1390, ZONE 12

FOUNDED AND OPERATED BY
THE SAN DIEGO SOCIETY OF NATURAL HISTORY
INCORPORATED 1874

12 March 1965

Dr. Velva Rudd Smithsonian Institution

Dear Velva:

Thanks for the loan of <u>Lotus</u>, received here in good condition. The invoice is <u>enclosed</u>. Although four announcements of a moratorium on receipt of specimens did not specifically mention returning loans, I take it that there would be no necessity of returning this one before 31 Oct.

Mrs. Mudie says she is quite happy with your selection of material. Originally she meant <u>all</u> of your material, but she is beginning to feel a bit snowed. She is very industriously compiling statistics from the specimens but finds it rather time consuming!

Sincerely yours,

Reid Moran

March 16, 1965

Dr. Stephen M. Russell Department of Zoology The University of Arizona Tucson, Arisona 85721

Dear Dr. Russell:

At last I have finished naming the plants of British Honduras that you sent a year or so ago from Louisiana State University. I am listing names for these below and hope that they will be of value to you in your studies.

Curatella americana L.

- 101. Paurotis wrightii (Griseb. & Wendl.) Britt. ex Britt. & Shafer
- Chomelia protracta (Bartl.) Standley (= Anisomeris protracta 102. (Bartl.) Standl.)
- 104. Rhynchospora globosa (H.B.K.) R. & S.
- 107. Rhynchospora barbata (Vahl) Kunth
- 108. Polygala longicaulis H.B.K.
- 109. Rhymchospora globosa (H.B.K.) R. & S.
- 110. Byrsonima crassifolia (L.) DC. 111. Gliricidia sepium (Jacq.) Steud.
- 112. Calliandra houstoniana (Mill.) Standl., sens. lat.
- 113. Rhynchospora plumosa Ell. vel aff. 116. Bulbostylis junciformis (H.B.K.) Lindm.
- 117. Polygala sp. 117. Nemastylis sp.? 117. Cassia tagera L.
- 117. Rhynchospora cypercides (Sw.) Mart.
- 118. Zornia reticulata Sm.
- 118. Curculigo scorzonerifolia (Lam.) Baker
- 119. Quercus olecides Schl. & Cham. 119. Byrsonima crassifolia (L.) DC.
- 120. Hypericum styphelicides A. Rich. (= H. terra-firmae Sprague & Riley)
- 121. Pithecellobium donnell-smithii (Britt. & Rose) Standl.
- 122. Rhynchospora torresiana Standl. 123. Quercus oleoides Schl. & Cham.
- 124. Ternstroemia tepesapota Schl. & Cham.
- 125. Russellia sarmentosa Jacq. emend. Carlson

126. Clusia flava Jacq.

127. Ilex guianensis (Aubl.) Kuntze

128. Miconia prosina (Sw.) DC. det. John J. Wurdack 129. Miconia albicans (Sw.) Tr. det. John J. Wurdack 130. Clidemia rubra (Aubl.) Mart. det. John J. Wurdack

131. Cyrilla racemiflora L.

133. Rhynchospora globosa (H.B.K.) R. & S. 133. Rhynchospora plumosa Ell. vel aff. 134. Empedoclesia brachysiphon Sleumer? 135. Bubostylis paradoxa (Spreng.) Lindm.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

P.S. I am keeping for our herbarium the following: #112, 120, 121, 125, 121, 134. The remaining specimens, which duplicate material already well represented here, are being returned to you. Perhaps they will be welcomed at the University of Arizona herbarium. V.R.

WERudd:vb

### AIR MAIL

Ing. Efraím Hernández Xolocotzi Escuela Nacional de Agricultura Colegio de Post-graduados Chapingo, Estado Mexico, MEXICO

#### Estimado Ephraim:

What a formidable questionnaire you have sent us, and it has been given to me to answer. The best we can do is to give you rough estimates of what we have in flowering plants from Mexico and Central America.

- a) approximately 400,000 exsiccatae (i.e., perhaps one-fifth of a total of 2 million sheets).
- as to taxonomic groups, we have a good representation, therefore, our largest groups are the largest Mexican families, such as Compositae, Leguminosae, Gramineae, etc.
- c) regions most represented: Mexico, Costa Rica, and Panama, and quite a bit from all others except Micaragua, which is least well represented.
- d) taxonomic studies underway: Gramineae (Soderstrom),
  Bambusoideae (McClure), Bromeliaceae (Smith), Cecropia
  (Cuatrecasas), Papaweraceae and Loasaceae (Ernst),
  Leguminosae (Rudd), Begonia (Smith), Melastomataceae
  (Wurdack), Acanthaceae (Wasshausen), Campanulaceae
  (Shetler), Compositae (Cuatrecasas, Parker).
- e) plans for plant exploration in Mexico and Central America: no particular plans although some of us might make brief visits; we are mostly willing to work on the vast collections already available.

A project that is being considered and that might involve Northern Mexico is a Flora of North America on the scale of Flora Europaea. It is still in the think stage and your comments would be appreciated.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

March 17, 1965

### AIR LETTER

Table 17

Dr. Otto Braun Ministerio de Agricultura Servicio Agricola Interamericano La Paz, BOLIVIA

Dear Dr. Braun:

The 20 plant specimens arrived safely and I will name them for you as soon as possible.

By surface mail I am sending you a few of my reprints which might be helpful to you.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Dr. JOSE DE JS. JIMENEZ

Calle Máximo Gomes 34

EANTIAGO DE LOS CABALLEROS

REPUBLICA DOMINICANA

P-2888

March 22nd., 1965

Miss Velva E. Rudd Smithonian Institution Washington. D. C. Dear Miss Rudd:

Thanks a lot for your letter of March 1 inst. confirming my identification of Corallocarpus emetocatharticus. This is a plant very common in certain areas in our country. It is something very, very curious how not any collector, even me, did not come across with it.

I am trying to get good material to press and send you what would be, perhaps, our first record of it. Thus, we are discovering many of the links that unite our flora to other antillean ones.

Thanks also for the beautiful labels you sent to me. I ave a processe of plants coll, by Frof. Marcano in la Busilla and lico Duarte. It see ones bear no labels because the latter arrive very late. I am sorry to say that these plants bear no many data because Frof. Marcano was not prepared for the cold of the tremendous altitude and had to hurry himself to get down after he had collected whatever was on the mountain. I added some of my identifications.

Later on I will add labels and more details along with my names. I think that in that way I would help you in identifying our plants.

Grateful as ever I remain your very truly

in a f

P. S. - Kindert regards to Mr. Cowan my might

Hunt Institute for Botanical Documentation

# THE NEW YORK BOTANICAL GARDEN BRONX NEW YORK 10458 LU 4-8500

March 29, 1965

Dr. Lyman B. Smith, Curator Division of Phanerogams Smithsonian Institution U. S. National Museum Washington, D. C. 20560

Dear Lyman:

Undoubtedly the procedure that you suggest with respect to Dr. Jimenez' plants is the best one. Although Brother Alain is not here, I am sure that he would be in agreement.

At your convenience, then, it would be helpful to receive from you, on a long-term loan, this series of plants.

With all best regards,

Sincerely,

B. T

Bassett Maguire Head Curator

BM:gg

March 30, 1965

Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina

Dear Bob:

As requested in your letter of March 22 to Dr. Stern we are sending you on loan, for study by Mr. Stone, 2 sheets of <u>Engelhardtia</u> and 28 sheets of <u>Alfaroa</u>, including the types of 3 species (4 sheets) and 1 isotype. Unfortunately, all our material of <u>Engelhardtia</u>, except for these two recently mounted sheets, was sent to Stockholm for Mr. Hans Tralau.

not list. Rekamuseum

Sincerely yours,

9-st. 1964 81

Velva E. Rudd Associate Curator Department of Botany

VERudd:alb

Department of Botany April 2, 1965

Dr. Jose de Js. Jimenez Galle Maximo Gomez 37 Santiago de los Caballeros Dominican Republic

Dear Dr. Jimenez:

I have been trying to do a "roundup" on all your unidentified specimens, including those that Mr. Leonard did not get to. There is one lot that you sent, probably in about 1960 for which I can find no data. The numbers on the specimens are 4078-4178. Could you please send me another list, or better yet, labels for those numbers?

Among the lot is #4091, which is <u>Ateleia summifera</u> (DC.) D.Dietr, sometimes referred to <u>A. cubensis</u> Griseb., or <u>A. summifera</u> var. <u>cubensis</u> (Griseb.) Mohl. The genus <u>Ateleia</u> is fairly interesting in your country. I hope you find some more. Do you knoe the fruits ? They are shaped like t his:

I am also looking to see if there are more of your unicates among Mr. Leonard's left-overs, so I can return them all to you at once.

Sincerely yours,

Velva E. Rudd Associate Curator

April 14, 1965

Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina

Dear Bob:

Sorry to hear that our counts on your Engelhardtia Alfaroa loan do not agree. We no longer keep a record of
the sheet numbers, except for type material, so I cannot
check your list against ours. It is very possible that our
packer made a miscount and we will accept your word for the
total of 28 instead of 30 specimens.

As to Dr. Tralau's intentions, he gave no clue as to his reasons for borrowing our material. Best you write to him. According to Index Herbariorum he is with the Palaeobotanical Department of the Naturhistoriska Riksmuseum, Stockholm.

I hope the Helianthemum loan arrives safely, and with a correct count.

Our moving date has been advanced to May 10 so we are in a frenzy of tying bundles and other odd jobs.

Season's greetings.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany Les. Redd is Egy

April 20, 1965

AIR MAIL

Dr. José de Js. Jiménez Calle Máximo Gómez 3h Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear Dr. Jiménez:

The plants arrived safely and some day I hope to send you names for these as well as the specimens you sent to Mr. Leonard a few years ago. You may have heard that Brother Alain wants to do a Flora of Hispaniola, now that the "Flora de Cuba" is completed, so I expect to get some help from him on naming the material.

There will be a delay in returning your unicates. The date for moving the herbarium to new quarters has been advanced to May and everyone is busy getting cases fumigated, bundles tied securely, etc. No packages will be sent out until the chaos is over, hopefully, in two or three months.

Best wishes and season's greetings.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany

April 21, 1965

Dr. Baseett Maguire
The New York Botanical Garden
Bronx Park
New York, New York 10h58

Dear Bassett:

By the time I got the word on lending Jimenez' plants to you for Brother Alain it was too late to send any more packages. Besides, nothing actually is ready to be sent. The mounted material already was filed in the herbarium where it will be available, along with the collections of Leonard, Allard, and others, when Brother Alain visits us or requests material of certain taxa. The remaining specimens, about 500-600, are in various stages of limbo between arrival and mounting. When I can, I shall send the material on to you.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany



nes.

# INSTITUTO POLITECNICO NACIONAL ESCUELA NACIONAL DE CIENCIAS BIOLOGICAS

APARTADO POSTAL NUM. 19186 MEXICO, D. F.

LABORATORIO DE BOTANICA FANEROGAMICA

April 25, 1965.

Dr. Velva E. Rudd Department of Botany U.S. National Museum Smithsonian Institution Washington, D.C. 20560

Dear Dr. Rudd:

Thank you for your kind letters of March 31, and April 9. I am glad to know that the specimens arrived in good conditions and that Myroxylon material was of some use.

Myrospermum frutescens seems to be a rather rare plant; I am afraid that it will not be easy to find it. I have seen Miranda's specimen and it is a sterile branch. Do you have any idea in what season is the tree it. I flower and in fruit?

It is very good to know that you are really working on a general revision of Mexican Leguminosae. This is one of our less known families and you will do us a big service with such a contribution. Would you care to receive any material for identification?

Concerning the idea of a"flora of North America", I think that it is an excellent project. The inclusion of northern Mexico has to be thought seriously over, as important areas are still rather poorly explored and will require quite an effort to reach a stage of botanical knowledge that could be compared to that of the U.S. and Canada. Such flora will be however very useful to us and it should be strongly encouraged. If you decide to cover parts of Mexico in it, I will be glad to collaborate in some aspects and to attend the meeting in Washington. I have plans for a longer field trip in September but a later date will be convenient.

The situation at the Instituto de Biología is not very satisfactory. Dr. Miranda's position has not been covered, and Prof. Matuda and Miss Ramírez Cantú may retire in this year. This may cause a temporary collapse. Perhaps Gómez Pompa will soon get his degree and enter the staff, but it can take some time.

Have a pleasant move.

Sincorely yours,

Hunt Institute for Botanical Documentation



LPZ-INV-85/65

## MINISTERIO DE AGRICULTURA SERVICIO AGRICOLA INTERAMERICANO BOLIVIA

La Paz, April 27, 1965

Miss Velva E. Rudd Department of Botany Smithonian Institution Washington 25, D.C. USA

Dear Miss Rudd;

Best thanks for the six booklets, written by you on different leguminous plants.

I did not know of your great interest in Asschynomene. Next time

I will fly to our Tropics I will collect for you some species. Asschnynomene montevidensis and Crotalaria anagyroides are the only browsing shrubs in the wet Bolivian

Tropics. Asschynomene montevidensis grows in one meter high standing water. It is
really relished by cattle, which eats it down to thumb thick stems. From Crotalaria
anagyroides livestook only browses the tips of the branchlets. Quite different is
the importance of legume shrubs for browsing in our dry Tropics. There the animals
during the dry season relly live on legume shrubs and their pods.

Sincerely yours,

copy to Mr.A.T.Semple Turrialba, C.R.

April 28, 1965

# AIR LETTER

Dr. Otto Braun Ministerio de Agriculture Servicio Agricola Interamericano La Paz, BOLIVIA

Dear Dr. Braun:

The package of five legumes arrived safely and I will send you names as soon as possible. Our Botany Department and Herbarium is in the process of moving to another building so we will be in a state of chaos for a while. After that we all hope to work more efficiently.

Sincerely yours.

Velva E. Rudd Associate Curator Department of Botany

72. Dolichopais paraguariensis (Benth.) Harsl.

73. Teramous uncinatus (L.) Sw.

74. Phaseolus lathyroides L. 75. Mexture { Cassia absur L. 75. 75. Mexture { Phaseolus pilosus HBK 75a

76. Phaseolus schattie var. longifolius (Benth.) Hassl. (also Baun 11, Jan. 1965, previous as Vigna liteata

June 30, 1972

MRS, THEODORE C. BUNLER 1329 S. VENETIAN WAY MIAMI, FLORIDA 33139

April 30, 1965

Dr. Velva E. Rudd Department of Botany Smithsonian Institution Washington 25, D.C.

Dear Dr. Rudd:

Mrs. Lucita Wait suggested I write you because I am interested in HOYAS and find few people know much about them, nor have I found any way of getting them identified with certainty. In fact, I was just told by Richard Howard that even he cannot tell me which one I have (I had sent him a few blooms and a leaf of a plant that recently bloomed for the first time for me), and so I am turning to you.

1001

Do you know anyone I might get in touch with who is working on Hoyas? Or anyone who is collecting and with whom I might trade plants. Or any other good source of acquiring plants?

I have 21 different varieties so far, of which about 5 have not yet bloomed (and are unidentified), and of which another 5 are evidently varieties of H. carnosa.

My husband is taking pictures, both black-and-white, as well as colored, of my various plants as they come into bloom, so I hope to have a pictorial record at least, of my plants, even if they must remain nameless for the time being.

I have a charming little Hoya plant from the Botanical Garden in Hamburg, Germany, under name of H. pallida. It blooms frequently and would make a delightful smaller hanging basket. I also have 2 apparently rather scarce other Hoyas from Fritz Encke in Frankfurt - H. imperialis and multiflora. Neither has yet bloomed, but a small bud is appearing on the second and I trust it will not drop off before it opens. The first-named evidently must make a large plant before blooming, but it evidently is magnificent when it does bloom. My plant is still small.

Do you know anything about growing these plants from seed?

Any help you can give me would be most welcome.

P.S. Dam a member of the

Yours truly, Robora B. Buller

Dr. Jerzy Rzedowski Escuela Nacional De Ciencias Biologicas Instituto Politecnico Nacional Apartado 19186 Mexico, D.F., MEXICO

Dear Dr. Rzedowski:

Thank you for your letter of April 25. I have checked the flowering and fruiting dates of Myrospermum frutescens. Hinton 7291, in flower, was collected at Cutzamala, Coyuca, Guerrero on Jan. 28, 1935.

From other countries I find fruiting specimens: Honduras, September; Colombia, January; Venezuela, February-March. Flowering specimens have been collected: Puerto Rico (cultivated), June; Guatemala, January; Trinidad (cultivated ?), October; Colombia, December-January-February; Venezuela, December. In Venezuela. the country with which I am most familiar, the flowering would seem to be at the very end of the rainy season, when the streams are drying up, and the fruiting is finished before the end of the dry season, which occurs about 1 May. It will be interesting to see if more material can be found. I believe that there might be two species, one with fruit about 3-4 cm. long, the other 5-8 cm. long. Which is in Mexico? So far, I have not figured out a way to recognize any differences in sterile or flowering material.

As to the "Flora of North America" project, Stan Shetler, who is one of the instigators, says that they will probably not call a meeting in the fall but rather in the spring, in April or May. Nothing is definite as yet. My tentative plans are to go to Mexico City, by way of Miami, and Merida, in about April! Anyway, you are on the list of possible invitees and will be advised of plans if and when they are made.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Mrs. Theodore C. Buhler 1320 S. Venetian Way Miami, Florida 33139

Dear Mrs. Buhler:

So far as I know Hoya is not especially being worked on by anyone. However, in checking a report of "Current Taxonomic Research" I see the name of Mr. A. A. Bullock, Royal Botanic Gardens, Kew, Richmond, Surrey, England listed for Asclepiadaceae. It might be worthwhile to write to him and see what his scope might be. Kew probably needs names for its Hoyas, as well.

Have you asked Dr. H. E. Moore of the Bailey Hortorium (you probably know him through the Palm Society) or Dr. Russell J. Seibert, Longwood Cardens, Kennett Square, Pennsylvania? They probably have Hoya problems too.

Good luck to you. Greetings and best wishes to Mrs. Wait.

Sincerely yours,

Velva E. Rudd Associate Gurator Department of Botany Dr. JOSE DE JS. JIMENEZ

Calle Máximo Gomes 54
SANTIAGO DE LOS CABALLEROS
REPUBLICA DOMINICANA

May 17th, 1965

Miss Velva Rudd Smithonian Institution Washington, D. C.

Dear Miss Rudd:

I am enclosing the list of numbers 4078 -4178 requested by you in your last letter of April 2. You may imagine the reason why I did not answer it before.

I regret not to have sent labels instead of the least. I ordered to the University press to make a lot of them but the events have not permitted to send them over to me.

es, I know Ateleia gummifera; it is rather rare in my locality.

I have a specimen with fruits collected around Santiago long time ago.

All plants were later chopped down when the city begam expanding in the near-by country. If you wish to examine it I can lend you with great pleasure The Willimen.

Bro. Alain is willing to examine material from Santo Domingo. I wrote him yesterday and told him that you were also willing to have help from him in identifying our plants. As I told you before I have not sent mi identifications in the past due to Nr. Killip's opinion not to do so. I imagine that he thought that I am too bad for doing it. And I think he was awefully right.

My best regards to Lyman, Cowan, Morton and many others in the Herbarium.

Thanks, many thanks to your efforts to please me in spite of so busy you are with your own things.

Sincerely yours

Spile &

#### AIR LETTER

Mr. David R. Hunt Royal Botanic Gardens Kew, Richmond Surrey, ENGLAND

Dear Mr. Hunt:

It was a great shock to hear of Mr. Sandwith's death. I was happy to meet him at last, after many years of correspondence, and looked forward to a longer visit at Kew and an opportunity to become better acquainted.

Will you, now, have the responsibility of the American collections? If so, I feel that they will continue to be in good hands. I hope that before long I shall be bothering you for a loan and in the not too distant future I shall be able to return to Europe.

Best wishes and good luck to you.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Chapingo, Méx., 31 de mayo de 1965.

Dr. Velva E. Rudd Associate Curator Department of Botany Smithsonian Institution United States National Museum Washington D. C. 20560

The information kindly sent by that institution through you, has been included in a general review of the floristic, forestry and pasture resources of Mexico and Central - America requested by the UNESCO through its Natural Resources Division. It is my understanding that this review will be published in a preliminary draft in spanish, english and french. However, I am planning to mimeograph in spanish the information dealing with herbaria and exsiccata originated from Mexico and Central America. This will be sent to you in due time for you files.

Thanking you for your kind attention, I remain

Sincerely yours,

Ing. Efraim Hernandez Xolocotzi.

All communications should be addressed to
THE DIRECTOR.
quoting the following number:—

ROYAL BOTANIC GARDENS,

KEW, RICHMOND, SURREY.

Telephone: RIChmond 1171

31st May, 1965

Dear Dr. Rudd,

Thank you for your kind letter of May 20th. Mr. Sandwith's death is indeed a severe and unexpected loss to Kew and especially to the American section.

When the new wing of the herbarium here is completed, the division of work among the staff will be primarily on a systematic rather than the present regional basis. Consequently, although I shall be largely responsible for the curatorial work of the section, it is unlikely that any replacement for Mr. Sandwith will be formally appointed in the meanwhile.

With best wishes,

Yours sincerely,

David R. Hunt

Dr. V.E. Rudd,
Associate Gurator,
Department of Botany,
Smithsonian Institution,
U.S. National Museum,
Washington 25 D.G.,
U.S.A.

IMC.

June 4, 1965

Dr. Erika Midel Abt. Ökologische Pflanzenphysiologie Institut für Eulturpflanzenforschung Maulbeerallee 2 15 Potsdam-Sanssouci Germany

Dear Dr. Midel:

We are sending you on exchange six samples of <u>Aeschynomens</u> wood for sectioning in conjunction with your studies of fossil leguminous woods. Enclosed is a list of these specimens including their scientific names, places of origin, and location of herbarium voucher specimens, if any. We will expect you to return prepared microscope slides in exchange for any of these woods you section.

In the same package, I am enclosing a reprint of a paper on the taxonomy of American Aeschynomenes by our Dr. Velva Rudd. Perhaps you will find it useful in your research studies.

When you have received and checked the woods, will you please sign and return the white copy of our shipping invoice? We will appreciate your cooperation.

Sincerely yours,

William L. Stern Chairman Department of Botany

Enclosure

WLStern:alb

## Asschynomene Woods for Sectioning Sent on exchange to Dr. Erika Midel Institut für Kulturpflanzenforschung, Berlin

| USw Cat. No. | Coll. & No.                 | Scientific Name                              | Origin                      | Herbarium<br>voucher |
|--------------|-----------------------------|--|-----------------------------|----------------------|
| 9809         | Commercial<br>scuree        | Asschynomene sp.                             | Fr. Indo-<br>China          | None                 |
| 4048         | Beach African<br>Expedition | A. elaphroxylon<br>(Guill, & Perr.)<br>Taub. | Anglo-<br>Egyptian<br>Sudan | None                 |
| 4365         | Laine s.n.                  | A. sensitiva Sw.                             | Cuba                        | None                 |
| 21345        | A. J. Fors g.n.             | A. virginica (L.)<br>B.S.P.                  | Cuba                        | None                 |
| 26982        | King & Soderstree<br>4939   | A. palmeri Rose                              | Mexico                      | US                   |
| 31244        | L. Schultze <u>s.n</u> .    | A. elaphroxylon<br>(Guill. & Perr.)<br>Taub. | Tehad                       | K?                   |

# Dr. JOSE DE JS. JIMENEZ

Calle Máximo Gomez 54
SANTIAGO DE LOS CABALLEROS
REPUBLICA DOMINICANA

June 19, 1965

Miss Velva Rudd, Cuarator Division of Phanerogams Smithonian Instittion Mashington, D. C.

Dear Miss Velva:

Going over my section of ineditified plants I have come across with the Crotalaria sp. enclosed. It was found in Hotel Montaña, prov. La Vega, about 500 m. above sea-level. The plant was about 0.8 m. tall with only two braches: one for you (you may keep it) and the other for me.

I have been whirling around <u>C. lotifolia</u> but am not quite sure of the diagnosis. Please let me know your own.

I tried my best to get Zahn's article on <u>Hieracia domingensia</u> in Engl. Jahrb. HET (1915), pages 272-276, but has been in vain. How can I get it in photoscopies and for how much?

Also Küknthal's on Rhynchospora published in 1950. Are ther Anticuaries in books who can get it for me?

With best regards to Lyman and Cowan and with my best thanks I am yours very sincerely

Citeria en plemerante

Jadas Dr. Just.

June 21, 1965

#### AIR LETTER

Dr. Jose de Js. Jiménez Calle Máximo Gómez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Estimado José:

Thank you for the data for your Collections 4078-4178. Eventually I hope to send you some names for the specimens. Thanks also for the a corrections on my identifications. As yet I have not had a chance to check and see if I agree with you. Probably, though, you are correct. As soon as we get back to regular business I will send some of your unnamed material to Bro. Alain. The Leguminosae I prefer to do myself.

As to Ateleia, do you have a copy of Mohlenbrock's paper in Webbia 17: 153-186. 1962? According to that, A. gummifera var. gummifera should have "calyx glabrous," and the var. cubensis has "calyx pubescent." I have not seen any material with a glabrous calyx. Ateleia microcarpa (Pers.) D. Dietr. (= A. revoluta Mohl.) is known only from the two type collections, locality unknown, in Dom. Rep. The other species known from your country is A. tumida Mohl., collected by Fuertes at Rincon, Barahona. Any time you find any of these rare species, I should be glad to see them.

Best wishes to you y su esposa.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany Dr. JOSE DE JS. JIMENEZ

Calle Máximo Gomes 34
SANTIAGO DE LOS CABALLEROS
REPUBLICA DOMINICANA

June 28, 1965

Miss Velva Rudd Division of Plants Smithonian Institution Washington, D. C.

Dear Miss Rudd:

Lately I have been looking over my unidentified specimens and came over my number 4470. There is no doubt that it is a <u>Sophora sp</u>. Checking the Cuban <u>Sophorae</u> found out that the description of <u>S. poly-phylla Urb</u>, suits very accurately to my plant. Please match my specimen with Cuban material and let me know.

We are still valive. In the beginning the Americans did a very good job but after the OEA took over things are not going satisfactorily for anti-communist activities.

With kindest regards to Lyman and to you I am yours very sincerely

P.S. - Do you have spelimens in the litterbarium of sophera alto-petiolulata Remard?

P. S. 2.-Right now your letter of June 21, inst. arrived. Very interesting the article you speak of in Webbia. My numbers 399 and 4091 of Ateleia gummifera have the calyx densely fulvo-pubescent. Please give the address of Webbia to make a suscription and order the number corresponding to Mohlenbrock's paper. Thanks a lost. Any time you know of papers dealing with antillean flora information will be deeply welcome.

Dr. JOSE DE JS. JIMENEZ

Colle Máximo Gómez 34 SANTIAGO 'DE LOS CABALLEROS Rep. Dominicana - West Indies

July 31st, 1965



Dear Miss Rudd:

Enclosed is the material of Corallocarpus emetocatharticus. Later on I will try to get it both in flower and fruit. For the time is a voucher that we also have the plant in the island.

Also it goes a <u>Pitcairnia</u> probably <u>fuertesii</u> for Lyman. I have not heard from hin since long. Hope that you, he and everybody in the Smithonian be in good shape and health.

Veru sincerely yours

258930 P- 2873

August 13, 1965

#### AIR MAIL

Dr. Otto Braun Ministerio de Agricultura Servicio Agricola Interamericano La Pas, BOLIVIA

Dear Dr. Braun:

Following are names for the 20 plant specimens sent a few months ago in your first package. Your more recent lots will be named as soon as possible.

1. Zornia cryptantha Arech.

2. Cassia (Chamaecrista) repens Vog., vel aff.

3. Cassia hirsuta L.

h. Cassia tora L.

5. Cassia occidentalis L.

6. Sesbania emerus (Aubl.) Urb.

7. Arachis pusilla Benth. 8. Arachis pusilla Benth.

9. Aeschynomene sensitiva Sw. var. sensitiva

10. Crotalaria anagyroides H.B.K. 11. Vigna Inteola (Jacq.) Benth. 12. Phaseolus lathyroides L.

13. Neptunia pubescens Benth. ? (our material out on loan)

14. Desmodium barbatum (L.) Benth. & Oerst.

15. Centrosema vexillata Benth.

16. Amaranthus spinosus L. 17. Carduus mutans L.

Echinodorus subalatus (Mart.) Griseb.
 Alternanthera polygonoides (L.) R. Br.

20. Solamum aff. bolivianum Rusby

I was disappointed to note that you are not numbering your specimens in a continuous series. That means that if anyone cites one of your collections as, for example, no. 19, there might be confusion with your no. 19 in a later lot. Under separate cover I have sent you some literature on preparing collections. Would you be interested in revising the numbers on your more recent specimens?

Another question I have on this first lot of yours concerns the dates of the various collections. Could you please tell me the month, at least?

Dr. Otto Braun

2

The material you are sending is very interesting. We have relatively few collections from Bolivia so your specimens are a valuable addition to our herbarium.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

THE LAKE PART

Isr. Ruds , copy August 16, 1965 Dr. John H. Beaman Department of Botany and Plant Pathology Michigan State University East Lansing, Michigan Dear John: We are pleased to receive the 98h plant specimens from Mexico and Guatemala that you recently sent in continuation of exchange. Thank you for sending the material. Enclosed is the signed white copy of your shipping receipt. I look forward to having you here as my office neighbor during the coming year. Perhaps with your advice from time to time I can make my inroads on my backlog of determinations. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

#### AIR MAIL

Miss Stephanie Purfurst Panama U. CD Program Camp Radley Arecibo, PUERTO RICO

Dear Miss Purfurst:

Your letter to Dr. Stern was passed along to me to answer since I am responsible for curating our collections from "Middle America", i.e., Mexico, Central America, and the West Indies. I am glad to learn of your interest in collecting and also pleased that you have had some experience. Incidentally, where did you do your college work?

Exclosed is some literature on collecting. If you have a chance to get over to Mayaguez, you might look up Dr. Arturo Gonzalez Mas, a professor Botany at the College of Agriculture and Mechanical Arts, who, I am sure, would be glad to show you the herbarium there and give you some pointers.

As to serious collecting, it might be best to wait until you arrive at your location in Panama and then let us know if you need any special equipment, etc. I hope that you will be going to some area that has not been visited by botanists!

Best wishes, and write me again.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Enclosures



LPZ-INV-195/65

# MINISTERIO DE AGRICULTURA SERVICIO AGRICOLA INTERAMERICANO

BOLIVIA

La Paz, August 27, 1965

Miss
Velva E. Rudd
Associate Curator
Department of Botany
Smithonian Institution
Washington D.C., 20560, USA

Dear Miss Rudd;

Best thanks for your letter from August 13 with the 20 identifications.

I am waiting for the literature about preparing collections, which you promised me. I am convinced, that I made a mess in the numbering of my collections. Of course I am interested in revising the numbers of my more recent specimens. The new collections I will send you will be numbered in continous series. You will find out, that in the more recent collections, I sent you, the month and year will be included.

Theoretically I should only collect Legumes and Grasses, but on the other hand I also collect those plants, which are charactericall for the region and soil indicators.

On Legumes we are using

BURKART, ARTURO Las Leguminosas Argentinas (1952)

on Grasses of course Hitchcock-Chase.

Sincerely yours,

Otto Braun
Pastures Specialist

September 14, 1965

AIR MAIL

Dr. José de Js. Jiménez Calle Máximo Gómez 3h Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear Dr. Jiménez:

It is good to hear that you are all right. I hope that everything will soon be quiet and peaceful.

Thank you for the specimen of <u>Corallocarpus</u> emetocatharticus. It will be helpful to have at least a vegetative specimen as a voucher. Lyman says "thank you, maybe" for the <u>Pitcairnia</u>. Apparently it has caused him some taxonomic <u>difficulties</u>. He may have already written to you about it.

Brother Alain was here last week and we went over a number of things, including your unicates which I hope to return to you soon. I think I have found all of the unmounted specimens that you sent to Mr. Leonard and am organizing them to be named here, or sent to Bro. Alain.

Under separate cover I am sending you a Xerox copy of Zahn's "Hieracia Domingensis". Also, I am sending carbon copies of many descriptions that I found among Mr. Leonard's things. I do not know for whom they were intended, but perhaps you are the logical recipient. We put descriptions in the herbarium with the specimens, as you might have noticed when you were here.

As to Hieracium, Bro. Alain says he is considering all material from Dominican Republic as H. gronovii.

Yes, we have the type of Sophora albo-peticulata Leonard. I am just now working on the Mexican Sophoras, so will also take a look at those from your country.

Will write more later. Best wishes to you all.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

September 17, 1965

#### AIR LETTER

Dr. José de Js. Jiménez Calle Máximo Gómez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear Dr. Jiménez:

I have found your No. 4470 and identified it as Sophora albo-petiolats Leonard, vel aff ! Unfortunately, we seem to have no material of 3. polyphylla. Next week I am going up to Harvard and New York and will see if they have any specimens. We have a couple sheets of S. oligosperma but no type material. The pubescence of your specimen from Pedernales is tomentulose; a sheet of Ekman 16230 from Cuesta de Piedras, Santiago (S. oligosperma?) has very short, closely appressed hairs. Since there are gradations between, perhaps there are two or more closely related species, or, possibly just one with considerable variability. It would be helpful to have more material of Sophora (except S. tomentosa) from Hispanicla. We have no fruiting specimens of either S. albo-peticlata or S. oligosperma.

As to Webbia, it is a publication of the "Istituto Botanico Dell' Universita", Firenze, Italy. I have asked Dr. Mohlenbrock if he will please send you copies of his papers. Perhaps he will.

I have been told that my  $\underline{\text{Ormosia}}$  paper is now published so you should soon get a copy.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany



Please address any reply to THE DIRECTOR and quote: Your reference:

#### ROYAL BOTANIC GARDENS

Kew, RICHMOND, Surrey Telephone: RIChmond 1171

29th September 1965

Dear Dr. Rudd,

I am returning to you under separate cover the three sh ets of <u>Xyris</u> from my British Honduras collection loaned to me earlier this year.

Mr. John Lewis and I have compared your sheets with those at the British Museum and I am now in agreement with his identifications, which are as follows:

172 A mixed gathering of  $\underline{Xy}$  is carolinian walt, and  $\underline{X}$ , ambigua Beyr. ex Kunth. The latter species, designated 172A, is not represented in your material.

178 A mixed gathering of X. subnavioularis Malme and X. caroliniana Walt. (small form) The latter, designated 178A, is the only species represented in your set.

199 <u>Xyris baldwiniana</u> Schult. (A Texan species not formerly recorded from British Honduras).

There is thus no question of the gatherings having become muddled. In fact I made the three gatherings on the basis of superficial differences of leaf shape and size, and in ignorance of other more subtle points!.

Thank you for giving me the opportunity of seeing my specimens again.

With best wishes,

Yours sincerely,

David R. Hunt

Dr. Velva E. Rudd, Associate Gurator, Department of Botany, Smithsonian Institution, U.S.National Museum, Wasnington 25 D.C., U.S.A.

Copy to J. Lewis

\* We will send these of at the end of October.





Dr. William L. Stern, Chairman Department of Botany U. S. National Museum Washington, D. C. 20560

#### STANFORD UNIVERSITY

DIVISION OF SYSTEMATIC BIOLOGY

Sat.2 Oct. 1965

Dear Bill,

Many thanks for the list of woods of Onagraceae: this will be most useful for Sherwin and myself. Incidentally, your supposed specimen of Hauya wood, the labelled Man Hauya heydeana Donn.-Smith, King 3176 (your number 18185), is actually Fuchsia cordifolia Benth.--you might want to change this in the records. We'll be sending you woods of several species of Hauya presently.

miranda hy

Best regards, P. Raven Ed:

Please change our catalogue card according to the information on Raven's card. Then, tell John Wurdeck about it since there is in all liklihood a herbarium voucher here which should reflect the new name.

> Thanks, Bill 13 Oct. 1965

Cards changed and filed Ed 10/14/1965



# THE UNIVERSITY OF ARIZONA TUCSON, ARIZONA 85721

COLLEGE OF AGRICULTURE
DEPARTMENT OF BOTANY

October 4, 1965

Dr. Velva E. Rudd U. S. National Herbarium Smithsonian Institute Washington, D. C.

Dear Dr. Rudd:

Again I want to thank you for the time you took in showing me the facilities of the U. S. N. H.

Under separate cover I am returning 19 specimens of <a href="Gentiana">Gentiana</a>. They have been very useful and I have made photographic records of most of the type material.

I have not found the zoologist who had the South American plants you mentioned. If you should find your correspondence I would appreciate having his name.

Stephen M. Russell

Give my regards to Kittie.

Sincerely,

Charles T. Mason, Jr., Curator of the Herbarium

CTM: 1h

October 8, 1965

#### AIR LETTER

Dr. José de Js. Jiménez Calle Máximo Gómes 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear Dr. Jiménez:

At New York I found an isotype of Sophora polyphylla Urb. (Ekman 6558, from Cuba) and I believe that it is quite different from the Hispaniolan material. The leaflets are larger, 2.5-3 cm. long, 1-1.3 cm. broad, ferruginotomentulose below, the upper surface finely pubescent, possibly glabrescent. In size and shape they are closer to those of S. tomentosa L.

I was not able to find type material of
S. oligosperma Urb. & Ekm., either at GH or NY,
so, for the time being at least, and until we have
more material, I am staying with the older name,
S. albo-peticulata, vel aff. (spelled wrong as
albo-peticlata in my last letter to you!).

Best wishes.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

October 13, 1965

Dr. Charles T. Mason, Jr. Department of Botany The University of Arizona Tucson, Arizona 35721

Dear Charles:

Your Gentiana loan arrived safely. Next time, though, please return our "type" covers. Never mind these now. We will make new ones.

The zoologist to whom I returned about 35 British Honduras specimens is Stephen M. Russell. Last year he moved from Louisiana State University to the University of Arizona. In my original letter to him, I listed 6 specimens we were keeping and said "the remaining specimens, which duplicate material already well represented here, are being returned to you, with their names. Perhaps they will be welcomed at the University of Arizona herbarium." For bureaucratic reasons the letter was rewritten and it may be that Russell did not get my suggestion. It was Raymond Turner who thought you might be able to use some tropical specimens.

It was nice to see you. Sorry you couldn't have stayed longer.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

# THE NEW YORK BOTANICAL GARDEN BRONX • NEW YORK 10458 2 LU 4-8500

October 15, 1965

Dr. Velva E. Rudd Associate Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Velva:

Thanks for the identifications given us in your letter of October 8th.

I don't know about Irwin's collections of "Aeschys" but will ask Jerry to investigate.

I am on my way tomorrow. Regards to everyone.

Sincerely yours,

Bassett Maguire Head Curator

BM:dz

November 15, 1965

Mr. Justus N. Baird Department of Entomology Kansas University Lawrence, Kansas 66045

Dear Mr. Baird:

In answer to your letter of 9 November there is, indeed, someone working on the taxonomy of Cecropia. Dr. Jose Cuatracasas, here at the Smithsonian, has been accumulating data toward a monograph for some years. One of his handicaps, he says, is the lack of good collections because the botanists are afraid of the anta! Your collaboration could be most helpful. He wishes, if at all possible, that you might be able to come to Washington before your trip to Mexico so you could discuss things and he could show you what he needs in the way of specimens.

I shall turn your letter over to Dr. Custrecasas and you can write him more details of your project.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

to held a copy November 15, 1965 Dr. Frank G. Hawksworth Rocky Mountain Forest and Range Experiment Station U.S. Department of Agriculture Forest Service 221 Forestry Building, C.S.U. Fort Collins, Colorado 80521 Dear Dr. Hawksworth: Thank you very much for sending as exchange the 63 specimens of Loranthaceae. We appreciate receiving such beautifully prepared material, including the 6 isotypes, but doubt that we can reciprocate adequately. We infrequently receive mistletoes, usually badly fractured specimens, and rarely have duplicates. However, we will certainly send you what we can, if and when available. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany VERudd/chl **Hunt Institute for Botanical Documentation** 

November 23, 1965

Dr. Reid V. Moran San Diego Museum of Natural History Balboa Park San Diego, California

Dear Reid:

I plan to fly to San Diego on Wednesday, December 8, to spend Thursday and Friday, December 9 and 10, at the Museum to look at more of your Leguminasse. I trust that will be all right? I'll also be interested to hear how Mrs. Mudie is getting along with Lotus.

Hasta la vista.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany

VERudd:saj

### NATURAL HISTORY MUSEUM

BALBOA PARK . SAN DIEGO, CALIFORNIA

FOUNDED AND OPERATED BY
THE SAN DIEGO SOCIETY OF NATURAL HISTORY
INCORPORATED 1874

November 29, 1965

Dr. Velva E. Rudd Associate Curator Department of Botany Smithsonian Institution Washington, D. C. 20560

Dear Velva,

We'll be happy to see you here December 9th and 10th. We are flattered but think you may be unduly optimistic to allow two days for our Leguminosae!

Although this should not seriously interfere with your work, I might mention that Dave Dunn has a bale of our lupines and that Mr. Barneby has recent collections of <u>Astragalus</u> and Dalea.

I look forward to seeing you here.

Sincerely,

Reid Moran

Reid Moran Curator of Botany

RM:fm



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#### December 3, 1965

Dr. U. T. Waterfall Department of Botany and Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

Following are names for some of the specimens you sent ages ago. I usually work on material of one family from several lots of plants which means that it takes a long time to finish any one lot. Perhaps I should chance my ways.

12747. Phaseolus lathyroides L. (sent in as Cassia)

13365. Hedyotis wrightii (Gray) Fosberg

13725. Hieracium prinonobium Rob. & Greenm. Det. K. F. Parker

13963. Ipomoea tyrianthina Lindl.

11,223. Baccharis sp., off. B. mexicana Cuatr. (need better material) Det. J. Cuatrecasas

15448. Castilleja saltensis Eastw. Det. J. H. Beaman

19511. Aster exilis Ell. Det. K. P. Parker

15513. Composite, too young, fide K. F. Parker

15521. Gnaphalium leptophylium DC. (leaves tomentose below).
Det. K. F. Parker

15521a Gnaphalium chilense Spreng. (leaves tomentose on both surfaces) Det. K. F. Parker

15529. Composite, too fragmentary, fide K. F. Parker

15594. Congza sp. aff. schiedeanus Less. Det. K. F. Parker 15653. Gnaphalium semiamplexicaule DC.? Det. K. F. Parker 16264. Cuphea, probably scelopetala Riley Det. H. S. Gentry

15784. Composite, too immature fide K. F. Parker 16271. Cuphea lanceolata Ait. Det. H. S. Gentry

16317. Desmodium sericophyllum Schlecht. Det. B. G. Schubert

16452a Cuphea jorullensis H. B. K. Det. H. S. Gentry

16469. Cuphea cyanes DC. Det. H. S. Gentry 16498. Cuphea lanceolate Ait. Det. H. S. Gentry

On looking back at this list I see that my friends did most of the work. With more of that sort of help I might get caught up some day. Your remaining specimens are on my conscience.

Best wishes for Christmas and the New Year.

Sincerely,

Velva E. Rudd Associate Gurator Department of Botany

VERudd :saj

## STANFORD UNIVERSITY STANFORD, CALIFORNIA 94305

Department of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY

11 December 1965

Dr. Velva E. Rudd Department of Botany U. S. National Museum Washington, D. C. 20560

Dear Velva.

I am writing to ask a couple of questions about two Purpus specimens that are in your herbarium. Perhaps if you don't know the answers to these questions, you will have some idea about how I can find out; I shall greatly appreciate whatever help you can give me.

In Aliso 4: 496. 1960 Dr. Munz described Hauya purpusii, giving as the locality "rocky banks and gulches, creek east of Monserrate, state of Tabasco, Mexico" Purpus 10043 (US). Another specimen, Purpus 10514 (US) is cited from the same locality. No date is given for these collections. I have been able to find a Monserrate in Tabasco, but it is at a very low elevation and seems an unlikely place for Hauya. On the other hand, Purpus made a great many collections at and near Hacienda Monserrate in Chiapas. Some of these are discussed in Univ. Calif. Publ. Bot. 10: 403-421. 1924; these were collections made by Purpus in 1923 and reported by T. S. Brandegee in the last number (XII) of his Plantae Mexicanae Purpusianae. The numbers from Hacienda Monserrate given in this publication are 9155, 9206, 9076, 9133, 9144, 9134, 9147, 9148, 9064, 9142, 9246 (at US, the type of Stylosanthes eciliata Blake) 9263, 9256, 9092, 9293, 9273, 9079, 9167, 9251, 9216, 9221, 9103, 9072, 9108, 9107: in other words, from 9064 to 9293. As there are similar species of Hauya to H. purpusii around Ocozocuatla, Chiapas (area of Hacienta Monserrate), what I am trying to evaluate is the possibility of the Hauya collections actually being from the Chiapas Monserrate and the state being confused. Anything you can say in commenting on this possibility will be very much appreciated; perhaps a comparison of the holotypes of Hauya purpusii and Stylosanthes eciliata would be revealing in this respect. At any rate, it would be useful to know the dates on the two specimens of Hauya.

Thank you very much for your help with this, which is greatly appreciated. I shall hope to see you later this month.

Yours sincerely, Peter H. Raven

#### AMERICAN SOCIETY of PLANT TAXONOMISTS

Division of Systematic Biology Stanford University Stanford, California 94305

December 21, 1965

Dr. Velva Rudd Department of Botany U. S. National Museum Washington, D. C. 20560

Dear Velva:

Would you be willing to review the following manuscript which has been submitted for publication in BRITTONIA: "Revision of <u>Dicorynia</u> (CASSIEAE, CAESALPINIACEAE)" by R. C. Koeppen? I think you would find the manuscript of interest and I hope very much that you will be willing to review it for us.

I shall be looking forward to seeing you in this area soon.

Yours sincerely,

Peter H. Raven Editor-in-Chief BRITTONIA

PHR: pb

UNIVERSITY OF CALIFORNIA, BERKELEY

BERKELEY - DAVIS - INVINE - LOS ANGELES - RIVERSIDE - SAN DIEGO - SAN FRANCISCO



DEPARTMENT OF BOTANY

BERKELEY, CALIFORNIA 94720 January 6, 1966

Dr. William L. Stern, Chairman Department of Botany Washington, D.C. 20560

We should like to borrow your specimen of Phrygilanthus panamensis Rizzini, M. E. Davidson 431 from Panama: Chiriqui: Bajo Chorro, Boquete, 1800 m. This specimen is for study by Dr. Job Kuijt, who is working in Berkeley this year as a postdoctoral fellow. He will be in Costa Rica briefly in February and would like, if possible, to see this specimen before

Last week's AAAS meetings brought us quite an influx of botanists. Best wishes for the New Year.

Veler here She Lincoln Constance
Con tell you some Director of the Herbarium
of our problem!

and me 19 1 47:270, 1961,

January 13, 1966

AIR MAIL

Dr. Lincoln Constance Department of Botany University of California Berkeley, California 94720

Dear Lincoln:

In answer to your request to borrow the holotype of Phrygilanthus panamensis Rizz. for Dr. Ruijt, I must give you the sad news that, following the lead of Rarvard, we no longer lend material of the Loranthaceae. The specimens of that family just cannot stand travel.

As slight consolation, I am enclosing some of the crumbs from the sheet, which you may keep. I could have the sheet photographed but I doubt that it would be much better than the illustration given with the original description.

Has Dr. Kuijt checked at Stanford? The Dudley Herbarium has some of Davidson's collections. Number 431 was originally distributed as Struthanthus marginatus.

I am pleased to see your note that it was nice to have me at Berkeley. I enjoyed being there and very much appreciated the hospitality of the staff in general, and the Constance family in particular.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

Enclosure

COLLEGE OF BIOLOGICAL SCIENCES
DEPARTMENT OF BOTANY - MINNEAPOLIS, MINNESOTA 55455

Jan. 7, 1966

Sincerely yours,

Dr. Velva E. Rudd Herbarium, Dept. of Botany Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

One of my graduate student advisees, Mr. Miles Johnson, is studying the taxonomy of Ageratum as a Ph.D. thesis problem. Although he plans eventually to visit several herbaria, both in the U.S. and Europe, this is not feesible for several months. In the meantime, he wishes to borrow limited numbers of specimens from a few institutions.

Can you give me an approximation of the number of specimens of Ageratum at the Smithsonian Institution? It would help if you indicated which species are present in unusually large quantities. I can then formulate a loan request that makes sense in terms of the most good to Mr. Johnson at minimum cost in labor. Mr. Johnson, of course, needs to see type specimens and other authentic material but we can be more definite when we ask for these.

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**Hunt Institute for Botanical Documentation** 

### NATURAL HISTORY MUSEUM

BALBOA PARK . SAN DIEGO, CALIFORNIA MAILING ADDRESS: P. O. BOX 1390, ZONE 12

FOUNDED AND OPERATED BY THE SAN DIEGO SOCIETY OF NATURAL HISTORY INCORPORATED 1874

9 January 1966

Dear Velva:

By prepaid parcel post we have returned the 187 sheets of Lotus, which you kindly lent for the use of Mrs. Mudie. Numbers appearing on the shipping invoice that may be helpful to you are (65-186) and 9417; also Register File Number 258500. I believe you will find one more type or isotype than you thought you were sending. On behalf of Mrs. Mudie, I want to thank you very much for this loan.

As I mentioned to you here, I'd be interested to know whether it would be (a) feasible and (b) worth while, to get microfilms of J. N. Rose's field notes for his trip to western Mexico in 1911. As to whether it would be worth while, that would depend in large part on the extent to which determinations are written in.

I hope you had a good holiday in Reseda. We enjoyed having you visit here. And I hope that some day I may get to see you in Washington.

Sincepely yours.

Reid Moran

Perse without (name touch)

Perse without (name Jan 20, 1966

Jamuary 11, 1966

Dr. Peter H. Raven Stanford University Stanford, California, 94305

Dear Peter:

First of all, thank you very much for your hospitality and taxi service - far beyond the call of duty. I hope that Sally has not come down with something horrible, and that Alice in Wonderland was a great success.

My trip back to Washington was peaceful. I read through the Dicorvnia mss. and will return it to you in a few days. I shall offer Dr. Stern a chance to check on the wood anatomy.

As to Purpus and his whereabouts when collecting Hauva purpusii, I believe that there is no doubt but that he was in his usual territory in Chiapas. Below are reasonable facsimiles of the handwritten tickets. The printed labels probably were furnished by Smithsonian and merely state "Plants of Mexico". Munz apparently jumped to an erroneous conclusion. Hacienda Monserrate would not be on the usual maps, but, on checking the "millionth map index", I find I. Monserrate, Baja California, and I. de Monserrate, Tabasco.

Gregtings also to John and Linda. Please tell Linda that the deadline is not until March 1.

Sincerely.

Velva E. Rudd Associate Curator Department of Botany

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east of monserate

**Hunt Institute for Botanical Documentation** 

January 12, 1966 Dr. Marshall Johnston Department of Botany University of Texas Austin, Texas Dear Marshall: The loan of Rhaumacese etc. that you selected when you were here is now being shipped. Included in the total of 426 mounted sheets are 5 photographs, 2 descriptions, 4 types and 5 isotypes. Also, there is unmounted material of Dugand's 6294 and 6326. It was nice seeing you. Best wishes for the New Year. Sincerely. Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation



4g US.FOSTAGE

Dr. Velva E. Rudd Department of Botany U.S. National Museum Washington, D. C. 20560

### STANFORD UNIVERSITY

DIVISION OF SYSTEMATIC BIOLOGY

16 January 1966

Dear Velva.

Many thanks indeed for the information about Hauya: that certainly does simplify things!

I am glad that you had a good trip back; we enjoyed having you here. Sally actually didn't come down with anything; just very tired I think. Alice in Wonderland was a great success, much to our amazement, and it went very smoothly. Of course, I wasn't brave enough to attend.

Poters. Raven

January 17, 1966

Dr. Gerald B. Ownbey
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

Dear Dr. Ownbey:

To answer your letter of January 7 I have checked our holdings of Ageratum and find that we have about 11 pigeon-holes full, including 20 types or isotypes. The most abundant species is A. conyzoides L., filling 4 or 5 pigeon-holes, followed by A. corymbosum Zucc. with about 1-1/2 pigeon-holes. We also have about 1/2 pigeon-hole of Oxylobus, apparently a segregate genus.

Sincerely yours.

Velva E. Rudd Associate Curator Department of Botany

VERudd/ch1

January 25, 1966

Dr. Peter H. Raven Division of Systematic Biology Stanford University Stanford, California 94305

#### Dear Peter:

Dr. Stern and I have road the <u>Dicorynia</u> revision and agree that it should be published. However, there are a number of items to be checked, as indicated in Dr. Stern's "Remarks", attached, and my comments, which follow:

- There is no explanation of herbarium abbreviations for the benefit of non-taxonomists and there are no courtesy remarks re appreciation for material studied.
- 2. The author deplores the lack of specimens but he saw only a few sheets from US. Most US material duplicates collections he has seen, but we do have a few others, including <u>Ducka</u>, RB 23321, the number he cites as lectotype of <u>Dicorynia macrophylla</u> Ducke "not seen."
- 3. Since there is a description of the stipules of  $\underline{D}$ ,  $\underline{guianensis}$ , there should be some mention of them in  $\underline{D}$ , paraensis, at least a statement "stipules not seen."
- 4. There are many errors in spelling and omissions of discritical marks, as we have indicated throughout the paper.
- The Geological Society Map for South America (1946) is cited.
   I wonder if the author knows of the explanation of the Map (1956), G.S.A.
   Memoir 65.

Because our specimens had not been annotated, I used the keys with an open mind and found them to work well to species, and reasonably well to varieties.

I am pleased to see this sort of study being made and hope that there will be others.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Enclosures

VERudd/ch1

Remarks for incorporation in Rudd review of Koeppen,

"Revision of Dicorynia (Cassiese, Caesalpiniaceae)"

Note: Remarks are in order of occurrence in paper, and follow penciled notations.

- 1. Bentham 1870 in Martius Flora Brasiliensis is cited in text but there is no reference in Literature Cited Section.
- 2. The statement (p. 1) beginning, "In the American tropics, the problem of species limits is particularly difficult because of the wide range of morphologic variation . . " could apply equally well to the plants of the tropics anywhere in the world. It is a naive remark.
- 3. I do not like personalizing the geologic activities of bodies of water. On page 3 we read, "In an effort to find an outlet, the lake had to push through the ancient range . ..," as if the lake sot up on its hind legs, looked around, and pushed through the ancient range. This, of course, is a matter of a writer's prerogatives and style.
- 4. Throughout the paper the author is careless about the inclusion of diacritical marks and I suggest that he carefully examine all foreign names and words to include accent marks, tildes, and cedillas where indicated.
- 5. On p. 4 I question the reasoning that the subsiding lake freed the old peaks from their isolation. Isolation from what? Each other? The lowlands? I question whether plants of montane regions, i. e., growing on the peaks of the exposed mountain tops, could indeed invade the subadjacent lowlands. Mountain peaks are isolated from each other and the subadjacent lowlands in the same sense that islands in the sea are isolated from each other. Were the old peaks freed in fact from their isolation by the subsiding lake? What facts are there to support these ideas? Is this the author's original theory? Or is it Camp or Baldwin who is speaking?
- I prefer the term "cells" to "elements"; elements is too inexact, especially where the writing will be read by non-anatomists (p. 5).
- 7. Bud scales are not axillary, the buds are. Brevity is desirable, but not at the expense of clarity (bottom p. 5).
- 8. A stoma is merely a hole or pore. On page 6, where Koeppen gives the dimensions and characterizes these openings, I think that he is referring to the entire stomatal apparatus, that is, guard cells plus the accessory cells. He should, therefore, refer to the structure as the "stomatal apparatus" unless he really means the stoma (hole), which I doubt.
- 9. Are the pollen grains spherical? If not, I suggest that Koeppen mention which dimension is  $18-24\mu$  (p. 8).

- 10. What technique was used to determine that the cell inclusions were indeed silica? Refractive index? Chemical tests? Author should state (p. 11).
- 11. I wonder about the characters used to distinguish <u>Dicorynia</u> wood from wood of other Leguminosae. It is meaningless to state, "rather coarse texture and distinctive luster . . ." Even when used in conjunction with other characters, these features are much too subjective and are not amenable to comparison. (p. 12).
- 12. The "International Glossary of Terms used in Wood Anatomy" deprecates the term "vertical parenchyma" in favor of "axial parenchyma." So-called "wood parenchyma" is only vertical in the upright trunk of a tree or in the upright main stems of shrubs; it is always axial.
- 13. One could argue strenuously with the phylogenetic implications on top of p. 13. There is no absolute evolutionary standard against which plant structures may be measured and relative states of phylogenetic development compared. Therefore, I do not see how it is possible to say that the wood anatomy of Dicorynia "... is at a lower level than that attained by its floral morphology." As far as I can tell, one feature alone is specialized in the flower of Dicorynia the stamens. These are reduced in number and the anthers are peculiarly modified. On the contrary, the wood has seried cells, paratracheal axial parenchyma, simple perforations, alternate intervascular pitting, fibers with simple pits, and so on, along with several unspecialized structures as heterogeneous vascular rays and solitary pore distribution. The author's arguments are weak, in my opinion, and he would do well merely to spell out the specializations of flower and wood and not attempt to compare one with the other.
- 14. Why are only the unvouchered wood specimens enumerated on page 137 Later on, in the citation of the herbarium specimens, one sees specimens from Yw and Uw, for example. These designations are clearly out of place in the citation of herbarium specimens since they refer to collections of wood, not herbaria. If they refer to the place of origin of wood specimens used in the anatomical studies, then by all means they should be included, but on page 13 with the citation of the other wood samples. If needed, a separate paragraph headed "Vouchered wood specimens" would serve to set these off properly.
- 15. If the citation of the herbarium specimen "Froes 21539" is intended to show that the information in the text was derived from the label of that specimen, the author should say so (p. 14).
  - 16. Waters are infested with marine boring organisms, not "infected" (p. 15).
- 17. On page 16, grain and figure are improperly used. Grain merely refers to the direction or orientation of the cells in wood. Grain is straight, spiral, or interlocked. Figure pertains to the appearance of wood to the eye and is dependent on grain, plane of sectioning, etc. Wood has an attractive figure, not an attractive grain. All wood has a natural figure, it is not a special characteristic of certain woods. Whether this figure is distinctive or not depends upon the characteristics of the particular wood.

18. Page 23: "Collections" do not produce botanical works, but they may be recognized in botanical works.

- 19. Page 23: "Ducke 1932" is not cited in Literature Cited section.
- "Reclinate" means bent down or falling back from the perpendicular.
   I doubt that this term is properly used in this context; pendant is quite adequate (p. 23).
- 21. In view of the mistakes in the Literature Cited, I would recommend that Koeppen review carefully all of his citations and compare them with the originals. Author citation is haphazard; sometimes initials are given, sometimes whole names. These do not correspond with the actual authors' names as they appear in the original works. I suggest some logical form be adopted.

There are corrections of typographical errors in the manuscript and questions placed here and there for Koeppen's attention. I would recommend that Brittonia publish this paper and would rate it B-.

WL

In Ruch is copy February 4, 1966 Dr. Bassett Maguire New York Botanical Garden Bronx Park New York, New York Dear Bassett: We are now sending you on loan 173 sheets of Lauraceae for study by Dr. Caroline Allen. This is material that she selected while she was in Washington last week. Sincerely, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl **Hunt Institute for Botanical Documentation** 

Feb. 7, 1966

Dr. Reid Moran, Emeritus Natural History Museum P.O.Box 1390 San Diego, Calif.

Dear Reid:

Your specimen looks like a good of. nelsonii. The calyx lobes (?) on your material looks little more delicate and attenuate than on the type but not significantly different. The leaves and stem look ok. The differences in texture, ie. more scales or papillae on the floral parts and coarser, may be due to the difference between a wild plant and one tenderly cultivated.

Will be looking for the specimens. Happy collecting. Don't be frustrated about <u>Astragalus</u>. I haven't even tried to name one in years.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany



Pebruary 9. 1966
Deer Velva: Referring to yours of January 12, 1966, numbered 264210: I don't want to alarm you but I'm getting a little disturbed myself. On Bebruary 2 we received one box containing 161 specimens only. I expected the other boxes would be here by now since you say there were 426 sheets altogether. I don't know why the boxes would have getten separated or that one would be delivered more than a week before the others. The invoice says there were three boxes altogether. Were these insured? Could the others have been addressed wrong? Is there any way to trace them? I'll hope for the best.

■ My regards to all there; hope you are in good health and the trip to California was successful. By the way, the unmounted material of Dr. Dugand's 'new sp.' of Karwinskia

was not in the box received.

Posterfacet marshure

Dr. Rude is copy February 15, 1966 Dr. Reid Moran Natural History Museum Balboa Park P. O. Box 1390 San Diego 12, California Dear Reid: Thank you for sending the 135 duplicate specimens. I hope that sometime, before you are too old to care, we will be able to find some suitable material to send you in exchange. Thanks also for the prompt return of the Rose fieldbook. I am glad that you think the data will be useful. Happy collecting. Sincerely, Velva E. Rudd Associate Curator Department of Botany VERudd/chl **Hunt Institute for Botanical Documentation** 

Botany Department university of Michigan Ann Arbor, Mich. 48104 February 19, 1966 Con Jun ?.

U.S. National Herbarium Smithsonian Institute Washington, D.C.

Dear Sir:

I am planning a trip to Mexico and Guatemala to study the flower movements and pollination of <u>Zebrina pendula</u> (Commelinaceae). In order to determine the time and places I should go, I would appreciate the following information:

- for specimens of <u>Zebrina pendula</u> with <u>flowers</u>, when and where were they collected?
- 2. for specimens with <u>fruits</u>, when and where were they collected?

If you have little information on this subject, would you recommend someone to whom I should write?

Sincerely, Laura Barkeley Laura Berkeley

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Puebla: Puebla, Oct.

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Hunt Institute for Botanical Documentation

Dr. Charles T. Mason, Jr. Department of Botany The University of Arizona Tucson, Arizona 85721 Dear Chuck: The three specimens collected by Drs. Lowe and Turner arrived safely and appear to be as follows: 2024/142. Desmanthus palmeri (B.&R.) Wiggins ex Turner. 2028/146. Diphysa occidentalis Rose 2046/164. Desmanthus covillei (B.&R.) Wiggins ex Turner. Kittie returns your greetings. We wish we could go out and see the desert in bloom. Sincerely, Velva E. Rudd Associate Curator Department of Botany VERudd/ch1 Hunt Institute for Botanical Documentation

Sr. Rude = copy

March 1, 1966

Dr. Rudd'w copy March 1, 1966 Dr. Mildred E. Mathias Department of Botany University of California 405 Hilgard Avenue Los Angeles 24, California Dear Mildred: Thank you for the gift of 9 specimens of Leguminosae. The material looks interesting. After I have a chance to work it over I will send any pertinent comments, name changes, etc. Thank you also for sending the loan. Your 5971 is, as I hoped, the first known fruiting collection of Chaetocalyz klugii Rudd. In the pocket on the sheet are a fruit and several leaflets. Would you be willing to let me remove said fruit and a few leaflets for US? I should appreciate that very much. As to Julia, whose married name I have forgotten, it might be well for her to go to the local U. S. Civil Service Commission office and do whatever is necessary to establish a rating. She might be able to indicate interest in being assigned to Smithsonian. At the moment I have no suggestions on the housing situation but will keep it in I am glad that having a couple of youngsters in the area will be an added incentive for a longer visit from you. Sorry it won't be until August. Sincerely, Velva E. Rudd Associate Curator Department of Botany VERudd/chl Hunt Institute for Botanical Documentation

March 2, 1966

Miss Laura Berkeley Botany Department University of Michigan Ann Arbor, Michigan 48104

Dear Miss Berkeley:

As requested in your letter of February, here are a few notes taken from herbarium specimens of Zebrina hendula.

Mexico:

Oaxaca: Distr. Tuxtepec, Chiltepec —July-Feb. (no exact date)

" Choapar, Yaveo, near river —March 18

" Cerro Concordia —April.

Puebla: Puebla --October. Nayarit: no exact time or locality.

Guatemala: Santa Rosa, Chupadero —May.
Izabal, Quiriquí —May
Peten: forest between Finca Yalpemach along Rio San Diego
and San Diego on RioCancuen —March
Escuintla: Masagua—April.

Probably this is very common along streams and in moist woods, in general, but is not often collected for that reason. Most of the collections appear to have been made in spring or fall but that may be coincident with the time of year when people like to go on field trips. I should expect fruits to develop very soon after flowering.

I assume that you already have checked specimens at the U. of Mich. herbarium and talked to Dr. McVaugh ?

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany

Dr. Rudd's copy March 9, 1966 Dr. William E. Carter Office for Peace Corps Program University of Washington Seattle, Washington Dear Dr. Carter: We are returning your plant specimens to you, express collect, with as many identifications as possible consilering the incomplete nature of the material. The names have been written on the newspaper folders. Since you do not have your specimens numbered it is not practical to try to report to you otherwise. Incidentally, the experts in identification of Guatemalan plants are at the Chicago Natural History Museum, where they are writing a "Flora of Guatemala." You might also be able to get some help from the botany staff at the University of Washington. For future reference, if you or your colleagues in the Peace Corps plan to do more plant collecting, I have included in your package a couple of brochures on the subject. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

# UNIVERSITY OF WASHINGTON SEATTLE WASHINGTON DELOS

May 10, 1966

Dr. Velva E. Rudd Associate Curator Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I have been travelling for the past few weeks, and so was surprised to find the parcel of plant specimans upon return to Seattle. I must apologize again for the condition in which they were sent. I am a cultural anthropologist with no background in botany. However, I became involved in looking at a system of slash and burn agriculture in eastern Guatemala and, as I did so, it became apparent that I should try to learn something of the natural ecology of the region.

My thanks go to you at the Smithsonian for the time you have spent in looking over the material. You asked, in your notes, whether one specimen was the frijol de caballo. It was, alas, a garbanzo or chick pea. However, you did identify the sample of frijol de caballo independently as Mucuna sp., and referred me to M. pruriens.

A student from the University of Florida is returning to the same site this summer, and I will request him to collect those specimens which are inadequate and for which identifications are either doubtful or non-existent. I am now trying to transfer my field notes into a preliminary draft. It will probably be a year before anything final emerges. When it does, if you are interested, I shall mail you a copy.

Please extend my deepest appreciation to Dr. Guatrecasas for his cooperation.

Sincerely,

William E. Carter

## UNIVERSITY OF CALIFORNIA, LOS ANGELES

BERKELEY . DAVIS . IRVINE . LOS ANGELES . RIVERSIDE . SAN DIEGO . SAN FRANCISCO



SANTA BARBARA . SANTA CRUZ

DEPARTMENT OF BOTANY AND FLANT BIOCHEMISTRY LOS ANGELES, CALIFORNIA 90024

March 17, 1966

Dr. Velva E. Rudd Associate Gurator Department of Botany Smithsonian Institution Washington, D. C. 20560

Dear Velva:

Thank you for your note of May 1. Of course you may keep the fruit and leaflets from the packet of Chaetocalyx klugii. I am delighted that we had something of real value.

Julia's married name is Mrs. Michael Taylor. I have sent her your suggestion that she establish a Civil Service rating before she goes east. In case you hear of anyone who is seeking a house or apartment sitter from July to August her address is:

> 2530 Le Conte Avenue, Apt. 12 Berkeley, California 94709

> > Best wishes,

Mildred E. Mathias Acting Chairman

Removed from this buty to day!

MEM/tn

De Rudd's copy April 5, 1966 Dr. Margery C. Carlson Field Museum of Natural History Roosevelt Road at Lake Shore Drive Chicago, Illinois 60605 Dear Dr. Carlson: At last I have finished naming that lot of 53 plant specimens that you sent in the fall of 1961. I am keeping for our herbarium 12 of those that you marked as duplicates. They are as follows: 2802 Dalea cf. greggii A. Gray 2872 Canavalia villosa Benth. sens. lat. 2873 Canavalia villosa Benth. sens. lat. 2887b Desmodium sp. 2893 Astragalus guatemalensis Hemsl. var. brevidentatus (Hemsl.) Barneby 2894 Rhynchosia australia Rose 2896 Tephrosia mexicana C. E. Wood, Jr., vel. aff. 3022 Phaseolus strobilophorus (Robins.) Morton 3540 Trifolium dubium Sibth. 3256 Centrosems pubescens Benth. 3669 Dalea pulchella G. Don 3670 Dalea crenulata H. & A. The remaining 41 specimens are being returned to you. As you will notice, some of the determinations are a bit "iffy". All of our Mexican Lupinus are out on losn to Dr. David Dunn, at the University of Missouri, and much of our Inga and Pithecellobium are at the University of Southern Illinois, where Dr. R. H. Mohlenbrock is studying those genera. You might want to send your specimens to them for determination. I am sorry to have had this material so long but my load of identification work is overwhelming. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

April 13, 1966 Dr. Alan G. Gordon Research Branch c/o Forest Biology Laboratory P. O. Box No. 490 Sault Ste. Marie, Ontario, CANADA Dear Dr. Cordon: I am returning to you the nine specimens that you sent without any improvements on the names. The flora of Durango is difficult at best because there are numerous species as yet undescribed. Without adequate material it is a frustrating waste of time to try to name specimens. The specimen of Oxalis is what caused me to hold the lot for further study. I was unable to match it to my satisfaction. It might be a new species but additional collections, with stamens, bulbs, atc. would be necessary to make a decision. Sincerely yours, Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/ch1 Hunt Institute for Botanical Documentation

Dr. Russ is copy April 13, 1966 Dr. Robert L. Wilbur Department of Botany Duke University 27706 Durham, North Carolins Dear Bob: Thank you for the 107 plant specimens that you recently sent as exchange. Your letter stating your desiderata has been circulated among the phanerogam staff members and, I trust, an effort will be made to send you some choice items. Actually, the only Smithsonian collectors of flowering plants in Middle America in recent years have been Dan Micolson and Wally Ernst. I have no idea how many duplicates they have prepared. Most specimens we get either as straight exchange or in exchange for names. If the latter are good specimens, we usually keep them. If they are junk, or common species, no one else wants them. As to keeping separate records for lichens, bryophytes, vascular plants, etc., etc., we have too much red tape now. Occasionally a customer even sends us a list of species he wants! With the number of herbaria in the world with whom we maintain exchange relations, we are lucky to keep track as well as we do. Sincerely, Velva E. Rudd Associate Curator Department of Botany VERudd/chl Hunt Institute for Botanical Documentation

April 14, 1966

Dr. Otto Braun Ministerio de Agricultura Servicio Agricola Interamericano La Paz, Bolivia

Dear Dr. Braun:

Yes, I have received your specimens and publications, for which I thank you, but I have not had a chance to work on your material. I have a backlog of about 4000 specimens to name for people, in addition to trying to do a little research, myself. I will be away for a couple of weeks but hope to get to your specimens before too long.

Sincerely yours,

Velva E. Rudd Associate Curator Department of Botany THE Rob! Morris HOTEL

On the Parkway

At 17th and Arch Streets

PHILADELPHIA, PA. 19103



Stanley W. Masters Manager

april 24, 1966

Miss Velva Rudd Washington, D.C. Dear Miss Velva:

I'll be here in Phila por some time and wish rist the Smithonian starting after may 12th.

Will you be there during the nenths of may, June?

With many thanks and wishes I am yours very sincevely fred by June?

P.S. - How is Do. nearton doing 2 Kindest regards to Do. Cowan

> Completely Air Conditioned Meeting and Banquet Facilities Available



ONTARIO

### DEPARTMENT OF LANDS AND FORESTS

RESEARCH BRANCH, c/o FOREST BIOLOGY LABORATORY, P.O. BOX No. 490 SAULT STE. MARIE, ONTARIO May 2, 1966.

Dr. Velva E. Rudd, Assoc. Curator, Dept. of Botany, Smithsonian Inst., U.S. National Museum, Washington, D.C.

Dear Dr. Rudd:

Thanks very much for your letter of the 13th of April and the return of my unnamed Mexican specimens. I am grateful for your attempts in any case. I was well aware that this material being sterile etc. was pretty inadequate and sent them only in the off chance that something among them might be casually known to you.

The Oxalis did seem interesting but under the conditions we had available for drying at the time it was almost impossible to get a good specimen. Should I be so fortunate as to return to the area in the next few years I shall endeavour to collect you some good specimens.

Thanks again for your help.

Sincerely,

AGG/ms

Alan G. Gordon.



THE UNIVERSITY OF TEXAS
BOTANICAL LABORATORIES

AUSTIN, TEXAS 78712

B. L. TURNER

May 13, 1966

Dr. Velva Rudd, Botany Department, U.S. "ational Museum, Washington, D.C. 20560

Dear Velva:

A student of mine, Imre Eifert, is interested in generic problems in Caesalpinioideae, particularly right now Caesalpinia-Hoffmannseggia-Melanosticta, and plans to be in D.C. to look at a lot of material beginning June 22. Wally Ernst suggested the possibility that some of the things Imre will want to look will be out on loan and or would be requested for loan and jerked. Riense Of course, a few sheets are on loan to us now. Please let us know if anyone has borrowed or asked to borrow great quantities of Caesalpinhoideae. (Cassias don't matter too much, so Irwin's loans won't count;) also U.S. material doesn't matter too much, so Isely's loans can also be ignored). Also, could we request that action on requests for large loans of Caesalpinhoideae be delayed until after Imre's visit?

If all this is incoherently said, forgive me, I am writing in a hurry and have had two phone calls and two students in here since I began.

Hope all is well with you and hope to see you in August.

Best wishes,

Marshall C. Johnston

p. e. 18,1964

THE Rob! Morris HOTEL

On the Parkway

At 17th and Arch Streets

PHILADELPHIA, PA. 19103



Stanley W. Masters Manager

Dear Miss Und.

Jefeel deeply soory not to have been aple to go to the Herbarian yesterday a apologise sery suicerely I enclare the hass and a see you of to give it back to the office in charge to hyman and to you my dest thanks, same to Do, morton.

Pery sincerely yours.

Sprey

Completely Air Conditioned Meeting and Banquet Facilities Available

Department of Botany Southern Illinois University

CARBONDALE, ILLINOIS 62903

May 23, 1966

Dr. Velva E. Rudd Associate Curetor Smithsonian Institution U. S. National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I have before me your letter of April 22, 1966.

Your comments are well taken and, as a person new to a curatorship, I am afraid I must plead ignorance for not giving you the information which you required.

Since receiving your letter, I have read over the "Recommendations of Desirable Procedures in Herbarium Practice and Ethics" which appeared in Taxon 10: 93-94. In the future, I shall adhere to the practices outlined therein.

With reference to Mr. Wunderlin:

- 1. Degree sought: Ph.D.
- 2. Family: Leguminosae
- 3. Genus: <u>Bauhinia</u> section <u>bauhinia</u> formerly <u>Bauhinia</u> section <u>casparea</u>.
- Geographic area: Mexico, Central America, and the West Indies.
- 5. Exotics from this section also to be included.

Mr. Wunderlin had thoroughly researched his problem prior to my request of a loan from the Smithsonian Institution.

Again, I apologize for transcending proper procedures in this case.

Sincerely yours.

W. Hardy Eshbaugh, Curator

W. Hardy Eshbaugh, Curator Southern Illinois University

Hunt Institute for Botanical Documentation

p. c .

May 31, 1966 Dr. R. K. Godfrey Department of Biological Sciences The Herbarium Florida State University Tallahassee, Florida 32306 Dear Bob: Belated thanks to you for the 171 plants you sent as exchange earlier in the month. It was good to see you, though briefly, at the conference. Come back again. Sincerely, Velva E. Rudd Associate Curator Department of Botany VERudd/chl **Hunt Institute for Botanical Documentation** 

June 6, 1966

### AIR MAIL

Dr. Arturo Burkhart Instituto de Botanica Darwinion San Isidro, F. C. N. G. B. M. ARGENTINA

Estimado Dr. Burkart:

A student who is working on <u>Rhynchosia</u> has requested a loan of our specimens from the <u>United States</u>. In selecting the material for him I was reminded that you still have nearly 400 specimens of <u>Rhynchosia</u> borrowed in 1952. We should very much appreciate receiving at least some of that material. We do not require that all of the loan be returned at one time.

I hope your work is progressing well. My best wishes to you,

Sincerely,

Velva E. Rudd Acting Curator Division of Phanerogams

VERudd/ch1

Dear Dr. Rudd -

graphs from our supcoming story on the Philippine Islands. As we agreed, I'm sending you the batch and you'll send them around to whomwere you think may best be able to help.

I'd appreciate it if you'd let me know about the easy ones as toon as you can. The others may take longer. and Thank gove very much for your help.

Elizabeth Wagner National Gasgraphic Magazine Research phone 296-1500 ext 113 Academia Macional de Ciencias Exactas, Fisicas y Naturales de Buenos Aires

DARWINION
SAN ISIDRO, F. C. N. G. B. M.
ARGENTINA

San Isidro, 20th June, 1966

Dr. Velva E. Rudd Acting Curator Division of Phanerogams Smithsonian Institution United States National Museum Washington, D.C. 20560 - U.S.A.

Dear Dr. Rudd:

Your kind letter of June 6, 1966 arrived yesterday and it struck me very hardly to be so much in debt with you, your staff and your institution which has been always so generous and helpful to me. I have to apologise about having delayed so long the loan of Rhynchosia. What happened was that, after going a good way into a general revision of the genus for the whole of America, I was discouraged by the difficulties to distinguish species by herbarium material only and was attracted by Adesmia. Of course I should have done better to send back immediately the loan, but hopes to get again time for a complete revision were so strong, that I delayed a final decision.

Now in these days I am returning most of the loan, retaining only a few specimens of the Southern area of the genus which I want to describe. Thank you for your permission to do so.

Have you seen my Latest paper on Mimosa series Lepidotae (Darwiniana, 1964)? This is the type of revision I intedend to do with Rhynchosia taking the whole natural assemblage, without regard of political boundaries.

Please continue to send me your papers on Leguminosae.

With best regards and wishes, thanking again for your "paciencia" with the loan I am.

Yours sincerely

ARTURO BURKART

June 20, 1966

Dr. J. de Js. Jimenez 176 W. 87t h Street Apt. 12 B New York, N.Y.

Dear José:

Sorry to hear that you have had some more physical difficulties. I am also sorry that I missed you that last day you were at the herbarium. I had forgotten a meeting at 3 p.m. that day so was away when you returned from the Arboretum.

Brother Alain is here now and gave me your address. I carried this envelope to Cambridge expecting to see you there. I thought maybe you had already left for the Dominican Republic.

Enclosed are various odds and ends, including lists of determinations. By the time Bro. Alain leaves here I expect to have a lot more names for you.

My best wishes to you, let me know how long you will be in N.Y. etc.

Sincerely,

Velva E. Rudd Assoc. Curator Dept. of Botany Miss Pelm Rudl Smiths man Institution Washington, D. C.

of publications, lists of identifications, copy of a letter to Bro. alain and so forth a rriver along with your very kine letter. all of them were very wellome, indeed Thanks, many thanks.

Mefore leaving Phila I had a talk with 1800, alain regarding the plants. I have desired, whowever posts ble, to send at least two spelimens of each number, me for him and the other for you in the Amitlonian.

I still am having trouble with my knees but fill much letter now. This ail ment make me change all my plans here in the M. S. It has been a hity.

I have only have to express you and to all my good friends in the troithoring my deepest yout tuke. Very Sinerally yours

June 22, 1966

Dr. Richard Felger Department of Zoology College of Liberal Arts The University of Arizona Tucson, Arizona 85721

Dear Dr. Felger:

Dr. Radd has handed me your letter of June 2, 1966 in which you inquire about the possibility of obtaining a postdoctoral Smithsonian fellowship. I am really a bit confused as to the subject material of the research you propose to accomplish if you were to receive such a fellowship. For example, you mentioned that you spoke with Dr. Dawson and that he suggested you contact someone who was willing to sponsor you for work in his space. Does this mean that you are interested in working in some phase of algology? Or, are you interested in working in a general ecological problem following the format of your doctoral dissertation? I notice from your abstract that you are interested not only in plant, but also in animal ecology. Before doing anything else, I think you should write to outline exactly what type of research you would propose and why you could do that research better at the Smithsonian Institution under a postdoctoral fellowship than at some other establishment.

I am giving a copy of this letter to Dr. Helmut Buechner who is the assistant director of our Museum of Natural History with special interests in ecology. You might wish to correspond directly with him in an attempt to seek a sponsor. I am also sending a copy of this letter to Mr. Jerold Roschwalb who is an official of our office of Education and Training. Mr. Roschwalb will be interested in keeping close touch on your possible application and I suggest that in any correspondence you have with Smithsonian staff members a carbon copy be sent to him.

Applications and announcements for next year's program should be forthcoming soon. A note of request to Mr. Roschwalb would be in order if you are to receive such information. I would be interested to know your program of research should you come to the Smithsonian and I would appreciate carbon copies of any letters you might send in that regard.

Sincerely yours,

William L. Stern Chairman Department of Botany

Dr. Rudd V Dr. Buechner Mr. Roschwalb

Dr. O. E. White Blandy Experimental Farm University of Virginia Boyce Virginia Bear Dr. White: Enclosed is a list of determinations for the package of Physalis, etc. that was sent to us in 1954 by Dr. Mennel. I am sorry there was such a long delay but the genus needed monographic treatment. Dr. Waterfall expects to publish a paper on Mexican Physalis in a year or so. A few of the specimens were inadequate for specific determination. Sincerely yours. Velva E. Rudd Associate Curator Department of Botany cc: Dr. H. Y. Menzel VERudd/chl Hunt Institute for Botanical Documentation

196. Chamaesaracha villosa Rydb. 197. inadequate 198. Saracha produmbens (Cav.) Ruiz & Pavon 199. Physalis philadelphica Lam. 200. physalis orizabae Dunal 201. Physalis chenopodifolia Lam. 203. Physalis caudella Standley (atypical) 204. Physalis hederaefolia Gray, var. puberula Gray 205. Physalis chenopodifolia Lam. 208. Physalis Lagascae R. & S., var Lagascae sen. lat. 210. Physalis philadelphica Lam. 211. Physalis orizabae Dunal 213. Physalis viscosa L. 214. Physalis angulata L. 215. Physalis gracilis Miers 216. Physalis viscosa L. 217. Physalis angulata L. 218. Physalis sordida Fern. 219. Physalis chenopodifolia Lam. 221. Chamaesaracha conioides (Moric.) Britt. 223. Margaranthus solanaceus Schlecht. 224. Solanum -/-225. Physalis sordida Fern. 226. Solanum + 227. Solanum + 228. Physalis Sancti-josephi Dunal 231. Physalis viscosa L. 232. Saracha procumbens (Cav.) Ruiz & Pavon 234. Physalis orizabae Dunal 235. Physalis philadelphica Lam. 236. Physalis Lagascae R. & S., var. Lagascae, sen. lat. 237. Physalis philadelphica Lam. 238. Physalis orizabae Dunal. 239. Physalis volubilis Waterfall, ined. 240. Physalis orizabae Dunal 242. Physalis philadelphica Lam. 243. Physalis foetens Poiret 244. Physalis orizabae Dunal s.n. Aug. 28, 1949. Physalis chenopodifolia Lam. 241. Physalis orizabael Dunal 233. Solanum ap. p.n., modata, P. viscosa L.

209. Physalis sp.

230.

Huly 12, 1966 Dr. Bassett Maguire New York Botanical Garden Bronx Park New York, New York 10458 Dear Bassett: We are sending on losn for study by Bro. Alain 45 sheets of Dominican Republic plants that he selected when he was here. Also in the package are 40 unmounted specimens being sent as exchange. Please let Bro. Alain see all the material before turning it over to the nounters. I hope you and Celia had a fine trip and that you let her bring back everything she wanted. Greetings to all. Sincerely. Velva E. Rudd Associate Curator Department of Botany Enclosure VERudd/ch1 **Hunt Institute for Botanical Documentation** 

July 13, 1966

Det. J. Cuatrecasas

#### AIR MAIL

Dr. Jose de Js. Jimenez Calle Maximo Gomez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

#### Dear Jose:

Here are more names for you. Dr. Custrecasss identified one of the specimens and Bro. Alain the rest. Eventually, thanks to Bro. Alain, your herbarium should be in pretty good shape.

```
4605 Ziziphus rignoni Delp.
4607 Eugenia lindahlii Urb. & Ekm.
4608 Eugenia sp. (sterile)
4609 Lantana involucrata L.
4612 Lycium tweedianum var. chrysocarpum (Urb. & Ekm.) L. C. Hitchc.
4614 Hybanthus havanensis Jacq.
4615 Heliotropium fruticosum L.
4618 Proustis stenophylla Urb. & Ekm.
4619 Liabum barahonense Urb.
4622 Cleome serrata Jaco.
4634 Croton corylifolius Lam.
4631 Crotalaria usaramoensis E. G. Baker
4638 Malpighia setosa Spreng.
4639 Croton sidifolius Lam.
4640 Croton flavens L.
4641 Cordia salviifolia Juss.
4643 Cassia crista Jacq.
4645 Cordia exarata Urb.
4646 Evolvulus arbuscula Poir.
4647 Abutilon haitiense Urb.
4648 Thouinia domingensis Urb. & Radlk.
4650 Acalypha cuspidata Jacq.
4651 Eugenia domingensis Berg
4652 Aristolochia bilobata L.
4653 Acalypha glechomaefolia A. Rich.
4654 Daucus carota L.
4655 Linociera ligustrina Sw.
4656 Siphocampylus decumbens A. DC.
4657 Eupatorium paucicrenatum Urb. & Ekm.
4660 Narvalina domingensis Cass.
4661A Pavonia coccinea Cav.
4663 Medicago lupulina L.
4666 Scrophularia minutiflora Pennell
4669 Lobelia assurgens var. portoricensis (A. DC.) Urb.
4670 Fragaria vesca L.
4671 Lapsana communis L.
4673 Mikania cyanosma Urb. & Ekm.
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4674
       Physalis peruviana L.
  4679
       Chimaphila domingensis Urb.
 4681 Begonia plumieri A. DC.
 4683 Plantago lanceolata L.
 4688 Euphorbia peplus L.
  4692
       Pastinaca sativa L.
 4693 Fuchsia triphylla L.
 4694 Eupatorium illitum Urb.
 4696 Senecio buchii Urb.
B-4697 Fuchsia pringsheimii Urb.
 4706 Galactia dictyophylla Urb.
 4707 Ximenia americana L.
 4709 Tabebuia microphylla (Lam.) Urb.
 4710 Cissus fuertesii Urb.
 4712 Pavonia coccinea Cav.
 4713 Marsdenia linearis DC.
 4714 Cissus intermedia A. Rich.
 4716 Sterile; not identified
 4717 Catalpa punctata var. domingensis (Urb. & Ekm.) Pacit
 4719 Cissus intermedia A. Rich.
 4720 Hibiscus brachypus Urb.
 4722 Tephrosia cinerea (L.) Pers.
 4724 Croton discolor Willd.
 4726 Bursers simaruba (L.) Sarg.
 4727 Caesalpinia barahonensis Urb.
 4728 Croton corylifolius Lam.
 4730 Anthacanthus acicularis (Sw.) Nees
 4731 Bourreria domingensis (DC.) Griseb.
 4733 Acalypha cuspidata Jacc.
 4734 Serjania filicifolia Radlk.
 4735 Aristolochia bilobata L.
 4736 Heliotropium ternatum Vahl
 4738 Verbena scabra Vahl
 4740 Enhydra sessilis (Sw.) DC.
 4741 Eustoma exaltatum (L.) Griseb.
 4743 Mitracarpus brachystigma Urb.
 4744 Buddleia domingensis Urb.
 4747 Siphocampylus igneus Urb.
 4748 Centella erecta (Lf.) Fern.
 4749 Hypericum constanzae Urb.
 4752 Hypericum constanzae Urb.
 4753 Modiola caroliniana (L.) G. Don
 4754 Satureia alpestris (Urb.) Alain
 4755 Dichondra serices Sw.
 4756 Sapium buchii Urb.
 4757 Duranta arida var. domingensis (Urb.) Mold.
 4758 Conium maculatum L.
 4815 Polygala penaea L.
 4826 Weinmannia pinnata L.
 4827 Scrophularia densifolia Urb. & Ekm.
 4828 Neurolaena lobata (L.) R. Br.
 4831 Verbena domingensis Urb.
 4836 Lobelia rotundifolia Juss.
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4849 Artemisia domingensis Urb.
    Phytolacca rivinoides Kunth. & Bouche
4856 Valeriana scandens L. var. candolleana (Gardn.) Muell.
4863 Passiflora sesflora Juss.
4865 Dichondra micrantha Urb.
4868 Garrya fadyenii Hook.
4870 Mitracarpus brachystigma Urb.
4872 Cayaponia americana (Lam.) Cogn.
4881 Lepidium virginicum L.
4893 Lactuca canadensis L.
4895 Passiflora sesflora Juss.
4896 Lyonia eggersii Urb.
4900 Siphocampylus igneus Urb.
4903 Salvia uncinata Urb.
4905 Manettia domingensis Sprague
4906 Scrophularia eggersii Urb.
4907 Gnaphalium domingense Lam.
4908 Valeriana domingensis Urb.
4910 Satureia alpestris (Urb.) Alain
4911 Gnaphalium eggersii Urb.
4914 Scrophularia densifolia Urb. & Ekm.
4915 Relbunium hypocarpium (L.) Hemsl.
4916 Scrophularia densifolia Urb. & Ekm.
4917 Scrophularia densifolia Urb. & Ekm.
4918 Ascyrum hypericoides L.
4920 Gnaphalium viscosum H.B.K.
4924 Viola domingensis Urb.
4925 Hypericum pycnophyllum Urb.
4929 Artemisia domingensis Urb. forma
4930 Lyonia costata Urb.
4932 Scrophularia eggersii Urb.
4934 Senecio fuertesii Urb.
4935 Baccharis myrsinites (Lam.) Pers.
4938 Lyonia tuerckheimii Urb.
4939 Satureia alpestris (Urb.) Alain
4940 Lyonia heptamera Urb.
4942 Ilex tuerckheimii Loes.
4944 Lyonia eggersii Urb.
4945 Conyza canadensis var. pusilla (Nutt.) Cronq.
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I hope all is well with you.

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

VERudd/chl

Hay 19, 1966

Dr. Jose de Js. Jimenez Calle Maximo Gomez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear Jose:

Following are  $\underline{85}$  more names for your plants. After Bro. Alain has been here I should be able to send you a longer list.

| 1425.  | Ipomoes obscura (L.) Ker Gawl                    | det. | Bro. Alain    |
|--------|--|------|---------------|
| 1573.  | Mikumia barahonensia Urb.                        |      | Bro. Alain    |
| 1964.  | Ipomosa mauritiana Jacq.                         |      | Bro. Alain    |
| 2403.  | Jacaranda coerulea (L.) Griseb. ?                |      | Bro, Alain    |
| 2572.  | Zyzygium cumini (L.) Skeels                      |      | Bro. Alain    |
| 2735.  | Ipomoea mauritiana Jacq.                         |      | Bro. Alain    |
| 3253.  | Sebastiania picardae Urb.                        |      | V. E. Rudd    |
| 3349.  | Myrcia citrifolia (Aubl.) Urb.                   |      | Bro. Alain    |
| 3447.  | Ipomoea arborescens Don. ?                       |      | Bro. Alain    |
| 3475.  | Pithecellobium obovale (A. Rich.) C. Wright      |      | Bro. Alain    |
| 3536.  | Mikania polychaeta Urb. ?                        |      | Bro. Alain    |
| 4004.  | Lyonia buchii Urb.                               |      | Bro. Alain    |
| 4091.  | Ateleia gummifera (DC.) D. Dietr. var. gummifera | det. | V. E. Rudd    |
| 4098.  | Vigna vexillata (L.) A. Rich.                    |      | V. E. Rudd    |
| 4103.  | Anthurium scandens (Aubl.) Engler                |      | D. Micolson   |
| 4108.  | Miconia impetiolaris (Sw.) D. Don                |      | J.J. Wurdack  |
| 4122.  | Philodendron sp.                                 |      | D. Nicolson   |
| 4124.  | Eriosema crinitum (H.R.K.) C. Don                |      | V. E. Rudd    |
| 4129.  | Anthurium acaule (Jacq.) Schott                  |      | D. Nicolson   |
| 4130.  | Anthurium scolopendrinum (Desv.) Kunth           |      | D. Wicelson   |
| 4131.  | Nepsers equatica (Aubl.) Naud.                   |      | J.J. Wurdack  |
| 4133.  | Henriettella fascicularis (Sw.) Trians           |      | J.J. Wurdack  |
| 4151.  | Vriesea sanguinolenta Coga. & March.             |      | L.B. Smith    |
| 4152.  | Philodendron scandens vel P. oxycardium          |      | D. Nicolson   |
| 4162.  | Miconia mirabilis (Aubl.) L. Wms.                |      | J.J. Wurdack  |
| 4169.  | Guzmania berteroniana (Schult.) Mez              |      | L.B. Smith    |
| 4170.  | Philodendron lingulatum (L.) Koch                |      | D. Nicolson   |
| 4174.  | Mucuns urens (L.) Fawc. & Repdle                 |      | V. E. Rudd    |
| 4185.  | Pictetia obcordata DC.                           |      | V. E. Rudd    |
| 4197.  | Lonchocarpus domingensis (Pers.) DC.             |      | V. E. Rudd    |
| 4262-1 | /2 Cundlachia domingensis (Spreng.) A. Gray      |      | Bro. Alain    |
| 4347.  | Mollugo nudicaulis Lam.                          |      | V. E. Rudd    |
| 4357.  | Thunbergia alata Royer                           |      | D. Wasshausen |
| 4359.  | Oxandra laurifolia (Sw.) A. Rich.                |      | V. B. Rudd    |
| 4360.  | Drypetes alba Poit.                              |      | V. E. Rudd    |
| 4384.  |  |      | V. E. Rudd    |
|        | Govenia utriculata (Sw.) Lindley                 |      | R.L. Dressler |
|        |  |      |               |

| 4391. | Philodendron scandens, vel P. oxycardium     | det. D. Nicolson   |
|-------|--|--------------------|
| 4397. | Miconia prasina (Sw.) DC.                    | det. J.J. Wurdack  |
| 4399. | Miconia mirabilis (Aubl.) L. Wms.            | det. J.J. Wurdack  |
| 4400. | Henriettella fascicularis (Sw.) Triana       | det. J.J. Wurdack  |
| 4403. | Dalbergia monetaria L.f.                     | det. V. E. Rudd    |
| 4408. | Calopogonium mucunoides Desv.                | det. V. E. Rudd    |
| 4412. | Miconia racemosa (Aubl.) DC.                 | det. J.J. Wurdack  |
| 4456. | Myrica microcarpa Benth.                     | det. V. E. Rudd    |
| 4470. | Sophora albo-peticlulata Leonard, vel aff.   | det. V. E. Rudd    |
| 4481. | Myrica picardae Krug & Urb.                  | det. V. E. Rudd    |
| 4482. | Polygala crucianelloides DC.                 | det. V. E. Rudd    |
| 4483. | Sesbastiania picardae Urb.                   | det. V. E. Rudd    |
| 4536. | Pseuderanthemum atropurpuraum (Bull) Bailey  | det. D. Wasshausen |
| 4583. | Centrosema virginianum (L.) Benth.           | det. V. E. Rudd    |
| 4584. | Myrica cerifera L.                           | det. V. E. Rudd    |
| 4611. | Brya buxifolia (Murr.) Urb.                  | det. V. E. Rudd    |
| 4627. | Guatteria blainii (Griseb.) Urb.             | der. V. E. Rudd    |
| 4629. | Tillandsia festuccides Brongn.               | det. L. B. Smith   |
| 4635. | Tillandsia spiculosa Griseb.                 | det. L. B. Smith   |
| 4636. | Tillandsia dapposna Steud. var. latifolia    |                    |
|       | fundleri Griset - (Griset.)                  | det. L. B. Smith   |
| 4637. | Pictetia spinifolia (Desv.) Urb. sens. lat.  | det. V. E. Rudd    |
| 4644. | Pisonia discolor Spreng, var. brevipetiolata |                    |
|       | Heimerl.                                     | det. V. E. Rudd    |
| 4658. | Miconia laavigata (L.) DC.                   | det. J.J. Wurdack  |
| 4664. | Myrica picardae Krug & Urb.                  | det. V. E. Rudd    |
| 4676. | Miconia ferruginea (Desv.) DC.               | det. J.J. Wurdsck  |
| 4677. | Tetrazygia tuerckheimii (Cogn.) Nkm.         | det. J.J. Wurdack  |
| 4681. | Begonia sp.                                  | det. L. B. Smith   |
| 4689. | Agave antillarum Descourtilz                 | det. V. E. Rudd    |
| 4698. | Tillandsia compacta Griseb.                  | det. L. B. Smith   |
| 4700. | Rhytidophyllum leucomallon Hanst.            | det. C.V. Morton   |
| 4703. | Fumaria capreolata L.                        | det. W.R. Ernst    |
| 4718. | Arceuthobium bicarinatum Urb.                | det. D. Wiens      |
| 4732. | Cracca caribaea (Jacq.) Benth.               | det. V. E. Rudd    |
| 4739. | Rhytidophyllum berteroanum Mart.             | det. C.V. Morton   |
| 4745. | Myrica picardae Krug & Urb.                  | det. V. E. Rudd    |
| 4746. | Miconia sellegna Urb. & Ekm.                 | det. J.J. Wurdack  |
| 4750. | Oxalis thelyoxys Focke                       | det. V. E. Rudd    |
| 4819. | Tillandsia usneoides (L.) L.                 | det. L. B. Smith   |
| 4820. | Miconia desportesii Urb.                     | det. J.J. Wurdack  |
| 4825. | Tetrazygia crotonifolia (Desv.) DG.          | det. J.J. Wurdsch  |
| 4841. | Dilomilis montans (Sw.) Summerhayes          | det. R.L. Dressler |
| 4874. | Sterile; not identified; discarded.          | dat. J.J. Wurdsck  |
| 4875. | Justicia disparifolia Urb. & Ekm.            | det. D. Wasshausen |
| 1000  | THE PERSON NAMED IN COLUMN                   | mer. h. manananaen |

| 4888. | Epidendrum strobiliferum Reichb. f.      | det. R.L. Dressler |
|-------|--|--------------------|
| 4861. | Isochilus linearis (Jacq.) R. Br.        | det. R.L. Dressler |
| 4902. | Sterile; not identified; discarded.      | det. J.J. Wurdack  |
| 4941. | Myrica picardae Krug & Urb. ?            | det. V. E. Rudd    |
|       | (We have no material of M. apiculata for | comparison)        |
| 4948. | Clitoria laurifolia Poir.                | det. V. E. Rudd    |

Sincerely,

Velva E. Rudd Associate Curator Department of Botany

VERudd/ch1



MARKE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATIONS AGRICULTURAL EXTENSION SERVICE SCHOOL OF PORTIONS

HERBARIUM

312 ROLFS HALL

18 July, 1966

Dr. Velda E. Rudd The Smithsonian Institution Washington, D. C.

Dear Dr. Rudd:

This is just a note to say that things are progressing quite well for me and to thank you for the time you took when I landed on you in March.

Life here has been extremely enjoyable. I am taking classes and looking after the routine of the herbarium. I've been out in the field a few times and am beginning to learn a bit about the plants that grow here.

Although it will be a long time before I can accumulate enough courses for a degree, I have tentatively chosen a section of the woody Solanums for a thesis subject. I am writing C. V. Morton for advice, as I don't want to step on his toes.

Perhaps in a few months I will have a check list of Tortola plants ready for publication.

You mentioned the possibility of a holiday in Jamaica and I have mentioned your name to Mr. E. C. Baker, who is Archivist in the History Department at Mona. He is certainly worth a call, as his general background and knowledge far surpass what his position indicates. A most charming and perceptive man.

If there is anything you need done down this way, please drop me a line.

Cordially yours.

Bie Dany.

W. G. D'Arcy.

July 19, 1966 Betany Department Southern Illineis U. Garbendale Illineis 62903

Smithsonian Institution Department of Betany

Dear Dr. Rudd:

Unfortunately there is no startling progress for me to report. I seem to be moving through the summer constantly whittling down my goals.

I've had two meetings with Dr. Mehlenbreck and in the first I related what eccurred during my trip east. He is very enthusiastic over the pessibility that I might be a successful candidate for a predectoral assistantship and is willing to do whatever he can from this end. He certainly approves and welcomes the ideal of your supervision and agrees with me that if the supervision comes about you should be on my committee.

Our second meeting was a program evaluation and I was pleased to hear he felt I had done more than enough course work. After this summer and aside from 5 hours in palynology readings and lab for the geology minor my schedule should consist entirely of betany 600 which is dissertation research.

I'm assumulating some equipment and also a better place to do some lab work than the herbarium in the library. The main problem here is that we must leave the library at 10 PM in the summer and 10:30 during the winter quarters but I'm cleared in the other space until 1 AM and there is water,gas, and most of all air conditioning. The temperature on the 7th floor of the library where the herbarium is located ranges from 96 to 99 degrees daily. The average temperatures through the first 2 weeks of July here outside were even higher which is even hard for me to believe and I suffered through it. Let me hasten to add, the herbarium specimens are all right it is the people that are deteriorating rapidly.

I'll collected more buds and specimens from the population in West Kentucky and will try to get the last which may show chromesomes next Menday. I've collected inflerescences also to examine the tubercles on the podumeles and am collecting my ideas and observations to present to Dr. Kaeiser. The entogeny would certainly be interesting but I'm afraid that's another dissertation.

I have seedlings going also, some in pets, some in the woods across from the campus and Dr. Thieret of the University of Southwestern Louisiana has sent me a couple of rootstocks also. These are all of the United States taxon.

The catalouging of my specimens is about half done and I should be finished in a week or so. We plan to go to Chicago the last

of August for 2 or 3 days and I should visit the Missouri Betanical Garden and library once or twice before the quarter is ever. Our quarter ends the 26th of August and the fall quarter begins the 22nd of September. Within this time I'd like to come back to the Smithsonian and also visit the two herbaria at Harvard and the New York Betanical Gardens herbarium. I'm sure no-one here would mind if I didn't get back until s week or so after school starts in the fall so I wen't feel so rushed.

I'll, of course, be more specific about the date of my return visit and will try to bring some work, descriptions, illustrations, or the like relative to D. multiflers to show you.

Thank you again for the reprints, for meeting and talking with me and the use of the herbarium. I also appreciated talking with Dr. Cowan and Dr. Stern and please thank them again for me if you should think of it.

Frankly I'm not thinking as hard about Discles as I am German. I have my tuter and my beeks. Wettstein and Taubert, and every morning grind through a few paragraphs. I'm auditing the 3rd quarter of the freshman sequence and although these procedures are far from pleasures it's the only way I know how to do it. The German is the next big goal.

I hape you are having a pleasant summer and I look forward to seeing you in the fall.

Respectfully, Dick Mixwell

Richard H. Maxwell Graduate Asst.

Academia Mazienal de Ciencias Exactas, Finicas y Natorales de Buence Aires

INSTITUTO DE BOTANICA

DARWINION
BAN ISIDRO, F. C. N. G. B. M.

ARGENTINA

San Isidre, July 25th, 1966

To Dr. Velva Rudd
Acting Curator
Division of Phanerogams
Smithsenian Institution
United States National Museum
Washington, D.C. 20560 - U.S.A.
Dear Dr. Rudd:

According to my letter of June 20th, we have sent back today, by ordinary mail three cases of herbarium specimens of the genus Rhynchosia, which I had on lean. I hope they will reach you safely.

I am retaining only 9 sheets (7 Rhynchosia, 2 Galactia) according

to the adjoined detail.

Again I have to apologize for having had this lean so long a time.

Several specimens have been photographed for a future monograph.

This lean was indeed very important for my studies and I am very grateful for your help.

With best regards

Yours sincerely

1 adj.

Academia Marienal de Ciencias Exectas, Fisicas y Raturales de Boscos Aires

DARWINION
SAN ISIDRO, F. C. N. G. B. M.
ARGENTINA

San Isidro, 25.July, 1966

Retention of specimens on loan from the United States National Herbarium for study by Arture Burkart

### Leguminosae :

-V.Bailey 228, Texas, Galactia cfr.macreei (US 443418)
-Palmer & Riley 1019, Cuba, G. jussiaeana (US 372745)
-Venturi 7612, Rhynchosia sp.nov.? (US 1.549.680)
-Tbarrela 382, Rhynchosia sp.nov.? (US 1.857.184)
-Macbride 2709 = Rhynchosia calycosa
-BF Bush 399 = Rh.cytisoides.
-Thieme 5200 = Rh.hondurensis
-Standley 12.139 = Rh.ixodes
-M.Bang 2098 (US 1363968) = Rh.ovata Rusby

ARTURO DOLLARIO 1

August 3, 1966 Dr. W. Hardy Eshbaugh Department of Botany Southern Illinois University Carbondale, Illinois Dear Dr. Eshbaugh: As requested in your letter of July 11 to Dr. Stern we are now sending you on loan 59 sheets of Bauhinia for study by Mr. Wunderlin. Included is type material of B. lunarioides and B. pringlei and a few "indets" that may or may not be pertinent. The earlier loan finally arrived and I was pleased with the nest annotations and also cheered to see that the species are being retained in Sauhinia and not segregated in Casparea. Enclosed is your green sheet. One more suggestion to make life more convenient for those of us who pull out the loans, please ask the student to arrange the species being requested in alphabetical order. It saves backtracking in looking up the material. Probably all the herbaris with which you deal have the species in alphabetical order, not after Britton and Rose as are your requests. Sincerely yours, Valva E. Rudd Acting Curator in Charge Division of Phanerogams Enclosures VERudd/chl Hunt Institute for Botanical Documentation

August 4, 1966

Dr. Charles T. Mason, Jr. Berbarium, College of Agriculture The University of Arizona Tucson, Arizona 85721

Dear Chuck:

As requested in your letter of July 29 to Dr. Wurdack, we are sending you on losn, for study by Mr. Williams, 62 sheets of <u>Vauquelinia</u>. Included are 4 types and 1 isotype. As always, annotations will be appreciated.

Sincerely yours,

Velva E. Rudd Acting Curator in Charge Division of Phanerogams

Enclosure

VERudd/chl

### Southern Illinois University

CARBONDALE, ILLINOIS 62901

Department of Botany

August 5, 1966

Dr. Velva E. Rudd, Associate Curator Smithsonian Institution U. S. National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I would like to pay a visit to the Smithsonian Institution on Friday, August 20. I realize that this may be an inconvenient time since it will be at the end of the AIBS meeting week; however, I certainly would like the opportunity to sit down with you and Dr. Stern and talk over the many problems this herbarium has had relative to our relationship to the Smithsonian Institution.

I will call your office when I arrive at the AIBS meetings to determine what, if any, time is convenient for you.

While I am at the Smithsonian Institution I would like an opportunity to check over your collections of the Empetraceae and several Solanaceous genera.

On July 5, I returned 15 sheets of <u>Bauhinia</u> to you. To date I have received no confirmation that this shipment reached you. I trust it has not been lost en route!

Yesterday I returned Loan 63-47 which I finally located at Louisiana Polytechnic Institute. Mr. Rhodes had taken this loan with him when he left Southern Illinois University. The specimens are unannotated, although Mr. Rhodes assures me that he will send labels on when his study is concluded.

complete.

In reference to Loan 63-46, Dr. D. C. Wasshausen wrote on March 14 that one specimen was outstanding. I have enclosed a copy of a post card receipt dated August 14, 1964, from Dr. Lyman B. Smith acknowledging the return of this loan in good condition. Can you clarify this discrepancy?

see attached cord.

Loans 65-178 and 66-38 will be packed and shipped during the next few weeks and should all be in your hands no later than September 15, 1966.

yemenia

Styles -

As stated to Dr. Wasshausen, the specimens outstanding from Loans 64-184 and 64-186 are definitely missing. I have done all I can to locate these specimens; however, it is most difficult to trace the history of loans one did not initiate. I hope you will note the names of the individuals to whom these loans were made for future reference.

In reference to the various loans to Dr. R. H. Mohlenbrock, he is in the process of annotating and completing his study of this material for return to you. I cannot ask for renewal of these loans since I have yet to verify the sheet/specimen counts.

I am looking forward to meeting with you two weeks from now.

Sincerely yours,

W. Hardy Eshbeugh, Curator Southern Illinois University

Herbarium

jmp

Enclosure

Los Angeles County Museum of Natural History

Exposition Park 900 Exposition Boulevard, Los Angeles, California 90007

Herbert Friedmann
DIRECTOR

telephone 745-0410

C. F. Gehring

August 9, 1966

Dr. Velva E. Rudd Associate Curator Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I have delayed answering your letter of July 30 until I could discuss it with Dr. Fred S. Truxal, our Chief Curator of Life Sciences, under whose general jurisdiction botany comes in this Museum. It so happens that Dr. Truxal will be in Washington toward the latter part of this month, and he is planning to call on you and to discuss the situation here as regards botany. I may say that we are interested in some future connection between you and this Museum when you move to this area. Dr. Truxal will be able to give you further information in his conversation with you.

Sincerely yours,

Herbert Friedmann Director

HF:mp

August 17, 1966 Southern Illinois University

CARBONDALE, ILLINOIS 62901

Department of Botany

Dr. Velva Rudd, Associate Gurator Department of Botany Smithsonian Institution Washington, DC.

Dear Dr. Rudd:

We are getting Tom Elias' large Inga loan together and it should be coming back soon. The loan will probably beat me as I won't leave for the east until about the 3rd of September and hope to visit the Fhiladelphia Academy of Natural Sciences Herbarium and the New York Botanical Garden Herbarium before coming back to the Smithsonian.

My arrival time at your herbarium will be 1:00PM, Wednesday, September 14, 1966 and I'll be able to stay Thursday and Friday also, unless I receive word from your office that this date is inconvenient.

Probably I'll examine the  $\underline{\text{Dioclea}}$  again and look at some of the other genera close to  $\underline{\text{Dioclea}}$ .

If I see the type of <u>Dioclea multiflora</u>(T.& G.) C.Mohr at New York perhaps I could annotate the specimens of this species at the Smithsonian if you feel this would be appropriate. I've concentrated on this taxon during the summer and visited the Kentucky population yesterday collecting more peduncles and digging up several tubers which I've planted in one of our green houses. The tubers are certainly interesting and I'll eat some this winter. I'll make one more trip to Kentucky this fall to excavate the dormant root systems of larger plants that flowered this summer and to collect fruits to germinate for root tip chromosome counts. I've collected enough(?) buds and they are fixed and stored ready for examination this winter.

Perhaps the summer hasn't been a total loss but we've had a frustrating time. Almost the last straw was the turning off of the refrigerated water after the hoped for air conditioner was finally installed. The monstrous unit sits there and we can turn it on and off but we're no better off than we were in June.

Per +14 - 20/1 1,1006

I certainly look forward to the air conditioned comfort of the Smithsonian's herbarium and, of course, to seeing you again. I hope your summer has been more productive.

Sincerely,

Dick Muxwell

Richard H. Maxwell Graduate Asst.

August 29, 1966 AIR MAIL Mr. O. F. Francke Tecni-Camp Apartado No. 33, Ave. Reforma 306-3 Cosamaloapan, Ver., MEXICO Dear Mr. Francke: Do I understand correctly that you want to send photographs for identification? We are occasionally asked to do that for the National Geographic Magazine and find it difficult, if not impossible, to be certain of the correct names unless the flowers, leaves, etc. are very clearly shown. A pressed specimen permits more accurate identification and is desirable to serve as a voucher. (Enclosed is a leaflet on plant collecting). You also do not say how many names you need. I am responsible for naming and curating the Mexican plants here at the Museum. I have a backlog of about 4000 specimens that need names so it would take a while to get to yours. On October 21 I plan to leave for Mexico City for the Tercer Congreso Mexicano de Botanica to be held 24-28 October. If you have an opportunity to attend the meetings you might find various people who can help you. I assume you have approached Dr. Arturo Gomez Pompa at the University and Dr. Jerzy Rzedowski at the Instituto Polytecnico. Of the younger botanists they should be the most capable of helping you. Sincerely yours, Velva E. Rudd Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

### O. F. FRANCKE

Palenque No. 519

México 13, D. F.

Apart. # 33 Cosamaloapan, Ver.

September 3 - 1966

Miss Velva E. Rudd, Smithsonian Institution, United States National Museum, Washington, D.C. 20560.

Dear Miss Rudd:

I had the pleasure of receiving your kind letter dated on the 29th of August last, also the leaflet enclosed. Thank you.

It seems incredible that notwithstanding the fact I approached several botanists at the Universidad Nacional de Mexico and the agricultural college at Chapingo, nobody seemed to be willing to help, reason why I had to try to get the information I need outside of Mexico. Dr. Arturo Gomez Pompa and Dr. Rzedowski I never had heard about, but I have already written them, and hope to find cooperation from them or from younger botanists they may recommend.

I will try my best to be in the City during the Third Congress, and thank you personally for your letter. Anytime you may wish any specimens or data from this part of Mexico let me know about it.

Respectfully

O.F. Francke, Agr.

Department of Botany

9 September 1966

Air Mail

Dr. Eizi Matuda Apartado Postal 29864 Mexico 18, D. F., Mexico

Dear Dr. Matuda:

Here are some more names for plant specimens you sent for determination a long time ago. As you will see, some are new species and some are new combinations as yet unpublished. A few are reidentifications of numbers previously reported to you.

- Physalis viscosa var. cinerascens (Dun.) Waterfall, comb. ined. Det. U. T. Waterfall
- Physalis amphitricha (Bitter) Standl. & Steyerm. Det. U. T. Waterfall
- 470. Nectandra rudis Allen (Type collection) Det. C. K. Allen
- 590. Phoebe psychotrioides (H. B. K.) Mez Det. C. K. Allen 617. Nectandra salicifolia (H. B. K.) Nees Det. C. K. Allen
- 2363. Vaccinium confertum H. B. K. Det. J. H. Beaman
- 2651. Persea flavifolia Lundell Det. C. K. Allen
- 2886. Buddleia nitida Benth. Det. J. H. Beaman
- 3922. Eupatorium ovandense Grashoff & Beaman, ined. (Holotype at U. S.) Det. J. H. Beaman
- Grimaldia (Cassia) confusa B. & R. Det. H. S. Irwin 4422.
- 16258. Eupatorium ovandense Grashoff & Beaman, ined. Det. J. H. Beaman
- 18812. Achaetogeron mexicanus (A. Gray) DeJong Det. J. H. Beaman 18843. Achaetogeron mexicanus (A. Gray) DeJong Det. J. H. Beaman
- 19025. Dalea bicolar Humb. & Bonpl. ex Willd. Det. R. C. Barneby
- 19032. Potentilla Candicans H. B. K. Det. J. H. Beaman
- 19072. Solamum heterodoxum Dunal Det. C. V. Morton
- 19177. Potentilla Candicans H. B. K. Det. J. H. Beaman
- 19312.
- 19312. Reseda luteola L. Det. V. E. Rudd 19486. Zinnia peruviana (1.) L. Det. A. M. Torres 19525. Physalis stapelioides (Regal) Bitter Det. U. T. Waterfall
- 19533. Cassia tomentosa L. Det. H. S. Irwin
- Dalea acutifolia me . Secre ex De Det RE Bankly

19632. Dalea sericea Lag. Det. R. C. Barneby
21043. Zinnia peruviana (L.) L. Det. A. M. Torres
26905. Centaurea rothrockii Greenm. Det. V. E. Rudd
29348. Eupatoriastrum triangulare (DC.) Robins. Det. G. Grashoff
30311. Tephrosia abbottiae C. E. Wood Det. C. E. Wood
30593. Cassia aff. tonduzii Standl. Det. H. S. Irwin
31231. Gassia flexuosa L. Det. H. S. Irwin
31504. Zinnia elegans Jacq. Det. A. M. Torres
31551. Erythrina brevifiora DC. Det. V. E. Rudd
31776. (mixture) Dalea urceolata greene var. tripetala (P. G. Wilson)
Barneby
D. obreniformis (Rydb.) Barneby, comb. ined. Det. R. C. Barneby

32235. Draba jorullensis H. B. K. Det. J. H. Beaman

32266. Cassia (Chamaecrista) palmeri Wats. Det. H. S. Irwin

32286. Dalea bicolar var. canescens (Mart. & Gal.) Barneby, comb. ined.
Det. R. C. Barneby

I hope you are well. I look forward to seeing you again soon at the Congreso.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

VERudd: pvs

Dr. Rudd a copy September 16, 1966 Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina 27706 Dear Bob: We are now sending you on loan the four specimens of Lepanthes that Bill Stimson selected when he was here. It was nice meeting him and Jim Perry. They appeared to be a couple of nice, eager young men of the sort we need in botany. Sincerely, Velve E. Rudd Curator Department of Botany Enclosure VERudd/chl **Hunt Institute for Botanical Documentation** 



COLLEGE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATIONS AGRICULTURAL EXTENSION SERVICE SCHOOL OF FORESTRY

HERBARIUM
312 ROLFS HALL
GAINESVILLE FLORIDA

September 29, 1966

Dr. Velva E. Rudd Giv. Of Phanerogams Smithsonian Inst. United States Nat. Mus. Washington, D. C.

Dear Dr. Rudd:

Dr. Tin Myint has completed his work at this institution and returned to his home in Burma. His present address is Department of Botany, Arts and Sciences, Mandalay, Burma.

While at the University of Florida Dr. Myint completed two theses.

A Revision of Bonamia and Stylisma (Convolvulaceae) in North America, North of Mexico, (M.S., February, 1962).

A Taxonomic Revision of the Genus Bonamia (Convolvulaceae) (Ph.D., December, 1964).

Enclosed is a reprint of <u>Revision of the Genus Stylisma</u> (Convolvulaceae), somewhat condensed from Dr. Myint's M.S. thesis. He and I are grateful to you for your cooperation in making herbarium materials available to us for this study.

Sincerely,

Daniel B. Ward

DBW/cjd =

minal Danumantation

# National Geographic Magazine

WASHINGTON, D. C. 20036

SPECIAL PUBLICATIONS DIVISION

October 5, 1966

Dr. Velva Rudd Department of Botany Smithsonian Institution Constitution Avenue

Dear Dr. Rudd:

Thank you for your patient help on Monday. Would you be good enough to read the captions (while looking at the color pictures) for flora to be included in our forthcoming book <u>Isles of the Caribbees</u>.

You can call me (296-7500, ext. 867 or 849) any day this week before 2 p.m. to verify or correct our facts.

We are enclosing pages 18, 22, 79, 86, 87, 88, 91, 148, 184, 185, 198 and transparencies marked correspondingly.

Many thanks.

Sincerely,

Peggy Winston Researcher Mr. W. G. D'Arcy Department of Botany University of Florida 312 Rolfs Hall Gainesville, Florida

Dear Bill:

Thank you for your long ago letter of July 18. I have just now fixed the dates for my forthcoming trip to Mexico and Jamaica. I go to Mexico on October 20 and to Kingston on December 7. I hope that I will be able to get in touch with Mr. Baker and I appreciate your giving me his name and address.

How is your checklist of Tortola plants coming along? This morning I was checking a manuscript for the National Geographic Society and was reminded how convenient it would be to have a flora, or even a checklist. Please include as many as possible of the local vernacular names. That has been one of my problems with the N.G.S. They like to use common names but there is so much variation from country to country. The most recent issue of the magazine has a photograph of Deadman Bay which they plan to reproduce in their forthcoming book on the Caribees, with a caption "A pipe-organ cactus points out Tortola Island." I let it go but I don't know if that is the name used on Tortola or not. Your list could be a big help.

Best of luck to you. If you lose interest in Solanum for a project, ask Dan Ward to let you have Acacia!

Sincerely,

Velva E. Rudd Curator Department of Botany

## Southern Illinois University

CARBONDALE, ILLINOIS 62901

Department of Botany

October 12, 1966

Dr. Velva E. Rudd, Associate Curator United States National Museum Department of Botany Smithsonian Institution Washington 25. D. C.

Dear Dr. Rudd:

The applications for the predoctoral internship have come and I will get them in within a month or so. The deadline is January 10 and, if I am successful, tenure could begin any time after July 1.

As for this academic year, I am still hopeful of passing German, the prelims, and the orals by spring or early summer.

Should things be piling up on you, let whatever comments you might like to make on the enclosed material go until after you return from Jamaica.

Basically, this unpolished material is one half my dissertation and will include a pollen discription, chromosome count (?), anatomical analysis of the tubercle, pertinent microphotographs, elaborations of techniques, and a distribution map of this endemic taxon. I would expect to have this finished by the summer. Let me know if you feel critical characters have been left out. If I can accomplish the above, I would assume the Botany Department would recommend me for the second year of the fellowship to finish up the Ph.D.

The second half of my dissertation will be the classic revision of <a href="Diocles">Diocles</a>. This is the part I am limping along on and would like to finish at the Smithsonian. This is the part which is ballooning way out of proportion in regard to a Ph.D. dissertation and may have to be curtailed depending on the circumstances.

My three days at Chicago were profitable. For one thing, I found the <u>Cleobulia multiflora</u> Benth, I determined at the Smithsonian are probably <u>Cleobulia leiantha</u> Benth. This is the one that keeps appearing as <u>Dioclea guianensis</u> Benth. in collections. Other interesting things keep cropping up, but German comes first.

MACBRIDE LUMPS CLEOBULIA 4

CRATYLIA UNDER DIOCLEA

PUBL. FIELD MUS. NAT. HIST. CHICAGO,
BOT. SER. XIII. III. 3.26 (1943) PERU)

(FLORA OF CRATYLIA UNDER DIOCLEA

Dr. Velva E. Rudd, Associate Curator Page 2 October 12, 1966

Dr. Mohlenbrock sends his regards and thinks the fruit illustrated with Atelia ovata is from a -type housed at Harvard.

I have written Tom Elias about your suggestions regarding his work and will see him at the Symposium on Systematics at St. Louis this weekend. He certainly will appreciate your comments.

I hope your paper goes well in Mexico City and you have a good trip and a nice Christmas. You probably will have enough to do without <u>Dioclea</u> but it is there and I would be interested in field notes on the ontogenetic changes if convenient. Does leaflet color change with age, pubescence from young to mature parts, if the stems persist, are the inflorescences cauliflorous or is new growth at ends, etc.

Thanks again for the dinner, the umbrella loan, and, above all, the interest.

Sincerely,

Dick Maxwell

Dick Maxwell

jmp

Enclosure

October 19, 1966

AIR MAIL

Dr. Arturo Burkart Instituto de Botanica Darwinion San Isidro, F.C.N.G.B.M. ARGENTINA

Dear Dr. Burkart:

Thank you for the return of <a href="https://www.hyou.com/hyonobia">https://www.hyonobia</a>. In looking at <a href="https://www.hyonobia">Eriosema</a> edule, which looks more like <a href="https://www.hyonobia">https://www.hyonobia</a>, I can't help but wonder if the seed character is really good to separate the genera. In some other genera we have both long and short hile.

From Alicia Lourteig I hear that you will be in Europe next year. I hope to get there, also, and would like to see you. Alicia, however, wants to be certain that we are not at the Paris herbarium at the same time because either one of us alone will keep her too busy and the working space is limited. When you know your plans I should appreciate a copy of your itinerary. Perhaps our paths can cross somewhere else where there is more space, such as at Kew or the British Museum.

Enclosed are three reprints that you might not have.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosures

VERudd/chl

Acodemia Nacional de Ciencias Esactay, Finican y Naturales de Buscos Aires

INSTITUTO DE BOTANICA DARWINION SAN ISIDRO, F. C. N. G. S. M. ARGENTINA

San Isidro, December 14th, 1966

Miss Velva E. Rudd Department of Botany Smithsonian Institution United States National Museum Washington DC. 20560 U.S.A.

Dear Dr. Rudd:

Thank you very much for your letter of October 19th and the tree separate copies of your latest papers on Acacia and Desmanthus.

I agree with you about Eriosena edule beeing of the habit of Rhynchosia, but if we neglect the hilum character, I don't see any other to erarate both genera.

Certainly it will be a pleasure for us, my wife and myself, to me you again, this time in Europe. Our itinerary begins in Kew at about 1st of Mech: we hope to be at Paris at the end of the same month and then proceed to the Pa Museum. We have already written to the director Mr. Aubreville and to Dr. Aliga to announce our visit. I don't believe that there will be difficulties as tog working place.

I am sending some papers in exchange (Adesmia, Vicia).

Sincerely yours, Affino Bullant?

DIRECTOR

### NEW MEXICO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF BIOLOGY

BOX AF, LAS CRUCES, NEW MEXICO 88001 TELEPHONE (505) 845-3511

December 16, 1966

John J. Wurdack, Curator Division of Phanerogams Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Sir:

I am currently engaged in a taxonomic revision of the genus <a href="Hoffmanseggia">Hoffmanseggia</a> (Leguminosae). A proposal has been submitted to N.S.F. for possible support of this project. In addition to field studies, I am anxious to examine all available herbarium material, including types. I would greatly appreciate it if I might borrow all your available specimens of this genus. The initial plan is to first revise just the North American species; however, it is desirable to also examine the specimens from outside North America. I will, of course, be glad to pay postage both ways and will guarantee safe-keeping of them. There are adequate herbarium cabinets for the storage of borrowed specimens.

I will, of course, annotate the specimens.

Sincerely yours,

Dr. Don Gordon Curator of the Herbarium

Dan Dordon

DG/nm

## NEW MEXICO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF BIOLOGY

EOX AF, LAS CRUCES, NEW MEXICO 88001 TELEPHONE (505) 846-3511

December 22, 1966

Mr. John J. Wurdack Division of Phanerogams Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Sir:

I recently wrote to your institution requesting herbarium specimens of the genus <a href="Hoffmanseggia">Hoffmanseggia</a>. I would like to cancel that request. After a thorough literature search including a check of all taxonomic indexes as well as the current index of taxonomic research sponsored by the A.S.P.T. , I was convinced work on this genus was not being pursued elsewhere. Today, Dr. Marshall C. Johnston, of the University of Texas called to inform me that one of his graduate students has been working on a revision of <a href="Hoffmanseggia">Hoffmanseggia</a> for two years. Needless to say, no attempt was made to inform the taxonomic world of this research.

I regret any inconvenience I may have caused you. If the specimens have already been sent to me I will, of course, return them immediately with the postage paid.

Sincerely yours,

Don Gordon

Curator of the Herbarium

1 Down Manda.

DG/bjm

Dr. John Wurdack U.S. National Herbarium Smithsonian Institution Washington, D.C.

Dear Dr. Wurdack:

I am enclosing herewith two herbarium specimen for identification.

No.1 Plant herbaceous, 20-40 cm high. Flowers redish. Collected at State of Mexico, Mexico, about 2,300 meters. Nov/22/66.

No.2. Composita@. Large vine in thickets. Collected near Tierra Colorada, Guerrero, at about 800 meters. Flow@rs yellow. Pollen: red Nov/23/66.

Dr. Callaway Dodson recommends to send to you the enclosed specimen for identification. I would appreciate it very much your kind attention to this matter.

With my best wishes to you for the New Year, I am,

Sincerely yours.

Suzalo October Dr. Gonzalo S. Ordetx

Address:

Apartado Postal M-7404 Mexico 1, D.F.,

MEXICO.

Ladislas Paray

January 9, 1967

Dr. John H. Beaman Department of Botany and Plant Pathology Michigan State University East Leneing, Michigan 48823

Dear John:

Many thanks for the "official" photo of the field trip which I found on my desk when I returned. How much do I owe you? How did the shot I took of you turn out, or didn't it?

The remainder of my stay in Mexico City and my visits to Yucatan and Jamaica were pleasant and worthwhile. You should seriously consider lowering the elevation of your montane interests. There are some very pretty mountains in Jamaica!

It was nice seeing you. Best wishes to you all for a prosperous, etc. New Year.

Sincerely,

Velva E. Rudd Curator Department of Botany

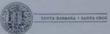
VERudd/chl

Dr. Rudd's copy January 12, 1967 Dr. Daniel B. Ward Department of Botany University of Florida Gainesville, Florida 32601 Dear Dan: We are at last sending you on loan, as requested in your letter of October 23 to Lyman Smith, 558 sheets of Heliconia, including 61 sheets of type material in folders, and 7 photographs for study by Mr. Robert R. Smith. Also included are some of Lene's unpublished types which we doubt ever will be published. I am not sure if the species in Panama are related to the South American or if those from Colombia are related to the Central American. At any rate, I am not including Colombian collections, but you might keep them in mind. This loan represents all of our material of Heliconia from Mexico, Central America, and the West Indies. Because it leaves the cupboard completely bare, with nothing for comperative purposes, early return of at least the "easy" species will be appreciated, with annotations, of course. Also included in this shipment are 288 unmounted specimens being sent in continuation of exchange. Sincerely yours, Velva E. Rudd Curator Department of Botany Enclosure VERudd/chl Hunt Institute for Botanical Documentation

January 17, 1967 Dr. Robert L. Wilbur Department of Botsny Duke University Durham, North Carolina 27706 Bear Bob: Thank you for the 307 plant specimens that you recently sent in continuation of exchange. Although much of the material appears to represent fairly common species, our holdings in West Indian collections are relatively light. I appreciate your space problem. We too are already having difficulties, chiefly due to a lack of sufficient cases, so we too will have to be more selective as time goes on. Sincerely, Velva E. Rudd Curator Department of Botany VERudd/ehl Hunt Institute for Botanical Documentation

#### UNIVERSITY OF CALIFORNIA, BERKELEY

REPORTED TO SEATE OF DEVINE A LOSS AND THE A SEPTEMBRE A REAL PROPERTY OF THE PROPERTY OF



HERBARIUM DEPARTMENT OF BOTANY BERKELEY, CALIFORNIA 94720 1 Febr. 1967

Dr. Velva E. Rudd, US

Dear Velva,

Thanks for your 1967 dets. of 4444 Aeschynomene egena, and 5058 Amicia glandulosa H.B.K. For both of these I enclose final distribution labels---this material will go out as indicated.

Irwin had det. 5058 as <u>Poiretia</u> sp. nov. aff. P. scandens Vent. I have notified him of your det.

Very sincerely,

Paul C. Hutchison Sr. Botanist

February 1, 1967

# Southern Illinois University

CARBONDALE, ILLINOIS 62901 Botany Department

Dr. Velva E. Rudd Associate Curator U.S. National Museum Department of Botany Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

Thank you for the Christmas card. I'm glad you had a good trip and assume you are safely back in Washington.

I've been plugging along with <u>Dioclea</u> et al and have made some progress but it has been rather slow. What I am trying to do is, as you suggested, work through the names chronologically and try to fit the descriptions to the plants. It sounds simple but with the early names more problems have developed than have been solved.

Every Friday I go to St. Louis and Dr. Van Schaack helps me in their library. In working through the names I'm trying to look at every piece of literature that mentions Dioclea.

I also take some of our Mexican plants over to St. Louis to determine using their herbarium. Tom Elias is there and sometimes we work together on SIU's Mexican material and Missouri's Panama, Ecuador, Peru, etc. etc. collections.

Tom is getting ready to submit his <u>Inga</u> section Inga to the Annals and I feel sure they will publish it, perhaps as early as the September issue.

Last Monday and Tuesday I was in Dr. Lewis' palynology lab at Washington University in St. Louis and some of his graduate students showed me the procedures they use their in acetolysing pollen. I've done some and will make reference slides of the close genera, Cratylia, Cleobulia, Cymbosema, Centrosema (1 spp. which may be confused with Dioclea), Luzonia, Macropsychanthus, Muncuna (already a type grain described) and good old Galactia (which may have operculate grains).

In any case the revision went beyond a dissertation some time ago and we are having trouble defining what is a dissertation and what is future work. I'm accumulating or already have the original descriptions of <a href="Cratylia">Cratylia</a>, Cleobulia, and <a href="Macropsychanthus">Macropsychanthus</a> and know I'll have to examine "sections" of <a href="Galactia">Galactia</a> very carefully.

In addition to the pollen I still plan a morphological study of the tubercles and have a key and an all hours pass to the cytology- microtechnique lab when I'll do the sectioning. Dr. Olah will also supervise my chromosome counting. These are techniques I'd like to review or learn.

Hunt Institute for Botanical Documentation

The bushel basket of dormant root systems I collected last fall and planted in one of our greenhouses have begun to sprout so I should have live material this summer closer than Kentucky to work with. I may have to move to the Cytology house this summer as every desk is filled in the herbarium now and they are to tear the barracks down where I have my little lab this summer for the new Life Science addition.

When the decision is handed down on the predoctoral internship my committee will meet and try to define my dissertation. If the decision is no I think I'll have to forget <u>Dioclea</u> and related genera in the other hemisphere(except for a couple of specific problems) and concentrate on the species in this hemisphere until I can get settled somewhere else.

The financial data sheet with the application really stumped me but rather than try to be a dollar a year man, I simply asked for the difference in the cost of living between Washington and Carbondale. Whether this would give me some sort of an edge I don't know.

Another unsettling aspect was the fact that I didn't receive the post-card indicating the application was complete. I finally called before Christmas and someone assured me my application was complete and said she didn't know why the card wasn't sent. I may have an affinity for this since the graduate school lost my whole application file for the fellowship but someone remembered seeing it and they extended the deadline for me.

If successful I asked to begin in September as unfortunately there is still German to consider. I failed 2/3 s, the control which dealt with the history of the development of the cog-wheel (gears), and one of the passages from my book, the first page which was the dedication of the fourth edition. I'll try again in May and if I pass then there will still be time to try the prelims this summer.

Tom Elias made Panama during Christmas but the best I could do was Indiana. Yesterday I had all my boosters and small pox innoculation and have been assured a place on a 10 day to 2-week trip to British Honduras in late March early April.

After agreat deal of careful thought I've also written Dr. H.S. Irwin(N7) indicating I'd like to join him in South America during the summer of 1968. This is pretty dubious as he may well have forgotten our conversations but if the more or less invitation is still open and feasible I'd apply for an American Philosophical Society Grant to cover the plane ticket. My fellowship would cover the living cost while I collect materials for future research. Would you be willing to act as a referee if I apply for a grant?

Now you are pretty much up to date. I hope to have a workable key sometime before spring and would try it at Chicago and Michigan but don't plan to come east until after the prelims.

I'll indicate a few things about Dioclea vs Mucuna;

|          | Mucuna   | Dioclea   |
|----------|--|---|
| Inflor.  | pendant  | always erect  |
| Flowers. | clustered at the end   | spread along the peduncle or along upper half.  |
| Fruits.  | some flanged on both sutures variable  | never flanged on the lower suture   |
|          | pendant  | horizontal, never hanging down in a cluster?  |
|          | cup-shaped calyx persists with<br>a stipe between the cup and the<br>enlargement of the fruit. | more or less acuminate calyx<br>lobes on persistent calyx and<br>other flower parts but no<br>distinguishable stipe on<br>fruit |
|          | bracts may persist on fruiting peduncles   | no bracts on old fruiting peduncles   |
|          | some with stinging hairs   | never stinging hairs  |
| Flowers. | standard not reflexed ?  | standard always reflexed  |
|          | wings, longer than keel, dark  | wings, equal to or shorter than keel, light.  |
|          |  |   |

Mucuna seems to need revision also but I don't have as much trouble distinguishing it from <u>Dioclea</u> as 2 or 3 other genera. You may have a new <u>Mucuna</u> in Maguire and Maguire # 44421, named <u>Dioclea</u> aff. <u>latifolia</u> Benth., Huanuco, Peru. I've seen about 5 or 6 specimens of that now and it certainly doesn't fit into my idea of Dioclea.

We have had a beautiful week here. It was way up into the 60 ties again today. I rewarded myself for extending the range of <a href="Cymbosema roseum">Cymbosema roseum</a>
Benth. through Central America into Mexico by going out into the woods Sunday and if the weather holds will head for Kentucky this weekend.

My apologies for such a long letter. I hope your work is going well and that your weather has been reasonable.

Sincerely,

Dick Maxwell

Richard H. Maxwell Grad. Fellow

February 9, 1967

#### AIR LETTER

Dr. Gonzalo S. Ordetx Apartado Postal M-7404 Mexico 1, D.F., MEXICO

Dear Dr. Ordetx:

The two specimens that you sent to Dr. Wurdack for identification, and which were turned over to me are:

1. Lopezia racemosa Cav.

2. Bidens pilosa L., sensu latior.

The specimens were awaiting me when I returned from Mexico. You would have received an answer sconer had you sent them to the Instituto de Biologia, at U. N. A. M., or the Instituto Politeonico:

Sincerely yours,

Velva E. Rudd Curator Department of Botany

# L. H. BAILEY HORTORIUM NEW YORK STATE COLLEGE OF AGRICULTURE A CONTACT COLLEGE OF THE STATE UNIVERSITY CORNELL UNIVERSITY ITHACA, NEW YORK 14850

February 21, 1967

Dr. Velva E. Rudd, Curator Department of Botany Smithsonian Institution Washington, D. C.

Dear Dr. Rudd,

Thank you for your letter concerning the palm collection of Moore, et. al. 9369 which was missing from the package of other palm material which we had sent to you in January. This is a putzle to me since I had checked all of the outgoing material myself and my assistant had checked them again after he found one label had fallen off. It is always possible that a complete set was sent to another destination in the process of packaging 10 sets at one time. As I recall, # 9369 consisted only of a portion of an inflorescence and could be more readily mislaid than the usual palm specimens. I'm sorry you did not receive this and I hope It comes to light eventually.

Dr. Moore is still on his field trip in South America but when he returns in early April I shall remind him about the <u>Chamaedorea</u> loan and we will return whatever part he has completed.

I had hoped I would have the opportunity to meet you when I was in Washington in December. I am sure that you know better than most, what an hortorium is. I enjoyed talking with several members of the staff and browsing in the library. My time was limited since I had to take part in the National Council meetings, but I hope to return again at the earliest opportunity.

Sincerely,

Margaret M. Stone,

Compton

DEPARTMENT OF BOTANY

February 22, 1967

Dr. Stanwyn G. Shetler Department of Botany Smithsonian Institution U.S. National Museum Washington, D.C. 20560

Dear Stan:

In continuation of our exchange with the Smithsonian we are sending 269 specimens collected in Jamaica by Bill Anderson last summer. Naturally I hope they prove of interest and I know they are much better prepared than the average tropical exchange that we see. They were particularly attentive to Elaphoglossum and the Hymeno-phyllaceae so they may be of interest to Dave. According to our records this brings the Vascular Plant exchange to 1076 vs 594 in Duke's favor (i.e. we have sent more than we have received). Naturally I hope you will remember us in future exchanges of Middle American plants.

I suspect I'll be writing you soon again to announce another Dominican shipment. I see where the National Research Council is pushing for an inventory of Hawaii's biota. Those islands are my greatest botanical interest and I would greatly appreciate hearing from you or having you put in a good word for me if there comes to your attention any plans for doing its flora. I'd like nothing better than to turn my full time and interests to its flora. It doesn't make much sense located as I am on the East Coast but my year there with Cowan and Webster made a most favorable impression upon me.

Sincerely,

Robert L. Wilbur

BLW SED

#### Dr. JOSE DE JS. JIMENEZ

Calle Máximo Gomes 54

SANTIAGO DE LOS CABALLEROS

REPUBLICA DOMINICANA, Antillas (W.I.)

Feb. 24, 1967

Miss Velva Rudd Washington, D. C.

Dear Miss Rudd:

This is to inform you that by air-mail (registered) I have sent you a new set of plants ranging from Nº 5105 to 5174. All are double: one for the Smithonian and the other for Bro. Alain. In this way I hope that there will be no trouble. Is it not?

In this new set I have given my own identities hoping that this will save you time. In only one item the specimen is a single one because of lack of material.

Please send me more printed lables: half with my name and the other half with both Prof. Marcano and my name. Other part with Prof. Marcano's name only. If there is any expense please let me know. Thanks a lot.

ne le pres

With best wishes I am yours very sincerely

Hunt Institute for Botanical Documentation

February 27, 1967

Dr. Velva E. Rudd Gurator, Department of Botany U. S. National Museum Smithsonian Institution Washington, D. C. 20560

Dear Velva:

In reply to your note of February 20, it is indeed possible to get 5 x 7" prints of Field Museum negatives of type-photos, provided they are in the regular Museum series (which includes all of those made by Macbride).

However, prints of the Sessé and Mociño collection are not available -- you may have heard something of the tarara raised by Madrid concerning those negatives. If you only want to see one of those prints, and it is one which we happen to have on hand, I could probably "lend" it to you, but we have promised Madrid that we will not sell nor exchange them.

Any other type-photo prints are available at a cost to you of 40 cents each -- or can be sent in exchange. At present, we owe you people several thousand specimens in exchange, and would be happy to partially settle this debt in prints rather than in specimens.

Let me know which families you would like , or which genera (all Leguminosae?) and we can get them ready within a few days. We have index lists of negatives completed for most of the large families; would you like to see a list of those available for the Legumes?

I'll be glad to see the Mexican Cobaeas.

Thanks for the kind words about the weather. We are all glad that L.O.W. returned in time to enjoy it.

Give Dare our best wishes when you see her, please.

Sincerely,

Dorothy/Gabson Custodian of the Herbarium

ROOSEVELT ROAD AT LAKE SHORE DRIVE . CHICAGO, ILLINOIS 80805 . Area Code 312 922-9410

Dept. of Natural Science Michigan State University East Lansing, Michigan 48823 28 February 1967

Dr. Velva Rudd, Gurator Dept. of Botany Smithsonian Institution Washington, D.C. 20560

Dear Velva,

Many thanks for the specimen determinations: The only interesting one, it seems, is the <a href="Acacia">Acacia</a>. Glad you are pleased with it. We have no specimens at all in our herbarium of this species. I must try to re-collect it this summer when I go back to San Salvador.

I am off for a weekend (yes, just a weekend) on Andros Island. I'm sure that you'd prefer that I collect no legumes with which to plague you. I'm attending a conference in St. Petersburg, and cannot be so close to the Bahamas without a quick trip over there to be sure the plants are behaving themselves. Andros is not well collected, but then what is down there? The eastern islands are worse off.

I very much appreciate your willingness to tackle these bothersome determinations for me. Once in awhile, they may pay off with something really intriguing. I'll do my best.

Sincerely,

William T. Gillis

Dr. Rudd's copy March 2, 1967 Dr. G. Neville Jones Department of Botany University of Illinois Urbana, Illinois 61801 Dear Dr. Jones: We are now sending you on loan 35 sheets of Mexican Salix as requested in your letter of January 30. Included ere one type and two isotypes. There is some material out on losn to Russia for study by Dr. Skvortsov but I do not know if any of your desiderata are included. Your annotations will be appreciated. Sincerely yours, Velva E. Rudd Curator Department of Botany Enclosure VERudd/chl **Hunt Institute for Botanical Documentation** 

Balbon, C.Z. 3 MARCH 1969.

Curater, National Herbanium. Smith senian logistulian, Washington, D.C.

SiR-

plant collected on Route 190, Mexico, about 12-15 KM north of OAXACA., Nor. 29, 1967, for a name. I suspect it is Lacked spp. Not contain.

I requet That The specimen

I regart that The specimen I rets the sect system. If a better specimen is Required, please notify me before 2 April as I will be relupning nexth over the same reste and will be able to obtain a more presentable specimen.

inclosed U.S. Air Mail stamp for

Note:
After 1 April, 1967
Rt.#1, Raphine, VA.

Respectfully
Adaien W. Bouch's
Box 2126
Balbon, C.Z.

# STANFORD UNIVERSITY

STANFORD, CALIFORNIA 94305

Department of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY

March 8, 1967

Dr. Velva E. Rudd Department of Botany U. S. National Museum Washington, D. C. 20560

Dear Velva,

Thank you very much indeed for the new identifications. We shall continue to be extremely grateful for as many as you can send, especially in <u>Phaseolus</u>. We hope to have our monograph in good order by June, and if I run across any other specific collections for which we badly need identifications, I will write you.

Sorry I couldn't identify your <u>Lopezia</u> for you but then I am a little confused about the genus myself!

I, too, wish we could have had a longer time to visit when I was in Washington, but perhaps this will be possible when I attend the Systematics Institute in early July.

With all good wishes,

Yours sincerely,

Peter H. Raven Associate Professor Biological Sciences

PHR: pb

March 9, 1967 Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina 27706 Dear Bob: Thank you very much for the 269 specimens you recently sent in continuation of exchange. With your specimens added to those that George Proctor has been sending from time to time, we should have a fairly representative collection from Jamaica, at least from the more accessible areas. I got into some of the Cockpit country when I was there in December and noted that there is a good bit of territory yet to be explored. Thanks again for sending the material. Sincerely. Velva E. Rudd Curator Department of Botany VERudd/chl **Hunt Institute for Botanical Documentation** 







COLLEGE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATIONS AGRICULTURAL EXTENSION SERVICE SCHOOL OF FORCETTY

THE HERRARIUM DEPARTMENT OF BOTANY SIZ ROLFE HALL GAINESVILLE, PLORIDA 12601

March 14, 1967

Dr. Velva E. Rudd, Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Dr. Rudd:

Mr. Smith and I are very happy to receive the Smithsonian material of <u>Heliconia</u> and the unmounted duplicates.

The duplicates form quite a potpourri, and we are happy to find many interesting groups from areas where we need more material. The Florida material is interesting, too, for it is mostly Dr. Leonard's ethnobotanical vouchers.

But the <u>Heliconias</u> gave us some concern. Bob ultimately counted them three times, and each time came up with a total of only 552 specimens, including 60 types. This is in contrast with your tally of 558, including 61 types. We will do as you requested, and return to you before the completion of the study some of the easier species, so that you will have comparative materials.

What about the coffin in which most of these specimens came? I would delight in throwing it away, but I won't do so unless you give me authorization.

Following your comments on the Acacia note, Peter Raven and I decided to reduce somewhat the length of my original paper, thus avoiding the problems that your comments raised. I'll have to face them ultimately, however, for we have also found two stations on the lower west coast of what appears to be definite A. tortuosa — at least what has been going by that name — and this gets me right back in the problems

Dr. Velva E. Rudd Page 2 March 14, 1967

that your comments raised. Curiously, both of the stations are on gigantic shell mounds, the product of prehistoric Caloosa "civilization", and are thus technically 'disturbed" sites.

Sincerely,

20m

Daniel B. Ward Curator

DBW/cjd cc Enclosure

March 20, 1967

AIR MAIL

Mr. Adrien M. Bouche Box 2126 Belboa, CANAL ZONE

Dear Mr. Bouche:

The orchid specimen you sent for identification seems to match our material of <u>Leelia furfureces</u> Lindley. None of us here at Smithsonian are orchid specialists so in the future if you have any problems in that family you might check with Dr. Louis O. Williams, Field Museum of Netural History, Roosevelt Road at Lake Shore Drive, Chicago, Illinois 60605; Dr. Donovan S. Correll, Texas Research Foundation, Renner, Texas 75079; or Dr. Robert L. Dressler, Instituto Botanico, M.A.C., Apartsdo 2156, Caracas, Venezuela, all orchid experts.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

March 21, 1967

Mrs. Dorothy Gibson Custodian of the Herbarium Field Museum of Natural History Chicago, Illinois 60605

Dear Dorothy:

Thank you for your letter of February 27 with the word on photographs. My requests are as follows:

- 1. Please lend me, just to look at, a print of Sessé & Mociño 2017 (Ateleia nterocarra, originally named by S.& M. as Amorpha fruticosa. The sheet at P with the same name is different from the F sheet, so I should like to see what MA has.)
- 2. Please send me as exchange, as soon as possible, four 5 x 7 glossy prints suitable for publication, of F.M.Negs. as follows:

1866. Startzia weberbaueri ex B. 30639. Plate 288, Sessé & Mociño painting of Ateleia ex G.

33441. Pterocarpus microcarpus ex G.

3. Please send US as exchange, as time permits, all Macbride photos that we do not have. I believe that you have a record of all numbers sent to us previously.

Thank you very much.

Season's greetings. It is snowing here, too, as a laugh at the first day of spring.

Sincerely,

Velva E. Rudd Curator Department of Botany

March 23, 1967

Dr. José de Js. Jiménez Calle Máximo Gómez 34 Santiago de los Caballeros Dominican Republic

Dear José:

The plants arrived safely. Thank you for sending them. Bro. Alain will be here next week and can take a look at them. In the future, though, will you send the specimens directly to Br. Alain and then he will send US our share.

In a separate envelope I have sent some labels that Mr. Leonard had had printed long ago. <u>Please do not make carbon copies</u>! The carbon smears very soon and the labels become <u>mny feo</u> and, in time, illegible.

Many thanks for your Suplemento N. 1. It lookes very good and I am very glad to have it.

Best wishes to you and your Esposa.

Sincerely,

Velva B. Rudd Curator Department of Botany

Dr. Ruddi eggy March 28, 1967 Dr. Don Gordon Department of Biology New Mexico State University Las Cruces, New Mexico Dear Dr. Gordon: As requested in your letter of March 21 to Dr. Wurdack, we are sending you on loan 272 sheets of Maurandya (or Maurandia, as the case may be) and Rhodochiton. Included are 3 types and 4 isotypes in special folders and 1 photograph. Annotations will be appreciated. I am glad to see that you are tackling the Scrophulariaceae. There are plenty of problems in that family, I believe. Sincerely yours, Velva E. Rudd Curator Department of Botany Enclosure VERudd/chl **Hunt Institute for Botanical Documentation** 

# EDWIN A. MENNINGER, D. SC. THE FLOWENING THEE MANDRAWER 48. STUART, FLORIDA 35464

April 1, 1967

Dr. Velva Rudd Department of Botany Smithsonian Institution Washington 24, D. C.

Dear Dr. Rudd:

For two years I have been engaged in writing a book, Flowering Vines of the World (ornamental). Because the book is somewhat encyclopedic, I have had the collaboration of a score of distinguished scholars such as Dr. R. E. Holttum and others at Kew, Dr. Richard A. Howard, Dr. Russell J. Seibert, Dr. H. N. Moldenke, etc. The book was about sixty percent complete when in December I was involved in an automobile wreck that put me in the hospital for two months and left my vision impaired indefinitely.

Under the circumstances, I have had to seek other collaborators. I am writing you, at the suggestion of Dr. Howard, in hopes that you can find time in the next three or four months to write sketches of the vines of Camoensia, Clitoria, Derris and Wistaria. The sketches run from one hundred to five hundred words depending on the importance of the plants in the world of vines. A sample sketch is enclosed for style.

I hope you will give serious consideration to my request because I think this book will be an important contribution to horticulture literature.

Sincerely yours,

Edwin a Menninger per VL Edwin A. Menninger, D.Sc.

Encl.

#### SAMPLE COPY

Senecio confusus Britton.

· Common names: Mexican flame vine, orange glow vine, trailing groundsel, Mexican disy, Mexican fire vine.

Climbers are rare xm in the sunflower family but in the enormous genus <u>Senecio</u> (1200 species — the largest genus of all), are half a dozen excellent vines that are often cultivated in warm gardens. They are mostly herbaceous and creep or tend to/trail over other plants although with opportunity and proper support they will cover fences fama/climb 30-foot trees.

Commonest in Florida and California is the Mexican flame vine, a rampent evergreen that covers stumps, waste places, and fences with handsome abandon. The showy orange or orange-red daisy flowers 1½ inches in diameters, are in abundant clusters who produced most of the year, though in greatest profusion in spring and early summer. It is one of Florida's

Dr. JOSE DE JS. JIMENEZ
CALLE MAXIMO GOMEZ No. 34
SANTIAGO DE LOS CABALLEROS
REP. DOMINICANA

R

April 5, 1967

Dear Velva:

Please not to worry about the labels because at last I found a printing that made me some pretty good.

It wise of your part to advise me to send the specimens to Bro. Alain.

Please tell Lyman and to Cowan that I have seen that they have published the Bromeliaceae and Rutaceae of the Guayana Highland and that I would wellcome the sending repirnts of their works if possible.

I hope that I am not bothering you too much. With best thanks I am yours very sincerely

P.S.-In the future will send good labels "que no sean feos".

En. hatt = +7

April 13, 1967

Dr. William T. Gillis Department of Natural Science Michigan State University Bast Lensing, Michigan 48823

Dear Bill:

Your latest gatherings are as follows:

6352 Vigna luteola (Jacq.) Benth. 6358 Haemotoxylon campechianum L. 6375 Pithecellobium bahamense Northrop 6379 Alvarados amorphoides Liebm. 6383 Stylosanthes hamata (L.) Taub. 6384 Rhynchosia minima (L.) DC. 6386 Pithecellobium hystrix (A. Rich.) Benth. 6440 Astragalus villosus Michx. (= A. intonsus Sheldon)

6449 Lupinus cumulicola Small ? (I have no better suggestion. Almost all of our specimens of this and related species have ferruginous hairs.)

6450 Crotelerie maritima Chapm. 6461 Baptisia lecontei T. & G.

The specimens are beautifully prepared and we are glad to have them.

Sincerely.

Velva E. Rudd Curator Department of Botany Dr. Edwin A. Menninger, D.Sc. Drawer 45 Stuart, Florida 33494

Dear Dr. Menninger:

Thank you for your letter of April 1, which arrived just as I was leaving on a short trip. Your book on Flowering Vines of the World sounds interesting and I wish I could help you. Unfortunately, I am very much over-committed already, and my own publication schedule is suffering.

Have you asked Dr. John D. Dwyer, Research Associate, Missouri Botanical Garden, St. Louis, Missouri? His specialty has been the Leguminosae and perhaps he would be willing to help you.

Sincerely yours,

Velva E. Rudd Curator Department of Botany



ALWAYS US ZIP CODIA tts POSTAGE

Dr. Velva Rudd Department of Botany U. S. National Museum Washington, D. C. 20560

#### STANFORD UNIVERSITY

DIVISION OF SYSTEMATIC BIOLOGY-

STANFORD, CALIFORNIA 94305 19 April 1967

Dear Velva.

Many thanks for promoting those determinations of Cassia for us! I'll get out a set of the duplicates for Irwin when they are distributed, and I'll be glad to hear from him about the ones he borrowed from your set.

All good wishes,

Sincerely,

Peter H. Raven

UNIVERSITY COLLEGE . DEPARTMENT OF NATURAL SCIENCE . KEDZIE LABORATORY

April 19, 1967

Dr. Velva E. Rudd Curator Department of Botany Smithsonian Institution Washington, D.C. 20560

Dear Velva:

As usual, I am deeply in your debt for determining and verifying the specimens which I sent you. I very much appreciate your expert opinion on the specimens which I sent. Now that the legumes have been determined properly, I shall send a set of what I collected off to Dick Howard at Harvard.

I am somewhat embarrassed by the Simaru aceae that was in among the legumes. I may have told you in advance that I was suspicious of this but had not dug around carefully enough among the bracts. Oh well!

I hope I can be less demanding of you in the next few months, although I plan a visit to the Bahamas of some length in September.

Most sincerely.

William T. Gillis

Instructor

WTG:cs

May 9, 1967

Dr. Hugh H. Iltis

Dr. Hugh H. Iltis Department of Botany University of Wisconsin Madison, Wisconsin 53706

Dear Hugh:

Thank you for the 200 Mexican and Peruvian specimens that you recently sent in continuation of exchange. Since there is quite a bit of duplication of the most common species, however, not all the material will be added to our herbarium. Some will be passed along elsewhere. I was disappointed to find no more than two legumes in the lot. Whom are you favoring with those?

Sincerely yours,

Velva E. Rudd Acting Curator-in-Charge Division of Phanerogens KM: FW

Royal Botanic Gardens, Sydney, N.S.W., Australia.

11th May, 1967.

The Director, Botany Dept., U.S. National Museum, Smithsonian Institution, WASHINGTON D.C., 20560, U.S.A.

Dear Sir,

At present there is a great deal of interest in the cultivation of Tropical and South American legumes as crop plants in Eastern Australia. Unfortunately certain genera especially <u>Desmodium</u>, <u>Phaseolus</u>, <u>Zornia</u> and <u>Aeschynomene</u> are poorly represented by Asian and American species in this herbarium. In particular I am anxious to obtain duplicates of the following:- <u>Aeschynomene denticulata</u> Rudd, <u>Phaseolus pilosus HBK</u>, <u>P. panduratus Mart</u>. ex <u>Benth</u>. and <u>P. angularis</u> (Willd.) Wight. Would you be interested in exchanging duplicates of legumes for Australian specimens of flowering plants?

The identification of a number of the legumes forwarded from some of the Agricultural Research Stations has proved difficult due to a poor representation of species in some leguminous genera, so that your assistance in building up our collection would be greatly appreciated.

Yours faithfully,

= 1/2 heldedo

K. MAIR, Director & Chief Botanist.

#### AIR LETTER

Mr. K. Mair Director and Chief Botanist Royal Botanic Gardens Sydney, AUSTRALIA, N.S.W.

Dear Mr. Mair:

In reply to your letter of 11 May 1967, I am sorry to say that, although we should like to exchange specimens with you, we do not have much to offer in the way of duplicate legumes just now. The species you list as prime desiderata, Asschynomene denticulata, Phaseolus angularis, P. pilosus, and P. panduratus, are more likely to be available from Argentina. I would suggest that you write to Dr. Arturo Burkart at the Instituto de Botanica Darwinion, San Isidro, B.A., Argentina and to Dr. Theodoro Meyer, Instituto Miguel Lillo, Tucumen, Argentina.

I have a large backlog of specimens to identify including a number of American legumes collected by H. S. McKee. There will be duplicates of those available at Camberra, I believe, once I send the names.

Please give my greetings to Miss Joyce Vickery, if she is still at Sydney.

Sincerely,

Velva E. Rudd Curator Department of Botany

Dec. Part 1 247246 17

May 22, 1967

#### AIR MAIL

Dr. Jose de Js. Jimenez Calle Maximo Gomez 3<sup>14</sup> Santiago de Los Caballeros DONINICAN REPUBLIC

#### Dear Jose:

We are now returning to you nine unicates, with identifications written on the wrappers. So far as  $\overline{1}$  can tell, that is the end of the specimens that you wanted back.

Here also are more names provided by Bro. Alain. A few of these might have been reported to you previously. Alain has recently borrowed, and returned, all of the Loranthaceae and Urticaceae from Hispaniola. Some of your earlier collections may have name changes on them but Bro. Alain will probably see your herbarium when he gets to the Dominican Republic and can "fix" things then.

4095 Rousselia humilis (Sw.) Urb. 4099 Peperomia emarginella (Sw.) DC. 4118 Fleurys sestuans (L.) Caud. 4161 Peperomia emarginella (Sw.) DC. 4183 Piper hispidum Sw. 4369 Piper glabrescens (Miq.) C. DC. 4378 Piper glabrescens (Miq.) C. DC. 4379 Piper marginatum Jacq. 4435 Peperomia leonardi Tre Peperomia leonardi Trel. Piles setigers Urb. 4464 Pilea microphylla ver. succulenta Griseb. 4474 Pilea lanceolata (Lem.) Wedd. 4475 Piles lanceolata (Lam.) Wedd. 4504 Piper venderveldeanum Trel. 4506 Piles plumieri Urb. 4509 Pilea bicolor Urb. 4534 Casearia guisnensis (Aubl.) Urb. 4557 Mappia racemosa Jacq. 4606 Chamaesyce serpens (HRK.) Small 4623 Piles nummularifolis (Sw.) Wedd. 4630 Disciphania domingensis Urb. 4633 Acalypha glechomsefolia A. Rich. 4659 Pilea rugosa (Sw.) Wedd. 4661 Pilea propinqua Wedd. 4665 Piles microphylla (L.) Liebm. 4668 Peperomia acuminata R. & P. 4684 Pilee microrhombea Urb. 4690 Cestrum sphaerocarpum O. E. Schulz 4699 Cestrum humile Urb. & Ekm. 4702 Phenax erectus Urb.

4705 Piles lanceolata (Iam.) Wedd.

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4737 Gyrotaenia myriocarpa Griseb.

4817 Peperomia blanda (Jacq.) H.B.K.

4818 Peperomia acuminata R. & P.

4829 Peperomia scuminata R. & P.

4834 Phenax pauciflorus Urb.

4838 Piper confusum C. DC.

4840 Peperomia hernandiifolia (Vahl) A. Dietr.

4871 Pilea polyclada Urb.

4877 Pilea setigera Urb.

4877 Pilea leptocardia Urb.

4887 Peperomia tenella (Sw.) A. Dietr.

4889 Peperomia tenella (Sw.) A. Dietr.

4890 Peperomia quadrifolia (L.) H.B.K.

4898 Buddleia domingensia Urb.

4899 Phenax pauciflorus Urb.

4899 Peperomia blanda (Jacq.) H.B.K.

4926 Pilea polyclada Urb.
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Best wishes.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

May 22, 1967

#### AIR MAIL

Dr. Jose de Js. Jimenez Calle Maximo Gomez 3<sup>1</sup><sub>2</sub> Santiago de Los Caballeros DOMINICAN REFUBLIC

4351 Commelina diffusa Burm. f. 4356 Fimbristylis ferruginea (L.) Vahl

#### Dear Jose:

Following are some more names for you. Bro. Alain made all the identifications except the Lauraceae, as noted. On some of the labels you have crossed off your name but aren't these all your numbers?

4079 Smilax domingensis Willd. 4083 Scirpus lacustris L. ssp. validus (Vahl) T. Koyama 4084 Fimbristylis littoralis Gaudich. 4087 Cyperus difformis L. 4088 Smilax havanensis Jacq. 4093 Nectandra sp. 4094 Artocarpus heterophylla Lam. 4101 Diescorea pilosiuscula Bert. det. C. K. Allen 4102 Ficus maxima P. Mill. 4104 Dioscorea polygonoides H.B.K. 4107 Dioscorea altissima Lem. 4111 Calyptrogyne quisqueyana (Bailey) Leon 4114 Spiranthes elata (Sw.) L. C. Rich. 4116 Commelina elegans H.B.K. 4117 Cyperus hermaphroditus (Jacq.) Standl. 4119 Heteranthera reniformis R. & P. 4120 Commelina diffusa Burm. 4123 Aneilems geniculatum (Jacq.) Woods. 4125 Jacquiniella globosa (Jacq.) Schlecht. 4127 Campylocentrum fasciole (Lindl.) Cogn. 4134 Aristolochia bilabiata L. 4147 Aiphanes acanthophylla (Mart.) Burret 4148 Drymaria cordata (L.) Willd. 4161 Peperomia emarginella (Sw.) DC. 4166 Canna coccinea Mill. 4167 Costus ciliatus Mig. ? 4180 Cladium jamaicense Crantz 4184 Cyperus baspan L. 4186 Fimbristylis dichotoma (L.) Vahl 4194 Dioscorea alata L. 4195 Dioscorea (too fragmentary - undeterminable) 4196 Geonoma oxycarpa Mart. 4198 Asparagus sprengeri Regel

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4362 Nectandra corisces (Sw.) Griseb.
                                                                       det. C. K. Allen
4363 Phoradendron hexastichum (DC.) Griseb.
4375 Natelea sp. (sterile)
4376 Rajania marginata R. Knuth
4387 Prescottia stachyoides (Sw.) Lindl.
4388 Habenaria eustachya Rohb. f.
4389 Ficus maxima P. Mill.
4405 Dioscorea bulbifera L.
4406 Dioscorea pilosiuscula Bert.
4457 Fimbristylis alpestris (Urb.) Alain
4475 Pilea lanceolata (Iam.) Wedd.
4484 Rajania pilifera Urb.
4492 Rajania cordata L.
 4545 Rajania ovata Sw.
 4548 Clematis dioica L.
 4556 Ficus maxima P. Mill.
4558 Cootes leucoxylon (Sw.) Mez
4559 Beilschmiedia pendula (Sw.) Benth.
4581 Dioscores trifida L. f.
                                                                       det. C. K. Allen
                                                                      det. C. K. Allen
4587 Hedychium flavum Roxb.
4589 Dioscorea sativa L.
 4604 Phoradendron mucronatum (DC.) Krug & Urb.
4613 Cyperus nanus var. subtenuis Kuk.
4616 Dendropemon alatus v. Tiegh.
4617 Dendrophthora dowingensis Eichl.
4620 Campelia zanonia (L.) H.B.K.
4621 Lepanthopsis pygmaca Schweinf. (probably)
4628 Omandra laurifolia (Sw.) A. Rich.
4632 Rumex crispus L.
4662 Stellaria media (L.) Vill.
4667 Spiranthes adnata (Sw.) Benth.
4678 Cerastium glomeratum Thuill.
4695 Ranunculus domingensis Urb. & Ekm.
4701 Dendropemon pycnophyllus Krug & Urb.
4705 Pilea lanceolata (Lam.) Wedd.
4708 Dendropemon psilobotrys v. Tiegh.
4711 Zephranthes plumieri Hume
4725 Chlorophora tinctoria (L.) Gaud.
4729 Ficus trigonata L.
4742 Cyperus flavescens L.
4723 Coccoloba pubescens L.
4816 Spiranthes adnata (Sw.) Benth.
4823 Carex hamata Sw.
4824 Pleurothallis racemiflora (Sw.) Lindl. (probably)
4833 Carex polystachya Sw.
       Stelis aprica Lindl. in Hook.
4848 Rhynchospora marisculus Lindl. ex Nees
4869 Pleurothallis racemiflora (Sv.) Lindl. ?
4882 Panumculus recurvatus var. tropicus (Griseb.) Favc. & Rendle
4883 Dichaea trichocarpa (Sw.) Lindl.
4891 Podocarpus buchii Urb.
       Phoradendron hexastichum (DC.) Griseb.
Arenaria lanuginosa (Michx.) Robol.
4922 Scleria sp.? (sterile)
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4933 Dendropemon pyenophyllus Krug & Urb. 5108 Tripogandra elongata (G.F.W. Mey.) Woods. 5112 Bunchosia nitida (Jacq.) L. C. Rich. 5120 Gesneria barahonensis Urb. 5121 Gesneria cuneifolia Sesse & Moc. 5123 Miconia ocoana Urb. & Ekm. 5127 Rajania marginata R. Knuth 5129 Ossaea scalpta (Vent.) DC. 5130 Mikania producta Urb. ex Ekm. 5131 Gesneria sintenisii Urb. 5134 Miconia ocosna Urb. & Ekm. 5136 Rousselia humilis (Sw.) Urb. 5139 Pilea cellulosa (Spreng.) Urb. 5140 Sumelia obovata (Lam.) DC. 5142 Abutilon hirtum (Lam.) Sweet 5143 Gomphrena decumbens Jacq. 5147 Sida acuminata DC. 5148 Malphigia enide Spreng. 5155 Sloanea ilicifolia Urb. 5156 Peperomia penicellata C. DC. in Urb. 5160 Pleurothallis quadrifida (Li ex Lex ) Lindl. 5161 Ditta myricoides Griseb.

5163 Phoradendron randiae (Bello) Britt.

I heard a rumor that you plan to come up to the States again this summer. If so, it will be good to see you again.

Sincerely,

Velva E. Rudd Curator Department of Botany

May 22, 1967

# Southern Illinois University

Botany Department CARBONDALE, ILLINOIS 62901

Dr. Velva E. Rudd Associate Curator U.S. National Museum Department of Botany Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

Bob DeFillips certainly appreciated your prompt and careful work reguarding his request and mentioned you had inquired about me.

There were two reasons for not writing sooner. The first was that I will be in Philadelphia with my mother the weekend of the 3rd of June and had hoped to come down to Washington for at least a day to discuss problems which have arisen concerning <a href="Dioclea">Dioclea</a>. This is unfortunately out and it looks as if I won't be back to the east coast until fall.

The other reason was my second try at passing the German Proficiency exam. The results were up this morning and I passed. "My cup runneth over".. temporarily at least, and now I'm staggering on toward the prelims.

I'll try the prelims either late in the summer or fairly early in the fall and hopefully come east as a candidate beginning with the Smithsonian collections and working through New York up to the Harvard herbaria on classical aspects of Dioclea.

I've signed the papers for my fellowship renewal. These include this summer and the next 3 quarters of the academic year. This will leave an extra quarter on the fellowship for the summer after this one.

Sometime in this period I'd like to travel again. Possibly to Brazil with Dr. H. Irwin of the NYBG or to Panama with some of the people from the Missouri Botanical Garden as they make several trips a year to collect for the "Flora of Panama".

Our trip to British Honduras resulted in what I feel was a fine collection. Dr. Dwyer, Tom Elias, and I collected about 3 sets of around 650 numbers while looking the country over for research potential. I paid my own way, or rather my fellowship did. SIU will get a good set.

We found 2 species of <a href="Dioclea">Dioclea</a> and I have this material and will send you some after I've worked it over.

Missing a Smithsonian Award certainly hasn't altered my goals. Of course I'd loved to have received one and lived in Washington working at the Smithsonian under your supervision. I still plan to do this anyway and hope you are still agreeable to looking over my shoulder occasionally and advising me.

My committee should meet soon and we will thrash out what will constitute an acceptable dissertation. We will have to cut down as there is way too much involved for a Ph.D. dissertation.

Pollen seems the most promising for delimiting generic taxa. Dr. W. Lewis of MO looked at some of my pollen preparations and pronounced them fine. He has offered to let me use his lab and has promised to check my analysis of the grains. The grain of the United States Taxon is so decidedly different I'll try to work it out first.

Dr. Mohlenbrock has offered to let me do the Phaseoleae for his "Illustrated Flora of Illinois" and I'll work on this during the summer and this fall as I'd like to have the experience of working out a paper.

As you probably know Dr. Eshbaugh has resigned to accept a position at Miami University of Oxford, Ohio. Dr. Walter Welch is interim curator until Dr. Donald Ugent arrives in January. Dr. Ugent is one of Dr. Iltis' students from Wisconsin.

There were numerous applicants for the position Dr. Eshbaugh vacated and I think a great deal of the credit for making the position desirable should go to him as he has done a wonderful job with the herbarium.

Please excuse my long delay in writing. This is mainly to let you know I'm still on the job. I can turn back to botany now and will let you know the developments.

I hope you are having a good year.

Sincerely,

Richard H. Maxwell Graduate Fellow

Dick Maxwell

rhm cc to RHM Dr. JOSE DE JS. JIMENEZ

Calle Maximo Gomez 34 SANTIAGO DE LOS CABALLEROS REPUBLICA DOMINICANA

May 23d, 1967

Mis Velva Rudd Smithonian Institution Washington, D. C. Dear Velva:

Thanks a lot for the list of identifications received to-day. When I cross off my name it means that I am not the collector but the number; of the specimens are undoubtedly my Herbarium numbers.

Now that the prohibition of my own identifications, right or wrong, is not longer a handicap to me it seems that I am helping a bit to Bro. Atain to get along better in his job.

I'll stay in Phila from June 8 to June 19. I hope that by that time have a chance to go to Washington to say hallow to all of you. In the meantime starting on June 1st my wife and I will stay for a whole week in San Juan, P. R.

As I don't know the present address of Mr. Leonard ' have not been while to send him a copy of my work. To him I am always indebted for without his help I think that it would have not been possible to write it.

For all of you my best wishes and with a "till soon" I am yours very sincerely

Mr. Emery C. Leonard Co Fairfield Hannels R. D. Boy 327 Quings, Maryland

Hunt Institute for Botanical Documentation

DEPARTMENT OF BOTANY

POSTAL CODE 27788 TELEPHONE 919-884-8111

May 29, 1967

Dr. Velva Rudd
Department of Botany
Smithsonian Institution
United States National Museum
Washington, D.C.

Dear Velva:

Some time ago I requested for Dr. Donald E. Stone all of your American specimens of <a href="Engelhardia">Engelhardia</a> and <a href="Alfaroa">Alfaroa</a> and you were unable to grant the loan at that time since the material was on loan to Dr. Hans Tralau. If this material has been returned, Don would very much like to borrow it now as he has assembled just about all of the American material and is trying to bring much of his work into final focus. Perhaps you knew that he spent all last spring in Mexico and Central American collecting Juglandaceae. If Dr. Tralau still has the material, I guess we will have to wait again.

Sincerely,

Robert L. Wilbur

Curator of the Herbarium

RLW: kad

Dr. Robert L. Wilbur Department of Botany Dake University Durham, North Carolina 27706

Dear Bob:

Dr. Hans Tralau still has our material of Engelhardia and Alfaroa. Perhaps you could write him, stating your interest, and diplomatically suggest that he return it so Dr. Stone can have a turn at it. The loan has been out since October 1964. If you prefer, I can write Dr. Tralau but sometimes it is more effective to have an outsider do it. (It is possible that someone here at Smithsonian has an overdue loan from Stockholm!)

Sincerely,

Velva E. Rudd Curator Department of Botany

## NEW MEXICO STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF BIOLOGY

BOX AF, LAS CRUCES, NEW MEXICO 88001 TELEPHONE (505) 646-3511

June 14, 1967

Dr. Velva E. Rudd Smithsonian Institution Washington, D. C. 20560

Subject: Loan of Maurandya (Registrar File No. 271652)

Dear Dr. Rudd:

I would like to thank you again for your prompt attention to my loan request for material of <u>Maurandya</u>. I find I will not be able to complete the study of these specimens within the time period specified on the loan invoice. I would appreciate having an extension of the loan period. I will, of course, return the specimens as soon as possible.

Sincerely yours,

Don Gordon

Don Gordon Curator of the Herbarium

DG/1y

fort card

you may beep your maurandya loa
a while longer. Such projects always seem
to take longer than anterpretes.

Suring

246467 P 2625

June 14, 1967

Dr. G. J. Goodman Department of Plant Sciences University of Oklahoma Norman, Oklahoma 73069

Dear Dr. Goodman:

Following is a list of determinations for plant specimens you sent in February 1963. I believe that Mr. Morton has already reported the two ferns. Dr. Soderstrom presumably has the one grass end will send you a name some day.

| Boke  |   |      |      |          |
|-------|---|------|------|----------|
| 3     | Vernonia pallens Sch. Bip.  | det. | J.H. | Beaman   |
| 200   | Desmodium sp.   | det. | V.E. | Rudd     |
| 5     | Senecio salignus DC.  | det. | J.H. | Beaman   |
|       |   | det. | J.H. | Beaman   |
| 9     | Senecio albonervius Greenm.                                       | det. | J.H. | Beaman   |
| 14    |   | det. | J.J. | Wurdack  |
| 18    |   | det. | V.E. | Rudd     |
| 22    | Plumeria rubra L. (includes P. megaphylla<br>A. DC. fide Woodson) | *    | 11   | 10       |
| 23    | Thevetia theveticides (H.B.K.) K. Schum.                          | det. | V.E. | Rudd     |
| 26    | Psittacanthus calyculatus (DC.) Don                               | det. | V.E. | Rudd     |
| Goodm | <u>an</u>   |      |      |          |
| 7405  | Flourensia wicrophylla (A. Gray) Blake                            | det. | J.H. | Beaman   |
| 7406  |   | det. | J.H. | Beaman   |
| 7407  | Gymnosperma glutinosa Less.                                       | det. | J.H. | Beaman   |
| 7410  | Phoradendron flavescens (Pursh) Nutt.,<br>vel. aff.               | det. | V.E. | Rudd     |
| 7411  | Trixis angustifolia DC.   | det. | J.H. | Beaman   |
| 7412  | Barroetia subuligera A. Gray                                      | det. | J.H. | Beaman   |
| 7413  | Stevia berlandieri var. adenotricha Robins                        | det. | V.E. | Rudd     |
| 7414  | Artemisia mexicana Willd.   | det. | J.H. | Beaman   |
| 7415  | Penstemon kunthii G. Don  | det. | V.E. | Rudd     |
| 7416  |   | det. | J.J. | Wurdack  |
| 7420  |   | det. | J.L. | Grashoff |
| 7421  | Gnaphalium sp.  | det. | V.E. | Rudd     |
| 7422  | Momordica charantia L.  | det. | V.E. | Rudd     |

Sincerely yours,

Velva E. Rudd Curator Department of Botany

VERudd/chl

July 13, 1967 Dr. Marshall C. Johnston University of Texas Herbarium Biological Leboratories Building The University of Texas Austin, Texas 78712 Dear Marshall: As requested in your letter of June 28 to Dr. Wurdack we are now sending on loan 552 sheets of Hoffmanseggia. Included are 30 sheets of type material in special folders and 13 photographs. As always, annotations will be appreciated. Sincerely, Velva E. Rudd Curator Department of Botany Enclosure VERudd/chl **Hunt Institute for Botanical Documentation** 

Dr. Butt's copy



MINISTERIO DE AGRICULTURA Y CRIA

Instituto Botanico Apartado 2156 DIRECCION Caracas, Venezuela

970

Dr. Velva Rudd Curator, Dept. of Botany Smithsonian Institution U.S. National Museum Washington, D.C.

pear Velva:

Many thanks for the label. Am glad we papilionatists finally came to an agreement as to what that "legume" was. There's nothing like total agreement these days among specialists.

August 15, 1967

I plan to come up to work on rubiaceae next April. Have lots of field work yet ahead of me and have to viiit some crucial areas during the next dry season.

On my recent trip to the Sierra de San Luis of Estado Falcon, an area between the Andes and the Coastal Cordillera, I bagged fruiting specimens of one of your babies (Dussia or Ormosia) and will send it to you as soon as my labels have been printed.

The earthquake was horrendous and we escaped, but the section in which we live (Los Palos Grandes) was the worst affected. A lot of the beach area was damaged, including the beautiful Macuto+Sheraton hotel.

Hope you are well and thriving on legumes.

Best wishes to all,

Sincerely,

Julian A. Steyermark

Hunt Institute for Botanical Documentation

August 16, 1967

Mr. Richard H. Maxwell Botany Department Southern Illinois University Carbondale, Illinois 62901

Dear Dick:

First of all, congratulations on passing the German exam. I know what a relief that was. I was sorry to hear that you did not get a Smithsonian fellowship but am glad that you could get a renewel on the one at SIU. When do you think you will get to Washington again? I will be away on vacation in California Sept. 2-12. Beyond that I have no definite plans because I have no travel money for the coming year other than what I might choose to pay out of pocket.

I will be interested to hear what your thesis delimitation is to be. It is just as well not to bite off too big a chunk. Rather, do a good job and save something for an encore.

I am curious to know if you really have <u>Cymbosems</u> roseum from Mexico. Do you have flowering material? If not, are you sure you don't have <u>Cxyrhynchus</u>? I have just whipped up a short paper for Phytologis on <u>Cxyrhynchus</u> and <u>Monoplegma</u>, reducing the latter to the former!

I have your page of drawings and a description. Would you like me to send them to you or will you be here in the near future?

Sorry to have neglected you so.

Best wishes.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl



#### INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES



COLLEGE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATIONS AGRICULTURAL EXTENSION SERVICE SCHOOL OF FORESTINA

DEPARTMENT OF BOTANY GAINERVILLE, FLORIDA SERGI

August 31, 1967

Dr. Velda Rudd Smithsonian Institution Washington, D. C.

Dear Dr. Rudd:

I am enclosing a copy of the manuscript on Acacia which you commented on previously for Peter Raven. In light of your comments, we decided the proper thing to do at the time was to shorten the article, and the truncated change appeared in the most recent Brittonia.

But we definitely have another species down here, one that is either identical or very similar to A. tortuosa. I would like to prepare a note on this species too, but I would value your comments in doing so.

The reason I am sending you this copy is that the carbon you commented on previously was returned to Peter Raven and somehow lost between him and Dr. Reeder.

Down

DANIEL B. WARD Curator

DBW:mg

fin also enclosing for your comments or mo on the Floris members of the genus, as port of a general planistic study of

State that this is loved on properties is no or -esp. pp. 499 - 503 be macrorantha sensitat. specimens exertially terete. Flat ones are immotuse. glands are present on petroles. a tortuor - Ramod Key If Partial synonymy - my as - or ship entirely at the margin of the range of a widespress of species, Steplants are likely to be descripted.

Hunt Institute for Botanical Documentation

September 19, 1967

Dr. Deniel B. Ward
Department of Botany
University of Florida
Geinesville, Florida 32601

Dear Dan:

Enclosed are the manuscripts you sent me on August 31. They arrived while I was on vacation, hence, the delay in answering. As you will see, I have made a few notations.

Your paper on Acacia macracantha has been published, so that's that. I had hoped that you would mention the characteristics of typical material, which yours is not. (You can get a photograph of the type from Field Museum, F. M. Neg. 1278, showing well developed spines which are characteristic of the species). You should make it clear to your readers, especially those in Florida, that you are in many cases dealing with a few specimens at the margin of the range, and such plants are likely to be depauperate, with the fruit poorly developed. Referring to A. macracantha, Bentham in 1875 stated "the flat pods . . . appear to be the unripe state, or sometimes an imperfectly developed although ripe state." (Trans. Linn. Soc. 30: 501. 1875).

As to publishing on Acacia tortuosa, go shead if you want to. Since I have seen neither the type of the species or the material you are identifying as such, I cannot advise you very well. We have one sheet from Remrod Key, Killip (Dickson) 41734 that I think might be A. tortuosa. I should prefer to see authentic material of the species, however, before committing myself definitely.

I hope, before you go to press with a larger treatment of <u>Acacia</u> in Florida, you will check your manuscript at NY and/or US so you will see more material of the species included. When stating dimensions, i.e. size of plant, length of thorns, etc., the potential should be given if possible; otherwise, your keys and descriptions will have to be revised every time you find another specimen. It would be well to see the types of <u>Wachellia</u> spp. at NY. My chief objection to your paper as originally submitted to Peter Raven was the fact that you did not know the species well enough to write in such a positive manner.

The Acacias are a mess and the more you study them the less confident you will be in your determinations.

Best of luck to you.

Sincerely,

Velva E. Rudd Curator Department of Botany

PERLAPANE

THE UNIVERSITY OF MICHIGAN

BOTANICAL GARDENS ANN ARBOR, MICHIGAN 48105

1800 NORTH DIXBORD ROAD

764-1168

September 22, 1967.

Dr. Velva E. Rudd Associate Curator Division of Phanerogams U.S. National Museum Smithsonian Institution Washington 25, D.C.

Cocca choreophylla Benth.

Buther melyland Beland February

gir cinnecard of the comme

Dear Velva,

Dr. Harrison Tordoff, of our Zoology Museum, asked me to identify the fragments in the attached envelope, which I tried to do, unsuccessfully, in our herbarium.

I would appreciate it very much if you could examine the specimens and see whether it can be named precisely. The two people who are concerned are the following:

> Mr. Harold Mayfield River Road, R.F.D. Waterville, Ohio

Dr. Harrison Tordoff Bird Division, Zoology Museum University of Michigan Ann Arbor, Michigan 48104

It is the food plant of one of the very rare parrots on Great Abaco Island. The parrots open the green pods and eat the seeds. Locally, people call the tree Sennacord (spelled phonetically). Mr. Mayfield thinks it may be a wild tamarind, Lysiloma. However with our few Carribean collections I was unable to match the specimens with anything in that genus. The pods seem to be unusually thick and fleshy, but it may be their maturity.

Your help in this identification would be greatly appreciated.

With all best regards,

Marien He Wagner

Director, and Professor of Botany

Hunt institute for Botanical Documentation

September 28, 1967

Dr. Warren H. Wagner, Jr. Botanical Gardens The University of Michigan 1800 North Dixboro Road Ann Arbor, Michigan 48105

Dear Herb:

Your surprise package contained material of what appears to be <u>Acacia choriophylla</u> Benth. In their Bahama Flora, Britton and Millspaugh give the common name as "cinnecord". Your timing couldn't have been more fortuitous. Just yesterday I identified one of Yale Dawson's "indet." mimosoids as this species. By tomorrow I probably would have forgotten what it was.

Greetings to all.

Sincerely,

Velva E. Rudd Curator Department of Botany HERBARIUM DEPARTMENT OF BOTANY

October 6, 1967

Dr. Velva E. Rudd, Curator Department of Botany Smithsonian Institution Washington, D. C. 20560

Dear Dr. Rudd:

I am grateful for the opportunity of studying the Mexican Salices you sent me on loan some time ago. The specimens should be returned, but I have not quite finished my study of them. If you could possibly arrange it, I would appreciate an extension of loan for another ninety days.

Thanking you, and with kind regards, I am,

Sincerely yours,

G. Neville Jones Professor of Botany and Curator of the Herbarium

GNJ/aj

Oct. 9, 1967

( Porteal) yes, you may heep the Saly look another 90 days, or so. or with you will be able to annotate the specimens, nother than return them prematurely.

WARREN H. WAGNER, JR. DEPARTMENT OF BOTANY UNIVERSITY OF MICHIGAN ANN ARBOR, MICHIGAN 4 US POSIXII

Dr. Velva E. Rudd Curator, Department of Botany Smithsonian Institution United States National Museum WASHINGTON, D.C. 20560

October 11, 1967.

Dear Velva,

Many thanks for your fantastic promptness re the parrot food plant. Who ever heard of such efficiency?

Herb

## NORTHEASTERN UNIVERSITY

BOSTON, MASSACHUSETTS 02115

COLLEGE OF LIBERAL ARTS DEPARTMENT OF BIOLOGY

October 19, 1967

Dr. R. S. Cowan
U. S. National Herbarium
U. S. National Museum
Washington, D. C.
U. S. A.

Dear Dr. Cowan:

I am forwarding three bundles of specimens, for the most part containing my collections of 1965 in Mexico and south western United States, with a few collections of my colleagues. These do not include ferns nor Begoniacea since I had made previous arrangements for Dr. Schubert and Mr. Proctor to determine them.

Separately packed in one of those bundles are a series of specimens (with indication clearly written on the outside of that bundle), which were sent out two years ago to other institutions for termination, but for which I have not received any terminations as yet. Since I am anxious to get out a set of duplicates, I urgently need these terminations. Would you be willing to determine such a set for me?

Cordially yours,

Fred A. Barkley Professor of Botany Curator of Herbarium

FAB: bw

Returne

October 30, 1967

Dr. Fred A. Barkley Curator of Herbarium Mortheastern University Boston, Massachusetts 02115

Dear Fred:

Your letter of October 19 and the specimens you mentioned therein have both been received. I must confess that I am rather surprised that you addressed this letter and request to me, since in my present job I have almost no time for botanical activities as such. However, I have talked to the people in the department and I am writing to give you the result of these conversations.

Ordinarily, Dr. Velva Rudd would be the one who would handle collections from Mexico but for a very considerable period into the future, she simply will not have the opportunity to devote the necessary time to get names on your materials. I am sure we all regret that we cannot do all the things we would like, but such are the facts of life. For this reason, we have decided the specimens should be returned to you rather than holding them here for a very indefinite time. Is there some possibility that you could employ a graduate student in botany to work these up at the Gray Herbarium?

With best regards and profound regret that we cannot be helpful at this time.

Sincerely yours,

Richard S. Cowan Director Museum of Natural History

cc: Dr. Rudd w/copy of incoming letter

RSCowan: pi 10/30/67

Rudd's copy 274667 October 31, 1967 Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina 27706 Dear Bob: Your letter of October 9 arrived on the same day as one package of our Juglandacese from Dr. Tralau. A second package appearently missed the boat. In the meantime, we are now sending you on loan, for study by Dr. Stone, 19 sheets of Engelhardia and Alfaros, including one type fragment. If there are American specimens in that second package due from Stockholm we will send them on to you. Sorry there has been such a delay. Sincerely. Velva E. Rudd Curator Department of Botany Enclosure P. S. The second package just arrived and is all Old World material so the count on your loan remains the same. VERudd/chl Hunt Institute for Botanical Documentation

Do lott's copy

October 31, 1967

#### AIR MAIL

Dr. José de Js. Jiménez Calle Meximo Gómez 34 Santiago de Los Caballeros DOMINICAN REFUELIC, Antillas (W.I.)

Dear José:

We found your no. 4505 (Aegiphila nervosa) or, rather, Bro. Alain did. When he returned to New York after his summer in Europe he found that one package of your plants had not been returned to us.

We are now sending you your specimen. Saludos.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

November 1, 1967 Southern Illinois University

CARBONDALE, ILLINOIS 62901

Department of Botany

Dr. Velva E. Rudd, Curator U.S. National Museum Dept. of Botany Smithsonian Institution Washington, D. C.

Dear Dr. Rudd:

Congratulations on your promotion. Thank you for the reprints also.

I'm having some trouble getting away and it looks now as if my schedule will have to be put back at least a week. I'll be in Washington on Monday the 20th of November and at the Smithsonian about 9:30 AM.

There was a mention in your postcard about going to New York later in the month and if I miss you on the above date would you please leave word with someone there about my visit?

Depending on what we hear from South America I plan to be on the east coast about a month and if I should miss you at first will certainly see you later.

I'd like to once again look at the genera around <u>Dioclea</u> as well as <u>Dioclea</u> and this time might also need to do a <u>few dissections</u> and <u>would appreciate a microscope and some space if possible.</u>

Dr. Steyermark sent up some collections of <u>Dioclea</u> and since I was considering stopping at Caracas I wrote to him asking also about <u>Cymbosema</u> apurensis (HBK) Pittier. He sent all their <u>Cymbosema</u>, 4 sheets of <u>C</u>. roseum so <u>C</u>. apurensis still remains a mystery.

Hope to see you later this month.

Sincerely, Dick Maxwell

P.C.

We have part of Director aproximate 1679 as F 10. E. S. & Trinita - a Grande Land of to what of the

Hunt Institute for Botanical Documentation

### DEPARTMENT OF BOTANY . POMONA COLLEGE CLAREMONT, CALIFORNIA

CLASSROOMS AND LABORATORIES CROOKSHANK HALL 100 BLOCK, WEST SIXTH STREET TELEPHONE, NATIONAL 6-8511 EXTENSION TARY

LYMAN BENSON PHILIP C. BAKER EDWIN A. PHILLIPS HERBARIUM BOTANIST

HERBARIUM OF POMONA COLLEGE MRS. PATRICIA ANN WILDER RANCHO BANTA ANA BOTANIC GARDEN BUILDING 1500 NORTH COLLEGE AVENUE TELEPHONE NATIONAL 8-3922

ALL MAIL, EXPRESS AND FREIGHT SHOULD BE ADDRESSED TO THE DEPARTMENT OF BOTANY, POMONA COLLEGE, CLAREMONT, CALIFORNIA BITTI November 18, 1967

> Dr. Velva E. Rudd Department of Botany Smithsonian Institution Washington 25, D. C.

Dear Velva:

For a number of years I have been trying to find the "perfect" fragment folder for mounting on herbarium sheets. During this period and before, I have tried quite a number of types. However, no one that I have seen is wholly satisfactory. As you know, most of the difficulty comes in holding small seeds and similar objects which have a tendency to leak or pop out of the folded flaps. For this reason I am writing to a number of individuals in herbaria throughout the country for ideas and, if they are available, fragment folder samples. I shall appreciate any help you can give me with this together with any words of wisdom. Thank you.

Sincerely yours,

yman Lyman Benson

Professor and Head Department of Botany

LB-W

UNIVERSITY OF HAWAII . HONDLULU, HAWAII 96822 COLLEGE OF TROPICAL AGRICULTURE

DEPARTMENT OF AGRONOMY & SOIL SCIENCE 2025 VARNEY CIRCLE

November 20, 1967



24:238,185)

Dr. V. Rudd U.S. National Herbarium Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

2:215: 1831 When I was going through the herbarium collection of the different desmodium species, I noticed the copies of the original descriptions for some of the species in the folders with the herbarium specimens. I forgot to make photocopies of these. Would you be able to obtain xerox copies of the descriptions of D. intortum, D. uncinatum, and D. sandwicense (D. limense) for me? E. May, Fet Sen Mary Regio 18 5 0, 4

Your help in this matter will be sincerely appreciated.

Yours truly,

Peter P. Rotar

Associate Agronomist

PPR:vs

## NATURAL HISTORY MUSEUM

BALBOA PARK • SAN DIEGO, CALIFORNIA 92112
MAILING ADDRESS: P. O. BOX 1990

FOUNDED AND OPERATED BY
THE SAN DIEGO SOCIETY OF NATURAL HISTORY
INCORPORATED 1874

22 November 1967

Dear Velva:

Thank you very much for the loan material, which arrived today in good shape. Enclosed is the shipping invoice.

I am glad to hear that you have plans for Baja California next April. Being very disorganized, I don't have plans that far ahead, so don't know whether I'll be here. But I'll probably see you then.

You will be interested to know that I made another collection of <u>Pickeringia</u> in Baja California—this time 10 miles south of Tecate, on the highway to Ensenada. Since I spotted it from the car, it is surprising that nobody had gotten it there before; but most botanists probably take the coast road. The curious thing is that aleathough geographically it should be var. tomentosa, it looks like the typical var. I'll send you a specimen in my next shipment.

Sincerely yours,

Reid Moran

December 5, 1967

AIR MAIL

Dr. Lyman Benson
Department of Botany
Pomona College
Claremont, California 91711

Dear Lyman:

I, too, should like to find the "perfect" fragment folder. Formerly US used "pockets" in various sizes, of the A type enclosed. A disadvantage with them is the need to use one or two paper clips to insure the flaps' being held down. A further disadvantage now is the cost of having them cut to a particular shape. Otherwise, I prefer this type of pocket because there is better control of the material inside.

About 10 years ago we changed to type B pockets, also enclosed, which most of our people seem to think are just dandy. Mine is a minority opinion. I do not like them because round bean seeds and such tend to bounce out and it is necessary to use a smæller envelope inside the larger one. (That can be true of the type A pockets as well.) Also, manipulating the pocket to open or close can fracture a delicate leaf, inflorescence, or whatever. If the opening is placed too near the edge of the sheet, which it frequently is, the corner of another sheet can push it open.

I was in New York last week and noted that their history has approximately paralleled ours.

Best wishes to you and Mrs. Benson for a Merry Christmas and the New Year.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosures

VERudd/chl

December 11, 1967

Dr. José de Js. Jiménez Calle Máximo Gómez 34 Santiago de Los Caballeros Dominican Republic, W. I.

Dear José:

I have given your letter to Dr. T. R. Soderstrom who, presumably, has your <u>Andropogon</u> specimen somewhere. Last summer he had out some of your material but when you did not come he put them away again.

Best wishes to you and the Senora for Christmas and the New Year.

Sincerely,

Velva E. Rudd Curator Department of Botany

December 11, 1967

Dr. Peter P. Rotar Department of Agronomy and Soil Science University of Hawaii Honolulu, Hawaii 96822

Dear Dr. Rotar:

Enclosed is a xerox copy of one of the descriptions you requested. I did not find any of the others in the herbarium and I am swamped with trying to find my own references in the library. I am not sure that we have all that you need. Your library (or the Botany Department's) probably has what we have. Possibly you can get what you want through your library on one of these inter-library deals. We have been asked to cut down on our own xeroxing because of the terrific demand.

Your letter came just as I was leaving for New York, chiefly to look up references in the library there.

Sincerely,

Velva E. Rudd Curator Department of Botany

**Hunt Institute for Botanical Documentation** 

January 4, 1968

#### AIR LETTER

Dr. José de Js. Jiménez Calle Máximo Gómez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear José:

The little <u>Desmodium</u> you sent recently appears to be a very depauperate specimen of <u>D</u>. <u>adscendens</u> (Sw.) <u>DC</u>. I will send it on to Bro. Alain because he is the expert on Hispaniols flors. I think you should check with him on your other problems. If he does not know the enswers, he will need to learn them sooner or later anyway.

At present I sm struggling with the problem of Mimosa albida vs. sensitiva, et al. in the Galapagos Islands.

This complex ranges from Mexico to Argentina but, fortunately, seems to skip the Antilles.

Best wishes for the New Year.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

#### AIR MAIL

Dr. Marshall C. Johnston Department of Botany University of Texas Austin, Texas 78712

#### Dear Marshall:

Since publishing on <u>Prosopis</u> in 1962 have you had any further thoughts on <u>P. pallida</u> and <u>P. inermis</u>, etc.? I am working up the legumes for Wiggins' Flora of the Galapagos and one of the troublesome genera is <u>Prosopis</u>. You saw our material: <u>Stewart</u> 1613 and 1671, and <u>Howell</u> 8744, and Stanford's: <u>Snodgrass & Heller</u> 531, 586, 694, 739, and 852, but cagily refrained from making positive annotations. Would I be reasonably correct to assign the material to <u>P. pallida</u>? Apparently only one species is represented. I should appreciate your comments and will quote you, or not, as you prefer.

I hear that Cal McMillan is going to do a big project on Prosopis. Will you be collaborating to take care of the taxonomy?

Season's greetings.

Sincerely,

Velva E. Rudd Curator Department of Botany

Cal just walked in . Says he hopes you will do the taxonomy. P.S. What is P. futicosa Meyen? Where from? We do not have meyen's "Reise".

VERudd/chl



UNIVERSITY OF TEXAS HERBARIUM BIOLOGICAL LABORATORIES BUILDING THE UNIVERSITY OF TEXAS AUSTIN, TEXAS 78712 AREA CODE 512 GR 1-5262

B. L. TURNER

January 24, 1968

Dr. Velva E. Rudd, Curator, Department of Botany, U. S. National Museum, Smithsonian Institution, Washington, D.C. 20560

Dear Velva:

I am eagerly awaiting the day that someone will pick up the baton where I dropped it years ago and become the North American resident Prosopis expert. I nominate you. Then maybe people will quite asking me things I don't know the answers to.

As you can see I am going to remain cagey and refrain from committing myself on Galapagos Prosopis, except to say that: no, you would not be reasonably safe in assuming that the Galapagos material is P. pallida. And don't quote me. The Galapagos material was and I guess is still extremely puzzling. It reminded me a lot of P. "juliflora" of the west coast of central America, if I remember at this late date. That genus is horrible.

Cal McMillan became re-interested in mesquite on his recent trip to Venezuela etc. and I hope he does go ahead with his "big project."

Arturo Burkart (in litt. 10 Nov. 1960) said that he had found that "P. fruticosa Meyen (?)" occurred in Argentina; he treated it on p. 128-132 of the 2nd edition of his "Las Leguminosas Argentinas." That he was not sure of the application of the name is indicated by the question mark. I don't have the description in my files and never checked here to see whether we have Meyen's Reise in our library. Burkart was busily checking Prosopis types in Paris last April when LaVerne and I were there, so maybe he has better information now -- he was planning to go from Paris to several places in Germany looking up legume types.-- Just glanced through the USDA subject index and on p. 12856 find a card on Meyen's Reise but no call number indicating that USDA library did not have it -- the card is a printed Library of Congress crd with the number G420.M6 on it but I am not sure whether that is the call number. Sorry.

Hope all goes well with you. Don Correll's and my MANUAL OF THE VASCULAR PLANTSOF TEXAS is hear ing completion, being held up by laggard contributors. We hope to take it to press late in the spring.

With best wishes .

marstall

Marshall C. Johnston

P. C. Thanks Jan. 24,1968

**Hunt Institute for Botanical Documentation** 

January 30, 1968

#### AIR LETTER

Dr. José de Js. Jiménez Calle Máximo Gómez 34 Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear José:

Our good friend, Emery Leonard, died last Saturday, January 27, after being ill for a week or so. Some of us who knew him and were fond of him will be attending his funeral this afternoon. Unfortunately, our newer, younger staff members did not have the pleasure of enjoying and appreciating his knowledge and his wit.

Best wishes to you and your wife.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

### UNIVERSITY OF CALIFORNIA, RIVERSIDE

BERKELEY - DAVIS - IRVINE - LOS ANGELES - RIVERSIDE - SAN DIEGO - SAN FRANCISCO



SANTA BARBARA - SANTA CBUZ

DEPARTMENT OF LIFE SCIENCES RIVERSIDE, CALIFORNIA 92502

February 7, 1968

Dr. Velva Rudd Department of Botany Smithsonian Institution Washington, D.C. 20560

Dear Velva:

Many, many thanks to you for your expert help in checking the data for the <u>Pinus nelsonii</u> Shaw collection of E. W. Nelson (<u>Nelson</u> 4501). This information is of very great help in my work and your assistance in digging it out for me is deeply appreciated.

For your information, there is a discrepancy between the information given in the notebook of Nelson, which cites the date of 1899, and the account by E. A. Goldman in "Biological Investigations in Mexico" - Smithsonian Misc. Coll. 115: 263, 1951. It is my feeling that the latter citation of the date 1898 is correct.

It is of interest that the type collection of <u>Phacelia pulcherrima</u> Const. is <u>Nelson</u> 4495. This is only 6 numbers away from Nelson's collection of <u>Pinus nelsonii</u>, and since these were made on the same date (June 10, 1898) the two species probably are from similar habitats or perhaps the same habitat.

Very best regards,

George W. Gillett Professor of Botany and

Director of the Botanic Gardens

GWG/kw

4010 -4314 = 4426-4431 Tam may 26/95 4446-4461 - Tem, June 1/95 4462-4 - Ingulation June 3/98 4455-4513 - " Jun 15/98 Dr. Warren H. Wagner Department of Botany University of Michigan Ann Arbor, Michigan 48104

Dear Herb:

I have just received a letter from your student, Theodore Fleming, saying that he is sending about 100 plant specimens for identification, mostly trees and grasses, from Panama.

Apparently you did not get the message when you were here investigating us - - - we are no longer making a business of routine identifications. Those of us who have been here a few years have fentastic backlogs. I recently took over some of the legumes from Conrad's backlog, which were collected in 1930-39. I will be surprised if Tom wants to identify Fleming's grasses. I don't mind naming a few emergency things now and then, but I have at least a 10 year supply on hand now. In any event, a query should be sent, first.

Because the specimens, apparently already on the way, are from the area where Dwyer collects frequently, I suggest they be sent to him, or to the Missouri Botanical Garden, where they are writing the Flora of Panama.

Sincerely,

Velva E. Rudd Curator Department of Botany

# MISSOURI BOTANICAL GARDEN



2315 TOWER GROVE AVENUE ST. LOUIS. MISSOURI 6311Q TOWNSEND 5-0440

Feb. 9, 1968

Dr. Velva Rudd Department of Botany Smithsonian Institution Washington, D. C.

Dear Dr. Rudd;

I have recently been called upon to identify a number of Mexican collections, especially the legumes. As expected I have had some difficultly with certain genera. I would be very grateful if you could send me any of your reprints dealing with Mexican legumes. I have a copy of your papers dealing with: Aeschynomene, Dussia, Chaetocalyx, and Nissolia. I would also appreciate any suggestions as to the determination of species of Mimosa and Acacia other than Standley's Trees and Shrubs of Mexico. I understand that you are presently working on the Mexican species of both genera and I am looking forward to having a good taxonomic work to use for those genera. Would you care to receive any duplicates of the above mentioned taxa I may have or obtain for identification.

I have been continuing my work on <a href="Inga">Inga</a>, mainly in the field. I have had the opportunity to collect in five Central American countries on four occasions now. I am preparing my manuscript of <a href="Inga">Inga</a> Section <a href="Inga">Inga</a> for publication; however, I am still concerned over two portions of it.

Mainly because of the recent publication of Leon's older work. I was wondering if you might have some time to look over my paper especially the portions which did not agree with Leon's work. An example would be Leon's reduction of <a href="Inga spuria">Inga spuria</a> and <a href="I.eriocarpa">I.eriocarpa</a> to subspecies of <a href="I.vera">I.vera</a>. I regarded them as distinct species although they are definitely related. It would be a while before I have the manuscript retyped and there would be no rush or dead line either.

I am very anxious to come to the U.S. Nat. Herb. to work for sevral days to a week. By chance does the Smithsonion have any type of support for graduate students to work there for a short time.

Sincerely,

Tom Elias Thomas S. Elias Graduate Fellow

Hunt Institute for Botanical Documentation



UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

JARDIN BOTANICO

Tel. 48-65-00 Ext. 435 y 554

Ciudad Universitaria, México 20, D. F.

Febrero 9 de 1968

Miss Valva E. Rudd Herharium Smithsonian Institution Washington, D.C. 20560 U. S. A.

Querida Velva:

Hoy recibí el hermoso libro acerca de la historia del Smithsonian Institution of Washington. Es una edición magnifica. Muchas gracias!!.

Siempre recuerdo con agrado y nostalgia los hermosos días que pasé en esa venerable Institución, ten llena de tradiciones y de ciencia. Creo que todas las personas que prestaban sus servicios en el Herbario, deberán haber sentido tristeza y pena cuando dejaron el viejo edificio para trasladarse al nuevo, aún cuando éste sea más funcional v confortable.

El año pasado tuve mi año sabático y lo dediqué para adelantar el libro de las cactáceas; ahora está va casi terminado pero me faltan de ordenar las ilustraciones. Estoy en este semestre, impartiendo un curso de Cactología pues antes de obtener mi jubilación, deseo dejar orienta das a algunas personas para que continúen el estudio de esta complicada familia vegetal.

Muchas gracias también por la hermosa tarjeta. Ojalá nos podamos ver en el próximo Congreso de Botánica.

H. Brank

Saludos afectuosos de

Helia Bravo Hollis

Directora

HBH/bom.

# SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM

WASHINGTON, D. C. 20560

February 9, 1968

Dr. George W. Gillett Department of Life Sciences University of California, Riverside Riverside, California 92502

Dear George:

Thanks for your thanks. I am perplexed by your statement that Nelson's notebook "cites the date of 1899." I have before me his handwritten field notebook which includes data as follows:

4426 - 4431. Tamaulipas, May 26/98

4446 - 4461. Tamaulipas, June 1/98

4462 - 4464. Miquihuana, Tam., June 8/98

4465 - 4504. Miquihuana, Tam., June 10/98

His 4495 is given as "Herb 1-2 ft. Violet fl. -."

Regards,

Delva

Velva E. Rudd Curator Department of Botany

Dear Velva:

Somehow the date of 1899 crept into my notes on Pinus nelsonii and Phacelia pulcherrima. I studied Nelson's notes in 1962, so assumed that my date, in distinct contradiction to all other cited references for the collection date of the types, must have been copied from Nelson's notes. MANY THANKS for verifying that my date of 1899 is an out-and-out error, period. I am inserting a foot-note in my paper acknowledging your kindly assistance.

Very best regards,

George W. Gillett

Dr. George W. Gillett Department of Life Sciences University of California, Riverside Riverside, California 92502

#### Dear George:

Thanks for your thanks. I am perplexed by your statement that Nelson's notebook "cites the date of 1899." I have before me his handwritten field notebook which includes data as follows:

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4465 - 4504. Miquihuana, Tem., June 10/98

His 4495 is given as "Herb 1-2 ft. Violet fl. -."

Regards,

Velva E. Rudd Curator Department of Botany Mr. Thomas S. Elias Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis, Missouri 63110

Dear Tom:

It was nice to hear from you, and many thanks for the reprints. Under separate cover I am sending you a batch of my papers which, according to my records, you do not have.

As to Acacia and Mimosa, don't hold your breath for a "good taxonomic work" on those genera. Actually, I am only working on them incidentally as problems arise when I try to come up with a name for someone. I became involved with Acacia through helping Dan Janzen identify his "ant plants". Mimosa problems turn up all too frequently; I now have going about four small projects to clear up bits of confusion. Unfortunately, for most, I need to see types in Europe, and with the President's pronouncements on European travel - - - I don't know when I can. When you "finish" Inga, you are welcome to take on Acacia and Mimosa.

At the moment I am "doing" the mimosoid and faboid legumes for Wiggins' Flora of the Galapagos Islands. (Dr. Cowen is doing the caesalps.) With a couple of dozen genera to deal with, quite a miscellany of problems are turning up.

My major projects are with the tribes Sophorese, Aeschynomeneae (sensu Hutchinson), and the Delbergiese. If I last long enough, I hope to cover those for North American Flore and parts, at least, for Flore Neotropica. Mexican legumes in general are another interest. I have in press a paper on the Sophorese of Mexico. A resume of Ateleia and Cyathostegia should be out very soon. (I hope Dr. Mohlenbrock will not be offended by the latter paper, but, I had already started on it before he wrote to borrow our meterial.)

As to looking over your <u>Ings</u> paper, I shall be glad to do what I can. I, too, am confused by those areas where you and León do not agree. At first I assumed that with his greater knowledge of the plants in the field he knew something we didn't know, and I arranged our specimens following his treatment. However, in naming specimens, I have sort of taken pot luck. I rather like <u>I. fissicalyx</u> and hate to see it go into limbo, as well as <u>I. eriocarpe</u>. Perhaps, some introgression studies are in order.

In connection with my work on the Gelápagos flora, I have two species of <u>Inga</u>, presumably, <u>I</u>. <u>edulis</u> and <u>I</u>. <u>schimpfii</u>. The latter is not in your group but <u>edulis</u> is. Have you seen any Galápagos specimens (possibly, only <u>Stewart</u> 1589) and is <u>edulis</u> the correct name to use? I am going up to <u>Harvard</u> week after next to check their material. Perhaps you have annotated their sheets of <u>Stewart</u> 1589. So far I have only seen two sheets from CAS, neither of them borrowed by you, apparently.

Best wishes to you in the struggle. Oh, yes, as to money to come here for a few days, I know of none. We are having trouble scraping up enough for necessary staff travel. (I paid my own way to and in New York a couple of months ago and just through a stroke of luck managed to get official \$\$\$ for my forthcoming trip to Harvard.)

Sincerely,

Velve E. Rudd Curator Department of Botany

Postcard p.s. In spite of my long epistle I forgot to answer your question reduplicate Mexican legumes. I shall be glad to receive good, named specimens as exchange or gift, or genera on which I have worked, Sophoreae, Aeschnomenen, etc. in exchange for names. Sincerely, VR

UNIVERSITY OF CALIFORNIA, BERKELEY 14 feb. 1968 Dear Velva - xerox of the The enclosed 1 original publication of Kinus Melsonii Shaw Shows that Welson 4501 is Cited as the TYPE. You would probably used it so designated. Many Ranks for your Kirtly assistance on this matter. Annetta Carter Sends very lest regardo Leange W. Gillett



ACRICULTURA Y GANADERIA

DEPENDENCIA INSTITUTO EACTONAL DE INVESTI GACIONES FORESTALES.

NUMERO DEL OFICIO EXPEDIENTE

ASUNTO:

Dr. Velva E. Rudd Curator Department of Botany U.S. National Museum Smithsonian Institution Washington, D.C., 20560 U.S. A.

February 15, 1968

Dear Dr. Rudd:

I made enquiries about Morton and Makrinius' collections in the INIF Herbarium. Their commentary was "But if even we were not born at that time!". I think we have to consider those materials as lost. Sorry for the bad news.

The Lyonnet herbarium is now virtually abandonned. I tried to work with it as you probably know, but I could not find enough time to do it. It is a pity because they have a good amount of ferns and orchids as well as miscellaneous materials from both the Northwest and Southwest parts of Mexico.

Terry Pennington told me about your kind help with our leguminous species while he was in Washington. Thanks very much. Chavelas will be in charge instead of me at the Dioscorea Commission.

With best regards,

Sincerely,

Jose Sarukhan.

Every Control of the Control of the

JS'omu.

Hunt Institute for Botanical Documentation

#### SMITHSONIAN INSTITUTION

WASHINGTON, D.C. 20560

February 15, 1968

Dr. Velva E. Rudd, Curator Department of Botany

Dear Dr. Rudd:

It is with the greatest regret that I am returning herewith your manuscript entitled "Leguminosae of Mexico - Faboidea. I. Sophoreae and Podalyrieae," This manuscript has been reviewed by knowledgeable staff in the Museum of Natural History, and has received full endorsement for publication in one of the Smithsonian series. As the manuscript is acceptable also in style and format, under ordinary conditions we would look forward to its editorial preparation and production by the Smithsonian Institution Press. Very unfortunately, however, the limitations on funds allotted for printing at the GPO during the present period of severe austerity have caused the depletion of such funds in the current fiscal year.

Under these conditions, it does not appear proper for this press to accept works for publication that it does not have the wherewithal to publish. At the very least, authors should have the option of submitting their papers elsewhere until such time as the Smithsonian Institution Press again has funds available for GPO printing. Alternatively, it may be possible for you to arrange funding either by transfer of appropriated funds to the Press budget or by means of external subsidy. In that event, we shall be very happy to again receive your manuscript for publication.

In any event, by May 1, 1968, we shall be able to receive manuscripts for editorial assignment, looking toward production at the GPO in fiscal year 1969 (commencing July 1, 1968). Inasmuch as the next fiscal year promises to be at least as stringent fiscally as this year, the sponsoring departments of the Museum of Natural History will need to establish systems of priorities for use in scheduling submission of manuscripts to the Press. In the event that you choose to resubmit your manuscript on or after May 1, I therefore suggest that you direct it to Dr. Hale in the Museum of Natural History.

I am extremely sorry for the situation which causes this action. Please accept my personal regrets.

Yours sincerely.

Anders Richter, Director Smithsonian Institution Press

Enclosure

cc: Drs. Cowan, Squires, Hale

Dr. Albion R. Hodgdon Department of Botany University of New Hampshire Durham, New Hampshire 03824

Dear Albion:

Your good letter of January 23 missed me by a few days as I have just returned from a month in Brazil. Eddie McWilliams of the University of Michigan and I were collecting live bromels for his botenical garden and had a wonderful time around Rio, São Paulo, and Belém.

As to the business, I shall be happy to send you my bromels of Bolivia as soon as I can, but it is slightly out of date and will take a bit of refurbishing. Also if possible I should like to add some illustrations. How about them?

In the meantime, Velva Rudd has a paper available almost immediately, because the Smithsonian ran out of publication funds rather unexpectedly and had to return it. Its title is: "Leguminosee of Mexico - Faboideae: Sophoreae and Podalyrieae" - in other words the first 2 tribes. It runs to 80 pages of double-space typing with some of the pages far from full and has a number of maps but no picture. She has published in the "Contributions from U. S. National Herbarium" if you wish to check on her work before writing.

Whatever your decision will you please write to her in care of Bernice Schubert as she plans to be at Harvard the week of February 26 and would like to use the opportunity to complete the paper for "Rhodora" or failing that to start other plans in motion.

With best regards.

Lyman B. Smith Senior Botanist Department of Botany

Department of Botany University of California Berkeley CA 94720

1 March 1968

Dr. Velva Rudd Department of Botany U.S. National Museum Smithsonian Institution Washington, D.C. 20560

Dear Dr. Rudd:

By way of introduction let me say that I am a graduate student in the Department of Botany on the Berkeley campus of the University of California. I have completed all the requirements for the Ph.D. except the completion of my thesis, an ecological study of disturbed habitats based upon field work done in Costa Rica. Unfortunately, further work on the thesis is being held up by lack of identifications of my herbarium material, over 3,000 specimens of, for the most part, weedy shrubs and herbs.

Because the herbarium here is poorly supplied with Central American material it is difficult or impossible to make identifications by comparison. Feter Raven suggested that I send my specimens of Leguminosae to you for identification, but since I shall be driving East in twelve days I could bring them with me. If you would identify at least some of my specimens while I am there I would greatly appreciate it. However, if this would be inconvenient I can leave the ones for which I have duplicates. In the case of unicates only, you can have them to keep in July, when I will have finished with them.

Your help would be greatly appreciated as without identifications I cannot proceed on my thesis. I beg your indulgence for troubling you with this request. I am also requesting the assistance of Dr. Richard Cowan.

Sincerely,

arthur S. Weston

Arthur S. Weston

AW/jw

Mr. Arthur S. Weston Department of Botany University of California Berkeley, California 94720

Dear Mr. Weston:

In reply to your letter of 1 March, if you will sort your specimens to family, I will take a quick look at the legumes. I should be able to place most to genera and many to species, and then turn you loose to do the "herbarium crawl" to identify them further. I cannot take the time from prior committments to do any large naming job.

I am extremely busy this month, trying to finish several things so I can get away to California about 1 April. I suppose you know that the Field Museum has under way a revision of the Flora of Costa Rica. Legume-wise, however, nothing new has been done.

It will be nice to see you. When do you think you will arrive in Washington?

Sincerely yours.

Velva E. Rudd Curator Department of Botany

P. S.

John Wurdack says he will be glad to determine the melastomes and probably can give you names of most of them while you are here.

He never did arrive!

VERudd/chl

Dr. Albion R. Hodgdon
Department of Botany
University of New Hampshire
Durham, New Hampshire 03824

#### Dear Albion:

Herewith is my Mexican manuscript. I hope it rates its advance billing. The little maps, some of Agnes Chase's religuise, are a bit discolored so I thought it best to send you the original figures rather than have them photographed.

In looking over a recent issue of Rhodora (June-September 1967) to check on formst, I noticed a difference in size of type between the earlier papers, on <u>Tragia</u> and <u>Physalia</u>, and King's paper on <u>Hofmeisteria</u>. In case it makes any difference, I prefer the former, with smaller type.

Thanks for taking this on and I look forward to seeing proof in due time. Lyman says he will have his paper ready for the next issue after mine.

It was nice seeing you, though briefly, last week at Harvard.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

Prof. M. Zohary

#### האוניברסימה העברית בירושלים THE HEBREW UNIVERSITY OF JERUSALEM

DEPARTMENT OF BOTANY

March 7th, 1968

הפחלקה לבומניקה

Dr. Velva E. Rudd Department of Botany National Museum Smithsonian Institute Washington, D.C. 20560 U.S.A.

Dear Dr. Rudd,

For the preparation of a revision of the genus Trifolium we are in need of material growing in your region.

Since our study is connected with anatomical and morphological examinations, we would like to obtain duplicate specimens, if available, of your herbarium material in exchange for East Mediterranean material of various genera of Leguminosae.

Attached is a list of the <u>Trifolium</u> species in which we are interested and which we would be very glad to obtain. Another list of the Middle Eastern genera which we offer for exchange is also enclosed here.

We will be very obliged to you if you will kindly help us in this matter.

Thanking you in advance,

Sincerely yours,

m. foling

M. Zohary

|           | calit.                                 |    |   |
|-----------|--|----|---|
| Trifolium | albopurpureum Torr, et                 | T. | microcephalum Pursh                                       |
|           | Gray                                   | T. | monoense Greene   |
| T.        | andinum Nutt. in Torr. 1/1/2 o et Gray | T. | multipedunculatum Kennedy nanum Torr.                     |
| T.        | attenuatum Greene = T. dany by law     | T. |   |
| T.        | bifidum Benth.                         | T. | olivaceum Greene  |
| T.        | bolanderi Gray                         | T. | oreganum Howell plummosum Dougl. ex Hook. thomsoni Morton |
| T.        | brandegei S. Wats.                     | T. |   |
| Т.        | ciliolatum Benth.                      | T. |   |
| т.        | dasyphyllum Torr. et                   | T. | tridentatum Lindl.  |
| **        | Gray                                   | T. | variegatum Nutt. in Torr.                                 |
| T.        | depauperatum Desv.                     |    | et Gray<br>wormskieldii Lehm.                             |
| T.        | douglasii House                        | т. |   |
| T.        | eriocephalum Nutt. in<br>Torr. et Gray |    |   |
| Т.        | gracilentum Torr. et<br>Gray           |    |   |
| T.        | haydenii Porter                        |    |   |
| T.        | longipes Nutt. in<br>Torr. et Gray     |    |   |
| T.        | macraei Hook. et Arn.                  |    |   |
| T.        | macrocephalum (Pursh)                  |    |   |

Poir.

C. L. Porter - U. of Wyong asked Love U of Colo Pail Moran - Son Liego John Thomas With Carguint

### Available for exchange

Alhagi

Anagyris

Argyrolobium

Astragalus

Biserrula

Galycotome

Cicer

Colutea

Coronilla

Crotalaria

Dorycnium

Factorovskya

Genista

Glycyrrhiza

Hedysarum

Hippocrepis

Hymenocarpus

Lathyrus

Lens

Lotononis

Lotus

Lupinus

Medicago

Melilotus

Onobrychis

Ononis

Ornithopus

Physanthyllis

Pisum

Poorales

Retama

Rhynchosia

Scorpiurus

Securigera

Spartium

Tephrosia

Tetragonolobus

Trifolium

Trigonella

Vicia

Vigna

March 11, 1968

AIR MAIL

Mr. Arthur S. Weston Depertment of Botany University of California Berkeley, California 94720

Dear Mr. Weston:

I hope this letter catches you before your departure from the University because I think it is worth trying to let you know how little time I have available for scientific activities of my own.

The herbarium here is, of course, well-off with respect to Central American plant collections but my experience has been altogether in northern South America. I would be glad to work with Dr. Rudd to do what I can in spot-identifying your materials. Probably the best I can do is to suggest generic names and leave to you the matching of your collections with material of that genus in the herbarium. Dr. Rudd may be able to spend more time on the problem but I leave this to her to determine. Certainly we shall be glad to have you here, and I look forward to meeting you.

With best regards.

Sincerely yours,

Richard S. Cowan Director Museum of Natural History

cc: Dr. Rudd \( /copy of incoming letter \)

RSCowan: pi 3/8/68

March 29, 1968

#### AIR LETTER

Prof. M. Zohary Department of Botany The Hebrew University of Jerusalem Jerusalem, ISRAEL

#### Dear Professor Zohary:

I have checked our herbarium material of Trifolium and am sorry to find that we have no duplicate material. No one from our staff is actively working in the western United States where the species you requested are native. I suggest that you write to people at some of the universities at that end of the country, such as:

Dr. John Thomas, Stanford University, Stanford, California

Dr. Askel Love, University of Colorado, Boulder, Colorado

Dr. C. L. Porter, University of Wyoming, Laramie, Wyoming

Dr. Robert K. Vickery, University of Utah, Salt Lake City, Utah

Dr. Charles T. Mason, University of Arizona, Tucson, Arizona

It is possible that the New York Botanical Garden has some material. Dr. Arthur Cronquist and Mr. Rupert Barneby have done a good bit of collecting in the western states.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

idd/chl

Dr. John W. Thieret
Department of Biology
University of Southwestern Louisiane
Lafayette, Louisiana 70501

Dear Dr. Thieret:

Under separate cover I am sending you an assortment of reprints, including my work on <u>Aeschynomene</u>. As I recall, only <u>Ae</u>. <u>indica</u> and <u>Ae</u>. <u>rudis</u> have been reported from Louisiana, but I should expect <u>Ae</u>. <u>viscidula</u> to turn up also. If you have any dubious species I should be gled to have you send them for identification and if any new records, would welcome duplicate specimens. I plan to revise the genus and related genera for Flora Neotropica and for the North American Flora (N. Y. Bot. Gerd.).

I will forward your letter of 21 April to Mrs. Eileen McCarthy, Chief of the Publication Distribution Section of the Smithsonian Press and, hopefully, she will have you and/or your Biology Department put on the mailing list. Your earlier letter to the Institution probably is in bureaucratic limbo somewhere enroute to Mrs. McCarthy and may never turn up.

Glad to hear that you are back at work on the Scrophs. Good luck.

Sincerely,

Velva E. Rudd Curator Department of Botany



### University of Southwestern Louisiana

Lafayette, Louisiana 70501

28 April 1968

Dr. Velva E. Rudd Curator Department of Botany US National Museum Smithsonian Institution Washington, D.C. 20560

Dear Dr. Rudd:

The reprints and your letter have been received. For both, many thanks. Our legume student is already at work with the Aeschynomene paper... At the moment, we think we have A. americana for Louisiana, but we shall check further. We shall indeed send specimens of any interesting finds.

Again, thank you for your help.

Cordially yours,

John W. Thieret



# The Palm Society

OFFICE OF THE PRESIDENT

308 Elfwood Drive Monrovia, Calif. ### 91016 April 29, 1968

Dr. Velva 5. Rudd Smithonian institute Dept. of Botany Washington, D.C. 20560

Dear Dr. Rudd,

At a recent board meeting of the Western Chapter Mr. Burt Greenberg showed and loaned me a bulletin 'Kentia Palms in California' by O. F. Cook. This is an outstanding tretise on Kentias and is of greatest interest to me. My firm, Deigaard Nurseries, Inc. specializes in the growing and distribution of three species of Howeas for the past 20 years. If it is at all possible to obtain this broshure by Mr. Cook I would greatly appreciate having it. I know that you were one of his ## associates and if anybody could you would be the one to procure it.

I hope you will be able to attend the August convention of the Palm Society in Arcadia, Calif.

Sincerely,

Otto Martens

Otto Weartens



#### UNIVERSIDAD NACIONAL MAYOR DE SAN MARCOS MUSEO DE HISTORIA NATURAL Av. Arenales 1256 Apartado 1109 LIMA-PERU

Lima 2 de Mayo de 1968

Dr.

Velva Rudd

U.S.A.

Saludandola muy cordialmente y felicitándola por los estudios que realiza, en el campo de la botánica y habiendome enterado, de que Ud. esla especialista en la familia de las Leguminosas por intermedio del Dr. Ramón Ferreyra; paso a explicarle el motivo que me lleva a enviarle ésta misiva; sov egresada de la Escuela de Piología y para optar el grado de Bachiller en Ciencias Biológicas, estoy realizando una tesis sobre las Legumisas del Valle del Rimac.

He encontrado el inconveniente, en algunos géneros de no poder determinar las especies, siendo ésta la causa por la cual no ha sido posible que vo concluyese el trabajo. Por lo tanto adjunto ésta carta un paquete conteniendo las plantas que vo desearía que Ud. tenga a bien poder determinarlas.

Anticipandole mi agradecimiento a su respuesta , me desnido de Ud. muy atentamente.

Mida Carrillo Fuentes

May 8, 1968

Mr. Otto Martens The Palm Society 308 Elfwood Drive Monrovia, California 91016

Dear Otto:

Enclosed is a copy of "Kentia Palms in California" that I was able to round up for you. Mostly the extra copies of Cook's papers were sent to Lucita or the Fairchild Garden to dispose of in Florida. At that time I did not realize how active and large the Western Chapter was.

There are no charges for such reprints, when we have them. Just keep on paying your taxes to the U.S. Government!

I plan to attend the August convention in Arcadia and look forward to seeing you and your family again. I also hope to go on the excursions, including the big one after the meetings.

Best wishes.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

VERudd/chl

# MISSOURI BOTANICAL GARDEN



2315 TOWER GROVE AVENUE ST. LOUIS, MISSOURI 63110 TOWNSEND 5-0440

May 20, 1968

Dr. Velva Rudd, Curator Department of Botany U. S. National Museum

Dear Dr. Rudd;

With your permission I would like to work in the U. S. Nat. herbarium on the 13th, 14th and if possible on Saturday the 15th of June. I will be coming out with Dick Maxwell.

I would like to examine your holdings of <a href="Inga">Inga</a> Sect. <a href="Inga">Inga</a> and the genus <a href="Hamelia">Hamelia</a> (Rubiaceae). If arrangements can be made I would like to select certain sheets of <a href="Hamelia">Hamelia</a> for loan. Since I have examined the material here, at the Field Museum and at Harvard and have a card file on every sheet I've seen, I doubt if the loan would be a large one. Certainly I would never make the same mistake that I made on my first trip there. Having worked at a large herbarium and also having gained considerable experience in taxonomy since I left SIU has I feel properly prepared me to work in other large herbaria.

I hope that you may have a few minutes to talk with me concerning my work on legumes and about legumes in general.

Sincerely,

Tom Elias Thomas S. Elias Graduate Fellow

May 22, 1968

Mr. Thomas S. Elias Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis, Missouri 63110

Dear Tom:

We will be expecting you and Dick on June 13 and will arrange for passes so you can work overtime, including Saturday and Sunday if you wish.

It will be nice to see you again and I shall be glad to chat with you concerning your work, etc.

Sincerely,

Velva E. Rudd Curator Department of Botany

### UNIVERSITY OF CALIFORNIA, BERKELEY

BERKELEY . DAVIS . IRVINE . LOS ANGELES . RIVERSIDE . SAN DIEGO . SAN FRANCISCO



SANTA BARBARA . SANTA CRUZ

HERBARIUM DEPARTMENT OF BOTANY BERKELEY, CALIFORNIA 94720

June 7, 1968

Dr. Velva Rudd U.S. National Herbarium Department of Botany Smithsonian Institution Washington, D.C. 20560

Dear Velva:

During the course of editing the late Elwood Molseed's doctoral dissertation on the genus <u>Tigridia</u> for publication in the University of California Publications in Botany, I have encountered the following problem: Dr. Molseed found it necessary to designate a nectype for <u>Tigridia pavonia</u> (L. f.) DC., and he chose a "well preserved and widely distributed" collection, <u>Pringle 6618</u>, from a valley near Tula, Hidalgo, Mexico. In his citation of specimens, he indicates that he saw this collection among material lent by: US, F, MO, MSC, VT, BM, CH, G, but he failed to note which of these sheets he was designating as the "holo"-neotype. I would appreciate it if you would check your specimen of <u>Pringle 6618</u> to see whether or not Dr. Molseed annotated it as the neotype.

Thank you very much for your help in this matter. It is incredible how many questions arise in editing a paper being published posthumously—things that could be answered easily by the author were he still alive.

Sincerely.

Annetta Carter

Principal Herbarium Botanist

1. Ita

Having This 200 to moso. Thrown I me

ACTENT to select is really setting me back in

The program Did laid out for The

summer to work on my B. efa. collections, but

even so, I'm still happing to get East smalling
in the Fell, mostly informe by myself instead

It Institute for Bota meal Documentation

Miss Annetta Carter
Department of Botany
University of California, Berkeley
Berkeley, California 94720

#### Querida Anita:

What a job to be dumped on you as a finale. I heard that your retirement was imminent.

We have the following sheets annotated by Elwood Molseed as <u>Tigridia</u> types:

Pringle 6618 (U.S.N.H. no. 287734) as Neotype of T. pavonis.
" " 933901) as duplicate of Neotype.

Pringle 4490 (U.S.N.H. no. 36857) as Neotype of T. vanhouttei var. vanhoutei
" " 933903) as duplicate Neotype.

Hinton 6527 (U.S.N.H. no. 1793422) as Holotype of T. mortonii

Hinton 9748 (U.S.N.H. no. 1793465) as Isotype of T. hintonii

Pringle 4771 (U.S.N.H. no. 254679) as duplicate of Holotype of <u>T. scoliopoides</u>
" (U.S.N.H. no. 933904) as Isotype of <u>T. scoliopoides</u>

Pringle 2553 (U.S.N.H. no. 933930) as Neotype of <u>T. melesgris</u>
" (U.S.N.H. no. 36881) as Duplicate of Neotype.

There also is a sheet of <u>Pringle 5747</u> annotated as <u>Fosteria oaxacana</u> Molseed but without any type mentioned. I gather that is an unpublished new genus?

Does your retirement mean you will be moving to Baja, bag and baggage? I plan to join Pat Bauer, et al. on a trip down Baja in December. As I recall, Loreto is not on the itinerary, though.

It will be nice to see you here in the East. Please let me know when so I won't miss you, as I did Mildred Mathias recently.

Kittle Parker just wandered into my office. Greetings from her, too.

Affectionately,

Velva E. Rudd Curator Department of Botany

VERudd/chl

### SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON, D.C. 20560

June 28, 1968

Dr. Don Gordon
Department of Botany
New Mexico State University
Las Cruces, New Mexico 88001

Dear Dr. Gordon:

By luck, your professor, Dr. Heiser was here when the letter and specimen arrived from Mrs. Kolpin. He could not remember which college you were moving to and suggested I write to Las Cruces.

The tree in question apparently was grown from seed found in rice about 75 years ago. The pod is short as indicated by my life-size sketch below. The leaves and flowers match very well with a couple of specimens from Chile that I found among our unidentified legumes. If after you get settled you wish to borrow Mrs. Kolpin's specimen, or any others you have not yet seen, please let me know and I will be glad to send them to you.

Enclosed is Mrs. Kolpin's letter and a copy of my reply.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

Enclosures

#### SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON, D.C. 20560

July 1, 1968

#### AIR LETTER

Institut d'Expérimentation Animale 28, Rue Ernest-Renan B.P.21 Paris 13, FRANCE

Dear Sirs:

In reply to your letter of 21 June 1968 concerning seeds of <u>Lespedeza capitata</u>, I am sorry to say that I have no source of seed of that species but I am forwarding your letter to Dr. Andre Clewell, Florida State University, Tallahassee, Florida. Dr. Clewell has been studying <u>Lespedeza</u> for some time and is the person best informed on that genus.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

Dear Velda:

I did have some seeds of  $\underline{L}$ .  $\underline{\text{capitata}}$  on hand that I forwarded to Paris.

I still have in the back of my head plans to do a preliminary revision of Lespedeza of the world, but I've been side-tracked by Eupatorium and some ecological work. Might be a year before I go back to my beans.

# PROYECTO DEL FONDO ESPECIAL DE LAS NACIONES UNIDAS PARA DIVERSIFICACION DE CULTIVOS EN GUATEMALA

ASOCIACION NACIONAL DEL CAFE

Cables: ANACAFE
Teléfonos: 2079 - 23243 - 2823 - 2207



7a. Avenida 10-34, Zona 1 GUATEMALA ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION - F A O -

Su ref .:

Nuestra Ref.: 8.4.(a)

Guatemala July 1st., 1968

Dr. F.J. Hermann Curator, United States Forest Service Herbarium U.S.D.A. Building LL Washington D.C., 20520 U. S. A.

Dear Dr. Hermann,

I am working on a FAO Project in Guatemala as Livestock Production and Pasture Management Expert and am having quite an interesting time collecting native legumes which abound in this country. Unfortunately I am unable to place some of them into their correct species as I have no taxonomic guide to them. I wrote to an old friend of mine in Australia, Dr. Mark Hutton, and he was kind enough to suggest your name as a possible source of this type of information. If you could either let me have copies of relevant publications or tell me where I can obtain some, I would be very grateful.

A wide range of Genera and Species are represented here, including Stylosanthes, Desmodium, Phaseolus, Calopogonium, Centrosema, Leucaena, Teramnus, Tephrosia, Crotalaria and even some Trifoliums in the highlands. Some of these, particularly the Stylosanthes and Desmodiums could provide a significant contribution to the pastures of Guatemala under a rather more sophisticated form of management. I have collected seeds from a wide area and hope to establish selection plots soon.

Hoping to hear from you soon,

Yours sincerely,

E.J. Johnston

Livestock and Pasture

Royd. 7/16/68

Management Expert

EJJ/ema

Hunt Institute for Botanical Documentation

### LOUISIANA STATE UNIVERSITY

BATON ROUGE . LOUISIANA . 70803

College of Arts and Sciences — Agricultural Experiment Station

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

July 8, 1968

DEPARTMENT OF PLANT PATHOLOGY.

Dr. T. Rudd, U.S.National Herbarium, Smithsonian Institution, Washington, D.C.

Dear Dr. Rudd:

I know and realize the restrictions on plact identifications, in particular large quantities. However, I am taking the libertyy to send you what I think is an unusual plant.

I take it to be Hydrochartiaceae and in the genus Blyxa. Unfortunately we do not have sufficient literature to make a specific identification. I am sending a brief description.

Sincerely,

Claura Drucen Clair A. Brown Professor of Botany

P.S. Dan gaing to the Cowen property tomorrow weth Mr. Baker.

cf. B. anbertii L. C. Rich - po + Rynka - B. oetandra (Roxb.) Pd - Chin (B. roxburghii Rich.) Chin + dop = valundra Dea Dr. Rudd,

I would like to thank you for all the help, suggestions and advice you gave me while at the Smithsonian. It is not only helpful but encouraging when someone of your caliber is willing to take time out to talk "shop" with me.

When I left I inadvertantly left some notes and a single sheet of Impa that belongs to MBG on the holfcases adjacent to the Inga's. I would be groteful if you could mail them to me.

I would also like to thank you

for your wellingness to sponsor me on my proposal to work at the Smithsoniai. I agree with you in that if Dr. Cowan were to co-sponsor my proposal my chances would be increased.

will to Fooling be away for an extended time? Perhaps I should not overloak any possibilities he may have for coming to the Smithsonian or related works.

Sincerely, Tom Elias

July 15, 1968

Dr. Clair A. Brown
Department of Botany and Plant Pathology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Dr. Brown:

The best I can do is call your plant <u>Blyxa subertii</u>
L. C. Rich., wel aff. We have sheets of that from Japan and the Ryuku Islands. There are other species from Asia that look somewhat like it, some of which might be synonymous, but I do not know of a monographic treatment of the genus.

Do you know the source of the rice seed?

I will turn in your specimen to be mounted and someday someone may identify it more certainly.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

P.S. Please don't call me Thelma!

VERudd/chl

#### AIR LETTER

Mr. K. A. Grounds, Esq. 11 Allos Rosd Goodmayes Ilford, Essex, ENGLAND

Dear Sir:

In reply to your letter of 30 June 1968 concerning Epiphyllum and Hylocereus, I have found the following annotations on our herbarium sheets:

- 1. Epiphyllum gaillardae = E. phyllanthus (L.) Haw. (fide M. Kimnach.).
  - 2. Hylocereus minutiflorus = Wilmattes minutiflors B. & R.

Perhaps the best person to advise you on such Cactaceous matters would be Myron Kimnach, Huntington Botanical Gardens, San Marino, California, U.S.A.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

July 17, 1968
Southern Illinois
University
Botany Department
GARBON DALE, ILLINOIS 62901

Dr. Velva E. Rudd Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Dr. Rudd:

Thanks for looking after Tom and I when we were in Washington.

I've duplicated the Pittier material and have enclosed the originals. It should help my study.

When the loan arrives from your herbarium I'll begin working on a small paper about <u>Cymbosema</u> roseum Benth, and would be pleased if you would review it.

Good to see you again and perhaps we'll see you in St. Louis if you can work the Symposium in between your travel plans.

Thanks again.

Yours truly,

Dick Maxwell

Richard H. Maxwell

Mr. Thomas S. Elias Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis, Missouri 63110

Dear Tom:

Thanks for your letter. It was nice having you here and I hope we can work out something for a longer visit. I spoke to Dr. Cowan yesterday about the idea of his name being included as a co-sponsor for you and he seemed pleased, so go ahead that way. He wondered what would happen if he told you one thing and I another, but he agreed with my comment that neither he nor I know enough about <u>Inga</u> to confuse you.

By chance I discovered your notebook, etc. the day after you left. By now you should have the <u>Inga</u> typescript, which I sent separately. The notebook and the MO sheet will be packed with your <u>Hamelia</u> losn. Our package-wrapper was out sick all last week but should get to your material today.

Good luck and all.

Sincerely,

Velva E. Rudd Curator Department of Botany

x press colf. T. Elias Mo Bot. Inga selected by m Elias I sheet of their material I pulsage of notes - their made

sheets Hamelia miledig

**Hunt Institute for Botanical Documentation** 

types



July 18, 1968

Dear Velva,

I just wanted to write you a note to thank you for halping to make my time up there so satisfactory. I appreciated your taking me to Bob King's apartment for dinner and taxling (is there such a word?) me to the hotel. Your friendliness and that of the others made my stay just that much more enjoyable.

I think I'll try to remember to write you to pick up a seed or two of that Sophora japonica later on. If you have any reason to be down south and think you can find this berg, Betty and I would be pleased to have you visit us.

Cordially,

Wm. L. Ellison

Dr. Velva E. Rudd, Curator, Department of Botany, U.S.National Museum Smithsonian Institution, Washington, D.C. 20560

Dear Dr. Rudd:

Please accept my apology for calling you "Thelma." I sure had a bad lapse of memory.

We are very greatful for you kindness in making the identification of Blyxa.

I have visited the area and found Blyxa in three rice fields. I do not believe the plant to be a primary introduction. Sphenoclea was reported from the rice area in theearly 1900's and Ottelia at the start of WWII. I suspect that all of these were imported early before there were restrictions. Now days inspections and regulations materially impede private introductions. I might add this plant is not on land of the Rice Experiment Station where all new varieties are tested.

I am sending under separate cover fruiting material I collected.

The farmer had started to draw down the water in the original field, and as the plant is dewatered it shrivels and rots. It will not survive drying.

Next week I plan to search two areas where  $\underline{\text{Ottelia}}$  has been collected.

Sincerely,

Clair A. Brown

Clau a Bruin

Academia Vacional de Ciencias Esastas, Finicas y Naturales de Bonara Aires

DARWINION
SAN ISIDRO, F. C. N. B. B. M.
ARGENTINA

San Isidro, 8th August, 1968

Mr. Richard F.Maxwell Botany Department Southern Illinois University Carbondale, Illinois 62901 U.S.A.

Dear Mr. Maxwell:

Your letter of March 29 has been received in due time, but unfortunately I had no time then to look at your problems with sufficient care. I hope my letter does not come too late now. I thank you for your work on our <u>Dioclea</u> material and for the announced gift of new specimens. I am interested in duplicates of other Leguminosae from your expedition to Brasilia. Unfortunately you did not extend your visit to Buenos Aires and San Isidro, to work at the Darwinion with our legume herbarium.

My general opinion on the genera of Phaseolae near Galactia is that they do stand critical examination and that our task is rather to support them with new characters instead of thinking on merging them one into the other. I have a long practice on these plants and as a matter of fact, I can tell them apart with reasonable ease.

Unfortunately I have no fresh material of <u>Dioclea lasiophylls</u> which you asked for. This is a rather critical species indeed. I made a remark on this when I had to describe it in my book "Las Leguminosas Argentinas" edit.2 p. 403 fig.l2l.1952; the elongated leaf rhachis of this species is very different from other diocleas.

As to Collaea, type species C.speciosa(Lois.) DC., my opinior is that it differs very much from Galactia (type: G.pendula Pers., from Jamaica) because of the pseudomonadelphous androecium (Galactia is clearly diadelphous). But there is another difference: in Collaea (C.speciosa, C.stenophylla(H.et Arn.)Benth. are typical species, others perhaps synonyms of the former or to exclude) the pedicels have no thickenings at their base, there is no "knotty peduncle" as it should be in the Galactia tribe. This character I found only recently. It makes Collaea more akin to the Glycine tribe. The shrubby habit is also a difference between Collaea and Galactia. Now, in Bentham's treatment of Collaea in "Flora Brasiliensis", the genus is taken too wide; my idea is to take section Collaearia (including "sect." Galactioides) loc.cit p.145 as a valid genus different from Galactia, at least by the pseudomonadelphous stamens, and different also from Collaea.

Camptosema is also valid because of same type of united

Hunt Institute for Botanical Documentation

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stamens, the stipitate ovary, the right horizontally extended style and keel, as several other peculiarities: f.i. the calyx sericeous on the inner side.

I have a revision of <u>Camptosema</u> Hook.et Arn., ined., with a key of 17 species, some new, which I can send to you on loan if you or Dr.Irwin are interested.

As to <u>Dioclea</u> my experience is scarce, because it is not common in extratropical South America, but I believe that it is also a natural group.

The genus <u>Galactia</u> is difficult and I have several "species in this herbarium which are not identified and some seem new. I am awaiting the opportunity to publish something on it. My experience is that the truly diadelphic stamens is a good, workable character to distinguish this polymorphic group.

It would be interesting to me to hear again from you and to continue a discussion on these groups which deserve so much study. An exchange of duplicate herbarium specimens is also desirable.

With best regards, also to Dr.H.S.Irwin, whose monographs c Cassia Sect. Chamaechrista and Apoucuita are very interesting.

Yours truly

ARTURO BURKART

PS. If you need some papers of mine on Leguminosae, I can send you some.

Notes moderal (SIV) My. 28,1968.

Mille

278702 4// August 9, 1968

> Dr. Don Gordon Biology Department Mankato State College Mankato, Minnesota 56001

Dear Dr. Gordon:

Thank you for your letter of July 8. As you suggest, I am sending you Mrs. Kolpin's <u>Glediteia</u> specimen, plus a few other sheets that you have not seen and on which we should be pleased to have your annotations.

I have heard your name mentioned in connection with

Phaseolus. Do you plan on tackling it? The genus certainly
needs attention, and people keep talking about it, but there
seems to be little concrete (or printed) evidence of progress.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

Enclosure

VERudd/chl



## Northern Arizona University · FLAGSTAFF, ARIZONA

Department of Biological Sciences August 13, 1968

Dr. Velva E. Rudd Department of Botany U. S. National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I returned from the Mexico-Central America trip about a month ago with some 350 plant specimens. The specimens and their seeds have now been sorted and I am ready to send them to you for identification. Please let me know when it will be convenient for me to send them to you.

Hoping to hear from you soon, I am

Sincerely,

Clarence D. Johnson, Ph.D. Assistant Professor

CDJ/kj

Dr. Clarence D. Johnson Department of Biological Sciences Northern Arizona University Flagstaff, Arizona 86001

Dear Dr. Johnson:

Please do not send me any plants for determination. It is no longer the policy of the Smithsonian to provide general identification service for the public. Instead, we are expected to carry on our research projects and, hopefully, to publish papers that will enable you to identify your own material.

For a while after that policy change I was willing to accept Leguminosae but have found that most collections contain a preponderance of Inga, Cassia, Desmodium, etc. that are better sent to specialists in those genera. If you could sort the legumes to genus and then query me, I could tell you what I would accept and what should be sent elsewhere. For general help you might check with the Missouri Botanical Garden, where they are working on the Flora of Panama, or the Field Museum, where major interests are in the Floras of the other Central American countries.

In addition to my research commitments, I still have on hand a tremendous backlog of specimens to be identified that were sent to me years ago. Sorry.

Sincerely,

Velva E. Rudd Curator Department of Botany



## UNIVERSITY OF FLORIDA INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES

COLLEGE OF ADMICULTURE ADMICULTURAL EXPERIMENT STATIONS ASSECUTIONAL EXTENSION SERVICE SCHOOL OF FORESTRY

THE HERBARIUM DEPARTMENT OF SOTANY 312 HOLFS HALL GAINESVILLE, FLORIDA 32501

August 19, 1968

Dear Velda:

These Acacia papers aren't much, and they certainly aren't of wide scope, but I hope they'll help us a bit in Florida. Thanks for your help with them.

Sincerely,

D. B. mod

Daniel B. Ward Curator

DBW/lgw encl.

Mr. Richard H. Maxwell Botany Department Southern Illinois University Carbondale, Illinois 62901

Dear Dick:

Thanks for your letter of July 17 and the safe return of the Pittier material.

By any chance was there a Chicago sheet (<u>Bunting</u> 932) among the specimens you borrowed from US? I am short one mounted sheet of theirs and am trying to think of possible wrong places it might be. I know I tore the Bunting bundles apart when you were here.

How are you progressing with <a href="Cymbosema">Cymbosema</a>? I will be glad to look over your paper but will be away from September 1 to October 5.

Sincerely,

Velva E. Rudd Curator Department of Botany Dr. Daniel B. Ward
Department of Botany
University of Florida
Gainesville, Florida 32601

Dear Den:

Thanks for the reprints. I am just as glad that the testimonial to me was omitted since you did not spell my name correctly, anyhow.

As I mentioned in an earlier letter, I hope that someday before too long you will journey north to look at types and extra-Florida material of species you deal with.

Is D'Arcy still with you? I am pleased to have a copy of his checklist.

Sincerely,

Velva E. Rudd Curator Department of Botany



# Northern Arizona University . FLAGSTAFF, ARIZONA

Department of Biological Sciences August 23, 1968

Dr. Velva E. Rudd, Curator Department of Botany U. S. National Museum Washington, D. C. 20560

Dear Dr. Rudd:

I received your last letter and was disappointed to learn that you are no longer determining plants. I do understand the research commitments and am grateful for your help to this point. When the legumes are sorted, I will send a list of genera to you and perhaps you can tell me where they might be identified.

Best wishes and continued success in your research, I am

Sincerely,

Clarence D. Johnson, Ph.D. Assistant Professor

CDJ/kj

#### AIR MAIL

Sta. Elida Carrillo Fuentes Av. Arenales 1256 Apartado 1109 Lima, PERU

#### Querida Senorita:

I am glad to hear that you are working on Leguminosae and I hope that you will continue. There are many problems with the Peruvian species, as is usually true in mountainous areas.

I have examined the specimens you sent but have relatively little confidence in my determinations. <u>Lupinus</u> is especially difficult.

<u>Dalea and Astregalus</u> are being studied by Mr. Barneby, at New York, and <u>Vicia</u> by Dr. Gunn, at Beltsville. If Dr. Dunn, in Missouri, lives long enough he might get to the Peruvian species of <u>Lupinus</u>. He began with the Alaskan species and is working southward, now studying the Mexican material.

Following are my tentative determinations for your specimens:

#### Carrilo

- 10. Acacia macracantha H. & B. ex Willd.
- 75. Lupinus semperflorens var. peruvensis C. P. Sm. ?
- 81. Lupinus chlorolepis C. P. Sm. ?
- 89. Lupinus microphyllus Desr. ?
- 90b. Astragalus pilgeri Macbr. ? 91. Lupinus huaronensis Macbr. ?

### Ferreyra

- 1372. Dalea cylindrica Hooker 8359. Dalea cliffortiana Willd. ?
- 16922. Dales onobrychis DC. ?

#### Ridoutt

12228. Vicia andicola H.B.K., sens. lat. file Dr. C. Game

Best wishes to you in your work.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

August 28, 1968
Southern Illinois
University
Botany
CARBONDALE, ILLINOIS 62901

Dr. Velva E. Rudd Curator Department of Botany Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

The Bunting 932 sheet isn't with my loan from US in the cabinet and  $\overline{I}$  don't have a card for it either. All my sheets have the US label. Sorry, but I imagine you've found it by now.

I won't be able to send the <u>Cymbosema</u> paper until you return after October 5th. My teaching career ends this afternoon when I give the final and then I'll be able to get back to work.

I've enclosed a letter from Dr. Burkart(I'm sure he wouldn't mind?) which contains his opinions relative to what I'm interested in. I have 2 types of <a href="Dioclea lasiophylla">Dioclea lasiophylla</a> Mart. ex Benth. and it is not the same of taxon which is currently associated with the name. I've been annotated but lasiophylla Mart ex Benth. sensu Benth. as <a href="D.guianensis">D.guianensis</a> Bth. Just a more pubescent var.? with a different geographic distribution.

Anyway I feel vindicated in my judgement about throwing the <u>D. lasiophylla</u> Mart. ex Benth. taxon out. That is the current usage, and it seems closer to <u>Camptosema</u> than anything else so I'll write for Dr. Burkart's key. The only other taxon sticking out like a sore thumb is the US one and Tom Elias has found a significant difference in chomosome sizecompared to those brought back from South America and Brit. Honduras and germinated from seed at (MO). I think we have 9 there now.

Have a good trip. I'll be back late in the fall to work with the collections again. Say hello to Deiter for me. I imagine he's a poppa again by now. Thank you for the loan.

Sincerely, Dick

Richard H. Maxwell Graduate Fellow

V.C. 260-5.

August 28, 1968

Mr. J. T. Howell California Academy of Sciences Golden Cate Park San Francisco, California 94118

Dear Tom:

Enclosed are 10 photographs being sent as exchange. The majority are of types of legumes from the Galápagos Islands. I also enjoyed working over your collections in connection with the project.

Regards to all.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

August 29, 1968

ATR MAIL

Dr. Ramón Ferreyra Museo de Historia Natural "Javier Prado" Apartsdo 1109 Lima, PERU

Dear Ramon:

Enclosed are 14 photographs of Peruvian and Ecuadorian legumes being sent as exchange. I am glad to learn that you have a student working on Leguminosae and I hope she will continue. It is a large family and we can use more collaborators.

Best wishes.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

GOLDEN GATE PARK SAN FRANCISCO CALIFORNIA 04118 (AREA CODE 415) 221-5100 THE SCIENCE MUSEUM

THE ALEXANDER F. MORRISON PLANETARIUM

Sept. 24, 1968

Dear Valva: Thanks for thirting of us when distributing The photos of legumes. I am particularly happy to have those of the auternam Johnson plants. I look forward to the forth ening flow of the goldpages. Actually, the last family of g. J. plants I would on just the Bea Family. Then became immered in western american bottomy for batter - for worse! But I have always retained an interest in the island offers.

Now I am just back from my " pre- reture"

must botamical expedition" to the campor lands

of letach + ariginar. I decided I would notell

go them + re-visit country I haven't seen for

years that to go to W. australia + S. aprice!

I was not disappointed. I stell love our

SW.

But wish



### The Fairchild Tropical Garden

10901 OLD CUTLER ROAD MIAMI, FLORIDA 33156



October 10, 1968

Dr. Velva E. Rudd Department of Botany Smithsonian Institution Washington D. C. 20560

Dear Velva:

As you may have learned from the Botanical Grapevine I am now the taxonomist on the staff of the Fairchild Tropical Garden. I noticed that we have a great many plants in the Mimosoideae. Sooner or later, I should like to have these verified as to the correct identity, and wonder if you will be willing to tackle them if I were to make collections and send them to you. You probably by this time anticipate that any letter from Gillis is automatically a request for determinations. I hope that I am not to much of a bother, rather helpful in procuring specimens for your study as well as determining what we have available.

If you are agreeable to looking at these things, I shall send them any way you wish -wait until I have the complete collection in flower and fruit, or send them as I make collections periodically. I will presume that I can send all of the data that we have including place of original collection and other appropriate data. Needless to say, the specimens that I send you will be for your herbarium.

I hope some day I can reward you by a guided tour to the Garden. After all, you have been very kind to me in making determination in the past. I think you should deserve the red carpet treatment when you come to Coral Gables!

Cordially,

William T. Gillis, Taxonomist

WTG:gc

(legume)

coll. Frank Sliwak, Route #1 (Box 13j), Longwood, Seminole Co., Florida
28 October 1968

"weed in a pasture"

sent to Dr. Velda Rudd, US, 29 Oct 1968, by D. B. Ward

of contractifica (en for

Kissimmer

List

Hunt Institute for Botanical Documentation

October 28, 1968

Dr. William T. Gillis The Fairchild Tropical Garden 10901 Old Cutler Road Mismi, Florida 33156

Dear Bill:

Congratulations on the new job. I had not heard. This change of location means, I presume, that you have wrapped up the poison ivy problem and finished your degree?

As to identifying the mimosoids at the Garden, I do not want to take on any big project. In fact, we are no longer supposed to be doing routine identifications, and there are those who take a dim view of cultivated plants. However, I wouldn't mind having a look at some of your specimens.

Because the cultivated things are often difficult to identify, it would be helpful if you would wait with sending material until you could assemble a good set, with flowers and fruits. On your labels mention that no. ---- (in fruit) is from the same plant as no. ---- (in flower) and vice versa. Do not combine different gatherings. Please try to find out the origin of the plant. There should be records at the Carden giving that information, whether from Brazil, Mexico, or ?.

I shall plan on a conducted tour of Fairchild Garden. I was there a few years ago for the Palm Society meeting and, except for a palm tour, I mostly wandered by myself. Perhaps I can get down to Miami for the next meeting of the Palm Society, in 1970.

Best wishes.

Sincerely,

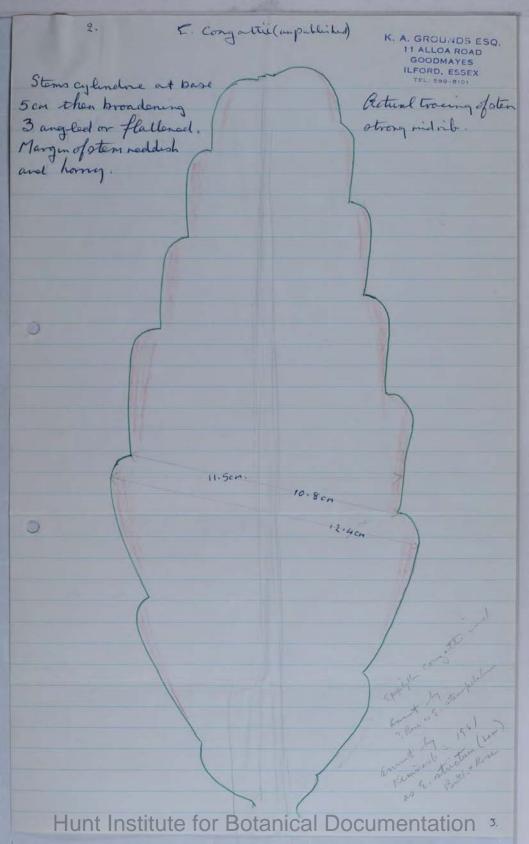
Velva E. Rudd Curator Department of Botany

P.S.

Eddie Ayensu just brought me your greetings. Thanks.

VERudd/chl

K. A. GRCUNDS ESQ. 11 ALLOA ROAD GOODMAYES SMITHSONIAN INSTITUTION US NATION AL MUSEUM TELE BOOLBICE ENGLAND. WASHINGTON DC 20560 USA. TO VELVA E RODD CORATOR 29-10-68. DEPT OF BOTANY. -ion was just what I required. I am wordering if you may be able to help me idealify a species of EPIPHYLLUM (for . Cactacae) known as CONZATTI, which . M' My ronkemuch believes he saw at your institution, as either material orphtograph The plant was collected by CONZATI in S Mexico, M'Tunnel states, that the Epiphyllum Congatta, is as yet unpublished. I have flowered a plant of E piphy Clum Congratti in my collection, and enabose a description of flower, and wonder if it would be possible to compare and see if indeed this is the same plant. If it is, perhaps you could give me any imformation regarding this plant, which I could use in my file on Epophy tie caste, which I am making for my Society (Castur + Suce-- Went Soe of It Bortain) Description Imer petals white, namon, radiating gook like - 8 MM wide / 5.8 cm long. 27 in all. "Scale petals; 7.5 cm long, backed rose pink - 6m all (then 3 shorter scale petals) Style: deep corose -paling a lettle at lobes, at the Stamons white filements, in two groups, one group forming ring at base of himb, the other group formed inside tube of flower, 115 cm from Overys. Steners in ring approx, 4cm long, (i) studement final Anther creamish. Tube: delicate rose purk to greenish - short scales. inside of take, fairly smooth, otimens don't appear to be fired trivide of the. Droplets of mosture of base of tale (inside). The petals reflex away from stamers and style. Hunt Institute for Botanical Documentation



I don't know if my description will help in identifying this plant but I hope it will.

I have also gust flowered EPIPHTULOM GERTRUDIANOS for the first time, and notody I've asked conclet tell me if this is a species or hybriel, if it is histed as a species, and you can find out easly for me, could you please tell me.

Thanking you in authorpation, and hope I we not coused you to much trouble,

You to much trouble,

Learn Succordy

Learn Succordy

Learn Succordy

Learn Succordy

Learn Succordy

Learn Succords

K. A. GROUNDS ESQ.



INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES



COLLEGE OF AGRICULTURE ASSIGNATURAL EXPERIMENT STATIONS AGRICULTURAL EXTENSION SERVICE SCHOOL OF FORESTRY

THE HERBARIUM DEPARTMENT OF BOTANY 31E ROLFS HALL

October 31, 1968

Dr. Velve E. Rudd U. S. National Museum Department of Botany Smithsonian Institution Washington, D. C. 20560

Dear Dr. Rudd:

Within the last year or so we have been asked four or five times to identify a legume apparently recently introduced into cultivation in Florida. We just haven't been able to match up the small scraps given us with anything! Today we finally got a reasonable size chunk and are sending it on to you. Do you have any suggestions?

Sincerely,

20. 21. March

Daniel B. Ward Curator

DBW:jl

October 31, 1968

#### AIR LETTER

Mr. K. A. Grounds, Esq. 11 Alloa Road Goodmayes Ilford, Essex, ENGLAND

Dear Sir:

By a stroke of luck I was able to find the specimen originally annotated as <a href="Epiphyllum conzatti1">Epiphyllum conzatti1</a> (ined.), later, in what may be Rose's hand, as <a href="E.stenopetalum">E.stenopetalum</a>, and finally, by Kimnach in 1961, as <a href="E.strictum">E.strictum</a> (Lem.) Britton & Rose. Your drawing matches quite well with that sheet and others in our folder of <a href="E.strictum">E.strictum</a>.

So far as I can find, the name, E. gertrudianus, is unpublished and I have no idea of its origin.

Have you ever contacted Dr. David Hunt, at Kew? He has done some work with cacti and is now trying to correlate greenhouse and herbarium records. Perhaps he can solve some of your problems.

Sincerely,

Velva E. Rudd Curator Department of Botany

November 1, 1968

#### AIR MAIL

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Apartado Postal 70-233 Mexico 20, D.F., MEXICO

Dear Dr. Matuda:

Your collection no. 37579, sent as <u>Indigofera</u>, appears to be a <u>Dalea</u>. I cannot give you a specific name because I am waiting for Mr. Rupert Barneby to identify our material. He is working on a revision of the genus.

I hope you are well and that I will see you next year at the IV Congreso.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

November 1, 1968

AIR MAIL

Dr. Uno Eliasson Institute of Systematic Botany University of Göteborg Frölundsgatun 22 Göteborg SV, SWEDEN

Dear Dr. Eliasson:

After examining the type of <u>Glycine striata</u> Jacq. at the BM and comparing it with type material of <u>Galactia velutina</u> Benth. and <u>Galactia striata</u> var. <u>tomentosa</u> (Bertol.) Urb., I believe that those names are synonymous, with <u>Galactia striata</u> (Jacq.) Urb. as the oldest. Will you please attach for me the enclosed annotation label for the Stockholm sheet of <u>Fagerlind & Wibom</u> 3046, which was returned to you a couple of months ago. Dr. Verdcourt, at Kew, suggests that <u>G. tenuiflora var. villosa</u> (Wight. & Arn.) Benth. may be still another synonym:

I am sorry that I did not have a chance to meet you when I was in Sweden recently. When you have worked up your collections from the Galapagos Islands it will be interesting to see if you have species not yet reported from the area.

Best wishes in your work.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

VERudd/chl

UNIVERSITY OF GÖTEBORG Department of Plant Taxonomy Frölundagatan 22, Göteborg SV

Göteborg, Sweden, Nov. 4. 1968.

Dr. Velva E. Rudd Department of Botany Smithsonian Institution Washington D.C. 20560

Dear Dr. Rudd,

Thank you for your letter: I will attach the enclosed annotation label for the sheet of Fagerlind & Wibom 3046.

Unfortunately we did not meet when you were in Sweden recently. I was rather busy here in Gothenburg and had no possibility to visit Stockholm during the actual days.

I regret very much that almost all of my own collections from the Galápagos Islands are still unmounted. In other case I would have sent several families (including the Leguminose) to various workers on the Galápagos flora.

Concerning the Leguminose material I don't believe that my own collections include species not previously reported from the islands. I have a feeling that this group is now very well known on the islands. As you have noticed I made some mistakes when I first worked up the Leguminome material of Harling and Fagerlind & Wibom, and I am glad that these mistakes will now be corrected. I will be very interested to see your treatment of this group in the Galápagos flora.

Sincerely
Uno Eliasson/

Dr. Uno Eliasson
Dept. of Systematic Botany
Frölundagatan 22,
41319 Göteborg
Sweden.

Hunt Institute for Botanical Documentation

November 12, 1968

Dr. W. L. Ellison Erskine College Due West, South Carolina 29639

Dear Bill:

Saturday I noticed that the trees of Sophora japonica were in what appeared to be mature fruit so I snitched some material for you. I have no idea what must be done to induce germination. You might do some experimenting with scarification, removing pulp, etc.

On the 25th of this month I take off for California and then Mexico, to be gone until mid-January.

Best wishes to you for the holidays and the New Year. Come and see us again.

Sincerely,

Velva E. Rudd Curator Department of Botany

Enclosure

November 13, 1968

Dr. Daniel B. Ward Department of Botany University of Florida 312 Rolfs Hall Cainesville, Florida 32601

Dear Dan:

The little plant you sent recently matches material in our U. S. and West Indian folders of <u>Cassia</u> (<u>Chamaecrista</u>) rotundifolia Pers. There also is material in the W. I.,

Mexican, and South American folders that it does not match.

Hopefully, a <u>Cassia</u> expert such as Howard Irwin, at N.Y.,

will one day resolve the problem. In the meantime, I shall

put your specimen in the herbarium as <u>C. rotundifolia</u> Pers.,

vel aff. Our other Florida collections are from Kissimmee and Orlando.

Sincerely,

Velva E. Rudd Curator Department of Botany

P.S.

Please note, the spelling of my first name is as in Aqua Velva.

VERudd/chl







COLLEGE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATIONE AGRICULTURAL EXTENSION SERVICE SCHOOL OF PORESTHY

THE HERBARIUM DEPARTMENT OF BOTANY

November 13, 1968

Dr. Velva E. Rudd U. S. National Museum Department of Botany Smithsonian Institution Washington, D. C. 20560

Dear Dr. Rudd:

On October 31, we sent you a scrap of a legume with the request that you help us name it. Is it not Cassia rotundifolia Pers.?

Sincerely,

Dan

Daniel B. Ward Curator

DBW:jl



November 15, 1968

Dr. Velva E. Rudd Curator Department of Botany Smithsonian Institution U. S. National Museum Washington, D. C. 20560

Dear Velva:

Received the seed of Sophora japonica about 10 minutes ago, have removed the pulp from three of them, scarified them and placed them in a petri dish. Haven't germinated yet!? Thanks so much for thinking of me, obtaining the seed and sending them to me. It was exceedingly thoughtful of you.

Hope you have a most profitable trip to California and Mexico. I'm envious!

All is well here. Best wisces to you too forthe helidays and the New Year.

Cordially,

Wm. L. Ellison Professor of Biology Department of Biology



Whatesote: 1337 E. Huntington Dr., Dearte, Colif. Ph. (213) 358-3265 Mailing Address: Post Office Sox 382, Manrevia, California 91016

Dec. 26, 1968

Dear Miss Rudd:

This gentleman (Mr. Otto Martens) called to see you today. I happened to come in just as he was inquiring his way of the guard at the Constitution Ave. door, and the guard asked me to show him the way to your office, which I did.

He was sorry to miss you, and left this card for you.

But person who ans.

phone spirid you work

out of the country

# THE NEW YORK BOTANICAL GARDEN BRONX • NEW YORK 10458 212/933-9400

January 6, 1969

Dr. Velva E. Rudd Department of Botany U. S. National Museum Smithsonian Institution Washington, D. C. 20560



Dear Velva:

Enclosed is a rather poor specimen of a Phaseolus which one of our correspondents wishes to use as a cover crop in Guatemala. This specimen was sent to us from there. We have identified the species as aff. Phaseolus leucanthus or P. formosus.

Could you glance at the material and let me have your opinion. Howard left New York yesterday, as a consequence we need to consult you as authority.

Warmest regards and best wishes for the new year,

Sincerely,

Bassett Maguire Assistant Director

BM:mi

# The Fairchild Tropical Garden

MIAMI, FLORIDA 33156 January 7, 1969



Dr. Velva Rudd, Curator Dept. of Botany Smithsonian Institution Washington, D. C. 20560

Dear Mildred

Thank you for the congratulations that you sent me back at the end of October! I have held off writing this letter until I have something more to say regarding mimosoids for identification.

The change of location does mean that I have wrapped up the poison ivy studies and finished my degree. I am now working over the manuscript for submission to a publisher. One problem is that it is quite long.

I fully understand your dilemma in doing routine determinations, especially when they detract from your research and the other efforts in which your Institution is involved. In fact, I was rather surprised that you agreed to continue looking at material for me. This was most gracious and kind of you.

I have anticipated the instructions that you sent by trying to make collections both in flower and fruit before even thinking of sending them on to you. I also realize the need for knowing the origin of the plant. In this regard, we will often run into trouble. Our records were not always so carefully kept and thorough as they are now, and some of our older material has no source indicated or a doubtful one. In any event, I shall do what I can.

I have sent some of our Cassias off to Howard Irwin who has found them rather interesting. It turned out that I spent a day at the New York Botanical Garden while he was looking the specimens over. I shall send you some things sometime this month when labels have been typed and all that jazz has been taken care of. I have just returned from a collection trip in the Bahamas, but have very little of interest to you among the things I collected there. The only thing of any consequence was Calliandra haematomma, which you have seen before.

By all means plan on a conducted tour of the Fairchild Tropical Garden, only don't wait until 1970!!!

Cordially

Bill

William T. Gillis, Taxonomist

\* Our secretary is obviously Ta Confused; my previous letter WTG:gc was to Mildred mathews. !

Hunt Institute for Botanical Documentation



"BAILEY PALM GLADE, FAIRCHILD TROPICAL GARDEN, MIAMI, FLA."

With Christmas comes a sense of renewal...the chance to begin afresh... the sure knowledge that He comes again. Let us prepare the Way for Him.

This Christmas...mend a quarrel...seek out a forgotten friend...dismiss suspicion and replace it with trust...share some treasure...give a soft asser...encourage youth..ksep a promise...find time for someone else ...forego a gruage...forgive an enemy...listen to others...apologize if you were urong...try to understand...flout envy...examine your demands on others...think first of someone else...laugh a little more...deserve confidence...deary complacency...express gratitude...welcome a stranger ...gladden the heart of a child...take pleasure in the beauty and wonder of the earth...speak your love.

Then, only then, is it possible to grasp the significance of Christmas, the ray of light that fell athwart a darkened path and changed the world.

Bill Gillis

February 13, 1969

Dr. Bassett Maguire
The New York Botanical Garden
Bronx Park
New York, New York 10458

Dear Bassett:

That <u>Phaseolus</u> specimen you sent on January 6 arrived while I was away. I have now had a look at it and shown it to Dr. Gentry, who has a better knowledge of the genus, but we both give up. Dr. Gentry says it suggests <u>P. vulgaris</u> L. but it might be something else. The specimen was inadequate to begin with and the stamp-cancelling machine pulverized it. Perhaps your correspondent can send better material. If he has in mind using it as a cover crop it must be reasonably abundant.

Greetings to all.

Sincerely,

February 18, 1969

Mr. Otto Martens Deigaard Nurseries, Inc. Box 582 Monrovia, California 91016

Dear Otto:

I am sorry to have missed you when you were here on December 26. On that day I was in Arizona enroute back to California from Mexico! I also am sorry that I was not able to get to the Palm Society meetings last August. At that time I was getting ready to go to Europe, including my first trip to Norway. There, among other things, I checked up on the home territory of my branch of the Rudd (Maltrud) family, near Oslo and a little further north.

The next Palm Society meetings will be back in Florida, I suppose. With luck I'll see you then.

Best wishes to your family.

Sincerely,



Dr. Velva Rudd Dept. of Botany - Herbarium Smithsonian Institution Washington, D.C. 20560

**Hunt Institute for Botanical Documentation** 

) 22 Feb. 1969

Dear Velva,

I am shipping off 26 specimens of plants from fairchild and from Curacao. I have included fruits where possible. Most are named and simply need verification. The Cassias have already been annotated by Howard Irwin, and are sent as a bonus for your kindness in being willing to make determinations.

William T. Gillis Taxonomist

25 February 1969

Dear Velva,

A short note in which to eat crow.

The Lonchocarpus cf. latifolius which I sent is marked "Did not fruit in 1968-9." However, just after I sent the package to you, I discovered one branch that had produced fruits. Several are enclosed.

My, but crow is delicious!!

Dill Giller

hurles should be tel

March 11, 1969
Southern Illinois
University
Botany
CARBONDALE, ILLINOIS 62901

Dr. Velva E. Rudd Dept. of Botany Smithsonian Institution Washington, D.C. 20560

Dear Dr. Rudd:

Still progressing slowly with Dioclea. There is just too much.

Although the <u>Cymbosema</u> drawings are made, the specimens annotated etc., I've simply decided to let it go until after my thesis defense. As you pointed out, I'd better get my "union card".

No job yet although I'll know about one position in a week. If that falls through I'll start looking again.

Carl Bollwinkel indicated there was a position open at Geo. Washington Univ. in Washington. It has to do with organizing an undergraduate course for biology majors and teaching a specialty. Carl indicated Dr. Ira Hansen would be the one to contact.

I promised Carl I'd inquire on both our behalfs. Does the Smithsonian have some sort of association with George Washington University? Do taxonomists at Geo. Wash. U. use Smithsonian facilities for study and loans? Is there some sort of working agreement between the University and the Smithsonian? Do you think there would be any future in this type position? Any opinions you'd care to pass on would be appreciated.

I've forgotten which California school you were establishing a working agreement with and certainly hope it is one where there has been no student uprising. My best prospects seem to be in California, but the situation scares me somewhat.

There is a good possibility I'll head south in the spring and summer into Mexico and/or Central America on another collecting trip. SIU is interested in the research set up in Belize. One of our ecology professors is flying down there for three days during spring vacation to see what has developed since Tom Elias, I, and others under the leadership of Dr. Dwyer went down during the spring of 1967 to do the initial survey.

Al Skorepa, our lichenologist, and I are written in the SIU survey proposal, but rather than fly down for the tour we are planning to take one of our field vehicles and try to drive down. This would be to Merida, at the top of the Yucatan, and then we'dtry to find out whether the roads on the maps over or down to Belize are really there, and passable.

If we couldn't make it we'd collect in the area a few weeks and then come back. We might also cross the Isthmus of Tehaunapec to the Pan Am. Highway and go south into Central America. We could spend most of the summer down there but would want to start early to try and make Belize because of the rains.

Hunt Institute for Botanical Documentation

Somehow I have the impression you've been to Mérida during one of your trips to Mexico. There is some sort of airport there and I'm pretty sure a University. I recall a squib in the paper about the students carrying guns and shooting, or rather exchanging shots with private bus owners. Do you know of a reliable person down there who might help us? Would this possibly be the best place to leave a set of specimens?

The other place I thought of down there is the Loma Linda Biological Station in Chiapas. We went past there in the summer of 1965. Unfortunately I still have some specimens Dr. Lathrop sent me then. They were supposed to be legumes but they are a little of everything. Would you (US) take these for the determinations and to get me back into his good graces? If agreeable I'll send them all as a gift from Dr. Lathrop. They are good specimens from Chiapas and there are ca 33 left which are undetermined.

I am still working on the US loan material, and  $\underline{Irwin}$  et al we collected last winter in Brazil. I should finish this month. I didn't write another note to Dr. Nicholson for a renewal. Would you please indicate to him the material is safe and being studied in  $\underline{I}$ 

My teaching duties end this Tuesday and I can go back to full research next quarter. Most of my difficulty is around the naming of numerous syntypes. In time, the concepts have narrowed or broadened and the nightmare is mostly nomenclatural. I can't figure out ways to escape some radical name changes and still stay within the code.

There are about 50 "good" species and several of these are new, <u>ca</u> 6-8, with about that many new varieties. I've raised Bentham's 3 sections to subgenera; sections Pachylobium, Megacarpae, & Reflexae making up the subg. Pachylobium. These are the primative, high climbing lianas of the Amazon basin, some of which, have fleshy fruits. There are 21 spp. here, and some varieties which might be species if associations between fruits and flowers can be made.

Sections Platylobium and Macrocarpon make up the subg. Platylobium. These are the ones with flat fruits and oblong hila. They seem to have come from high climbing woody lianas and have spread into the cerrado and campo assuming shrub forms in the open, and decreasing in size, probably due to eclogical conditions as much as gene change. Ca 10 spp here.

Subgenus Dioclea has just that section with two series based primarily on the bracteole, calyx and keel petal upper margin configuration. There are about 15 spp. here. I've thrown out the US taxon into Galactia sl, and the SW Andean D. lasiophylla sensu Burkart, and the subg. holds up all right but is pretty close to Collaea.

I'm more or less ready for the last subg. About 150 pages are typed, with another 100 ready, and about 100 to go. Thirty photographs are done but the illustrations and maps will hold things up again. When it is finished, about all it will represent is a preliminary study, but, of course, I hope to go on with it.

When I come by to work with the main Smithsonian collections in the spring it will be finished and I'd appreciate any comments you might wish to make.

I'm not quite sure when the spring visit will be but shall certainly write ahead to make sure you will be there, and not traveling.

Time seems to get away and I apoligize for not writing sooner, as I appreciate your interest, and hope it will continue even after you've left the Smithsonian. I seem to be disregarding your advice to publish something and perhaps will regret it, but I'm determined to finish my thesis before June, as it has simply dragged on too long.

I hope winter in Washington hasn't been too bad and is about over, but that you've accomplished a great deal. Please say hello to Deiter and Bob for me and I'm looking forward to seeing you in the spring.

Sincerely, Dick Mountl

Richard H. Maxwell Preceptor

11 March 1969

Dr. William T. Gillis Fairchild Tropical Garden 10901 Old Cutler Road Miami, Florida 33156

Dear Bill:

The 26 legumes arrived safely and your shipping notice is herewith enclosed. I have asked that the specimens all be accessioned as a gift because we no longer are officially obligated to do routine identifications for the public. Although gifts are normally named specimens, some of us, at least, try to help our friends, especially since such help often is mutual.

I have one suggestion on wrapping packages: tie the bundles of plants smuly rather than just loosely laying them in a box. So long as there is room for jiggling in the package there will be some breakage and dehiscence. In general, your specimens are very good.

As to determinations, I will send you word from time to time as I work on the genera involved. Your 7576 is correct except that the spelling of the generic name is <u>Haematoxylum</u>. Linnaeus used the Latin rather than the Greek ending. Your 7000 apparently is OK. The three specimens of Catherine Robins, C, D, and F are "divi-divi", <u>Caesalpinia coriaria</u> (L.) Willd.

I am in the midst of finishing the tentative final rough draft of a revision of <u>Piscidia</u> so I can have manuscript in hand of that, and a few other things, when I go to Harvard and New York next month.

Best wishes and season's greetings.

Sincerely.

13 March 1969

Mr. Richard H. Maxwell Department of Botany Southern Illinois University Carbondale, Illinois 62901

Dear Dick:

It was good to hear from you. I figured that you were bogged down with thesis., which at this point should have priority.

Cymbosema can come later.

I passed your postscript along to Bob. He, too, is job hunting.

As to Geo. Wash. Univ., if you apply there (to Dr. Hansen) do not mention that you are interested in taxonomy. That would be the kiss of death. Say you are interested in morphology, or anatomy, and all would be well. Pepple at G. W. may use the facilities here at the Smithsonian but it is not an automatic arrangement.

As yet I have made no plans for a tie-in at any California institution. My house there is closest to the San Fernando Valley State College, at Northridge. My earliest possible departure from here could not be until the fall of 1970. At which Calif. place did you apply?

As to driving in Yucatan, I would feel safer there than in the U.S. Do not send me any lathrop specimens. I still have about 150 of his yet to do. We are no longer suppoded to be spending our time identifying specimens for the public - - only if the material is of particular interest in connection with our research.

It will be good to see you, whenever you come. I tentatively plan to be away from April 21 through May 2 or 3. I had a pleasant trip in northwestern Mexico in December. I especially enjoyed the Sonoran desert. We drove from California as far south as Nayarit, then north to Tucson and west through Yuma and southern Calif.

As a diversion I have about finished a revision of the genus Piscidia, along with various odds and ends.

Best of luck to you.

Sincerely,

Velva E. Rudd Curator, Dept. of Botany

Freehmon with

#### DEPARTMENT OF BOTANY · POMONA COLLEGE

CLAREMONT, CALIFORNIA

CLASSROOMS AND LABORATORIES
CROOKSHANK HALL
100 BLOCK, WEST SIXTH STREET
TELEPHONE, NATIONAL 6-8511
EXTENSION 2993

LYMAN BENSON PHILIP C. BAKER EDWIN A. PHILLIPS

MRS. PATRICIA ANN WILDER

HERBARIUM BOTANIST

HERBARIUM OF POMONA COLLEGE RANCHO SANTA ANA BOTANIC GARDEN BUILDING 1500 NORTH COLLEGE AVENUE TELEPHONE. NATIONAL 6-3922

ALL MAIL, EXPRESS, AND FREIGHT SHOULD BE ADDRESSED TO THE DEPARTMENT OF BOTANY, POMONA COLLEGE, CLAREMONT, CALIFORNIA 81711

March 13, 1969

Dr. Velva Rudd United States National Herbariums Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Velva:

On my last trip to the National Herbarium I seem to have overlooked recording the number of one specimen sheet. This is a collection which I wish to designate as a lectotype for Opuntia austrina Small. The type is stated to have been a collection by Small and Nash, No. 198 in the herbarium of the New York Botanical Garden. However, I did not find the specimen at New York; I found only a sheet with the label, and the following notation: "Drawing out for use in monograph. May, 1916.) For this reason I thought it best to designate the following specimen as a lectotype: "Miami, J. K. Small and and J. J. Carter, Oct. 28-Nov. 28, 1903." I have recorded this specimen as being in the United States National Herbarium, but I did not record the number of the sheet. I should appreciate it if you could give me this number. I am combining Opuntia austrina as published by Small in varietal status under Opuntia compressa (Salisb.) MacBr. Since the paper with this new combination will appear in The Cactus and Succulent Journal, May-June number, I am anxious to insert the specimen number before the material is set up in print. I surely appreciate this help.

With best wishes.

Sincerely yours,

Lyman Benson

Professor and Head.

Department of Botany

USNH No. 1739032

In pinelands, Miami, Florda

P.C. 18 mar. 1969

# The Fairchild Tropical Garden

10901 OLD CUTLER ROAD MIAMI, FLORIDA 33156



16 March 1969

Dr. Velva Rudd, Curator Dept. of Botany U.S. National Museum Smithsonian Institution Washington, D.C. 20560

Dear Velva,

The same day your letter arrived Dick Cowan stopped by, and eventually came over for dinner, so the Smithsonian has been frequently thought-of this week at Fairchild!

Thank you much for your various favors. I appreciate the verifications and corrections you have included in your letter. When you are able to work with the rest, fine. I would only hope that such help could be mutual, but feel very frustrated that I am not able to do very much to assist you in any way...rather, I just seem to bug you with requests for determinations. Oh, well, I'm sure this is earning for you at least being taken to lunch the next time I'm in Washington (which may be in late April or May). We have a Piscidia (since you mentioned working on it) in the Garden right now, but at the moment it's not doing anything. Ours is supposed to be P. piscipula.

Your suggestion on wrapping specimens is well taken. I usually put specimens in folders, tie then with stiff corrugations on each side, and then wrap the whole thing in newspapers with tape. Wonder how I neglected that on what I sent you. Sorry.

Thanks again for your continuing help. I wish I could help you. My work is going to take me to the Bahamas on increasing numbers of visits. If I can do anything there, please shout.

Cordially,

William T. Gillis Taxonomist

March 20, 1969

Dr. R. K. Vickery Department of Botany University of Utah Salt Lake City, Utah 84112

Dear Bob:

After you left I recalled Sprague's paper on Humboldt and Bonpland's Mexican itinerary (Kew Bull. 1924: 20-27. 1924). He gives "Moran (Real de Moran), 7986 ft." as "Between Mexico City and Actopan (State of Hidalgo), May-June 1803." The word real usually indicates a mine.

It was nice to see you.

Sincerely,

#### DEPARTMENT OF BOTANY · POMONA COLLEGE

CLAREMONT, CALIFORNIA

CLASSROOMS AND LABORATORIES
CROOKSHANK HALL
100 BLOCK, WEST SIXTH STREET
TELEPHONE, NATIONAL 6-0511

LYMAN BENSON PHILIP C. BAKER EDWIN A. PHILLIPS

MRS. PATRICIA ANN WILDER
HERBARIUM BOTANIST

HERBARIUM OF POMONA COLLEGE
HANCHO BAHTA ANA BOTANIC
GARDEN BUILDING
1500 NORTH COLLEGE AVENUE
TELEPHONE. NATIONAL 6.3922

ALL MAIL, EXPRESS, AND FREIGHT SHOULD BE ADDRESSED TO THE DEPARTMENT OF BOTANY, POMONA COLLEGE, CLAREMONT, CALIFORNIA 91711

March 22, 1969

Dr. Velva E. Rudd, Curator Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Velva:

Thank you ever so much for securing the number of the specimen collected by Small and Carter. I appreciate having this information, and I am inserting it into the galley proofs for the paper which is to go to press publishing new names and combinations in <u>The Cacti of the United States and Canada</u> insofar as I have not already done this.

My congratulations on being Curator of the Department of Botany. I am greatly pleased at this. I had wondered who had been appointed to this position, and I am happy to hear the news.

The manuscript for The Cacti of the United States and Canada probably will be completed this summer. I am trying now to put the final polish on it and to run down hard-to-get references, as well as to bring material for citations of specimens into shape. That is about all that remains to be done. aside from bringing together in an organized form an enormous amount of illustrative material, and making up the distributional maps. I think the illustrative part will come after the completion of the manuscript; however, I have about everything in hand for this. Two smaller books are in press now. One is the third edition of The Cacti of Arizona, completely rewritten; another is a similar book to be published by the Stanford University Press and to be entitled The Native Cacti of California. Both of these books have been set up in type. The Arizona one is getting near to the page proof stage. I am publishing new combinations for the cacti of other areas in a paper for which I now have the galley proofs to be published in The Cactus and Succulent Journal in May. I am designating quite a few lectotypes and neotypes from specimens in the National Herbarium, and this paper will make them easy to identify and to get into the type collection.

As probably you know, I have also here quite a bit of material from the David Griffiths collection which is to be returned to the National Herbarium. Some of this is material for which I have secured data for labels beyond the data I had available when I returned a good many specimens some time ago. You will remember that the arrangement made originally with Al Smith was for me to retain the second set of specimens for Pomona College and, of course, to return

the first to the United States National Herbarium. When I returned the other specimens I did not send back, of course, those for which data were not available, and there are many, many specimens for which I have none, being only the numbers which were on the margins of the sheets in which the plants had been pressed. Griffiths' field books have never come to light, although some record books were uncovered at the National Herbarium and sent to me. These have helped but they do not include full data. In addition to this, I have not returned the Mexican material because I have not yet worked on it, and I hope that I may be able to do at least something toward its identification later on. In the third place, I have retained, until completion of the manuscript on The Cacti of the United States and Canada, both the type specimens which will be returned to the National Herbarium and the isotypes to be retained here. Of course, in all categories, any duplicates beyond the second set will be returned to you also. There are not very many of these. Acastus splits well build gradues only two pleases.

In the forthcoming books, according to arrangements made earlier with Al Smith and Jason Swallen, I am using the illustrations (photographs and paintings) by Griffiths and his coworkers for illustration of the cactus books. Although these relate only to Opuntia, they are exceedingly helpful. I am, of course, giving credit to the National Herbarium for these.

The question about annotating the cacti in the National Herbarium brings up a point which has worried me. I want very much to place identification labels on as many cacti as possible. Unfortunately, most of these have been examined on rapid fire trips, and I have not been able to label the specimens, as I would if the specimens were sent here. With most of the cacti, shipment is not very practical because of the great bulk involved. At one time Stan Shettler suggested that some scheme might be worked whereby I would come to the National Herbarium for perhaps a two or three week period during the summer to sort out the specimens into folders according to identification, and then the annotation labels could be added to them on the basis of the identifications on the folders. Within the limited period of time available, this might make a good means of getting the material into shape. This plan fell through, I think partly because Bill Stern misunderstood my intention and seemed to think that it had something to do with the notion of being appointed Curator of Cacti or something on that order at the National Herbarium. This was not an idea that had occurred to me or that had occurred, I think, to Stan Shettler. At this time Yale Dawson was appointed Curator of Cacti, as well as Algae, and I suspect it was thought that he should be the one to annotate the specimens. At any rate, the plan fell through. I hope that somehow I can manage in the next year or two to be there long enough to bring things into order, because, of course, at this stage I can do it very easily, whereas it would be a lifetime work for someone else. I may be able to expede a research grant here for the purpose, as il have for another tail and part of the project with you took sending the number.

With best wishes.

(our)

Sincerely yours,

Lyman Benson Professor and Head, Department of Botany J. guffith

Tueson, any Syp. Str., mise . II 1900-1901

G. + Carter - 1897

G. + Large - 1900 - SD, Mont.

g. + movies 1901 - me. 1-294

g. - 1902-1903 mg. 33.00-5054

g. - 1903-1904 mg. 33.00-5054

or regard which our version me, I want very much to place theretification tables as many execute as mostiles. Understanding, much of thems have been considered the stripe, and being able to ideal to considered, and being able to ideal to considered the state of the marks of the marks of the state of the

CHARLES SAME SAME

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### THE UNIVERSITY OF UTAH

SALT LAKE CITY 84112

DEPARTMENT OF BIOLOGICAL SCIENCES

March 25, 1969

Dr. Velva E. Rudd Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Velva:

Thanks a lot for that information on Humbolt & Bonpland's itinerary. It must mean they got the n = 31 form of Mimulus glabratus. - 10 that would be typicary

Best regards.

Her, I enjoyed Sincerely, Bot Robert K. Vickery, Jr.

Professor of Biological Sciences

RKV:mc

Dr. Lyman Benson
Department of Botany
Pomona College
Claremont, California 91711

Dear Lyman:

Thanks for your congratulations, but they are not exactly in order. I am a curator, which is comparable to being a full professor, but I am not chairman of the department. That job has fallen to Mason Hale. Dan Nicolson is supervisor of the Division of Phanerogams. Mostly, now, I am free to work on legumes although, theoretically, I curate the collections from Mexico, Central America, and the West Indies. Actually, the curators no longer curate, except that a few of us old timers are so misguided as to choose to file the specimens in our favorite families. In my case, that is quite a stack.

As to the cacti, you would be most welcome to come and work on them. Yale Dawson, almost as soon as he came here, had expressed interest in working on cacti, as well as algae, and indicated that he might do some rearranging of the collections. I think Bill Stern was afraid that there might be some differences in your and Yale's classifications, and so best have only one, that of the cactologist in residence. The present system of Britton and Rose is chaotic because there is no good provision for expansion, i.e., addition of new taxa. At my suggestion, and hers, Darelyn Weber, who was an herbarium aide for about a year and a half, rearranged Opuntia into the scheme used in the rest of the herbarium, i.e., breakdown into geographical areas and then alphabetically by species. With most of our filing now done by unskilled assistants, that has seemed to be the best idea. (I do not like the total alphabetical arrangement of families, genera, etc. that seems to be the current fashion, however.)

I think it would be great if you could get a research grant to come here for a while. Right now no one else is overly interested in the cacti. I probably am more than anyone else, but only have amateur standing. (I do belong to the Cactus and Succulent Society and wish I could attend the annual meeting. The program sounded interesting.) From time to time there is talk of putting some of our material in storage, and the cacti always head the list for limbo:

Let me know your plans. I shall be glad to serve as your liaison.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

# DEPARTMENT OF BOTANY POMONA COLLEGE CLAREMONT, CALIFORNIA

CLASSROOMS AND LABORATORIES CHOOKSHANK HALL 100 BLOCK, WEST SIXTH STREET TELEPHONE, NATIONAL 8-8511 EXTENSION 2893

LYMAN BENSON PHILIP C. BAKER EDWIN A. PHILLIPS H
MRS. PATRICIA ANN WILDER
HERBARIUM BOTANIST

HERBARIUM OF POMONA COLLEGE
RANCHO SANTA ANA BOTANIC
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ALL MAIL, EXPRESS, AND FREIGHT SHOULD BE ADDRESSED TO THE DEPARTMENT OF BOTANY, POMONA COLLEGE, CLAREMONT, CALIFORNIA \$1711

April 2, 1969

Dr. Velva E. Rudd, Curator Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Velva:

Thank you for your letter of March 27, 1969. I am sorry I made the mistake in titles. I am glad that you do have freedom to work on the Leguminosae.

My thoughts concerning the cactus collection are based, not so much on arrangement according to any one particular system of classification of the group as a whole or the species within a genus, as upon reidentification of the specimens. As you know, when a specialist goes into a group in any herbarium of considerable size he finds that the identifications for the most part are not the ones which he would apply. What I really have in mind is annotation of the specimens. As in every large herbarium, many are wrongly identified and a host of other specimens is identified helterskelter under various synonyms. This is true of the cactus collection at the National Herbarium. My thought is that, having just worked on the Cactaceae of the United States and Canada, I should supply the identification for the specimens, regardless of the order in which the folders are to be arranged. In the limited time available, identifications can be supplied more readily by rearrangement of the specimens in the folders according to proper identification. Hopefully, I might have time to write identification labels also, but this would require a very long time in Washington and both time and money become problems. I'll try for next year to see if I can get a research grant for the purpose. We have had some money available in the College, and I have some now for running down literature of the hard-to-get variety. I am wondering, incidentally, if in Washington the best source may be the Library of Congress. As I remember it, you do not keep great numbers of books on file at the National Herbarium, and I am wondering what you use as a source for consultation of the literature. There are so many institutions in Washington that I have never gotten this all straightened out. Our library is good and most of what I need is here, but there are some things which I am having to chase down elsewhere.

I hope that the cacti will never be put into storage. Of course this goes for any other group of plants. This would reduce greatly the usefulness of the National Herbarium.

The dated Griffiths notebooks from 1897 to 1904 probably would include some data necessary for cactus specimens. There is a little book from this period at the University of Arizona—a book or two which I came across when I first went there in 1938 and of which Kittle Parker reminded me later when I was in Washington. However, most of the cacti were collected from 1905 on, and for this period there are really no field books. I have some record books which Jason Swallen sent out which have been of some use, but they are not complete and their arrangement is beyond my understanding. Apparently these are some kind of a garden record. I have managed to get data for specimens from various sources, including especially from garden records from the Plant Introduction Garden at Chico, California, where a great many of Griffiths' cacti were grown. I keep hoping that somewhere we will find a standard type of field book, but so far this has not shown up. I should appreciate anything you can find. Thanks a lot for your help.

With best wishes,

Sincerely yours,

Lyman Benson

Professor and Head, Department of Botany Dr. William T. Gillis Fairchild Tropical Garden 10901 Old Cutler Road Miami, Florida 33156

Dear Bill:

According to Mario Sousa, who is working on Lonchocarpus for his Ph.D. at Harvard, your 7035 is L. cruentus Lundell instead of L. latifolius. I overlooked showing him your 6987 and 7586 but they seem to match other material of L. punctatus H.B.K. I will try to get your collections mounted in time to go out with his

I have checked the Acacia specimens. Avery 449 appears to be OK as A. choriophylla. So far we have none of it from the U.S. Catherine Robins "E" is Acacia tortuosa (L.) Willd. Your 7581 is probably not A. eburnea, although we do not have any completely trustworthy specimens of that species. It looks much more like something of American origin, probably A. macracantha accordant. Humb. & Bonpl. ex Willd. It matches pretty well some material from Peru identified as A. huarango Ruiz ex Macbride, especially one of Paul Hutchison's collections.

By now Bob Read may have passed along the word that I shall be glad to see you, if you come to Washington on May 5, or later. I am scheduled to be at Harvard during the week of April 21 and in New York the following week. I'll be looking forward to that promised luncheon.

Sincerely.

April 10, 1969

Dr. Robert L. Wilbur Department of Botany Duke University Durham, North Carolina 27706

Dear Bob:

Centaurium. I was baffled when I tried to identify my recent collection. Bob Martin's unpublished taxa are no help at all. Your loan is ready for processing and shipment but it got to the wrapping room just after Wally Ernst left umpteen loans of his to be returned, and our package wrapper has been absent for more than a week!

Your patience is appreciated.
Best wishes.

Sincerely.

Dr. William T. Gillis Fairchild Tropical Garden 10901 Old Cutler Road Miami, Florida 33156

Dear Bill:

I have checked over the rest of your specimens, with the following results or comments:

Gillis

6976 Bauhinia blakean Dunn (We seem to have no material of that species)

6997 Schotia brachypetala Sond. (O.K. as det.)

7504 (7502 on newspaper). Caesalpinia vesicaria L.

7536 Calliandra confusa Sprague & Riley 7563 Sesbania punicea (Cav.) Benth.

(D. tripetiana Poit. is a synonym)

7582 Calliandra haematocephala Hassk. (probably OK; see Cowan in Baileya vol. 11. 1963)

7585 Calliandra emarginata Benth. (apparently CK as det.)

450 Caesalpinia mexicana A. Gray, sens. lat. (fls. small, more like Poincianella nelsonii Britt. & Rose but not in combination as Caesalpinia; may or may not be good species; one of Billie Turner's students is working on the group)

450A Caesalpinia paucijuga Benth. (CK as det.)

Regards,

19 April 1969

Dr. Lyman Benson
Department of Botany
Pomona College
Claremont, California 91711

Dear Lyman:

I showed your last letter to Dan Micolson and he is most enthusiastic about your coming to work on our cacti.

As to material going to storage, a study was made and the brass was showked to discover that the cost of moving, etc. would be considerable, so, that great idea has subsided. (One of the bright young men in the "secretariat" is supposed to have expressed the opinion that once a paper is written the specimens should no longer be needed! That, presumably, was the beginning of the storage proposal.)

Literatur wise the Washington area is fairly fortunate in having the Library of Congress and the Agriculture Library. There are a few things for which one must go to Cambridge, New York, or Philadelphia. I have been working on Leguminosae for the Index Genericorum and am pleasantly surprised at how many references I have been able to check right here.

I took a look at the Griffith notebooks but did not find anything very exciting. Here is one entry you might already have: 2209 (12/8/1900). Echinocactus myriostipma #73 Front Gard. This is in bloom and is producing a triangular cluster of 3 blossoms. I have plucked one and will leave the others to mature seed. The flowers last about a day. The flower I picked is not quite perfect on one side.

Now I must get busy and pack my briefcase for a trip to Harvard next week and New York the week after. I am sorry that I will miss Sherwin's visit.

Regards.

Sincerely,

# The Fairchild Tropical Garden

10901 OLD CUTLER ROAD MIAMI, FLORIDA 33156



May 5, 1969

Dr. Velva Rudd Herbarium -Natural History Museum Smithsonian Institution Washington, D. C. 20560

Dear Velva:

I had delayed in responding to your two recent letters on the vain hope that our paths would cross last week. Although I knew you would be in New York, there was the possibility that a late change in plans might bring you back to Washington sooner than planned, and I might take you to lunch as I have promised.

Be assured that I did not schedule my trip just so you wouldn't be there! Perish the thought! I shall hope for another opportunity in the next few months, or at the Congress, if not before.

I very much appreciate your prompt determinations of the plants which I sent. I was pleased to know about the Lonchocarpus man at Harvard, for I could take some specimens with me when I stopped there last week. He also solved a Millettia problem for us at the same time. We have now changed our records in accord with your determinations, and are grateful for your help in correcting long-time errors in our labels of plants on the grounds.

Cordially,

Bill

William T. Gillis

WTG:gc

#### Dr. EIZI MATUDA (INSTITUTO DE BIOLOGIA U.N.A.M.) MEXICO 20, D. F.

Dr. Velva E.Rudd

May 8 /69 196

Leguminosae of México - Paboideae -I

Very fine work! Hoping your continued success. also hoping to see you at Seatle

With thanks, I beg to acknowledge you on receipt the item above cited. Your courtesy are deeply appreciated. Hoping your continued success.

With best wishes, Yours truly (

John for gran Jan

15 May 1969

AIR MAIL

Dr. Grady Webster Department of Botany University of California Davis, California 95616

Dear Grady:

We need some advice on how to handle the segregate genera (or subgenera) of Suphorbia in our herbarium. At the moment we have a system unlike anything else in the herbarium which interferes with routine work by supportive staff. We should either recognize the subgenera as genera (with cross-references for the appropriate species under Suphorbia) or we should handle them as Dalla Torre & Harma did (the cornerstone of our filing system).

At the moment we have assigned letters to the following genera/ subgenera: Agaloma, Aklema, Alectoroctonum, Arthrothammus, Chamaesyce, Cytharospermum, Dichrophyllum, Dichilium, Eumecanthus, Poinsettia, Tithymalopsis, Tithymalus, Tricherostigma, and Zygophyllidium.

What is your opinion on these taxa? Should they be recognized as genera or subgenera? Come to think of it, what we need are facts, not opinions but...facts can be so confusing and opinions can be so decisive.

As ever.

Dan H. Nicolson Associate Curator Department of Botany

ce: Dr. V. E. Rudd

DHN:md

Calle 54, 44-105, Ofic. 201 Barranquilla, Colo-bia. 19 May 1969

Dr. Velva E. Rudd, Gurator - Depto. of Botany Smithsonian Institution, washington, D.C. 20560 U.S.A.

Dear Dr. Rudd:

Thank you for your letter of april 8. I have not run out of puzzles but I enjoy certainly the "new comers" such as Huertia or Huertaea of Putis.

Padre Uribe to whom I wrote about your inquiry tells me that he believes that Mutis had a Swartzia in hands. He sent me a copy of the Mutis description in the "Diario", and after reading it I agree with him. It is most probably S. trienae Benth. of which there are four colored plaxtes in the "iconografía" of Mutis at Madrid.

Dr. Gowan identified photographs of these plates for  $\pi e$  three years ago.

I am leaving day after tomorrow for Rochester, Minnesota where I have an appointment at the Mayo Clinic. Sarita will accompany me and she intends to be my "chief assistant nurse". I hope to be able to visit Washington again for a few days after I am out of the hospital.

Speaking the Index Genericorum are you aware that there are two Mutis? One is the famous José Celestino, and the other is his nephew Sinforoso Mutis. The latter described a few genera in Caldas' Sermanrio de la Mueva Granada. For example, Amaria S. Mutis, with the species A. peticlata S. Mutis ex Caldas (1810) This has been cited many times as Amaria Mutis. The old uncle died in 1808!

Best wishes,

A. Dugand

Dr. Reid Moran Natural History Museum Balboe Park P. O. Box 1390 San Diego, California 92112

Dear Reid:

A batch of your specimens have just emerged from the limbo of the mounting room, including your second Baja collection of <u>Pickeringia</u>. Unfortunately, I did not see it in time to get it into my manuscript on Mexican Sophoreae and Podalyrieae. As you will see by the reprint I am sending under separate cover, your first collection was cited.

Just now I am working on <u>Piscidia</u>. I don't suppose your herbarium has much of that except, perhaps, <u>P. mollis</u>. I am not sure when I will next get to San Diego. I am skipping the Seattle meetings and, instead, am going to the Tropical Biology symposium in Fuerto Rico next month and the Mexican Congreso in Monterrey in September. I had hoped to get down into Baja last December but the people with the necessary vehicles backed out. Instead, a couple of friends and I drove from L.A. down through Sonora and Sinaloa as far as Nayarit, which I enjoyed, since I had never been in the Sonoran desert before.

When are you coming to Washington to "do" our Crassulaceae? Season's greetings.

Sincerely.

#### AIR MAIL

Dr. José de Js. Jiménez Calle Máximo Gómez 3<sup>14</sup> Santiago de Los Caballeros DOMINICAN REPUBLIC

Dear José:

Greetings! How are you? I am not sure that I ever got around to wishing you a Happy New Year. I was in Mexico and California during the holidays and did not get back to Washington until mid-January.

I suppose you and Bro. Alain will soon have the flora of Hispaniola all taken care of. I looked at his legume collections at New York, hoping to find some collections of Sophora and, perhaps, Piscidia, but no such luck. The latter genus is not yet known from the Dominican Republic but there are two species in Haiti, including one I am about to describe as new. It seems that there should be one or two trees on your side of the line.

Dr. Howard Irwin was here recently and annotated your 2221 as <u>Cassia biflora</u> L.

Best wishes to you and your wife.

Sincerely,

DEAR VELVA:

Thanks a Lot for your so kind letter. It has been an eternity without hearing from you. You don't imagine how happy I am with your letter.

ALAIN HAS MADE WONDERS! NEW RECORDS, NEW SPECIES, EERY MANY RARITIES COLLECTED ONLY ONCE BEFORE! IT HAS BEEN GORGEOUS TO HAVE HIM HERE.

E SHOWED YOUR LETTER TO HIM. ABOUT PISCIDIA WE HAVE NOT BEE N LUCKY TO COLLECT SPP. OF THIS GENUS. VERY GLA DTO KNOW YOU ARE ABOUT TO BESCRIBE A NEW SP.

Thanks also for Irwin's identification of <u>Cassia Biflora</u>.

How is everybody in the Phanerogam Division? Will you all

attend Seattle Congress next August? I hope to see you all the
re.

WITH MY WIFE RECOMMENDATIONS TO GIVE YOU HER BEST REGARDS WITH MY BEST WISHES TO YOU AND YOURS AND TO THE STAFF I REMAIN AS ALWAYS YOURS VERY SINCERELY

June 12, 1969

AIR MAIL

Dr. F. Ebel
Dr. T. Sornburg
Institut für Systematische Botanik
und Pflanzengeographie der Martin-Luther-Universität (HAL)
Neuwerk 21
Halle (Saale), Germany

Dear Drs. Ebel and Sornburg:

I am writing to you regarding the legume specimen you collected in your greenhouse and sent to me for identification, I presume.

Dr. Velva Rudd of our Department of Botany has monographed the genus concerned and she has identified it as <u>Aeschynomene rudis</u> Benth., although it has ahnormally glabrous parts, presumably as a result of hot-house culture. She could confirm the identification if you could send her a fruiting specimen. Should you wish to do that, please write to her directly.

With very best regards.

Sincerely yours.

18 R S. Cowan

Richard S. Cowan &

National Museum of Natural History

bcc: Dr. Rudd/

June 13, 1969

### AER MAIL

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Apartado Postal 70-233 Mexico 20, D.F., MEXICO

Dear Dr. Matuda:

The specimen you sent, your no. 37623, looks like Brongniartia hirsuta Rydb. I have not seen the type of that species but we have one specimen that appears to have been annotated as that by Dr. Rydberg. MEXU probably has a duplicate of that specimen, Altamirano 1645, originally identified as B. sericea Schl.

I am sorry that I will not see you in Seattle. I do not plan to go there but, instead, will go to the Congreso in Monterrey. Perhaps I shall see you there?

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd, chl

Mexico (MEXU)
Dr. Eizi Matuda Instituto de Biología

UNIVERSIDAD NACIONAL AUTÓNOMA DE México -

Dr. Velva E.Rudd. Smithsonian Institution Washington D.C.

Dear Dr. Rudd.

By separate I am sending you two sheets of the same specimen, supposed Brohgniartia, for the Herbarium, for which It would be most appreciated if you could let me know your identification, whenever at your convenience. It was to me new one in the estate of Mexico, southern parto of the State), was found in the way of research of Beschorneria, just flowering very fresh and nice state.

> Thank you your kind attention, Hoping your continued success.

I beg to remain Yours most sincerely

Eizi Matuda





Dr. Velva S. Ruda,

Department of Botany
United States National Museum,
Smithsonian Institution.

Washington, D. C. 20560

June 17, 1969

Dear Velva:

Thank you for your letter of the 12th, the 2-page typescript, and the \$10 deposit check.

I think John and Lyman are preparing papers to send me this summer; if so, and if you are willing, I think I'll wait and include your paper in the issue with theirs. It is always cheaper to have a larger issue. However, Boivin also says he will have another installment on his Canadian flora this summer and Barkley says a big paper is "in preparation". If either of these arrive before John & Lyman's contributions I will have to get out an issue anynow and will include yours in it. O.K.??

Harld

HAROLD N. MOLDENKE 303 PARKSIDE ROAD PLAINFIELD, NEW JEDSEN DES/VM

2nd July, 1969.

The Director, U.S. National Museum, Smithsonian Institute, Washington DC, U.S.A.

Dear Sir,

By separate mail I have sent you two specimens believed to be <u>Prosopis</u>. The plants have become established and weedy in the general vicinity of Broken Hill, N.S.W.

I would be most grateful if you could let me have your opinion of their specific name.

The specimens are for your retention.

Yours faithfully,

DAVID SYMON.

Pryvliflora (50.) DC.

Have I call from Quendant in 1957

I for Trangie Experiment Form, NSW, coll. 1949

July 10, 1969

#### AIR MAIL

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Apartado Postal 70-233 Mexico 20, D.F., MEXICO

Dear Dr. Matuda:

The <u>Cassia</u> you sent recently, <u>MacDougall</u> <u>s</u>. <u>n</u>., is <u>C</u>. skinneri Benth.

I will not be going to the Seattle meetings but hope to see you in Monterrey.

Sincerely,

AIR MAIL

Mr. David E. Symon Waite Agricultural Institute Glen Osmond SOUTH AUSTRALIA 5064

Dear Mr. Symon:

The two specimens you sent on 2 July are Prosopis, indeed. They look to me like  $\underline{P}_*$  <u>juliflora</u> (Sw.) DC., sens. lat, but I am not an expert on this genus whose taxonomy is badly confused. Next month, however, Dr. Arturo Burkart will visit us and I will try to get an opinion from him. As you know, he has done a considerable amount of work on <u>Prosopis</u>.

We have in our herbarium two previous collections of <u>Prosopis</u> from Australia, one from Trangie Experiment Farm, N.S.W., collected in 1949, and the other from Queensland, 1957. They may or may not be the same as yours, although they are similar. I am waiting to see what Dr. Burkart now does about <u>P. limensis</u> Benth. and P. pallida (Humb. & Bonpl. ex Willd.) H.B.K.

Yours sincerely,

Dear Velva:

Your card received. I am expecting PHYTOLOGIA, vol. 18, no. 6, with your paper in it, any day now. I mailed it to the printer on July 1, but thanks to our wonderfully efficient (?) meil service, for which we pay more and more and get poorer and poorer service, he did not get it until July 17 14th (14 days from here to Ann arbor - fantastic - maybe we should go back to pony express!). So, 4 weeks from the 14th ought to make it any day Yes, even though I dislocated my back again -collecting plants in the pine barrens of N.J. -- I hope to be able to go to Seattle with my wife, and meet my son and his wife there, but want to tour the Olympic Peningula more than I want to attend any congress meetings! I'll expect your 20-page paper when I get back. If anyone else at USNH can have their there at same time I'll try to get out snother assue at once, before my college starts on Sept. 8. After that I'll be plenty busy!! All best wishes, Harold

August 25, 1969

#### AIR MAIL

Mr. David E. Symon Weite Agricultural Institute Glen Osmond SOUTH AUSTRALIA 5064

Dear Mr. Symon:

Dr. Burkart was here last week and confirmed my identification of your <u>Prosopis</u> specimens, as you can see by the enclosed note.

Sincerely yours,

Velva E. Rudd Curator Department of Botany

Enclosure

VERudd/chl

## Southern Illinois University

CARBONDALE, ILLINOIS 62901 September 5, 1969

Department of Botany

Dr. Velva Rudd Department of Botany The Smithsonian Institution Washington, D.C.

Dear Dr. Rudd:

I would like to inform you that Richard Maxwell received the doctorate on August 30. I greatly appreciate the time and help which you freely gave to Dick. Without your expert advice, his dissertation would not have been as good as it is.

I sincerely hope that your research is going well.

Sincerely,

Bol Wohlenbrock
Robert H. Mohlenbrock

Chairman

RHM:bg



## MISSOURI BOTANICAL GARDEN

SHAW'S GARDEN

September 8, 1969

Dr. Velva E. Rudd Curator, Department of Botany Smithsonian Institution U.S. National Museum Washington, D.C. 20560

Dear Dr. Rudd:

After returning from Seattle last week, I assumed editorship of the ANNALS. Your notes on Dwyer's Hedysareae treatment were here when I returned, and I thank you very much for them. I am trying to get the whole manuscript into shape, but I am not sure just how much of it you have seen, how much you presently have with you and how much you agreed to review. Your letter indicates that you have the Sophoreae. Could you fill me in on these things, so I won't send some things to you a second time.

Sincerely,

M.R. (Roght Marshall R. Crosby Editor, Annals of the Missouri Botanical Garden

MRC:mcm

September 22, 1969

Dr. Marshall R. Crosby Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis, Missouri 63110

Dear Dr. Crosby:

Your letter of September 8 was awaiting me when I returned to the office after being away for two weeks. Asto the Dwyer typescript, I have gone over the Sophoreae and the Hedysareae (exclusive of <u>Desmodium</u>). When the <u>Desmodium</u> treatment arrives from Dr. Schubert there is no need to send it to me. I have looked at the rough draft at Harvard and have nothing to add. I should just as soon have you send me all of the remaining tribes and I will work at them little by little. I am now beginning work on the faboid legumes for the Flora of Ceylon and expect to be involved in pretty much the same genera as are in Panama, and, perhaps, many of the same species.

Best of luck with your new job.

Sincerely,

Velva E. Rudd Curator Department of Botany

VERudd/chl

Dr. Robert H. Mohlenbrock Depertment of Botany Southern Illinois University Carbondale, Illinois 62901

Dear Bob:

Many thanks for your kind letter of September 5 which was awaiting me when I returned from the Mexican Botanical Congress and a short vacation in California.

Actually, I did not do much more for Dick Maxwell than to give him encouragement and moral support. I was glad to hear of his appointment at St. Louis for this year. That should give him some good additional experience.

Bob DeFilipps seems to be doing all right, too, which must please you very much.

My research is struggling along. In order to work my way around the world I have taken on the faboid legumes for Fosberg's new Flora of Ceylon and will leave about the first of the year for a 3-months' hitch there. Many of the species are parts of pan-tropical complexes, others involve genera that are more or less new to me, as is much of the pertinent literature. It should be an interesting experience, though, and I am looking forward to it.

Best wishes to you.

Sincerely,

## UNIVERSITY OF CALIFORNIA, LOS ANGELES

BERKELEY - DAVIS - IRVINE - LOS ANGELES - RIVERSIDE - SAN DIEGO - SAN FRANCISCO



SANTA BABBARA - SANTA CRUZ

DEPARTMENT OF BOTANICAL SCIENCES LOS ANGELES, CALIFORNIA 90024

October 10, 1969

Dr. Velva Rudd Museum of Natural History Smithsonian Institution Washington, D. C. 20560

Dear Velva:

We are sending you under separate cover for identification a specimen of a leguminous tree which is in cultivation at the Bel Air Hotel. It is a small tree some 20-25 feet high with smooth gray bark, quite decorative. The flowers are a rich purple-blue; the legumes are indehiscent even when a year old. It suggests a Milletia and I suppose it could be a Lonchocarpus or something related. Anyhow, the local nurserymen are anxious to get an identification since it is most decorative and is apparently unique here. Its origin is unknown.

You may keep the specimen if you wish to.

Sorry to have missed you in Seattle. I hope the Mexican Congress was a good one. I was also sorry to hear that you did not get your helicopter descent on to the floating island.

Best wishes,

Mildred E. Mathias

Director

Botanical Gardens-Herbarium

MEM/tn

October 23, 1969

Dr. Mildred E. Mathias Department of Botanical Sciences University of California Los Angeles, California 90024

Dear Mildred:

The leguminous specimens you sent look like <u>Lonchocarpus</u> <u>wucataneneis</u> Pittier but don't let the nurserymen use the name until Mario Sousa has a chance to check me on it. Mario is the young Mexican who is working at Harvard, with <u>Lonchocarpus</u> of Mexica as his thesis project. The fruits of <u>L. yucatanensis</u> have not been known, unless Mario has picked some up. Incidentally, the fruiting specimen you sent has no label, but the envelope of pods is marked "Bill Evans". Is that a separate, later collection by him?

Julia wonders when you are coming. She thinks you said you would be here in November. If so, I hope to see you then.

Sincerely,

Dr. Richard H. Maxwell Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis, Missouri 63110

Dear Dick:

Belated congratulations! Your letter arrived while I was in Mexico. Fortunately, it is undated, so I don't know how old it really is. I also received a nice note from Dr. Mohlenbrock thanking me for my help to you. I appreciate his letter, but I really did very little for you.

As to your working on <u>Galactia</u>, <u>Collaea</u>, etc. don't worry about Dr. Burkart. He was here in August and gives you his blessing. Also, don't worry about St. John and Fosberg. Get your <u>Dioclea</u> cleaned up, and your little paper on <u>Cymbosema</u>. Dr. Lewis may have told you that I suggested he coach you on a pollen study of the Phaseolese while you are with him.

You mention a visit to Washington while I am here. Well, it better be soon. I plan to leave on December 29 for Ceylon and will return via Europe on June 30. I have taken on the Faboideae for the revision of Trimen's Flora of Ceylon. I wish you could go along to help. Perhaps you can next time? Don't count on it, but there might be a possibility. According to Trimen, the legume family is the largest in Ceylon. Kostermann is doing the Mimosoids, which represent a very small part of the family. The rest is yet to be done. I am now working up rough draft, starting with the Sophoreae, so I will have some idea of the problems that lie ahead.

Come soon, if you can.

Sincerely.

MISSOURI BOTANICAL GARDEN "SHAW'S GARDEN"

Dr. Velva Rudd. Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Dr. Rudd:



2315 TOWER GROVE AVENUE ST. LOUIS, MISSOURI 63110 TOWNSEND 5-0440

Just a short note to let you know I finally graduated on the 30th of August. I still seem to be the same guy though which is something of a disappointment. Thank you for your help and encouragement along the way. I really don't know when the job on Dioclea will be finished, but at least now I feel taking Sundays off will be no crime.

As you probably know I landed at the Missouri Botanical Garden Herbarium for a year. Perhaps this was the only way MBG figured they would get their Dioclea loan back, but I think we will both benefit. Please let me know if their are any chores I can do for you here and I'll attempt them.

The US loan with several others is still at SIU. I shall have to commute several weekends to clean them all up. Since your loan has several genera besides Dioclea, it may be one of the last ones returned, unless you would like to call it in. If you think it best I'll ask Dr. Lewis to arrange a transfer to MO, but there is really more room at SIU, and I think it's best to leave it there awhile longer.

I hope to resume correspondence with Dr. A. Burkart, and perhaps between the two of us we can separate Collaea from Galactia and Dioclea. The separation of Macropsychanthus from Dioclea is the stumbling block in the other hemisphere, and correspondence with Prof. H. St. John may clear this up. Wasn't Dr. Fosberg interested in this too?

We borrowed some material from BISH and Dr. van Royen, in a letter to Dr. Ugent, the curator at SIU, indicated H. St. John has been studying Dioclea for some time, and was about to publish a new species, so I shall write to him.

I'll take a week of my vacation to work the general collection at US, sometime while you are there. Things aren't well settled here as new people come in and there is the usual jockeying for space, and other status symbols. I have plenty to do, and currently am struggling with Mexican material that I wish Tom Elias had done before he went to Harvard.

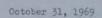
Say hello to Deiter, and congratulations to Bob (a letter is on the way to him). You might be interested in knowing Dr. Blackwelder was on my final examining committee, and also helped a great deal in arranging the introductory part of my dissertation. He said you bowled in a Smithsonian league together for awhile.

Thank you again for your help.

Sincerely, Dick Maxwell

Richard H. Maxwell Asst. Curator

Hunt Institute for Botanical Documentation





## MISSOURI BOTANICAL GARDEN

SHAW'S GARDEN

Dr. Velva Rudd Curator Department of Botany Smithsonian Institution United States National Museum Washington, D.C. 20560

Dear Dr. Rudd:
My thesis is with Dr. Marshall Crosby, the editor of the "Annals", but before
publication it will have to be worked into a more suitable form. I wouldn't
think of publishing it withut citing all the material from US, NY, GH & A, & F.

Since I won't be real busy here (curating et al) until our new cases arrive in February I've asked Dr. Lewis if I can take most of my vacation before Christmas to do this annotation work and he thought it was a good idea.

I shall try and work the east coast from the 5th to the 19th of December. Will you be there during this time? I'd heard you were going to Ceylon, and hope I won't miss you.

Cur Dr. Joan Nowicke will be at US the first of this week and perhaps you will meet her. She is the one who does the most work around here. She is also in somewhat the same position I'm in, of seeking a more or less permanent situation.

I'm looking forward to seeing you again, and shall have your loan back before I come, or, as a last resort, bring it along.

Sincerely yours,

Dick Maxwell

Richard H. Maxwell Assistant Curator

pe. 4 mor, 1969

rhm



SECRETARIA

DE

AGRICULTURA Y GANADERIA

COMISION TECNICO CONSULTIVA PARA LA DETERMINACION REGIONAL DE LOS COEFICIENTES DE AGOSTADERO.

Número del Oficio 310/69

Expediente V

Asunto: Solicitando copia de su trabajo en el IV CONGRESO MEXICANO DE BOTANICA.

OFICINA CENTRAL

Progreso No. 3. Coyoacán 21 México, D. F. Tel. 24-17-13.

ZONA - I
Hermosillo, Son.
ZONA II
Chihuahua, Chih.
ZONA III
Saltillo, Coah.
ZONA IV
Monterrey N. L.
ZONA V
Colima, Col.
ZONA VI
Celaya, Gto.
ZONA VII
Veracruz, Ver.
ZONA VIII
Tuxtla Gutiérrez, Chis.
ZONA IX
Mérida, Yuc.

SRITA. VELVA RUDD. SMITHSONIAN INSTITUTION WASHINGTON, D. C. (ESTADOS UNIDOS)

Me enteré con mucho agrado de su participa ción en el pasado IV CONGRESO MEXICANO DE BOTANICA efectuado en la Ciudad de Monterrey, N.L. del 8 al 11 de septiembre del presente año. Me interesó notablemente su trabajo por lo que tengo mucho interés en conocerlo con más amplitud.

Por esta razón me dirijo a usted de la ma nera más atenta con el objeto de solicitarle una copia del mismo.

Agradeceré a usted la atención que preste

a la presente.

A t e n t a m e n t e . SUFRACIO EFECTIVO.NO REELECCION. México, D.F., 3 de octubre de 1969.

EL COORDINADOR TECNICO.

ING. FIACRO MARTINEZ.

sent 6 nov. 1969



FMM/egm.

Decreto del 24 de Agosto

Nov. 11, 1969

### MISSOURI BOTANICAL GARDEN

"SHAW'S GARDEN"

2315 TOWER GROVE AVENUE ST. LOUIS, MISSOURI 63110

Dr. Velva Rudd. Curator Smithsonian Institution Washington, DC. 20560

Dear Dr. Rudd:

Thank you for the reprints. I was about to write for them.

I was looking at the wrong year on the calender. I'll plan to come into the Smithsonian Monday Dec.8th at about 9:30 AM. I'll plan on a week, although it might not take that long, then go up to NY for a couple of days, then finish up by visiting Tom Elias at A.

So glad you got to meet Joan Nowicke. She is Dr. Lewis! right hand man.

I'll bring the Cymbosema paper along. I did the gemus for the Fl. of Fanama, and also Dioclea, redoing Dr. Dwyer's MSS, and with his permission. There are only 6 spp, but I wish I could have published my thesis first. Also am beginning to absract for Excerpa Botanica.

A week from Friday I'm scheduled for an interview about a permanent position, so things are still moving too fast for me.

Looking forward to seeing you, and hearing about the Flora of Ceylon.

Sincerely, Dick

Br. Richard H. Maxwell Asst. Curator

OPTIONAL POINT NO. 10
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GRAFPHR (8: OPR) 301-11.8
UNITED STATES GOVERNMENT

# Memorandum

TO : Dr. Velva E. Rudd Through Dr. Ayensu DATE: November 13, 1969

FROM : R. S. Cowan D.

SUBJECT: Leguminosae of Mexico

In the process of catching up on my very enjoyable chore of reading the publications of the NMNH staff, I have just looked over your first installment on the Mexican legumes.

This is the sort of work that sometimes gets little attention in these times of "innovation" and yet is so important to other scientists whether in "pure" or "applied" fields. The decisions you made with respect to synonomy and taxonomic system are entirely proper, I think, if the whole job is to be completed ultimately. To do this will require very considerable time and effort but I do hope to see additional parts.

Congratulations on a concise, usable treatment of some difficult groups.



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# National Geographic Magazine

WASHINGTON, D. C. 20036

EDITORIAL RESEARCH STAFF

November 25, 1969

Dear Dr. Rudd:

Enclosed is the slide we discussed on the telephone today... does this man have an honest-to-goodness hollyhock on his head? In one of my sources, I read that the hollyhocks are a translation of the Japanese word "Aoi" which is probably a different kind of plant - a wild ginger called Asarum . Because Asarum is believed to be rare, the leaves of the katsura tree (Gercidiphyllum) are used instead at the festival. So, the big question, is WHAT does this guy have on his head?

I will not be in my office on Friday, but if you wish, you may leave a message - someone will see that it gets on my desk. There's really no hurry for this, however; early next week will be fine!

My phone number is 296-7500 x763.

I'd appreciate having the slide returned - it's borrowed!

Many thanks for your help and for your continued patience with our "nit-picking" questions.

Sincerely.

Sue Winkler
Sue R. Winkler

December 2, 1969

#### AIR MAIL

Dr. Mildred E. Mathias Department of Botanical Sciences University of California Los Angeles, California 90024

Dear Mildred:

Mario Sousa has had a look at the <u>Lonchocarpus</u> specimens from the Bel Air Hotel and agrees that they are  $\underline{L}$ . <u>Yucatanensis</u> Pittler. However, he thinks that several things are synonymous and that the oldest name is <u>Lonchocarpus</u> <u>nitidus</u> (Vog.) Benth., based on a Sellow collection from Brazil. We have only a photo of the latter but it looks pretty much the same as  $\underline{L}$ . <u>Yucatanensis</u>,  $\underline{L}$ . <u>atropurpureus</u> Benth., etc.

As I asked before, should there be a separate label for the fruiting material you sent or should I make a copy of the others? I received two labels as "M. E. Mathias, Aug. 15, 1969"; one was with the letter you sent, the other with the specimens.

I am busily trying to learn the Ceylon legumes prior to departure on Dec. 29. I'll be sorry to miss you when you come in January.

Regards and season's greetings.

Sincerely,

## THE UNIVERSITY OF WISCONSIN MADISON, WISCONSIN, U. S. A. 53706

DEPARTMENT OF BOTANY BIRGE HALL TELEPHONE NO. 608-262-1057

December 3, 1969

Dr. Velva E. Rudd Curator, Department of Botany Smithsonian Institution Washington, D.C.

Dear Velva:

Thank you very much for your note. We appreciate the names for the Roe specimens very much. I hope all is well with you.

Yours sincerely,

Hugh H. Iltis Professor of Botany Director of the Herbarium



Sea Velva, The publication date of your PHYTO LOGIA article is 12/1/10. The subscription of the mail your personal ones copies are in the mail later - robust Herself will be sent off a fittle later - robust Herself Comes home from the herefital. He's lawing comes home from the herefital. He's lawing comes home from the home from the Molandar Flush. Molandar

Dr. Emily W. Emmart 7100 Armat Drive Bethesda, Maryland 20034

Dear Dr. Emmart:

While looking at other things I ran across two of the Berlandier collections and they apparently are duplicates we got from elsewhere:

Berlandier 789. Dalea mutabilis (Cav.) Willd.
"Mexique. Ex Herb. Musei Britannici"

Berlandier 2420. Aeschynomene visciduls Michx.

This was collected in Texas and appears to be a
duplicate from the Gray Herbarium, Harvard.

A name I forgot to give you, and that might be important for you, is:

Dr. Marshall C. Johnston University of Texas Herbarium The University of Texas Austin, Texas 78712

Marshall is a relatively young man who is interested in the flora of Texas and of Tameulipas. It could be that he is the one who should collaborate with you on Berlandier.

Best wishes.

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

BERKELEY . DAVIS . IRVINE . LOS ANGELES . RIVERSIDE . SAN DIEGO . SAN FRANCISCO



SANTA BARBARA . SANTA CRUZ

BOTANICAL GARDENS-HERBARIUM LOS ANGELES, GALIFORNIA 90024

December 15, 1969

Velva E. Rudd, Curator Department of Botany Smithsonian Institution United States National Museum Washington, D. C. 20560

Dear Velva:

Many thanks for the identification on the <u>Lonchocarpus</u>. I am proud to know that I wasn't too far wrong on the genus. Both collections were made on the same date. Legumes hang on the tree for long periods and last year's pods are still there when it begins flowing. The "Bill Evans" note was a reminder to Dave Verity of the tree, since Bill was the one who had called it to our attention.

The Ceylon trip sounds marvelous. I have always wanted to get into the Asiatic tropics. I know that Bill Theobald really enjoyed his short stay there and hopes to return. Have fun!

Merry Christmas,

Mildred E. Mathias

Director

Botanical Gardens-Herbarium

MEM/av

MUSEUM NATIONAL D'HISTOIRE NATURELLE
LABORATOIRE DE PHANÉROGAMIE
16, RUE BUFON - PARIS (V) - TEL : GOBELINS 30-35

Dr Velva E. RUDD U.S. National Museum Department of Botany Smithsonian Institution Washington, D.C., U.S.A.

Chère Dr Rudd,

Vous vous souvenez sans doute de notre conversation cet été à votre laboratoire au sujet des Papilionaceae.

D'après ce que j'ai noté vous allez bientôt pattir pour Ceylan étudier sur place cette famille.

Vous serait-il possible au cours de votre prospection de récolter des graines mûres de Phaseoleae pour des recherches cytologiques entreprises par un de mes élèves ?

Je vous souhaite une fructueuse mission et une bonne année 1970 !

Bon souvenir et merci d'avance !

Widas

28 December 1969

Dr. Richard H. Maxwell Department of Botany Southern Illinois University Carbondale, Illinois 62901

Dear Dick:

I hope the weatherman wasn't too hard on you when you were here in the Fast. We had a dandy snowstorm on Christmas Day and another is said to be on the way. I am due to leave tomorrow afternoon so I hope it holds off until I can get away.

In the cousse of "picking up" my office I have just discovered that there was a message inside that piece of paper with my name on. Luckly I had not thrown it away. Not finding a stack of specimens marked as a loan I figured you did not choose to borrow anything more at this time, but, having now read your note I have gotten out the "indets" and will have them sent to Dr. Ugent for you. Unfortunately, you will not have them by New Year's but, due to our shipping moratorium during December, they would not have gone out any sooner.

If you need anything while I am away, write to Dr. Dan Nicolson, Supervisor of the Division of Phanerogams. Mention that you have cleared with me and that I have given permission to borrow Dioclea, etc. Otherwise, I have asked that legume loans not be sent willy nilly, because it might involve stuff that I need. That has bappened to me in the past!

I will look forward to hearing from you when you get to your new post (a 13c airogramme or, with luck, my mail here will be forwarded to me, especially, if so marked). I will write you more fully later regarding research, etc.

Best wishes for the New Year, Sincerely,