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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.

Department of Botany SOUTHERN ILLINOIS UNIVERSITY

February 24,

Dr. Lyman B. Smith Curator of the Herbariam Smithsonian Institution Washington 25, D.C.

Dear Dr. Smith,

One of my graduate students is doing a study on some Illinois species of the Cyperaceous genus Eleocharis.

I should like to request a loan of any Illinois specimens of any of the following species of <u>Bleocharis</u>: <u>E</u>.

<u>equisetoides</u> (Ell.) Torr. and <u>E</u>. <u>rostellata</u>

<u>Torr.</u>

These specimens may be sent express collect to the following:

> Dr. Robert H. Mohlenbrock Department of Botany Southern Illinois University Carbondale, Illinois

> > Sincerely.

Robert H. Mohleshool Robert H. Mohlenbrock

Assistant Professor

February 26, 1960

Dr. Harold R. Moore, Jr. L. H. Bailey Hortorium Cornell University Ithaca, New York

Dear Hal:

We are sending you four sheets of photographs and a

few fragments to add to the Pseudophoenix loan for Mr. Read.

There also are some odds and ends, including a little
more on Chansedorea, for you to dispose of appropriately.

Best wishes,

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd ress

Dr. Robert H. Mohlenbrock Department of Botany Southern Illinois University Carbondale, Illinois

Dear Dr. Mohlenbrock:

In answer to your letter of February 2h, to Dr. Smith,
I regret to report that I can fird no Illinois collections
filed as Eleocharis equisotoides or E. rostellata.

Sincerely yours.

Velva E. Andd Associate Curator Division of Phanerogams

VERudd sem

Mrs. R. H. Gurnison Quaker Hill Hassum of Materal History Pawling, New York

Boar Mrs. Gunnison:

We are sending you the five specimens that you designated for return. The others, in addition to the grass that Dr. Swallen has reported to you. have been identified as follows:

3121 Spilanthes uliginosa Sw. (det. N. F. Parker)

31.25 Desmodium camum (Cmel.) Schinz & Thellung

3128 Alternanthera remosissima (Mart.) Chod.

3138 Centrosesa pubescens Benth.

3150 Souvardia termifolia (Cav.) Schl. (dat. E. C. Leonard)

3183 Comphrens decumbers Jacq.

3407 Aster pilosos Willd. (det. K. F. Parker)

Mhl Euphorbia dentata Michx. 3443 Acalyoha rhomboidea Raf.

Pagesia vandellioides (N.B.K.) Pennell

Side spinosa L.

Groton momenthogymus Hichx.

Dyssodia tagetiflora Lag. (det. K. F. Parker)

Plumbago soandens L.

Hysenoxys richardsonii (Hook.) Cockerell var. floribunda (Gray) E. F. Parker (det. E. F. Parker)

380h Securidaca diversifolia (L.) Blake

302b Amaranthus dubins Mart.

Most of the above will be added to our herbarium. Thank you very much.

Sincerely yours.

Velva E. Hodd Associate Curator Division of Phanerogans

July 7, 1960

Dr. U. T. Waterfall Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfull:

At long last, here is the list of determinations of your 1958 Mexican collection. I hope that you have not been too much inconvenienced by my delay. I will be glad to see your 1959 material and will do my best to be more prompt in reporting to you.

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogans

Enclosure

VERudd: cm

Plants of Mexico Determined at the U. S. National Museum By Velva E. Rudd Unless otherwise indicated

Museum No. 223234

12538	
12554	
12557	
12569	Cyperus manimae H.B.K.
12629	
12637	
12640	Lupinus splendens Rose
12670	
12718	Castilleja tenuiflore N. & O.
12756	
12807	
12842	
Total Control	Annual annual action of a new annual and a new annual ann
13252	Xanthocephalum wrightii Gray det. K. F. Parker
13279	Nimosa purpusii T. S. Brandeg. vel aff.
13327	Eysenhardtia schizocalyx Pennell
13384	Sisyrinchium tenuifolium H.B.K.
13389	
13426	Achaetogeron howardi (Jones) Black det. K. F. Parker
13446	Tephrosia leucantha H.B.K.
13452	
13505	
+3303	
13546	Verbering angel (1 7 7) 23 de not been made).
13556	Verbesina parviflora (H.B.K.) Blake det. K. F. Parker
13571	Trifolium longifolium (Hemsl.) House
	Achactogeron griseus Greenm. det. W. F. Parker
	Phoradendron californicum Mutt.
13587	Astranthium mexicanum (Gray) Larsen det. N. F. Parker
13619	Dalea sp. (R. Barneby plans to start work on Dalea).
13624	Guardiola platyphylla Gray det. K. F. Parker
13631	Desmodium sp. det. B. G. Scimbert
13639	Lonicera pilosa, H.B.K.
13650	Pedicularis angustifolia Benth.
13657	Lotus oroboides (H.P.K.) Ottley
13667	Sisyrinchium longipes (Bickmell) Kearney & Paeblos
13683	Compositae (The specimen seems to have vanished!).
13695	Junous liebmanni Macbr. det. F. J. Hermann
13696	Juncus ebracteatus E. Mey. " " " "
13697	Chromolepis heterophylla Benth. det. K. F. Parker
13698	Euphorbia alta Norton
13722	Heliopsis procumbens Hemsl. det. K. F. Parker
13753	Plumbago scandens L.

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13772 Baccharis neglecta Britton det. K. F. Parker
13794 Hedyotis sp. (Material all out on loan to W. H. Lewis.
                     Stephen F. Austin State College, Nacogdoches, Texas)
 13796 Missolia wislizenii (A. Gray) A. Gray
13796a Rhynchosia texana T. & C.
13818 Cassia occidentalis L.
 13828 Cologarda broussonetii (Balb.) DC.
13829 Crotalaria mollicula H.B.K.
13836 Krameria bicolor S. Wats.
13844 Acalypha phleoides Cav.
13852 Valeriana laciniosa Mart. & Gal. det. F. G. Mever
13869 Grindelia oxylepis Greene
                                det. K. F. Parker
13885 Heliopsis annua Hemsl.
                                 det. K. F. Parker
13922 Verbesina serrata Cav.
                                 det. K. F. Parker
13929 Dalea hegewischiana Steud.
13960 Melampodium hispidum H. B. K. det. K. F. Parker
13972 Desmodium grahami Gray dat. B. G. Schubert
13987 Kanthocephalum sericocarpum Gray det. K. F. Parker
14010 Desmodium grahami Gray
                                det. B. G. Schubert
14013 Grindelia inuloides Willd. det. K. F. Parker
14030 Desmodium grahami Gray
                              det. B. O. Schubert
14035 Dyssodia pinnata (Car.) Rob.
                                   det. K. F. Parker
14056 Sisyrinchium tolucense Peyr.
14059 Gnaphalium purpureum L.
                                    det. K. F. Parker
14063 Baccharls conferta H.B.K.
                                     det. K. F. Parker
14098 Flourensia resinosa (T. S. Brandeg.) Blake det. K. F. Parker
14137
      Bidens triplinervia H.B.K. var macrantha (Wedd.) Sherff. det. K. F. Parker
14147 Gnaphalium oxyphyllum DC. var. semilanatum DC.? (Heads like
          G. chartaceum Greens, with many fertile flowers) det. K. F. Parker
14148 Eupatorium hidalgense Robins. det. K. F. Parker
14209 Alnus jorullensis H.B.K.
14211 Zexmenia fasciculata (DC.) Schults Hip. det. K. F. Parker
1h218 Centrosema virginianum (L.) Benth.
14219 Canavalia villosa Benth.
14220 Desmodium grahand Gray
                                det. B. G. Schubert
14224 Polygala pamiculata L.
14230 Desmodium adscendens (SW.) DC.
                                        det. B. G. Schubert
14237 Limum schiedeanum C. & S.
14295 Florestina tripteris DC.
                                  det. K. F. Parker
14300 Simsia exaristata Gray
                                  det. K. F. Parker
14628 Coreopsis cardaminefolia (DC.) Torr. & Gray det. K. F. Parker
11661 Crotalaria retusa L.
14695 Cnidoscolus multiloba Pax ?
14118 Muhlenbergia temuifolia (R.B.K.) Kunth . det. J. R. Swallen
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12744 Particum molle L.

OKLAHOMA STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES COLLEGE OF AGRICULTURE

BOTANY & PLANT PATHOLOGY

STILLWATER July 20, 1960

Dear Dr. Rudd: Thanks very much for the list of determinations of 1958 Mexican collections of

plants which you sent on July 7. I am very happy to have them. The labels are now made, and the plants are inserted in the herbarium.

Also - appreciate your willingness to see the unidentified 1959 material. I have been very busy lately with other things, but as soon as I have a little spare time, I will see what I have available.

Sorry that you will not be here for the AIBS meetings. Since I am leading a field trip, and have some other obligations to fulfil, I will naturally be here. In fact, I will be unable to make a Mexican collecting trip this year, much to my annoyance, due to the AIBS meetings.

I do not know about the Mexican meetings, but I would probably be unable to attend anyway.

Do you know if anyone is currently working on, or intends to study, Cologania? It seems to me that this genus needs study about as badly as any. O.S. Fearing

It must be satisfying to work at an institution where an adequate herbarium and taxonomic library are both available.

With best wishes,

ans p.c.

J. T. Waterfall

Associate Frotessor and Curator of the Herbarium

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE, ILLINOIS

August 2. 1960

Dr. Velva Rudd United States National Herbarium Smithsonian Institution Washington 25. D. C.

Dear Dr. Rudd:

At long last, I believe the end to my revision of Zornia is in sight. I am wondering if you might be able to suggest a place for its publication. There are 75 species, and each species has been illustrated by a botanical illustrator.

I would appreciate any suggestions you may have.

Sincerely,

Robert H. Mohlenhood Robert H. Mohlenbrock

Botany Department

w.je

Washia

Dr. Robert H. Mohlenbrock Botany Department Southern Illinois University Carbondale, Illinois

Dear Dr. Mohlenbrock:

Congratulations on your progress with Zormia. I imagine it has been a tricky problem.

As to publication, have you thought of trying "Wrightia," published by the Texas Research Foundation, at Renner, Texas? You could write to Dr. Lundell, or to Dr. Helen Correll, the editor, to sound them out. Another publication that might take a long paper is "Webbia," published at Florence, Italy. As a last resort, "Madrono" or "Leaflets of Western Botany" might publish parts at a time, but I prefer to avoid that sort of thing, if possible. I asked Lyman Smith for suggestions and he thought that "Wrightia" would be worth the first try.

Good luck, and please send me a reprint.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd ram



UNIVERSIDAD AUTONOMA DE SAN LUIS POTOSI INSTITUTO DE INVESTIGACION DE ZONAS DESERTICAS

SAN LIES POTOSI, S. L. P., MÉXICO

San Luis Potosí, S.L.P., a 14 de septiembre de 1960

Dr. C.V. Morton, U.S. National Herbarium, Rashington, D.C., U.S.A.

Dear Dr. Morton:

The Department of Botany of this Institution is working on a Catalogue of the Gymnosperms of the Mexican State of San Luis Potosí, and on Ecology and geografical distribution of Leuchtenbergia principis Hock. et Fish. (Cactacese).

We know you have worked a lot in our country and we would greately appreciate if you could send us any datum you know about the following subjects:

- 1.- Localities and ecological data of Leuchtenbergia principis. No specimens in with H
- 2.- Genera, species and localities of gymnosperms you had colected in the Mexican State of San Luis Potosf. The hour coll. A L. C. (We sure appreciate if you could send us your Collection number)

These data would be very useful for our research

work.

Very truly yours.

7. Wecklin L.
Fernando Medellin-Leal.
Head of the laboratory.

P.S. We sure appreciate if you could send FINTARY. up clata from the collections of the U.S. War tional Herbarium.

F. W. L.

AIR MAIL

Dr. Efraim Hernandez X. Escuela Nacional de Agricultura Chapingo, México

Dear Dr. Hernandez:

The Congreso fortunately gives me a chance for my first visit to México. In addition to the meetings and the field trip, I plan to remain for a week or so to do herbarium work in connection with my project on the Papilionate legumes of México. I thought that this might be a good time to go over your material, to name some, and to select other specimens that I might borrow for further study. I hope that this will be convenient for you.

Bernice Schubert, who regrets that she will not be able to attend the meetings this time, tells me that she left plant presses, etc., and that they might be available for me should I do any collecting. Is that correct? I will be flying, so will not bring any such equipment with me.

Hasta la vista,

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogaes

VERudd:cm

Dr. U. T. Waterfall Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

Your package of plants arrived safely, and sometime in the not-too-distant future, I hope, we will send you determinations. We appreciate receiving the material.

Sheet number 15508, apparently a Polygala, is without a label. Could you please supply the missing data?

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phaneromans

VERudd rom

P-2193

Dr. Fernando Medellín-Leal Instituto de Investigacion de Zonas Deserticas Universidad Autonoma de San Luis Potosí San Luis Potosí, S.L.P., Mexico

Dear Dr. Medellin:

Mr. Morton has asked me to answer your letter to him of September 11. He says that he has not collected in San Luis Potosí. Enclosed is a list of the Gymnosperm collections from S.L.P. that we have in our herbarium. I hope that I have included the data you need and that you can read my handwriting.

As to Leuchtenbergia, we apparently do not have any material at all.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd: cm

Chapingo, Méx., a 3 de octubre de 1960.

Velva E. Rudd SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON 25, D.C.

Dear Dr. Rudd:

Glad to know that you are coming to the Congre so Botánico and that you will be able to do some work -- here. We shall try to have aur material on hand. Presses, correspates and driers are available.

Sincerely yours,

Ing. Efraim Hernández X.

OKLAHOMA STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
COLLEGE OF AGRICULTURE

BOTANY & PLANT PATHOLOGY

STILLWATER Oct. 8, 1960

Dr. Velva Rudd Associate Cuntor Division of Phanerogams Smithsonian Institution U. S. National Museum Washington 25, DC.

Dear Dr. Rudd:

well (d. 10, 60

Attached is the missing label for my no. 15508, a species of Polygala.

Hope some of the material is interesting to you.

With best regards,

U. T. Waterfall
U. T. Waterfall

Associate Professor and Curator of the Herbarium

October 10, 1960

Br. Robert H. Mohlenbrock Department of Botany Southern Illinois University Carbondale, Illinois

Dear Dr. Mohlenbrocks

Your recent request for a loan of Sweetia raises a question that has become increasingly troublesors of late, namely, the number of specialists in the Leguminosae. Besides Radd and Gowan here there are Schubert, Isely, Dwyer, Hermann, Barneby, Sauer and Irwin. We have not refused to make any loans yet, but unless we can find some way to avoid crippling the work of our own staff it may have to come to that.

However, I believe that there is still room enough for all if we plan shead and so I am asking you for an outline of your long-range intentions. Dr. Schubert and Dr. Rudd were working on the Hedysareae, but dropped plans on Zoinia and Stylosanthes. Now Dr. Schubert continues on Desmodium as before and Dr. Rudd is working on Orrosia to be followed by Dussia and on Mexican Papilionates. Dr. Cowan has a monograph of Swartzia well along and is working on Degumes of northern South America in general.

Hoping to hear from you soon,

Cordially yours.

Lyman B. Smith Curator Division of Phanerogans

LBSeri throm

Dr. Velva E. Rudd Associate Curator Division of Phanerogams Smithonian Institution Washington 25, D.C.

Dear Dr. Rudd:

I wish to inform that I am near to finish my work with the Cyperaceae of Puerto Rico and being here again at Louisiana State University I will finish it in this semester. I really have to thank with all my heart to you and your Institution for all the help and attentions you had to me.

I have returned the specimens about 15 days ago. Please let me know of the arrival.

Dr. Rudd I know the policy of the large herbaria is to avoid as much as possible the loan of specimens, especially if the person needing the specimen do not go to select them, but I have confronted a specimen confusion . There is a report of in which cites a specimen from Puerto Rico (Sintenis 44772 from your herbarium , identified as Cyperus eggersii and at the same Sintenis 44772 from the Gray herbarium as Cyperus odoratus L (C. ferax). I have written to Gray herbarium asking permission to use for few day such specimen. There is also a specimen from Puerto Rico Fredholm 4722, identified by McLaughlin as C. luzulae , he does not cite the herbarium, but we have a duplicate of it at our herbarium, but it is to me C. surinamensis and not C. luzulae, and it could be mismumbering by Sintenis. I would appreciate very much your help, by letting me check those specimens. If Fredholm 4722 is not luxulae this species appears not to occur in Puerto Rico since I have not been able to find anything matching wit it, Wishing you much success in Very Sincerely your work, I remain.

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Hunt Institute for Botanical Documentation

SOUTHERN ILLINOIS UNIVERSITY

October 26, 1960

Dr. Velva Rudd Smithsonian Institution Washington 25, D. C.

Dear Dr. Rudd:

Thank you very much for sending the loan of <u>Sweetia</u> and <u>Ateleia</u> so promptly. I have not as yet received your official forms for this loan, however.

I finally have <u>Zornia</u> accepted for publication by the Italian journal <u>Webbia</u>. They have promised publication by June or July, 1961.

I have one last unresolved problem which I wonder if you could help me with. I have lost the original reference to Zornia diphylla ver. vichadana Killip, based on Haught 2797, deposited in your herbarium. I have unsuccessfully tried to trace back the place and date of publication. It is not in the Missouri Botanical Garden's Gray Card Index. Could you possibly check this for me?

1000

400

John . nov. 21, 19,40

Sincerely,

Robert H. Mohlenbrock

Robert H. Mohlenbrock Botany Department

wje

Cal

I sent him an APECO copy of the invoice which he can use in case he has misplaced his own.

THE UNIVERSITY OF TEXAS

THE PLANT RESEARCH INSTITUTE

November 12, 1960

Dr Velva Rudd U.S. National Herbarium

Dear Velva

Thanks for the card from the big city. The day after we saw you on Juarez street John Crutchfield and I drove down to Acapulco and Calvin McMillan flew back to Austin. I hope you had a good time in Acapulco. We got back to Mexico on Saturday the fifth and spent the day in the herbarium. I had expected that you would be back by that time too. Miranda and I had a nice chat and lunch on Saturday.

Yes I do care very much for the determinations. Thanks and send more. On those Veracruz plants I didn't take time to try to determine much because they were south of my main area of interest, and I was just throwing into the press anything that took my fancy. No, I don't have any more of the 4786 Pachecoa prismatica for ARKEKENINKEER distribution.

Kitty Parker has made the interesting observation that it seems that collectors are no longer sending sets of their stuff to the U.S. National.

Therefore I should explain why I am not sending a set of my stuff there.

and No. Amer.

1.) The attitude seems to be that much of the U.S./is adequately represented at the U.S. National. This is absurd. Not even D.C. and Maryland are adequately represented there, not to mention such remote and unimportant regions as Texas. This is part of the parochial attitude characteristic of Harverd and New York botanists.

2.) The U.S. National, as all the big places and many of the small, is scandehously behind in mounting material received. I refuse to have my collections sit in boxes for 10—15 years awaiting mounting and insertion. Michigan is attacking this problem with a vengeance, McVaugn has 5 full-time lady mounters, paid through NSF money (a prodigious grant for cases and such). Why doesn't the U.S. National try something like that?

Now down off my soapbox to wish you happiness in all your traipsing around. Hope you will settle down soon and turn out many more monographs.

We have tried here to dissuade Bob King from sending those purple letters. Of course he is right in principle that Dr. Swallen made him a promise which remains unfulfilled. I have tried to convince him that he (even when morally right) should not antagonize people from whom he just might someday want a job, but such practical matters do not bother him.

Well, give my regards to everyone there. It looks as if teaching duties here at the University will keep me from sasheying all over the country as I have been doing this year, so may not see D.C. for sometime now.

Sincerely,

Marshall Johnston.

Hunt Institute for Botanical Documentation

1-2018

Plants of British Honduras Collected by David R. Hunt Det. V. E. Rudd unless otherwise indicated Mus. No. 228969

6 Clitoria guyanensis (Aubl.) Benth. 8 Clidemia rubra (Aubl.) Mart. Det. J. J. Wurdack 12 Scleria hirtella Sw. 23 Polygala longicaulis H.B.K. 28 Polygala adenophora DC. h2 Aphelandra deppeans S. & C. Det. E. C. Leonard 46 Asschynomene paniculata Willd. ex Vog. 5h Polygala variabilis H.S.K. f. leucanthema Blake Polygala variabilis H.B.K. 56 Conostegia malapensis (Bonpl.) D. Don Det. J. J. Wardack 62 Pinus caribaea Mor. 72 Conostegia lundellii Gleason Det. J. J. Wurdack 73 Polygala particulata L. 78a Asschynomene brasiliana (Poir.) DC. var. brasiliana 78b Aeschynomene elegans S. & C. var. elegans 90 Guercus peduncularis Néc var. sublanosa (Trel.) C. H. Mall. 91 Quercus oleoides 3. & C. 122 Ruellia geminiflora H.B.K. Det. E. C. Leonard 156 Scleria bracteata Cav. 170 Eleocharis maculosa (Vahl) R. & S. 171 Acisanthera quadrata Juss. Det. J. J. Wurdack 172 Xyris caroliniana Walt. Det. L. B. Smith 178 Xyris caroliniana Walt. (depauperate) Det. L. B. Smith 186 Polygala bryzoides St. Hil. var. latifolia St. Hil. ex Bennett 191 Scleria liebmannii Stend. 192 Scleria ciliata Michx. 198 Drosera capillaris Poir. 199 Myris subnavicularis Malme ? Dot. L. B. Smith 210 Clidemia neglecta D. Don sensu Gleason Det. J. J. Wurdack 232 Heterocentron subtriplinervum (Link & Otto) A. Br. & Bouché - Det. J. J. Wurdack 259 Scleria pterota var. melalenca (Reichb.) Uittien 261 Hygrophila guianensis Nees Det. E. C. Leonard 273 Pterolepis stenophylla Gleason Det. J. J. Wurdack 284 Carex polystachya Sw. ex Wahl. var. bartlettii (O'Neill) Standl. & Steyern. ? 286 Arceuthobium vaginatum (H.B.K.) Eichler 300 Tibouchina schiedeana (S. & C.) Cogn. Det. J. J. Wurdack 302 Miconia albicans (Sw.) Tr. 306 Miconia ciliata (Rich.) DC. Det. J. J. Wurdack # # # 21 11 11 311 Clidemia reticulata Gleason 11 11 11 313 Miconia Lacera (Bonpl.) Naud. 314 Clidemia capitellata (Bonpl.) D. Don - Det. J. J. Wardack 316 Miconia stenostachya DC.



319 Aeschynomene americana L. var. glandulosa (Poir.) Rudd
321 Scleria georgiana Core
333 Miconia albicana (Sw.) Triana Det. J. J. Wurdack
335 Tococa guianensis Aubl.
336 Tococa guianensis Aubl.
337 Tococa guianensis Aubl.
338 Acisanthera crassipes (Naud.) Wurdack " " " "
348 Acisanthera bivalvis (Aubl.) Cogn. " " " "
349 Acisanthera bivalvis (Aubl.) Cogn. " " " "
340 Miconia stempstachya DC. " " " " "
341 Miconia stempstachya DC. " " " " "
342 Miconia stempstachya DC. " " " " "
343 Miconia stempstachya DC. " " " " "
344 Miconia pracina (Sw.) DC. " " " " "
345 Pachyanthus sp. Det. J. J. Wurdack
346 Pachyanthus sp. Det. J. J. Wurdack
347 Pachyanthus sp. Det. J. J. Wurdack
348 Pinus cocarpa Schiede var. ochoterenai Martinez
348 Pinus cocarpa Schiede var. ochoterenai Martinez
349 Scleria secans (L.) Urb.
349 Scleria ptercta Frest ? (immature) meccarpa Pacs
340 Polygala hydrophila H.B.K.
341 Polygala hydrophila H.B.K.
342 Tillandsia dasyliriifolia Blake Det. L. B. Smith
343 Scleria hirtella Sw.

9.2018

December 14, 1960

AUR HALL

Mr. David R. Hunt 18, Friary Road London, N. 12, England

Dear Mr. Hunt:

Enclosed is a list of determinations of a few of your specimens. Your material is very interesting and I hope to be able to spend more time on it after the holidays.

Sincerely yours,

Velva B. Rudd Associate Curator Division of Phanerogams

Enclosure

VFRudd: em

Dr. Marshall C. Johnston The Plant Research Institute The University of Texas Austin 12, Texas

Dear Marshall:

Thanks for your letter of thanks and also King's. A few kind words help to compensate for the overload.

You may have noticed that the Zizyphus material was rushed out without benefit of scrutiny by Mrs. Berger and a few sheets may be in need of repairs and pockets. Please treat them with care. The rest of the loan is being prepared for shipment after Christmas. At the moment we are slowed down by holiday vacation and a snowstorm. (I wish I were back in Acapulco). Not everyone got in to work today, and we all had official leave yesterday. Thursday, the fifteenth, I go into the hospital for another operation, so I will be out of circulation for a while. Unfortunately, that will nut me a little farther behind, because the boys always gallantly save my work for me.

Season's Greetings, and all,

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: om

AIR MAIL

Dr. Eizi Matuda Herbario Nacional, Instituto de Biología Universidad Nacional A. de México C. U., Mexico 20, D. F.

Dear Dr. Matuda:

I am very sorry to tell you that your I pomoea loan will be delayed. During the month of December we are requested to withhold shipments, for greater safety of the specimens, and to reduce the quantity of packages in the mail. I have selected the specimens for you, including types, and a number of unnamed sheets, that I hope you will annotate for us. We do not have three sheets of some species.

Right now we are also handicapped by people being on vacation, so there will be further delay in repair and recording of specimens. I will be away from the office for two to four weeks because I have to go to the hospital for an operation. I will leave your loan in the care of Dr. Lyman Smith, and hope that you will not have to wait too long.

It was a pleasure to meet you and all the other Mexican botanists.

With best wishes,

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd : cm

Leopold A. Charette 27 Derguson Avenue Burlington, Vermont, U. S. A.

22 January 1961 DR. Velva E. Rudd united states National Head South Court hereian Post itation Washington 25. D.C. Court C The for

Burlington, Verment

Washington 25, D.C. Dear. DR. Rudd.

I am endeavoring to Locate a openimen of PRI Muta Mistressi Nica collected by chickening in Hermoet [vi3. Sterling Mt. Smaggler's Notch] in the 19th century. To this date this is the enty Known collection From this locality.

Regnum Vegetabile - Index of collectors states that chickering's a riginal harbarium is preserved at the us National Herbarium. The particular collection of am marching for was collected in company with Rev. Thomas Marong.

could you advise if there is a opecimen of this collection is us.? and if there is could you send me a transcript of the label.

Sincerely your,

Leopald A Shorette

Addness

Research Associate
PRingle Herbarium
Botany Dept.
University of Verment
Burlington, Ut.



CONSERVATOIRE ET JARDIN BOTANIQUES

ROUTE DE LAUSANNE 192

HERBIERS BOISSIER, DE CANDOLLE ET DELESSERT RÉUNIS

DIR.: PROF. Dr CHARLES BAEHNI

GENÈVE, le ler février 1961

Dr Velva E. RUDD
Assoc. Curator
US National Museum
Department of Botany
Smithsonian Institution
WASHINGTON DC
USA

Dear Doctor Rudd,

Your valuable communication entitled "Supplement.studies in Aeschynomene" is of great interest to me. Could you send a copy for the library of the Conservatoire botanique please. We will of course dispatch to you some from our reprints if you want.

Looking forward to receiving the above-mentionned, we remain very truly yours

Jellewold L. Bernardi Curator Dr. U. T. Waterfall Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

Conrad Morton has just determined three of your 1957 collections as Hamelia patens Jacq. They are your numbers 14251, 14255, and 14293, and had been tentatively identified as Bouvardia sp.

As to your more recent lot, I have not made much headway except to sort things more or less systematically. I did catch Fred Hermann one day to name the two Carex specimens, which are as follows:

13592 C. xerantica Bailey (new to Mexico) 13645 C. leucodonta Holm (first Durango record)

Another sedge, 15h6h, is Oyperus seslerioides H.B.K.

I had to make a third trip to the hospital, so am more behind schedule than ever. With luck, I can gradually catch up.

Best wishes.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogans

VERudd: cm

OKLAHOMA STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
COLLEGE OF AGRICULTURE
STILLWATER

BOTANY & PLANT PATHOLOGY

Feb. 8, 1961

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

Dear Dr. Rudd:

Thanks for the determinations of my Mexican plants, made by Conrad Morton and Fred Hermann, which you sent me a few days ago.

I am very sorry to hear that you have been ill, and hope that you have recovered by now.

Whenever you are able to send me other determinations, either in whole, or in part, I will be quite happy to have them.

With best wishes,

Sincerely yours U.T. Waterfeld

U. T. Waterfail

Curator of the Herbarium

February 13, 1961

Dr. Bizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Casa del Lago Chapultenec. D. F.

Dear Dr. Matuda:

Here are a few more determinations of plants that you sent a long time ago:

18585 Dussia cuscatlanica (Standl.) Standl. & Steyerm.

18711 Nissolia fruticosa Jacq. var. fruticosa

18739 Salix taxifolia H.B.K. 19178 Desmodium adhaesivum S Desmodium adhaesivum Schlecht. (det. B. G. Schubert)

27090 Missolia hirsuta DC.

27856 Tibouchina latibracteolata P. G. Wilson

30105 Aeschynomene villosa Poir. var. longifolia (Micheli) Rudd

31215 Missolia hirsuta DC.

31627 Aeschynomene paucifoliolata Micheli

32005 Desmodium amplifolium Hemsl. (det. B. G. Schubert)

Tibouchina sp. (not matched at US - Dr. Wurdack 32252 says that it may or may not be a new species, but we have nothing like it).

I have given the package of Compositae to Dr. Kittle Parker to check, and I hope that before too long we can report some more names.

With best wishes.

Sincerely,

V. E. Rudd Associate Gurator Division of Phanerogams

P-1523

VERudd rom

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY BERKELEY 4, CALIFORNIA

February 14, 1951

Dann Valves

Thanks loads for the copy of the illustration of Eschscholzia lemmonii. It confirms (to me) the identity of the taxon and my suspicion that the Holotype is no longer extant. Just to make certain of the latter I will make one last inquirfy from the Catholic University. Then, If I can find a suitable population this spring, I plan to indulge my vanity and collect a Neotype. California sprintimes being as they are and combined with the evactiveness of the less common Eschscholzias puts everything in the subjunctive. However, I think I know where to look for some clants that will be very nearly identical with the illustration.

If I get around to a brief "story" about the Eschecholzias, I suppose there would be no objection to my inking the drawing you sent (and the signature of Mr. H. D. House '04) and using it for an illustration?

We will be looking forward to assing you way out here in the West next month. If you hear of any lush positions for an old fashioned fuddyduddy kind of botenist in the East, you might bring the information along with you. The market seems to be flooded at this time. - Oh yes, I propably won't be a Dr. until late hext summer.

Sincerely, WE

Wallace R. Ernst Herb. Botanist & Poppycockspecialist

INSTITUTO DE BIOLOGIA

Universidad Nacional Autónoma de México. C. U., México 20, D. F.

February 22 1961

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

Dear Dr. Rudd.

Thank you very much the Ipomoea loan (457 sheets including 85 types) which cited in your kind letter of January 12, Ppdo.

To-day I am returning the white copy of shipping invoice as requested.

Also I am very glad to receive your letter checked list for my collection, dated reb.13 inst. Your collaboration as such are most appreciated.

If there are some ones interested the Compositae of central and southern parts of Mexico, I have some duplicates to send to the Herbarium/ in this case, please let me know.

By separate I am sending you some reprints of my recent works, with compliments.

With best wishes and kindest concerns

I her to remain

Elzi Matuda

Yours very truly

AIR MAIL

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autónoma de México C. U., México 20, D. F.

Dear Dr. Matuda:

Thank you for your letter of February 22. I am glad to know that the Ipomoea loan reached you safely. That should keep you busy for quite a while.

We should appreciate receiving any of your duplicate specimens. Even if we do not have specialists in groups at the moment, we are glad to make our collections more complete.

Dr. Kittie Parker, although not a regular member of our staff, works at the herbarium most of the time. She is a specialist in Compositae who is becoming increasingly interested in Mexican flora, after her previous work in Arizona and California. She will be most happy if you send us your Compositae duplicates.

With best wishes,

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:em

David R. Hunt - Plants of British Honduras U.S.N.M. No. 228969 - March 1961 Identified by V. B. Rudd

2. Oxalis yucstanensis (Rose) Riley 3. Cassia flexuosa L. 11. Rhynchosnora globularis (Chapm.) Small var. recognitum Gale 14. Eriosema pinetorum Standl. 25. Briosema violaceum (Aubl.) G. Don 32. Cassia tagera L. 53. Cephaelis tomentosa (Aubl.) Vahl 64. Cassia bacillaris L. 67. Cassia diphylla L. 70. Cassia undulata Senth. 81. Buldostylis paradoxa (Spreng.) Lindm. 8h. Rhynchospera globosa (H.B.K.) R. & S. 99. Rhynchospora robusta (Kunth) Boeckel 119. Casale hispidula Vahl 12h. Cassia killipii Rose 161. Cassia leiophylla Vog. 169. Rhynchospora cypercides (Sw.) Mart. 184. Desmodium canum (Gmel.) Schinz & Thellung 189. Bulbostylis arenaria (Nees) Linda. ? 191. Scleria liebmannii Steud. 192. Soleria oiliata Michx. 230. Rhynchospora torresiana Standl. 237. Rhynchospora cyperoides (Sw.) Mart. 239. Cassia stenocarpa Vog. 217. Desmodium barbatum (L.) Benth. & Oerst. (mature fruit). 2474. 260. Pachyrrhigus vermalis Clausen ver. vermelis (hroad lasflote). 260a. " var. angustilobus Clausen (nerrow leaflets). 260a. 288. Desmodium triflorum (L.) DC. 293. Dichromena ciliata Vahl 294. Rhynchosia longeracemosa Mart. & Gal. 312. Cassia bartlettii Standl. 337. Rhynchospora curvula Griseb. 341. Mhynchospora globosa (H.B.K.) R. & S. 3h2. Rhynchospora barbata (Vahl) Kunth 386. Rhynchospora globosa (H.D.K.) R. & S. Scheenus nigicans h. 393. Dichromens colorate (L.) Hitchc. 456. Rhynchospera corynbosa (L.) Britt. 621. Hhynchospora berbata (Vahl) Kunth

P-2078



March 3, 1961

AIR MAIL

Mr. David R. Hunt 18 Friary Road London, N. 12, England

Dear Mr. Hunt:

To reassure you that your collections have not been forgotten, I am enclosing a list of additional determinations. Also, I should appreciate your advice on mambers 2h7 and 260. In each case, two collections, made on different dates, have been given the same numbers. I have arbitrarily assigned "a" numbers, but before having labels typed, I need to know which collection was made on which date.

The remaining determinations will be finished before too long, I hope.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Englosure

VERudd: cm

Dr. L. Bernardi Conservatoire et Jardin Botaniques Route de Lausanne 192 Geneva, Switzerland

Dear Dr. Bernardi:

In reply to your letter of February 1, I am enclosing two copies of my recent paper on Aeschynomene, for you, and the library. I am also including two other papers that might be of interest.

In connection with the Ormosia paper, you will find your isotype of O. schippii filed as O. coarcteta, and the specimen of O. velutina, Schipp 132, with the undetermined material, according to a list of your Ormosia prepared for me last summer by Dr. Margaret Fulford.

I am currently working on Ormosia and Dussia and am writing to the Director to request a loan of some of the specimens in your herbarium.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd : cm

120

18, Friary Road, LONDON, N. 12 England.

7 March 1961

Dr. V.E. Rudd, Department of Potany, Smithsonian Institution, WASHINGTON, 25 D.C., USA.

Dear Dr. Rudd.

Thank you for your letter of 3 March and the identifications with it.

No. 247 was collected with mature fruit on 13-12-59.

The water

No. 260 includes leaves from near the ground(broad leaflets) and from higher up the twining stem. I am fairly sure but not certain that your material was from one plant. I noticed similar leef variation in other twining species, notably No. 304 (Fapilionaceae), No. 16 (Gentrosema sp.) and Nos. 37, 150 (Convolvulaceae), all of which have broad basiphylis and narrow acrophylis.

You identify No. 386 as Rhynchospora globosa - Selsenus is this a typist's error? Surely the name is wrong. Surely the name is wrong.

The British Museum(Natural History) suggests that No. 494 is Scleria microcarpa Nees.

With reference to Dr. Swallen's identifications of my grasses, I must query No. 486, identified as an Eragrostis. My recollection of this plant does not tally with my idea of an Eragrostis, so would be please confirm that identification. Also, the specimen of Secciolepis myuros numbered 499 should be 449. I'm sorry if I have put the wrong number on the label in that case

In connection with No. 184 Desmodium canum, could you perhaps tell me how this species differs from D. fruftescens (Aubl.) Schi dl. ?

All best wishes,

Yours sincerely,

David R. Hunt



THE UNIVERSITY OF TEXAS

BOTANICAL LABORATORIES

Maxeaxiax Austin 12, Texas

B. C. THARP

March 10, 1961

Dr. Velva Rudd Smithsonian Building Washington 25, D.C.

Dear Velva:

In packing up my loan of Rhamnaceae from the U. of California at Berkèèey I find a shortage of one sheet of Gondalia Lloydii Standl.

I think there is a small possibility that I may have reknamaching sent it to you by mistake when I returned your loan, dreadful thought.

I wonder if you could check up on this and, if you have the sheet, send it collect. I think the possibility is pretty small, because the numbers checked, meaning that I returned to you as many sheets as you sent me, with no excess. I hope no great trouble is involved, and I will appreciate your kindness. I am sure that the specimen was C. Lloydii so no need to look in but one folder. (Mexican).

No news from King lately. He should have worked his way down as far as Mexico City by now; he'll make one brief foray into the Acapulco area and then work gradually north again. — A couple of grad. stds. are now planning an expedition this summer into Mexico for field study of comp. genera — probably won't collect an awful lot. After this semester I'll begin officially the collaboration with Don Correll on a Manual of the Flora of Texas. End of newsletter.

Hope you are getting along well. Best regards.

Sincerely,

marshero

Marshail C. Johnston.

March 14, 1961

Dr. Marshall C. Johnston Botanical Laboratories University of Texas Austin 12, Texas

Dear Dr. Johnston:

As Velva is away on vacation I thought I had better answer your letter of March 10.

The sheet of Condalia lloydii was not in the loan returned to us. I looked in the herbarium and we have only one specimen from Mexico. If it had been included we would certainly have come across it in checking off the specimens.

Sincerely,

Jason R. Swallen Head Curator Department of Botany

JRSwallen: cbs

226911

Harch 22, 1961

Mr. Shamim A. Faruqi Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Mr. Faruqi:

In reply to your letter of March 1h, I am sending you on loan the type of Tradescantia lelandra var. ovata Coulter. It unfortunately was overlooked when I sent the previous loan, because it was published as Tradescantia, not Setcreasea. The information on the label appears to have been written by Coulter.

The sheets at US that you have annotated as Setcreasea pallida var. ovata are as follows:

V. Havard 78, Texas, USNH 56706 C. H. Mieller 795h, Texas, USNH 1651792

F. L. Wynd & C. H. Mueller 335, Mexico, USNH 163977L B. H. Warnock 57L, Texas, USNH 176670 C. E. Sperry 643, Texas, USNH 1699369

0. E. Sperry 1476, Texas, USNH 1766471

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogans

Enclosure

AIR MAIL

Mr. David R. Hunt 18, Friary Road London, N. 12 England

Dear Mr. Hunt:

Thank you for your letter of 7 March, which arrived while I was away on vacation.

In view of your recollection that both sheets of your No. 260 are from the same plant, we might better omit any varietal names and simply identify 260 and 260a as Pachyrrhizus vernalis Clausen.

Your No. 184, Desmodium canum, is so named because, according to Dr. Bernice Schubert, a specialist in the genus, D. frutescens is a synonym.

My determination of your No. 386 was incorrect. It really should be Schoenus nigricans L., the first material of the species that I have seen from Central America.

On the matter of your No. 194, I concede to the British Miseum, that Scleria microcarpa is the correct name.

I am sorry that the errors occurred.

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogams

LBSmith:cm



CONSERVATOIRE ET JARDIN BOTANIQUES

ROUTE DE LAUSANNE 192

HERBIERS BOISSIER, DE CANDOLLE ET DELESSERT RÉUNIS

DIR.: PROF. Dr CHARLES BAEHNI

GENEVE. 30 - III - 1961

Miss Velva E. Rudd Associate Curator

Division of Phanerogams Smithsonian Institution U.S. National Herbarium, Washington 25 D.D. U.S.A.

Domina,

recepi lasto animo epistulam opusculaque tua. Gratias tibi propter hoc

Ormosiae et Dussiae specimina diligentes praepositi ad Mutua - ante diem secundum Idus Martii (13) tibi miserunt.

Nunc , forsitam per apetum immensumque mare navi ferrea latae, Ormosia et Dussia tibi, dominae Novi Mundi appropinquent. Quam ob rem, quod mihi scripsisti - de Ormosia Schippii et O. velutina, -tu ipse, amabilis, corrigere poteris.

Magnum bellum, sive revisionem, adversum dirum Weinmmanniae Genuz incepi. Specimina ex New York (verbis barbaris aegro animo uti interdum necesso), Chicago, Berolinensi Berbario, nec non Florentiae, Vindobo = nensis, Parisiarum, sive Lutetiae, etc. a me persorutanda recepi.

Autem malo de Herbario Washingto de specimina hic conspicere locum pletissima. Ad hoc, a te quero : apud vos sunt adhuc Weinmanniae specimina, vel in mutuum distributa ? Sunt tibel, domina, facultas, voluntas, pietas tantas ut mihi specimina totius generis Weinmanniae mittas ?

Ad postremum tibi dicam : Iconotheca (sive Botanicorum, nec colum virorum, sed etiam mulierum, puellarum etc.) effigium collectio) de imagine tua deest. Magno cum gaudio accipiam tuam effigiem (anglice : photography) ut Iconotheca genevensis locupletatur.

Vale, domina gentilissima :

Luciano Bernardi,

OKLAHOMA STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
COLLEGE OF AGRICULTURE
STILLWATER

BOTANY & PLANT PATHOLOGY

April 6, 1961

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

Dear Dr. Rudd:

The type specimen of <u>Tradescantia leindra</u> var. ovata reached here safely. May I extend my heartiest thanks for your cooperation. The sheet is in good shape and shall be returned within a couple of days. This paper will be published in Rhodora, and I shall send you a few copies of this publication.

I am also in need of types of Aneilema pulchella (H. B.K.) Woodson Syn. <u>Tradescantia pulchella</u> H.B.K. and <u>Setcreasea buckleye</u> Jtn.Syn. <u>Tradescantia speciosa</u> Buckley. You may also find these plants with <u>Tradescantia</u>. I shall consider myself very fortunate if I could have a look at these two sheets.

With kind regards and thanks.

Yours truly,

Shamim A. Faruqi Graduate Assistant

SAF: kh

Property of the second

Mr. Shamim A. Faruci Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Mr. Farugi:

Sorry, but we do not have the two types requested in your letter of April 6. The H.B.K. type is at the Humboldt Herbarium at Paris. Enclosed is an Apeco duplication of a not-toc-clear photo of it, however, which you may keep. It might be helpful to you. The Buckley-Johnston type is probably at Harvard or at Philadelphia.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:cm

AIR MAIL

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autónoma de México C. U., México 20, D. F.

Dear Dr. Matuda:

Many thanks for the three packages of plants which arrived safely on April 24. The outer wrapping paper was torn, but the specimens are in good condition. Dr. Parker will be very pleased to see the many Compositae.

I was interested to see one of my Aeschynomene. Your number 31647 is Ae. americana L. var. flabellata Rudd. The Gentry collection No. 5516 is Gyrocarpus americanus Jacq.

An official letter of thanks will be sent to you by the Director of the Museum, Dr. A. C. Smith.

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:cm

THE UNIVERSITY OF TEXAS AUSTIN 12

THE DEPARTMENT OF BOTANY

May 4, 1961

Dr. Velma Rudd Department of Botany U. S. National Museum Smithsonian Building Washington 25. D. C.

Dear Dr. Rudd:

In connection with pollen studies in the Papilionatae being conducted here at the University of Texas, I am working on a dissertation involving the pollen morphology of the tribe Phasealeae. My work also includes developmental studies, and Dr. Larson is carrying on a parallel Electron Microscope study.

I understand from Dr. Marshall Johnston that you are working on the taxonomy of this group. I wonder if you could advise me of the sections and generic inclusions of this tribe. If so, would you send me this information. Also, could you give me any help in obtaining pollen material. We have some collections from the Chicago Museum of Natural History. If you can give me any aid in obtaining material, I will send you a list of the specimens I have on hand to avoid duplication.

Dr. Larson advises me that any information obtained from this study will be available to you with the understanding that its primary function is as a dissertation.

Any assistance that you can give me will be greatly appreciated.

Sincerely.

W.D. McBuyde

W. D. McBryde

WIM:bh

ATR MAY L

Prof. Dr. H. Merweiller Botanische Staatssammlung Menzinger Strasse 57 München 19, Germany

Dear Prof. Dr. Meroutiller:

May we borrow your American material of the genus Ormosa (Leguminosae). Dr. Velva 5. Rudd of our staff has nearly finished a revision of the New World species of this genus and feels it would be far from complete without your specimens. She should be able to annotate and return the loan in a few months.

Thanking you for your kind attention, I remain

Sincerely yours,

Lyman B. Smith Curator Division of Phanerogams

LP-369 36 sheats

L PSmith: cm

AIR MAIL

Dr. Eigi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Casa del Lago Chapultepec. D. F.

Dear Dr. Matuda:

Thanks to the help of some of my colleagues, I can now send you a few more determinations of your plant collections, as indicated on the attached list.

You will please note that we have added two "a" numbers. In the case of Eleocharis, the two species were mixed, and I arbitrarily separated and labeled them. There were two composite collections with the number 19615, so one of those was designated with "a", as listed.

Eventually, we will find names for the remainder of the lot.

Best wishes to you and Ipomoea.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

P-1523

VERudd: cm

E. Matuda - Plants of Mexico Mus. No. 209223 Reported by the U. S. National Museum, May 1961

Determined by H. K. Svenson

29707 Eleocharis schaffneri Böck. 29707a Eleocharis minima Kunth

Determined by B. G. Schubert

31580 Desmodium jaliscanum S. Wats.
31786 " " " "
31787 " strobilaceum Schlecht.

Determined by K. F. Parker

18524 Eupatorium odoratum L.
19376 Flaveria trinervia (Spreng.) C. Mohr.
19381 Zaluzania augusta (Lag.) Sch.-Bip.
19609 Parthenium hysterophorus L.
19615 Viguiera excelsa (Willd.) B. & H.
19615a Zaluzania augusta (Lag.) Sch.-Bip.
19629 Montanoa tomentosa Llav. & Lex.
19639 Haplopappus venetus (H.B.K.) Blake
32206 Sabazia anomala Greemm.
32223 Montanoa arborescens (DC.) Sch.-Bip.
32269 Guardiola platyphylla A. Gray

OKLAHOMA STATE UNIVERSITY

College of Arts and Sciences College of Agriculture

BOTANY & PLANT PATHOLOGY

STILLWATER May 13, 1961

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

Dear Dr. Rudd:

I hope that you have not again been ill. I have been fairly well, myself, since frecovering from my illness last August. Enough so that I think I'll make another trip in Mexico this coming August.

If you have had time to identify any of my last small shipment of Mexican plants, their determinations will be most welcome, even if all afen't done, so I can take care of my duplicates before coming in with another 800 or 1000 numbers.

With best regards,

Sincerely yours U.T. Waterfall U. T. Waterfall

may (5,196)

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

MATUDA HERBARIUM

(INSTITUTO BIOLOGICO)

Apartado Postal 29864 - México 18, D. F.

Dr. Velva E. Rudd, Washington D.C. May 16/61 195...

> 16 plants identifications by may 1961

Best wishes to Dr.Parker

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 Eizi Matuda

Dear Marshall:

Your letter of May 16 in behalf of Larson and McBryde received. I'm sure that they are fine chaps, but as you know, I am a little leery of getting involeved again with importunate Texans! What is the matter with your and Billie Turner's teaching them taxonomy ? We are being increasingly overwhelmed with being asked to drop everything and help students with all sorts of projects, from Boy Scout twig collections to graduate theses, while the teachers go fishing, or something. (We had one of the local profs send his whole flock a few days ago with a whole list of things to look at. tea, coffee, etc. etc. The guy had never been here and apparently assumed that we had exhibits like those at Chicago. Also, he gave us no warning that he was sending the crowd. Meanwhile, he went out of town. The payoff was that the Sunday paper carried a feature story on this biology prof who spends his spare time going off to paint -- complete with beard ! Dick Cowan bore the brunt of that attack, and was not amused.)

I'll be glad to help within reason and the call of duty, but
I also would like to get a little something done on my own projects.
At the rate I am going, I will be lucky to get out of the Sophoreae.
The tribe Phaseolese is far in the future.

Glad to hear that you have made up your mind on Zizyphus, and

I will annotate the folders appropriately. I have been doing similar soul searching in connection with Ormosia, Ormosiopsia, etc.

I am going up to Harvard next week to see if the academic atmosphere will help.

Season's greetings,

Hunt Institute for Botanical Documentation

May 23, 1961

Mr. W. D. McBryde Department of Botany The University of Texas Austin 12, Texas

Dear Mr. McBryde:

I have your letter of May 4 and also Dr. Marshall Jornston's follow-up letter in your behalf.

First of all, I am not yet actively working on the tribe Phaseoleae. I have had so little research time that I am still way back on the Sophoreae. However, eventually, I hope to get to the far end of the papilionoid legumes. As to sections and generic inclusions, I suggest that for your major framework you follow Taubert in Engler and Prantl, "Die Natürlichen Pflanzenfamilien", III, Teil 3: 356-388. 189h. Dr. Billie Turner is a specialist in the Leguminosae and should be able to give you taxonomic advice.

We can perhaps give you some help with pollen material, but both time and specimens are limited. Your project sounds interesting. Best of luck!

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:mt

June 13, 1961

Prof. Dr. H. Merxmüller Botanische Staatssammlung Menzinger Strasse 67 Munchen 19, Germany

Dear Prof. Dr. Merxmüller:

I enclose your receipt for the loan of 36 Ormosia for study by Dr. Velva E. Rudd. She thinks she will be able to return it shortly as her studies are nearly complete. Thank you for making this important material available for her monograph.

Sincerely yours,

Lyman B. Smith Curator Division of Phanerogams

Enclosure

LBSmith:mt

LP-367



THE UNIVERSITY OF ARIZONA

TUCSON

COLLEGE OF LIBERAL ARTS

June 13, 1961

Dear Doctor Rudd:

Thank you very much for the papers that are greatly appreciated and useful. I haven't really been on many field trips since seeing you in Mexico last fall. I am working now on my Fh. D. and various papers concerning flora and vegetation in northwestern Mexico. I believe that I have a good number of specimens of the legumes which you are interested in. I am beginning to go through my collections, organizing and identifying them, and in due time I will notify you if I find anything that would be of interest to you.

Is it possible for you to check to see if there are any specimens of Cepheloceaeus lencocephalis (Cactaceae) in the National Herbarium with flowers or fruit from the State of Sonora or practically immediately adjacent areas in Chihuahua or Sinalca. I would also like to know if there are any specimens of Dicon, probably classified as D. purpusii or D. edule (Cycadaceae) from Sonora or immediately adjacent areas with cones. I have abundant sterile material of both of these but yet lack flowers or fruit.

If you see Doctor Parker please say 'hello' for Doctor Lowe and me.

The weather here is lovely - 1000 and extra, extra dry.

Richary Filgh

Richard Felger

Doctor Velva Rudd U. S. National Herbarium Smithsonian Institution Washington, D. C.

RF:d

Mr. Richard Felger Department of Zoology The University of Arizona Tucson, Arizona

Dear Dick:

In answer to your letter of June 13, I find that we have one collection labelled as "Dioon purpusii Rose?" from Sonora that has a couple of fuzzy cone scales, but no flowers or fruit. That is Gentry 2955 collected at Quirocoba, Rio Fuerte, in forested canyon bottom, Oct. 22, 1936. The scales are about 8 cm. long with blunt tips.

As to <u>Gephalocereus leucocephalis</u>, we apparently have only sterile material, nothing more recent than 1910.

Best of luck in your projects. When Dr. Parker comes in, I will deliver your greetings.

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

Department of Botany Smithsonian Institution Washington, D.C.

Gentlemen:

Would you be so kind as to identify the two enclosed plant specimens ?

- 1. Evergreen, white blossoms. Hardy in Manchester, N.H. "Most of 5' wide plant is 6"-8" high, maximum 1'. " (a heather, cult.?)
- 2. Yellow-flowered - ? ? ? wildflower

"When it first comes out it is greenish yellow, getting greener as itages - it grows in great lots like milkweed, which I thought it was because of its juicy white sap - about la to 2 feet tall in rocky dry soil. I imagine it must grow in Vermont if it grows here in Northern Michigan." Saulte Ste. Marie.

(not known here. Euphorbia?)

I enclose an envelope for reply. We, and our two inquirers, shall all be most grateful !

Very truly yours

1. Callena valgaris (1) Hall

2. Euphortia esula L.

Miss Elizabeth L. Clarke Putney, Vermont

Dear Miss Clarke:

The two plant specimens that you sent for identification are as follows:

- Calluna vulgaris (L.) Hull, Scotch Heather, cultivated or naturalized from Europe.
- Euphorbia esula L., Leafy Spurge, a weed introduced from Europe.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

2025 Mission ave. Carmichael, Calif Sept. 2, 1961 Dear Velva It is surely lovely of you to send me birthday greetings Today is my 71st and 9 am quite week but terribly lonely for my botamed friends we washington. 9 beef collecting horb. specimens here and 9 think they will be ginte welcome out the Nat. Herb. Perhaps there are some tropical things have that come in from Latin Omorine In a box that had been forwarded to my neplaces from washington were at lot & magazine and require and The Creed a brigh going over them, Several of my

Cuban collections are cited, bringing back monion of my days in Harvaire an on the Hole of Pines, associats of the recent death of Hemmenway recelled our beer-drubbing at a lable in front of the Capitolio un Havana. Sive Mrs. Berger my hest and thank her for the greetings. Ora ever Buldie E.P. Killings

232880

October 10, 1961

Dr. U. T. Waterfall Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

Your patience and restraint are admirable. I am sorry not to be able to send you a complete list of determinations as yet, but here are the names, to date.

I am glad to hear that you were able to get into the field again this summer, in spite of surgery, and I look forward to seeing your collections.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:om

U. T. Waterfall - Plants of Mexico U. S. Natl. Missum No. 232860 - October, 1961 Determined by V. E. Rudd unless otherwise noted

```
12672 Calochortus venustulus Greens
  12688 Psacalium consattii (Robs. & Greenm.) Rydb. det. K. F. Parker
  12723 Crotalaria eriocarna Benth.
 12763 Tragoceros mociniamus A. Gray
12826 Trianthema portulacastrum I.
12827 Trianthema portulacastrum L.
 12852 Haplophyton cimicidum A. DC.
 12905 Calliandra reticulata A. Gray
 13580 Habenaria clypeata Lindl.
 13581
 13592 Carex xerantica Bailey (new to Mexico) det
13610 Anthericum stemocarpum Baker ? (group needs study.)
                                                            det. F. J. Hermann
 13645 Carex leucodonta Holm (first Durango record) det. F. J. Hermann
 1372h Verbesina cf. longifolia A. Gray
                                                            det. K. F. Parker
 13764 Sanvitalia procumbens Lam.
                                                            det. K. F. Parker
 13809 I pomo ea
 13849 Verbesina mollis H.B.K.
                                                            det. K. F. Parker
 13902 Schkuhria schkuhrioides (Link & Otto) Thell.
                                                            det. K. F. Parker
 13924 Tetramerium hispidum Nees
                                                            det. E. C. Leonard
 13994 Aristolochia subclausa S. Wats.
 Lholl, Schkuhria wislizeni A. Gray var. wislizenii det. K. F. Parker
 14219 Canavalia mexicana Piper ? (our material still out on loan to Univ. of
           Wisconsin. Duplicate of this number previously det. as C. villosa Benth.)
 14222 Bidens pilosa L. var radiata Sch.-Bip.
                                                           det. K. F. Parker
 14236 Bomarea e dulis (Tussac.) Herb.
15394 Ruellia mudiflora (E. & C.) Urb.
                                                           det. E. C. Leonard
1543la Xanthocephalum sericocarpum Gray
                                                            det. K. F. Parker
15452 Geranium subulato-stipulatum R. Knuth
15464 Cyperus seslerioides H.B.K.
15473 Geranium subulato-stipulatum R. Knuth
15479 Habenaria clypeata Lindl.
15480 Calochortus venustulus Greene
15483 Lotus sp. (cf. Hosackia mericana Benth.)
15490 Lupinus of. montanus Schlecht.
15499 Epilobium maysillesii Munz
                                                           det. P. A. Munz
15514 Habenaria clypeata Lindl.
15515 Guardiola platyphylla A. Gray
                                                           det. K. F. Parker
15525 Verbesina serrata Cav. var. pringlei Robs. & Greenm. det. K. F. Parker
15557 Hhynchosia macrocarpa Benth.
15610 Heliopsis annua Hemsl.
                                                           det. K. F. Parker
15611 Lupinus (our material on loan to D. Dunn)
15615 Zinnia haegeana Regel
                                                           det. K. F. Parker
15617 Zexmenia ceanothifolia (Willd.) Sch.-Bip.
                                                          det. K. F. Parker
15652 Gnaphalium purpureum L.
                                                        det. K. F. Parker
15670 Helenium mexicanum H.B.K.
                                                           det. K. F. Parker
15683 Viguiera dentata (Cav.) Spreng.
                                                          det. K. F. Parker
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232880

15707	Zaluzania robinsonii Sharp	det. K. F. Parker
	Zaluzania robinsonii Sharp	det. K. F. Parker
	Helianthus laciniatus A. Gray	det. K. F. Parker
	Viguiera dentata (Cav.) Spreng.	det. K. F. Parker
15759	Viguiera dentata (Cav.) Spreng.	det. K. F. Parker
15774	Porophyllum scoparium A. Gray	det. K. F. Parker

P. 2018 October 11, 1961 Mr. David R. Hunt The Herbarium Royal Botanic Gardens Kew, Richmond Surrey, England Dear Mr. Hunt: Here are a few more names for you. I am trying to give your collection top priority, but my good intentions are daily disrupted. Your specieons are very interesting. In some cases they seem to be adding new records for British Honduras, and in others, they are providing additional material of rare spacies. I am now working on Cyperus, which is a little tedious. With luck I will send you another list soon. Sincerely yours, Velva E. Rudd Associate Curator Division of Phanerogans Enclosure (25) VERMING : cm **Hunt Institute for Botanical Documentation** David R. Hunt - Plants of British Honduras U. S. Mational Museum No. 228969 - October, 1961 Determined by Velva E. Rudd unless otherwise noted

Galactia anomala Lundell Phaseolus linearis H.B.K. Stylosanthes guyanensis (Aubl.) Sw. Zornia reticulata Sm. ? 35 Centrosema virginiana (L.) Benth. 145 Tephrosia nitens Benth, ex Seem. Crotalaria sagittalis L. var. fruticosa (Mill.) Fawc. & Rend. 175 Eleocharis elegans (H.B.K.) R. & S. Desmodium axillare (Sw.) DC. var. acutifolium (O. Ktze) Urb. Det. B. G. Schubert Calactia striata var. tomentosa (Bertol.) Urb.? 214 Crotalaria nitens H.B.K. 216 Crotalaria pumila Ortega ? 219 Zormia reticulata Sm. 234 Canavalia villosa Benth. Crotalaria vitellina Ker. var. schippii Senn? 267 Dioscorea bernoullians Prain & Burkill Det. B. G. Schubert 290 Galactia striata var. tomentosa (Bertol.) Urb? 299 Tephrosia beligensis Lundell 304 Phaseolus gracilis Poepp. Det. H. K. Svenson - CR. WE 377 Eleocharis pachystyla (C. Wright) Clarks 379 Eleocharis elongata Chapm. Det. H. K. Svenson 394 Diphysa carthagenessis Jacq. 415 Eleocharis maculosa (Vahl) R. & S. Det. H. K. Svenson 445 Eleocharis minima var. bicolor Svenson 11 11 11 455 Scleria muhlenbergii Stend. Det. E. L. Core

Ferns: Det. C. V. Morton

355 Lygodium volubile Swartz

408 Lophosoria quadripinnata (Gmelin) C. Chr.

412 Blechnum serrulatum Rich. 428 Anemia flexuosa (Sav.) Sw.

466 Lindosaea stricta (Sw.) Dryander

The Herbarium, Royal Botanic Gardens, Kew, RICHMOND, Surrey, England.

17 October 1961

Dr. Velva E. Rudd, Dept. of Botany, Smithsonian Institution, U.S. National Museum, WASHINGTON 25, 8.C.

Dear Dr. Rudd,

Thank you for your letter of 11 October enclosing further determinations. I am glad you find the specimens interesting and wonder if in passing you could note for me which are new records for British Honduras. At present I am relying on the Flora of Guatemala, but I know that (without wishing to criticise it) this work is not only incomplete but has some B.H. records omitted in what has already been published.

Concerning my nos. 26 & 219, I am quite certain that these represent very distinct species, though I admit the dried specimens are fairly similar. Both species grow in the sandy pine uplands, 26 being the more common and somewhat variable. It is however always erect and branches very little, often not at all, and only the lowest leaf has broad pinnae. 219 on the other hand forms a prostrate, thickly matted growth, the stems branching and interlacing. I do not have the specimens here, but I seem to recollect that all the leaves have +broad pinnae, and (perhaps I am confusing this with something else) there is a red flash on the standard. I noted one or two less usual forms of 26, but there could never be any confusion with 219. Without the specimens, I am unable to use Mohlenbrock's monograph of Zornia (Webbia, 16, 1-141, 1961) very intelligently. Perhaps Mohlenbrock would be willing to give an opinion on my specimens.

Very best wishes,

Yours sincerely,

David R. Hunt

UNIVERSITY OF NORTH DAKOTA

DEPARTMENT OF BIOLOGY GRAND FORKS We had

Ocx. 18, 1961 Nr. Velva E. Rudd, Arsh. Curator, Dept. of Pootany, Southsomen Distitution, U. S. national Museum,

Washington 25, D.C.

hlear. Wr. Rudd, Rather than foundand specemens for fossible identification by a member of the bouthouse staff without prior information as to whom to send in I should like your opinion. One of the Geology students is working on post glacial material from a 6' = auger loving where opruse was previously located. The deposit, in me Intosh Co., rests on glacio- fluvial deposits. He hopes to. associate to fauna and flora with demaile. I have examined the deposit and apparently moss makes up the luck of the loose, flaky material. a few sporangia weeke found but most of the specimens lack those. It is the consensus that these openies are living to-day hence would not be of interest to a palestotament? Any assistance which you can gine this young man moned be

greatly appreciated. - also, should Hunt Institute for Botanical Documentation

UNIVERSITY OF NORTH DAKOTA

DEPARTMENT OF BIOLOGY
GRAND FORKS

you locate an interested Bryalogist for us. I do have a few specimens of M. M. Mosses - funting which I would be willing to give himmher. However, they are from the Red River Valley and could meet be the Common deciduous forest forms.

My last AIBS. Freed hips

Mere from Shelw ater Okla. to which

the Brology rept. ment almost in its

Intrety. Ine of our staff ment to the

Purdue meetings while en poute to.

Italy where he presented a paper on

meet behavior. — At the present

time me are in the process of ex
pauding into the Chemishy Brueding

while the Chemisto have moved into

their weently completed Abbott Hale.

Mith kind keyands.

Hunt Institute for Botanical Documentation



OKLAHOMA STATE UNIVERSITY . STILLWATER

Department of Botany and Plant Pathology FRontier 2-6711, Ext. 550, 551

October 20, 1961

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

Dear Dr. Rudd:

Please accept my appreciation for the loan of the material. The delay in the reply is due to the following information, I wanted to convey for which I could not get enough time.

After looking though materials from various herbaria (including Smithsonian Institute) I am now certain that Var. ovata is a different species. I have experimental evidence in its support. It does not even cross with S. Brevifolia. I intend to send some fresh material to Dr. Matuda only to know that he did not describe it as S. jaumavensis. The type of this plant is missing from New York Botanical Gardens. As soon as I get it confirmed, I shall inform you about it. I would feel it my duty to provide to your instition all the information regarding this study, because I am sure, this work I could not have carried on without the help of your herbariun.

The other material that you have sent is certainly not <u>Setcreases</u>.

<u>leindra</u>, neither it is in this genus. I do not know much about the plants of the New world except <u>Setcreasea</u> and <u>Heliotropium</u>, therefore, I would not try to identify this specimen.

With many thanks,

shamma . Famp

SHAMIN A. FARUQI

SAF/vj

Dr. Vera Facey Department of Biology University of North Dakota Grand Forks, North Dakota

Dear Dr. Facey:

It is nice to hear from you after all these years. I have skipped the last few A.I.B.S. meetings in favor of the Mexican Botanical Congress a year ago, and the Montreal meetings in '59. I do have my eye on Corvallis in '62, and perhaps will see you there?

As to your mosses, I have checked with our Cryptogam Division, and get the suggestion that you ask Dr. Howard Crum (National Museum of Canada, Ottawa, Canada) if he might be interested. Our bryologist, Bob Ireland, is trying to finish some work leading to a degree and feels that he should not undertake additional projects just now.

I am glad to know that someone is working on that early post-glacial stuff. If I were in North Dakota, I would want to be in on it, too.

Greetings to the Wheelers.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: om

Dr. Velva E. Rudd
Department of Botany,
U. S. National Herbarium,
Smithsonian Institution,
Washington 25,
D. C.,
U. S. A.

Dear Dr. Rudd :

Please accept my hearty thanks to you for your kind sending containing three copies of your papers, entitled " A revision of the genus Chaetocalyx,"

" A new species of Ormosia from British Honduras and Emendation," and " Supplementary studies in Aeschynomene I: Series Viscidulee, including a new species and five new varieties." The mail has reached here to me on September 25th in good condition, and these copies together form a fine addition to my library and will facilitate my study very much in future. I know that it is important to compare always both the New World and Old World species in a floristic investigation.

Thanking you again, I remain,

Yours sincerely,

Dr. Masami Mizushima Makino Happarium, Metropolitan University, Fukazawe-1., Setagaya,

Tokyo, JAPAN Mest Hirginia Hniversity
COLLEGE OF ARTS AND SCIENCES
MORGANTOWN

DEPARTMENT OF BIOLOGY

November 7, 1961

Curator of Phanerogams U. S. National Herbarium Smithsonian Institution Washington 25. D. C.

Dear Sir:

Attached is a specimen of <u>Eriophorum</u> which did not seem to fit the description of <u>E. yirginianum</u> L. to the satisfaction of the collector. Would you check it and see if it could be another species? I have put two labels with it. Just mark the duplicate and return it to us when you find time to check the specimen.

Sincerely,

Elizabeth Ann Bartholomew
Herbarium Assistant

verginiam

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE, ILLINOIS

November 9, 1961

Dr. Velva Rudd Associate Curator Department of Botany Smithsonian Institution Wasnington 25, D. C.

Dear Dr. Rudd:

Thanks for your comments. Zornia reticulata, Z. gemella, and Z. curvata represent a bad complex. I changed my mind several times about their disposition. In general, 3 basic groups occur. (1) Z. reticulate-usually with overlapping bracts and a reticulated loment which is included or exserted from the bracts by 1-2 articles. (2) Z. gemella-with an interruped inflorescence with long exserted, usually non-reticulated articles. (3) Z. curvata-with an interrupted inflorescence and a strongly curved lomentum.

I am sorry about listing Pittier 4846 and 9680 twice. I had watered from one determination to the other. Then, when I finally decided on one binomial, I failed to remove the specimen from the other list.

Sincerely

Robert H. Mohlenbrock Assistant Professor

Botany Department

RHM: mmb

AIR MAIL

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

Dear Mr. Hunt:

Our copy of Webbia finally arrived (followed by a reprint from the author) and I have been struggling with Zormia, with increasing frustration. I have checked your specimens against the key as well as against annotated sheets. Your No. 26 (with narrow leaflets) matches exactly with Lundell 6745, and your 219 (with broad leaflets) compares well with Eartlett 11704 (unfortunately, like yours, with only immature fruit). Those two collections are also from Mountain Pine Ridge, El Cayo, and have been annotated by Mohlenbrock as Z. reticulata. As is stated on page 92 of the monograph with reference to Z. reticulata, "nearly every degree of variation occurs." The two species Z. curvata and Z. gemella seem to be uncomfortably similar. The Argentine material annotated as Z. gemella has labels of Z. reticulata showing through. Some of the Z. curvata citations are repeated under Z. reticulata!

At the risk of suggesting professional jealousy, I feel that it would serve no useful purpose to send your Zornia collections off for further annotations, but rather to continue to use the name Z. reticulata with a query, or "vel aff."

Eventually, in connection with treatments of the Leguminosae of Mexico and of the Yucatan Peninsula, I will be forced to scrutinize Zornia more fully. Whether or not I can come up with better names remains to be seen.

In the future, I will try to make notations of your new records for B. H. As I recall, your 377, Eleocharis pachystyla, represents

a range extension. Our previous material is from Costa Rica and the West Indies. The two Lundell legume species, your 5 and 299, are known only from the type or so.

I have been bogged down with other chores but hope to send you a few more names next week.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

When I thanked Dr. Mohlenbrook for his $\underline{\text{Zornia}}$ reprint, I mentioned that I had had trouble with $\underline{\text{Z}}$. $\underline{\text{reticulata}}$, etc., and also that I had noticed duplication in a few citations. Following is an excerpt from the reply that I just received:

"Zornia reticulata, Z. gemella, and Z. curvata represent a bad complex. I changed my mind several times about their disposition. In general, 3 basic groups occur, (1) Z. reticulata-- usually with overlapping bracts and a reticulated loment which is included or exserted from the bracts by 1-2 articles. (2) Z. gemella-- with an interrupted inflorescence with long exserted, usually non-reticulated articles. (3) Z. curvata--with an interrupted inflorescence and a strongly curved lomentum.

I am sorry about listing <u>Pittier 4846</u> and <u>9680</u> twice. I had waivered from one determination to the other. Then, when I finally decided on one binomial, I failed to remove the specimen from the other list."

In still confused!

VERudd: cm

Mrs. L. Bert Nye 3002 32nd Street, N. W. Washington, D. C.

Dear Mrs. Nye:

The plant specimen that you sent for identification is Hypericum gentianoides (L.) B.S.P., commonly known as "pineweed" or "orange-grass."

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

Mrs. L. Bert Trye 3002-32nd. St. n. w. Teay Xir. Ebill you kindly name the enclosed plant? We found it near Lynchburg Va glabriflora and Cimeline basilicism. Very truly yours, Dr. 7. kye Harry Hanks

Volle de Brave México

November 194/1961

Dr. Volva 7. Rudd Cuestro States National Herbaricuse Lealington 25,DC

Dear Doetor Tredd:

the Sentituto Exploración entervión. Il second to me that a quad deal of it should viscosfoly be disconded. I hope temp que it off fairly soon, with visue. In regard to the latter the faling discouraged. It had secured possible to latter the poliny discouraged. It had secured possible to be less terms recounted properly, but I blood have human better. The intraction at the sentituto Herborium is rad indeed. There's no money for bramed herborium technicaies, and no far as I can see the good possible to properly botamies were not only hard pushed to leave a living, but also off on complicator questical apprehicator of their own.

Jan arling tun not & rend you the you have to blants rent you for exaccination by truette Barter - for there's a good closure that the

Hunt Institute for Botanical Documentation

ofecimens (left in a pile on floor) be came mixed. I hope to refolece them next year, and will the read, for your use, the notes of what account to be true differences. But perhaps would be here, to half collect theme! That would be fine.

After looking up Orwario and David in Landon I recured unlikely that I'd be able to do our confusion collectur for you. However Dies going to rac of O. mexicans in in the Herbarium, and then here booking, and of course Oil field other applicans of your queera.

Agains may tracks, and two of

Professor Martera as wall-

Suicerely, Olive Brown AIR MAIT.

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Casa del Lágo Chapultepec, D. F.

Dear Dr. Matuda:

While I was putting away your Ipomoea loan and comparing some other material of I. crassicaulis, I came upon a reference to O'Donell's paper on I. fistulosa vs. I. crassicaulis. Apparently, he is correct that I. fistulosa is the older name and should be used.

Dr. Miranda does not remember if you have the publication in your library, so I am enclosing a copy of the paper for you.

Dr. Custrecasas has just returned and says that he enjoyed meeting you.

Greetings to all.

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:cm

Dr. Bassett Maguire The New York Botanical Garden Bronx Park New York 58, New York

Dear Bassett:

As Lyman may have mentioned to you, I plan to be in New York next week to look at Dussia and Ormosia. I still have about one half of your Ormosia, and now I should like to check and annotate the rest of the material before finishing my manuscript. I hope, also, that there may be some more recent collections that I have not yet seen.

Please reserve for me a spot of table top, beginning Monday morning, the 4th.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogans

VERudd: cm

INSTITUTO DE BIOLOGIA

Universidad Nacional Autónoma de México. C. U., México 20, D. F.

Desc. 5 1961

Dr. Velva E. Rudd Washington D C.

Dear Dr. Rudd;

Thank you very much your kind suggestion on O'Donell s paper which we have lacked. In the other paper I have been overlooked his citation 5 fasc. 1945 and fide the other all citation as Benth: voyage 1944 and I did not know fasclo 5 publication 1945.

Thank you also your kind finding out one sheet of Chicago Museum and send back it to them safe ty. Your kindness as such most highly appreciated. Thank you again,

With best wishes and kindest concerns

I beg to remain your most sincerely

Eizi Matvda

Hest Hirginia Huttersity COLLEGE OF ARTS AND SCIENCES MORGANTOWN

DEPARTMENT OF BIOLOGY

January 10, 1962

Curator of Phanerogams U. 5. National Herbarium Smithsonian Institution Washington 25, D. C.

Dear Sir:

On November 7 I sent you a specimen of <u>Eriophorum</u> which did not seem to fit the description of <u>E. virginianum</u> L. to the satisfaction of the collector, Roland Guthrie. Should this be a new one for our State Dr. Core would like to include it in the last portion of our <u>Flora</u> which is now being prepared for printing. I have no record of receiving a reply from you on this identification. If possible would you let me know what the determination of this specimen might be.

Sincerely,

Elizabeth Ann Barthalanew

Elizabeth Ann Bartholomew Herbarium Assistant Miss Elizabeth Ann Bartholomew Department of Biology West Virginia University Morgantown, West Virginia

Dear Betty:

As you can see by the enclosed label, the specimen of Eriophorum that you sent for checking looks like E. virginicum to me. It runs down to that in Fernald's key and it matches a pigeonhole of specimens so named. I can't imagine any other possibilities.

Sorry that you had to send the follow-up letter. When the specimen was added to the heap on my desk, the package was already opened and fumigated, and I assumed that all other preliminaries such as acknowledgment had been attended to. Most of the time the U.S. stuff comes to me sooner or later, so you might as well address the packages to my attention in the first place. Mr. Leonard, who has done a lot of the W. Va. determinations in the past, especially for Dr. Allard, has now reached retirement age and will thus be exempt from routine chores.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:cm

Mest Birginia Hnibersity COLLEGE OF ARTS AND SCIENCES MORGANTOWN

DEPARTMENT OF BIOLOGY

January 20, 1962

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

Dear Velva:

Thank you for your letter of January 18 and the determination. I agree with you on it. I saw nothing different, but to be sure I sent it on to you to satisfy the collector.

There is a possibility of having a Phi Epsilon Phi meeting there at George Washington. I hope we can make it and if I get to come along I'd love to see your "workshop". I have never seen that institution on the inside. I might get some ideas that I would be able to use here to make things progress more smoothly.

I went up home Christmas for a few days, and while gone, along came a heap of mail that I haven't uncovered yet. I hope to spend the whole day answering requests and other letters received.

Best of luck to you.

Sincerely,

Elizabeth Ann Bartholomew Herbarium Assistant

P. S. Should you run on to some "active life pills" let me know.
I could use some on our Phi Epsilon Phi members. They
have the notion that things happen automatically.

ean

3002 32nd St. N. W. Washington 8, D. C.

February 5, 1962

Miss Velva B. Rudd Smithsonian Institution Washington 25, D. C.

Dear Miss Rudd:

Thank you for the information on the sample of pine I sent you, (Pinus excelsa Wall). I do not have the address of its location in Georgetown, but you may be interested to know that I have since located another specimen of this pine. It is a large and beautiful tree, covered with handsome cones. If you are interested in examining the tree it is easily reached, being located on U. S. Government property just northwest of the Lincoln Memorial, (see enclosed map).



February 6, 1962

Dr. T. G. Yunekur Department of Botany DePauw University Oreancastle, Indiana

Bear Dr. Tuncker:

We are mending you for determination 20 shouts of Herican Piperaceae. Two of the specimens are the unicates that Mr. King mentioned to you. The other 18 are odds and ends that I am slipping in, hoping to take advantage of your good meture. You may have seen duplicates of some, but our sheets will be more useful with your annotations.

Many thanks and season's greetings.

Sincerely,

Velva E. Rudd associate Surator Division of Phanerogams

Enclosure

VERudd:on

Mrs. L. Bert Nye 3002 32nd Street, N. W. Washington, D. C.

Dear Mrs. Nye:

Thanks for your note, with map. I pass that group of pines by the Lincoln Memorial every day but usually traffic is too exciting for me to notice the scenery. However, I will make a point of walking by one day. (I believe that somewhere in my archives I even have kodachromes taken in the area).

Shortly after I mailed the letter to you, I spoke to Dr. E. L. Little of the U. S. Forest Service and mentioned my determination. He alerted me to the fact that there are two other synonyms of Pinus excelsa, P. wallichiana A. B. Jackson and P. griffithii McClel. The latter he now believes is the correct name for the species.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:cm

February 12, 1962

Dr. Harold E. Moore, Jr. L. H. Dailey Hortorium Cornell University Ithaca, New York

Dear Hal:

We are sending you on loan for determination, five palm specimens. One is the Chammedorea? collected by King, the other four are some odds and ends from Panama for which I should appreciate generic names, if possible, and thus locate the rest of the material of suid numbers.

If the Ming sheet is something that you want to keep with the rest of your <u>Chamaedorea</u> loan, please do so.

Best of luck to you.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERuod: cm

Dr. George H. Lowery, Jr. Museum of Zoology Louisiana State University Baton Rouge 3, Louisiana

Dear Dr. Lowery:

About three years ago I named for you (or your students) a sizeable lot of plants from British Honduras, most of which were returned for future reference. I have no idea what continuing use you are making of the material or how interested you are in corrections of determinations.

Among the few sheets of duplicates that I kept, were two-Lancaster 32 and 53, which I reported as Astronium graneolens Jacq.? ("Bitterwood"). Recently, Dr. F. Miranda, from the University of Mexico, who is spending some months here, has recognized the two collections as unusually dentate specimens of Vatairea lundellii (Standl.) Killip, a member of the Legume family.

The enclosed reprint cites another Legume collection, Lancaster 24, which I was glad to have, as it furnished me the clue to solve the problem discussed in this paper.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:CM

LOUISIANA STATE UNIVERSITY

AND

AGRICULTURAL AND MECHANICAL COLLEGE

MUSEUM OF NATURAL SCIENCE

8 March 1962

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

Dear Dr. Rudd:

I thank you very much for the additional information sent to me concerning British Honduran plants. I am turning over this information to Drs. Lancaster and Russell, each of whom are preparing their doctoral dissertations for early publication.

I am very glad that the collections that our students made, and which you so generously identified, have proved useful to you.

With best good wishes,

Despethous 8.

George H. Lowery, Jr.

Director

GHL:ajf

L. H. BAILEY HORTORIUM

NEW YORK STATE COLLEGE OF AGRICULTURE
A UNIT OF THE STATE UNIVERSITY

CORNELL UNIVERSITY

ITHACA, NEW YORK

Mar 9 1962

Dr. Velva E. Rudd, Associate Curator Smithsonian Institution U S National Herbarium Washington 25, D. C.

Dear Velva:

I have returned the loan slip on the five palm specimens separately. King and Soderstrom No. 4849 is a species of <u>Chamaedorea</u> but as I wrote Mr. King earlier I am not prepared to go further at the moment. I would like very much to retain this sheet (No. 2364447) with the other Chamaedorea materials for study.

The best I can do on the Cook specimens is to guess and on No. 35 I can't even do that. Without additional material the sheet is quite valueless in my humble opinion. No. 49 may represent a species of the several since it comes from Panama City I would suppose it to be one of the several things that are cultivated in the fanal Zone but very frankly I don't know the materials well enough to dare risk anything further on the basis of such scrappy material. The Elmore specimen H22 is Carludovica, probably C. palmata.

Should you not find the remainder of No. 49 under Oenocarpus you might also look under Buterpe.

(59)

Most sincerely,

Tal

Harold E. Moore, Jr. Director

HEM/f

P.S. Four of five oferineus are being returned. I finally ded guess Royatonea m 35

P.c. thanks 1962

232880 March 22, 1962

Dr. U. T. Waterfall Botany & Plant Pathology Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

With the aid of my colleagues, I have managed to accumulate a few more names for your specimens. The more recent lot, plus the remainder of this one, will be finished eventually, but not immediately, as I expect to be away for about a month on field trip and vacation.

Best wishes and season's greetings.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:cm

U. T. Waterfall - Plants of Mexico U. S. Matl. Museum No. 232880 - March, 1962 Determined by V. E. Rudd unless otherwise noted

```
12856 Hermannia pauciflora S. Wats.
 13663 Conyza microcephala Hemsl. - Det. K. F. Parker
 13691 Stevia of, similans Hobs. - " " "
                                                       11 11 11 11
 137h3 Helianthella sp.
13703 Helianthelus sp.
13809 Ipomoea sescossiana (Baill. ( = I. pringlei Cray)
14085 Senecio sanguisorba DG. - Det. K. F. Parker
 1/2/1 Cissampelos pareira L.
 14287 Corchorus siliquosus L.
14304 Achyranthes indica (L.) Mill.
 14622 Ipomoea fistulosa Mart. ex Choisy
 153bl Sida lindheimeri Engl. & Gray.
 15370 Euphorbia stictospora Engeln. - Det. R. McVaugh
15377 Erigeron delphinifolius Willd. - Det. K. F. Parker
15411 Euphorbia biformis S. Wats. - Det. R. McVaugh
15472 Pinguicula caudata Schl.
15478 Viola hookeriana H.B.K. ?
15487 Eupatorium Lemmonii Robins. - Det. E. F. Parker
15519 Aster riparius H.B.K. " " " " "
15528 Acalypha of. brevicaulis Huell-Arg.
 15553 Euphorbia sp.
 1557h Ageratum corymbosum Zucc. - " " " 1561h Euphorbia hirta L. - Det. R. McVaugh
 15654 Conyza filaginoides (DC.) Hieron. - Det. K. F. Parker
15666a Stevia salicifolia Cav. var. stenophylla (Gray) Robins. Det. K. F. Parker
15706 Bidens pilosa L. var. calcicola (Greenm.) Sherff " " " "
15723 Brigeron calcicola Greenm. - Det. K. F. Parker
15748 Solanum nigrum var. americanum Mill. - Det. C. V. Morton
15780 Conyza coulteri Gray - Det. K. F. Parker
                                                   . 11 17 11
15790 Brigeron modestus Gray
```

228969

March 23, 1962

AIR MAIL

Mr. David R. Hunt The Herbarium Royal Botanic Gardens Kew, Richmond Surrey, England

Dear Mr. Hunt:

The determinations of your specimens still are not completed but I am sending you another interim list. I am about to leave for a combined business and vacation trip to Trinidad, Caracas, Panama, and California, so there will be a slight delay before I can get back at the job. Sorry to keep you waiting.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

CC: - Dr. C. L. Lundell

(53)

VERuddiem

David R. Hunt - Plants of British Honduras U. B. National Mussum No. 228969 - Harch, 1962 Determined by Velva E. Rudd unless otherwise moted

1. Conyma of . bonariansis L. Det. R. H. King 19 Merremia aturensis (H.B.K.) Hall f. 29 Cales trichotoma Donn. Sm. Det. R. H. King 34 Euphorbia glomerifera (Millsp.) L. C. Wheeler - Det. R. McVaugh W H 36 Oroton repens Schl. Inompes tuxtlensis Rouse hl Merrema cissicides (Lam.) Hall f. Epiphyllum strictum (Lem.) Britt. & Rose Turnera ulmifolia L. Hypericum styphilioides A. Rich. - Det. L. O. Williams N 11 11 11 fasciculatum Lam. T R. McVaugh 7h Euphorbia hirta L. 98 Cyperus unicloides R. Br. " haspan L. 100 106 Passiflora foetida var. lanuginosa Killip - Det. L. O. Williams 111 Bashinia herrerae (Br. & Rose) Standl. & Steyers. Det. F. Miranda 20 112 Leucaena guatemalensis Br. & Rose 10 113 Acadia angustissima (Mill.) Kuntze [fruit] 115 [fls.] 1132 - Det. L. O. Williams 120 Turnera ulmifolia L. Acacia angustissima (Mill.) Kuntas [fruit] 123 [fls.] 123a - Det. R. H. King 152 Melanthera hastifolia Blake 176 Cyperus luzulae (L.) Retz. 183 Corchorus siliquosus L. 188 Psidium salutare (H.B.K.) Berg. - Det. R. McVaugh - Det. L. O. Williams 209 Clusia salvinii Donn. Sm. 217 Turnera ulmifolia L. ? 228 Befaria discolor Benth. 233 Lechea terreyi var. congesta Hodgdon ? Det. L. D. Williams 2h0 Verbesina turbacensis H.B.K. 246 Jacquemontia simulans House 250 Rhynchospora cephalotes Vahl 254 Cyperus luzulae (L.) Retz. Det. R. H. King 269 Mikania cordifolia (L.f.) Willd. 287 Bidens squarrosa H.B.K. 323 Firtella racemosa Lam. 352 Emilia sonchifolia (L.) DC. 359 Neurolaena lobata (L.) R. Br. Det. R. H. King 11 11 11 11 n n n n 360 Vernonia argyropappa Busk. 363 Hybanthus calceolaria (L.) C. K. Schulze Dat. L. O. Williams 365 Hypericum aphyllum Lundell, ex char. 368 Cochlospermum vitifolium (Willd.) Spreng. 383 Paspalanthus sp. (sent to Moldenke) 399 Tripogandra grandiflora (Donn. Sm.) Woodson 400 Photinia microcarpa Standl.

416 Anthurius sp.
452 Termstroemia tepssapote Schl.
472 Lysiloma bahamensis Benth.
473 Hirtella americana L.
475 Erblichia odorata Seam.

Det. L. O. Williams

151 Vismis camparaguey Sprague & Riley

Det. L. O. Williams

492 Myrdia rufidula Schl.

Det. R. McVaugh

Cambridge Expedition to British Honduras 1959-60

Patron: H.R.H. PRINCE PHILIP, DUKE OF EDINBURGH

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W. H. THORPE, Esq., M.A., Ph.D., Sc.D., F.R.S. (Sen. Treasurer)

The Herbarium, Royal Botanic Gardens, Kew, RICHMOND, Surrey, England.

Dear Dr. Rudd.

Thank you for your letter of 23 March and the further determinations, also your letter of 13 November 1961 with comments on my Zornias. As you say, this genus is a very confusing one.

May I please have the remaining names as soon as possible? I am anxious to complete my papers and submit them for publication with little further delay.

I envy you your trip in the Caribbean and hope you will have an enjoyable and rewarding time.

With best wishes,

David R. Hunt

Dr. Velva E. Rudd, Smithsonian Institution, U.S. National Museum, WASHINGTON 25, D.C. U.S.A.

P-2078

April 16, 1962

Mr. Robert A. Novak RH Immunchematology Laboratory Mount Sinai Medical Research Foundation 2755 West 15th Street Chicago 8, Illinois

Dear Mr. Novak:

In my letter to you dated March 14th, you were advised that Dr. Velva Rudd of the Smithsonian's Department of Botany would attempt to procure seeds of Bauhinia purpurea L. for you while visiting the Canal Zone Biological Area.

A communique has been received today from Dr. Rudd in which she states, "I have checked the Sarro Colorado Island herbarium for this Bauhinia and found that the tree had been planted in the cleared area -- many years ago -- but apparently is no longer extant."

I regret that we are unable to assist you in obtaining seeds from this shrub, but hope that Dr. William Stern's letter of last month provided you with other sources from which you may obtain the necessary specimens.

Sincerely yours,

Remington Kellogs

Remington Kellogg Assistant Secretary

cc: CZBA Dr. Rudd SI Files

SColby: sc



(V. Rudd)

Michigan Union

april 1912 1962

Dear Curator of North american Belany;

I have waited long to write you and Manke you for all you did for me in Washington, both professionally and as a friend. You added much to my visit there.

Thought you might be interested to know about the Bartlett types. I have agent three whole days going thru the 28 cartons "at the back of the range" and haven't had as dirty a time since I worked on Marcus & Jones' stuff. But I have found authorite stuff of all Bartlett's opener. Often there are many duplicater, but in had shape; old, dirty, insect-riddled, But Rogers agrees you should have a set in wash, if good enough dups, can be found. He is going to work on the material I have been over during the next three days while I work on herbarium proper, as he can ask questions. I have written hundreds of annotation labels.

The 2 weeks at Harvard were most flearant and profitable. Had to give the seminar last Th. so lost half a day getting needy. But am corning on and in apite of n.y. have seen most types. Rickett was at Cambridge last week end and gives me practically carte blanche for my paper which he wants for N. am. Flora and dean pretty much follow

my wishes as to new comba. Later diagnoses, eco. logical and altitudised notes, etc., etc. Was so glad to be able to talk things over.

almost didn't get here Sunday; The plane was to go on to Milwaukee, but that fast of flight had to be cancelled. An keeping fingers crossed for next Sunday to Minneapolis. Thursday the 27% ares me home! Then I have to be back in Boston May 12.

My kindert wither to you and anyone you thinks might be interested to receive them, I did enjoy meeting people there. especially titly Parker.

Advos y hasta la vista!
Whichas gracias
Phil. Mung

15. advance copy of my Wildflower book to hand and the Press did a nice job.

Hunt Institute for Botanical Documentation

Dr. Mildred E. Mathias Department of Botany University of California 405 Hilgard Avenue Los Angeles 2h, California

Dear Hildred:

Thank you very much for the Ormonia specimen, Schunke 5783. For the time being, if you need a name for it, it may be identified as O. santaremensis Ducke. When I publish on the genus, this species possibly will be reduced to varietal status. Most of our material of this taxon is from Brazil, so I am pleased to have a little more from Feru.

As to the cotyledons on the nacklace, Micuna sp. is still the best guess, but we do not have seeds that I can sacrifice to verify.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogans

P-2490

VERudd : on

AIR MAIL

Mrs. Olivia Converse Vergel 7 Valle de Bravo México, Mexico

Dear Mrs. Converse:

Your letter of April 5. arrived while I was on a quick trip to Trinidad, Venezuela, Panama, Guatemala, California, and Colorado. Slowly now I am catching up on the accumulated correspondence.

I will be glad to see your Erythrina specimens any time and to do what I can to identify them.

As to a Mexican trip, that may be postponed a bit, perhaps until the next Mexican Botanical Congress, whenever that may be. I shall look forward to seeing you then.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm



OKLAHOMA STATE UNIVERSITY . STILLWATER

Department of Botany and Plant Pathology FRontier 2-6211, Ext. 550, 351

June 8, 1962

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

Dear Dr. Rudd:

Thank you very much for your letter, and list of determinations for some of my Mexican specimens, which you sent on March 22nd. They are most appreciated.

I hope you enjoyed your vacation and field trip which you were taking soon after your last letter.

With best wishes,

Sincerely yours
U.T. Waterfall
Professor and
Curator of the merbarium

Department of Botany June 11, 1962

Dear Zoraida,

How are your travel plans progressing ? I hope that we will see you before too long. Mrs. Chase seems to be fine. She is at work every day long before I am. It would certainly give ner a thrill to see you again.

I had such a nice visit in Venezueãa, although much too brief. As I think back, I believe that the most fun was the trip on the Teleferico. Thanks to you for getting us there. I still am in favor of transferring the Institute Betanico to the Hotel Humboldt.

The Sunday morning before I left Caracas I went out to take a few more pictures, and, by chance, I found the new Colonial Museum. It is a beautiful place and I certainly enjoyed seeing it. I am glad that you had told me about the place, otherwise I would not have gone in by myself.

You mentioned that you would be willing to bring me a pair of gold orchid earrings. I should very much appreciate your getting me a pair of about average size (about 2 cm. long ?). They should be of the screw-on type, as my ears are not pierced. If you like, I can send you a check, or reimburse you when you come.

My best wishes to you and your family. It was nice to meet them all. Thank you manybtimes for all your kindness and hospitality.

Sincerely,

Velva E. Rudd

212747 June 18, 1962 Dr. Carl L. Johannessen 1284 - 21st Avenue East Eugene, Oregon Dear Dr. Johannessen: Attached is a list of names for the 27 sedges that you sent us for determination in November 1956. From the file of correspondence, I am uncertain as to the disposition of the specimens. We will be glad to send them to you if you wish. I am sorry that there has been such a delay in completing this project. Sincerely yours, Velva E. Rudd Associate Curator Division of Phanerogams Enclosure VERudd:cm Hunt Institute for Botanical Documentation C. L. Johannessen - Plants of Honduras Determined by V. E. Rudd, June 1962 U. S. Mational Museum No. 212747

```
Cyperus luzulae (L.) Retz.
              flavus (Vahl) Nees
 283
              tenerrimus Presl
 345
              flavus (Vahl) Nees
 346
     Dichromena ciliata Vahl
     Scleria pterota Presl
424
     Cyperus ischnos Schlecht.
425
            flavus (Vahl) Nees
426 Dichromena ciliata Vahl
     Balbostylis vestita (Kunth) Clarke
457
     Cyperus densicaespitosus Mattf. & KMk.
459
              tenerrimus Presl.
614
     Scleria interrupta Rich.
645
     Rhynchospora tenuis Link ?
665 Dichromena ciliata Vahl
712 Fimbristylis dichotoma (L.) Vahl
    Dichromena ciliata Vahl
742
753 Fimbristylis miliacea (L.) Vahl
     Cyperus luzulae (L.) Retz.
772
             tenuis Sw. ? (immature)
796
800
             densicaespitosus Mattf. & Kilk.
        Fimbristylis miliacea (L.) Vahl
    Eleocharis montana (H.B.K.) R. & S.
838
    Fimbristylis dichotoma (L.) Vahl
    Rhynchospora cyperoides (Sw.) Mart.
977
                  barbata (Vahl) Kunth
```

June 18, 1962

Dr. Robert B. Channell Department of Biology Vanderbilt University Nashville 5, Tennessee

Dear Dr. Channell:

Could you please send me names (tentative, if necessary) for the two sheets of plumose Rhynchospora that I am mailing to you. I had unsuccessfully been trying to match these specimens when it finally dawned on me that they belonged to the group that you had borrowed.

If you will just report the names to me, as soon as convenient, you may retain the sheets to be returned with the rest of your Rhynchospora loan.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd som

3002-32 red. St. Year Miss Budd On June 23 rd 1962 The Evelected the Cardinis nutaris near Sheperdstown W. Va. and the Turkish oak and China tree from a private estate, that Ja Mr Potts in Sheperdstown. I thought the Turkish vak lovely.

We want a Amerely, Juge Mrs. L. Bert Nye 3002 - 32nd Street, N. W. Washington 8, D. C.

Dear Mrs. Nye:

The three plant specimens that you left for me to identify are:

Carduus nutans L. (Queen thistle; musk thistle). Koelreuteria paniculata Laxm. (China tree). Quercus cerris L. (Turkish oak).

I am not surprised that you hated to part with the thistle. It is a beauty. In fact, we are going to press it and preserve it as a specimen, because we have only a couple of sheets of it from this area. Would you please tell me, again, where you collected each of the three specimens and the date so that I can prepare labels.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd : cm

-# 32241 found Oct, 22, 1962

Dr. Eixi Matuda
Instituto de Biologia
Universidad Nacional Autonoma de Mexico
Casa del Lago
Chapultepec, D. F.

Dear Dr. Matuda:

We are trying to finish naming your collections, but we had a slight accident with nine specimens of your Compositae. The wind blew the material so that the labels were separated from the plants. The numbers are your 5143, 32163, 32222, 32249, 32258, 32264, 32279, and 32282. One other label disappeared and could not be found. We do not know which it was. The names of the plants are:

Dahlia coccinea Cav.
Flaveria ramosissima Klatt.
Jungia ferruginea L.f.
Machaeranthera tagetina Greene
Schkuhria multiflora H. & A.
Senecio callosus Sch. Rip.
Senecio confusus Britt.
Senecio procumbens H.B.K.
Tithomia diversifolia (Hemsl.) Gray.

Can you please check your duplicate specimens and tell me which numbers belong with which names?

Sorry to bother you with this.

Best wishes.

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

July 16, 1962

Dr. Olga Lakela The University of South Florida Tampa h. Florida

Dear Dr. Lakela:

Enclosed is the list of determinations of the dozen plants that you sent. The names are as close as I can come without monographic study. The <u>flactias</u>, especially, need to be considered on a world-wide basis. According to the descriptions almost every species is an endemic, which I doubt to be true.

The Phaseolus I prefer to leave uncommitted beyond the species. The Centrosema, likewise. I compared it with isotypes of C. arenicola, unsatisfactorily. We do not seem to have material of C. (or B.) floridana.

Your specimens are so nicely prepared, it is a pleasure to add them to the herbarium. Thank you for sending them.

Best wishes.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:cm

P-2519

Mr. John F. Nave Italian American War Veterans of the United States 104 North State Street Syracuse 3, New York

Dear Mr. Nave:

Unfortunately we do not have available for distribution such descriptive literature as you request. Your public library or the library of Syracuse University probably have a number of books on Wild Flowers that will include the pictures and descriptions you want. Another source of information for you would be the New York State Museum at Albany.

Some of the books that you might find most helpful are:

- Hausman, Ethel H. The illustrated encyclopedia of American wild flowers.

 Pp. 1-58h, pl. 1-16, fig. 1-500. Garden City Publishing Co., Garden City, N. Y., 19h7. -- An illustrated treatment of 1200 species.
- House, H. D. Wild flowers of New York. N. Y. State Museum Memoir 15.
 Albany, N. Y., 1918; reissued in 193h as "Wild Flowers."
- House, H. D. Wild flowers. Pp. 1-362, pl. 1-264 in color. Macmillan Co., New York, 1934.
- Hylander, C. J. The Macmillan Wild Flower Book. 1954.
- Moldenke, H. N. American wild flowers. Pp. 1-453, pl. 1-32 in color, pl. 1-32. D. Ven Nostrand Co., New York, 1949.
- National Geographic Society. The book of wild flowers. 2d edition, pp. 1-2h3, pl. 1-128 in color. National Geographic Society, Washington, D. C., 1933.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

L. H. BAILEY HORTORIUM

NEW YORK STATE COLLEGE OF AGRICULTURE
A UNIT OF THE STATE UNIVERSITY
CORNELL UNIVERSITY
ITHACA, NEW YORK
July 20, 1962.

Dr. Velva E. Rudd U S National Herbarium Smithsonian Institution Washington 25, D. C.

Dear Velva:

John Ingram of our staff has a perplexing problem which might be solved if Pittier's notebooks could be consulted. On the off chance that you are acquainted with their whereabouts, I'm setting down the information John has given me.

The Pittier collection concerned is no. 6543 which, according to Croizet is from Panama (hills between Pinogana and Yavisa, 1914 - type of Gitara panamensis, Journ. Am. Arb. 26: 192. 1945). John, however, has two sheets from Kew which seem to be Gitara panamensis but which are labelled as "Venezquia Plantae Pittierianae" and one bears the added information "6543 - Argythamnia. A shrub, 2-4 m. high, fl. abundant, caducous, white, April 17, 1924. The question is whether the Kew labels are erroneous or whether Pittier used separate numbers for Central American and Venezuelan collections. Incidentally, Pittier 8836 from Venezuela is Gitara venezolana, a species unlike that represented by the Kew specimen.

If you have any suggestions as to the whereabouts of Pittier's notebooks or any comments on the above, we'd be happy to have them.

Most sincerely yours,

Hal

Harold E. Moore, Jr. Director

HEM/f

M/f

1085 - Egypting (Care)

Hunt Institute for Botanical Documentation

22 July, 1962

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

Dear Dr. Rudd:

I am grateful for your determinations of <u>Galactia</u> and other legumes. Recently Dr. Hermann, checking specimens of <u>Gentrosema</u> left for your herbarium a sheet of <u>C</u>. <u>arenaria</u> & <u>C</u>. <u>floridana</u> (Britt.), my collections of central Florida. I am in the process of making a transfer of the latter one. They are probably not mounted, yet.

My understanding of <u>Galactia</u> is not clear, yet, or never will be. There seems to be no monographic study of the genus. Their habits must vary a great deal. E.g. <u>G.fasciculata</u> keys under twining stems; all my collections referred to it are prostrate, even in opening between tall herbs and shrubs where they the plant has support for climbing.Contrarily, <u>G. regularis</u> climbs, but does grow prostrate in openings without vegetation cover. The former, is now in abundant flower and fruit in oak covered sandhills Hernando & Cirus counties. In Tampa area similar plants, with prostrate long stems flower much later. I will send you some later, if they flower. I may not distribute my collections because I am still making additional ones, both in floer & fruit. We have no authentic gollections of the sems

We have no authentic collections of the genus.

Dr. Godfrey Florida State University, Tallahassee. I have met him, he is an avid collector and inspiring botanist. I am associated with Dr. James D. Ray, Jr. from Mississippi. He was recently promoted into Chairmaship of Life Sciences. Two young men, Dr. Long, and Dr. Pickering have been added to the staff for the

coming year.

You may know that I taught Biology at UND, post retirement effort in 1959-60, before coming here. I enjoy Florida, having lived its flora the past two years. Of course, I must leave a few years real retirment; however, I am very well, and active in the field; we have have a beautiful university with lots of possibilities in botany.

botany. These mucky woods of Harida. an intriguing, but I naturally miss the expansive planes, with viacous, and the sevene northwoods of the midwest. Will kindlest thanks, only Labela. Dr. Olga Lakela The University of South Florida Tamoa h. Florida

Dear Dr. Lakela:

Thanks for your letter. I forgot to mention to you that I take a dim view of prostrate vs. twining stems as a key character in Galactia, and whether or not the panicle is long or short is also of uncertain value. Antrorse vs. retrorse hairs on the stem seems to be helpful for a preliminary breakdown. It will be very helpful to have collections with flowers and fruit. We have a surprisingly inadequate amount of fruit and seed.

I expect to give more serious consideration to Galactia in the future in connection with projects on the legumes of Mexico and of the Yucatan peninsula. The material at least from the whole Caribbean (and Gulf of Mexico) area should be studied at one time. I will appreciate data from your area.

Under separate cover, I am sending a batch of inspirational literature that you may or may not have. (If they are extra, please pass them along). Perhaps you will encounter some of the less common Aeschynomene in your travels.

I appreciate your comment on the plains and the northwest woods. I know exactly what you mean!

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:cm

Mr. Samuel R. T. Very 4137 N. lat Avenue Tucson, Arizona

Dear Mr. Very:

That clump of box hackleberry has been in the news off and on for many years. Presumably it is a clone that continues to grow at its extremittes and is not a single tree (or bush) that increases in girth for centuries as does the Sequoia. In 1919 (Science, pages 30-3h) Dr. F. V. Coville wrote; "The theory I advance is that the whole patch has spread by the root from a single plant. If this theory is correct the plant is undoubtedly more than a thousand years old. If it started in the middle of the present area and grew at an average rate of six inches a year, a liberal estimate judging from the observed length of its annual rootstock increment, its advance to its present front-line position would have required 1,200 years." In a more recent article (Horticulture, Dec. 1950, pages 156-157, reprinted in Wild Flower, vol. 33:1-8. 1957), Dr. H. N. Moldenke writes:

"The amazing feature about the box huckleberry is that most of the "colonies" are not groups of many individual plants, but consist of a single plant, with many upright bushy branches, all connected by a continuous underground rootstock. Of the four plants in the Losh Run ravines, the two largest are each a mile long. The normal annual spread of the plant under favorable conditions is about six inches. If it started at the middle of the present stand this would make the plant over 5,000 years old, or 2,000 years older than the largest sequoias known. On the other hand, if it started at one end of the ravine and progressed toward the other, as most botamists who have examined the colonies consider far more likely, the age would be far over 10,000 years. If all four of the Losh Run plants were originally connected and later separated by the movement of ice during the last Ice Age, the age would again be much increased.

"Of course, no one has actually dug up an entire colony to prove that every part is actually united, but seemingly isolated plants have been dug up and in every case have been found to be attached to neighboring plants by a continuous underground rootstock."

You probably will be able to locate the above references at the University library and read the entire articles. You also should be able to get some advice from the Tree Ring Laboratory at the University of Arizona. Although both Dr. Douglass and Dr. Schulman are gone, the Lab continues.

If I were you, I would still plan a trip to the bristle come region. It sounds interesting t

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: cm

Dr. Harold E. Moore, Jr. L. W. Bailey Hortoriam Cornell University Ithaca, New York

Dear Hal:

We have some of Pittier's notebooks, but the one that you want is missing. As I recall, Mrs. Thase hunted for it, unsuccessfully, when she was preparing a write-up on Pittier shortly after his death. It is possible that we have it among unsorted miscellany (with Cook's, for example), or it may be at Beltsville. They, however, have been house cleaning drastically.

Pittier numbered his collections chronologically. His Venezuelan series began approximately at 7000. His number 6946 is from Panama, but 7006 from Venezuela. I think that the Kew labels for 6543 must be incorrect.

According to our books we should have a sheet of Pittier 6543, but I have had no luck in finding it. I did discover that we have two sheets of Pittier 8836, the type collection of Gitars venezolans, which had been moved, apparently by Croizat, from the "Suphorb. indets." to the "Tragia indets." I appreciate being led to that find!

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: am

L. H. BAILEY HORTORIUM

NEW YORK STATE COLLEGE OF AGRICULTURE
A DINT OF THE STATE UNIVERSITY OF NEW YORK

CORNELL UNIVERSITY

ITHACA, NEW YORK

9 August 1962

Dr. Velva E. Rudd Associate Curator Smithsonian Institution United States National Herbarium Washington 25, D. C.

Dear Dr. Rudd:

Last month Dr. Moore wrote you concerning my problem with a Pittier specimen. I wish to thank you for the information you supplied. My problem is solved.

Yours sincerely,

John Angram
John Ingram
Assistant Professor

Department of Biology Division of Bacteriology, Botany and Zoology

17 august 1962

Dear Miss Redd:

Thanks for sending along the two specimens of plumose-tristled Rhynchosporas from British I-tonduras for my study.

Hunt 426 is R. alegantha A. Fray.

Hunt 212 is still a question:

the achieves look like R. simiplumosa A Gray, but the foliage
does not carrespond to that species.

It may represent one of the new
species that I am signegating
from R. plumosa Ell. which are
since quite terilative.

Specimens of Rhynchospora from Central Centerica are very few in number, so I am particularly

pleased to have there has sheet,
for study. Thank you very
runch. I will return them
along with the initial loan.

Succeedy.

R. B. Channell
Cassociate Professor
of Biology

August 20, 1962

Mrs. Olivia Converse Vergel 7 Valle de Bravo, Mexico Mexico

Dear Mrs. Converse:

In belated reply to your postcard of August 5, I am glad to hear that you found your <u>Erythrina</u> in the monte. A good set of specimens, with different numbers from different trees, would be very helpful when the time comes to describe the presumably new species.

As to <u>Bursera</u> and <u>Plumeria</u>, we will be glad to see your material. Dr. Cuatrecases has worked on <u>Bursera</u>, and the <u>Plumeria</u>, if too complicated, can be relayed on to Dr. Woodson at the <u>Missouri</u> Botanical Garden.

In a few days Dr. Miranda leaves us after being here almost a year. We are sorry to see him go. It has been a pleasure, and a help. to have him with us.

The next Mexican Botanical Congress is to be in San Luis Potosi, I understand, pasibly next August. With luck, and pesos, I will be there.

Dr. Krukoff just paid me a visit this morning -- in the midst of this letter. It is the first time that I have seen him in 20 years. We had such a rapid discussion of Ormosia that I did not have a chance to get in a word about your Erythrina. It is so longe since he worked on the genus that he probably couldn't have had any helpful comments off the cuff.

Best wishes. Will be looking forward to seeing more specimens.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams. Dra. Velva Rudd Department of Botany Smithsonian Institution Washington D.C.

Dear Velva:

I have been thinking on you all this month that I had planned to experf in Wasthington. I do not want to realize that I will not be able to go to see Mrs. Chase an the rest of my friends. My husband has been felling himself very bad and, I don't like to leave him alone.

When I have a chance I will send You the &arrings.

I hope you will be able to visit us again, but, for a longer time.

I always remember the nice time that we expended together with Tom while you were here. Am sorry it was so short.

My daughter send you her regards.

Expecting to see you soon, I say good bye.

Koraida A. de Febres Zoraida L. de Febres Agrostóloga

ZLF/adg

Mrs. Olivia Converse Vergel 7 Valle de Bravo, Mex. Mexico

Dear Mrs. Converse:

Thank you for the additional material of your Erythrina 134. Actually, if this is a different gathering from the previous (of three different dates!), even though from the same tree (or fence post) it should have a different number. Some Collectors including you and Dr. Martinez, do mix flowering and fruiting material from different dates on the same sheet but it is not good, and often leads to confusion.

I should like to describe the species, eventually, after I finish my current project on Ormosia, unless Dr. Miranda or Dr. Martinez want to. For the type specimen (holotype) I should prefer to have a good flowering specimen from a tree in the Monte, properly numbered, and dated, and with several (10°) duplicates (same number, same date, same collector, same tree) that could be distributed to other institutions, such as the U. of Mexico, U. of California, Harvard, etc., etc. The material and data that you have supplied thus far is fine for preparing the general description.

There is a slight chance that I will get to Mexico in December. A letter from Annetta Carter mentioned that a class from U.C. was considering a week's field trip in San Blas, Nayant, and I have invited myself to join them. I have not heard further. Unfortunately, San Blas is quite a distance from your area, so I probably could not combine the two projects in one trip.

Enclosed is a mimeographed leaflet that may or may not give you any helpful suggestions. I don't know what background you have in Botany. Did you take some at U.C. or have you arrived at the plants via Art? (Dr. Miranda says your drawings are very good!).

Best wishes. Hasta luego.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams



OKLAHOMA STATE UNIVERSITY . STILLWATER

College of Arts and Sciences FRontier 2-6211, Exts. 223, 224

Sept. 13, 1962

Dear Dr. Rudd:

Probably you will find this letter a pleasant suprise. I am NOT sending a new shipment of Mexican plants! It was almost mid-August when our summer session concluded, so Idecided to go to the AIBS meetings instead of to Mexico.

I had looked forward to meeting you since I had seen your name on the program, and was disappointed that you were not there.

If you should have time to look at any more of my Mexican specimens, it will, of course, be appreciated.

With best wishes,

U. T. Waterfall
U.T. Waterfall
Professor and
Curator of the Herbarium

September 17, 1962

Dr. U. T. Waterfall College of Arts and Sciences Oklahoma State University Stillwater, Oklahoma

Dear Dr. Waterfall:

Thanks for your note. Actually, I am sorry that you are not sending more Mexican plants, especially if they might be some interesting legumes.

I had intended to go to Corvallis but more or less at the last minute decided to send a proxy and go, instead, on a combined vacation and business trip to the Harvard area. It would have been nice to meet you, and other pen pals.

As to the rest of your plants, I have great hopes of finding time to work on such lots as yours. As of now we have a new staff member, Stanwyn Shetler from the U. of Michigan, who will take care of curatorial duties for the United States - Canada - Alaska area. That will allow me to concentrate on "Middle America" and especially Mexico. I will try to get another list to you soon.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

September 19, 1962

Dr. T.G.Yuncker
DePauw University
Greencastle, Indiana

Dear Dr. Yuncker:

The enclosed scraps are for you, but I should appreciate a name for them. I was on a hunt for <u>Ormosia</u> so made only a few other collections, especially since Julian assured me that he had done the area thoroughly.

Best wishes and season's greetings.

Sincerely,

Velva E. Rudd

Associate Curator

Division of Phanerogams

Dear Miss Rudd:

Your letter to my husband and the Peperomia speciman have been received. It happens that my husband is now in South American but he will be back some time the latter part of October. I am carefully taking care of this specimen and I am sure you will be hearing from him as soon as he is back and able to take up the identification work again.

Sincerely, and Offundam Mrs. Truman G. Yuncker, B.O. Box 105, Greencastle, Indiana

Department of Botany September 28m 1962

Dear Zoraida:

Que lástima ! I am sorry to hear that your husband is not well and that you are not coming to Washington at this time. Perhaps you should bring him, too, for a vacation.

Mrs. Chase continues to come to the office every day, including Saturdays, and she usually gets to work much earlier than I do. When you finally do get to Washington, she will probably still be here waiting for you.

Dont worry about the earrings. I can get them the next time I go to Caracas.

I was slow about answering your letter because it arrived just as I was leaving for Boston on a combined business and vacation trip. I spent a few days at Harvard studying Asiatic Ormosia, befcause I discovered that one species, O. panamensis, is related to Chinese species, rather than American.

My best wishes to all your family. Take good care of your husband.

Greetings to all my friends at the Instituto.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams All communications should be addressed to THE DIRECTOR.

quoting the following number :-

ROYAL BOTANIC GARDENS,
KEW, RICHMOND, SURREY.

5th October, 1962

Dear Dr. Rudd,

Very many thanks for your letter with the further list of determinations, and for giving my collection top priority.

Inga is a most interesting genus and one which I hope to study closely some day. I compared my nos. 431 and 432 quite carefully in the field and am sure that they are not the same species. 431 was a characteristic ecotone species in some places, but 432 I encountered only once.

I apologise if my field notes have not always been legible. The word you were unable to decipher is 'Brunton' (Nos. 228-30).

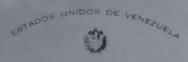
With best wishes.

Yours sincerely.

David R. Hunt

Dr. V.E. Rudd, Smithsonian Institution, U.S. National Museum, Washington 25, DC. U.S.A.

IMC.



MINISTERIO DE AGRICULTURA Y CRIA

Rec. Nat. Renov. DIRECCION

Instituto Botánico.

No.

Caracas 9 de octubre de 1962

Dra. Velva Rudd Department of Botany Smithsonian Institution Washington DC. U.S.A.

Dear Velva:

Your earings are now in Washington. I sent itsto Sra. Carmen Trejo, a very good friend of mine. Her address is 3510 Yuma St. N. W., rather near of Mrs. Chase, as I believe. The telephone number is KE-71.356, you can call her and arrange the best way for you to get its. I wish you like

I am very sorry I could not go to Washington this summer but I hope I will be able to do it at any time. I have a good number of Grasses that I need to study in your Herbarium,

My husband is not in good conditions now, so I have to wait until he feels better. The children are fine, my daugther began her 3erd year of Law and the boy the first of engineering.

Greetings for all my friends of the Department, sepecially for my dear Mrs. Chase to whom I wish very much to see.

Sincerely,

Fraida L. de telres

Dear Dr. Rudd:

The fragmentary Peperumia (your #1010 comes closest to Peperumia surmatane TAY. The material is rather bally broken by the stamp killing machine but I am calling it this species yel aff.

ath best regards.

Therefold he he

ht. 10: 1969

Sincerely vores.

(T.G. Yungker).

Home Address is 4137 N. 1st Ave Tucson, Arizona

Baja, Mex.17 October 62

Division of Phanerogyams Smithsonian Institute Washington D.C. EE.UU.

Attention of Miss Velva E. Rudd.

- Professor Charles Wesley Ferguson, Jr., University of Arizona Associate in Watershed Management, has expressed great interest in the courteous letter which you wrote me, dated 25 July 62 with respect to the box huckleberry which I had mentioned in a letter dated 14 July, sent you from Seaside, Oregon.
- T read to Dr. Ferguson over the telephone the essentials of your reply, and some day I shall hope to show him the entire letter. Your citations of authorities do not include the name of one of the Smithsonian's personnel, alleged to have been its former Secretary: Professor S.F.Baird. Perhaps my informant was mistaken in that.
- Your July letter reached me in late August after several forwardings, from Tucson. We same in Chico the famous Hooker Oak of Bidwell Park, in prime condition, height 96 ft. Spread 115 ft. Circumference of outside branches, 481 ft. Linear measure largest branch 111 ft; Diam of trunk 8' above ground, 9 ft.; Estimated age, 1,000 years. Since, came the terrible storms along the Pacific, and the press-reports indicating that that magnificent tree wes ruined: half, blown away. I never felt more saddened at a funeral!

Thank you for your patient research enabling your reply to my July letter, and for your appreciated courtesy.

3. A. T. Very -SAMUEL R. T. VERY

October 19, 1962

Dra. Zoraida L. de Febres Instituto Botánico Apartado 2156 Caracas, Venezuela

Querida Zoraida:

Mil gracias for the earrings. They are lovely and exactly whathI wanted. How much do I owe you for them ? Please tell me and I will pay you by check or however you wish.

I enjoyed meeting your friend Sra. Trejo. She is muy symmetica. I hope that I will see her again, sometime.

It is too bad that your husband is not feeling well. Perhaps you should bring him along for a vacation.

Mrs. Chase was glad to hear about you and the family. She thinks that Zoraidita's idea of being a judge is great. As you remember, Mrs. Chase has always been interested in women getting ahead, in woman&s sufferage, etc.

I suppose that Julian is very busy getting ready for his trip to New York. I hope to do a little travelling again, in December, to California for Xmas, by way of Mexico. A group from UC are planning a week's field trip to San Blas, Nayarit, and I think that I will try to join them. I have not seen that part of Mexico and I believe that it might be interesting . . . both for some endemic grasses and also Aeschynomene known only from one or two collections in the region.

Hunt Institute for Botanical Documentation

Thank you, again, and please write me how many Bs I owe you.

Greetings to all.

Sincerely,

Velva E. Rudd

Associate Curator

Division of Phanerogams



OKLAHOMA STATE UNIVERSITY - STILLWATER

Department of Botany and Plant Pathology FRontier 2-8211, Ext. 550, 551 Oct. 27, 1962

Dear Dr. Rudd:

Thank you for your recent letter indicating continued interest in plants of Mexico, and particularly in the Leguminosae.

I have some mounted Mexican Teguminosae which you have not seen which I will be happy to send you for your annotation, should you care to see it.

Secondly, I have 22 mounted sheets of Leguminosae (sen lat) tecently sent me from Ethiopia. If you would care to see these, and annotate them, I will be happy to send them to you also.

Sincerely, U.T. Waterfall Professor and Curator of the Herbarium

October 30, 1962

Air-Mail

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

Dear Mr. Hunt:

Here are 71 more names. With luck this will be the penultimate list.

Thank you for "Brunton". I had it correctly deciphered, but since I could not find it on any lists or maps, only "Burton", I hesitated to use the name.

As to Inga, your no. 431 looks much like the type of I. pinetorum. Your 432 seemed to be closer to I. pinetorum than anything else I found. Dr. Mohlenbrock is said to have a revision of the genus "well advanced". However, he has not yet seen our material, which includes a large number of types!

Best wishes and thanks for your patience.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

cc: C.L. Lundell

VERudd:gt

(91)

Plants of British Honduras Collected by David R. Hunt U. S. National Museum No. 228969 Reported October 30, 1962 Identified by V.K. Rudd unless otherwise noted

Dalechampia schippii Standl. Waltheria americana L. 44. Lisianthus axillaris (Homsl.) Ktze. 48. Heteroptoris beecheyana Juss. 52. Helicteres guasumaefolia H.B.K. 58. Melochia villosa (Mill.) Fawc. & Rendle 59. Jussiaea suffruticosa L. 60. Blepharodon mucronatum (Schl.) Done. 63. Mandevilla subsagittata (R.&P.) Woods 65. 69. Pithscellobium erythrocarpum Standl. 76. Lobelia cardinalis L. Evolvulus sericeus Sw. 95. 104. Lantana camara L. Allophylus cominia (L.) Sw. 105. 115. Escobedia laevis C. & S. 121. Cynanchum stenomeres Standl. & Steyerm. Stillingia zelayensis (H.B.K.) Muell. Arg. 125. 142. Dodonaea viscosa (L.) Jacq. 148. Cassytha filiformis L. 149. Euphorbia graminea Jacq. vel aff. 150. Ipomoea triloba L. 151. Triumfetta speciosa Seem. Cuphea carthagenensis (Jacq.) Wacbr. vel aff. 155. 157. Phyllanthus stipulatus (Raf.) Webster (= P. diffusus Klotzsch) Ipomoca triloba L. 158. 160. Sauvagesia erecta L. 162. Euphorbia thymifolia L. 163. Spigelia humboldtiana S. & C. Det. P. A. Munz 173. Jussiaea nervosa Poir. 193. Sida linifolia Cav. 215. Jussiaea peruviana L. 235. Ipomoea coccinea L. 242. Cynanchum chiapense (Gray) Standl. & Steyerm.? 252. Phoebe mexicana Meissn. Mikania micrantha H.B.K. (previously reported as M. cordifolia) 269. 270. Jussiaea affinis DC. Det. P.A. Munz Det. K.F. Parker 272. Calea tejadae Blake Mimosa recordii Britt. & Rose 274. Euphorbia heterophylla L. 278. Coutoubea spicata Aubl. 301. 320. Croton trinitatis Millsp.

Perymenium peckii Robs. Det. K.F. Parker 324. Evolvulus sericeus Sw. 325. Erythroxylon areolatum L. 326. Davilla kunthii St. Hil. 345. Melochia villosa (Mill.) Fawc. & Rendle Det. A. Goldberg 349. Elephantopus mollis H.B.K. Det. R.F. Parker Stigmaphyllon ellipticum (H.B.K.) Juss. 347. Mimosa pigra L. 361. Allamanda cathartica L. 364. Evolvulus sericeus Sw. ? 372. Belotia campbellii Sprague (probably = 0. grewiifolia A. Rich.) 375. Nymphoides humboldtiarum (H.B.K.) Kuntge 376. Tetrapteris arcana Morton 384. Ipomoca squamosa Choisy var. villosa van Oostr. (apparently new to North America) 388. Luchea specicsa Willd. 392. Phyla stoschadifolia (L.) Small Tournefortia hirsutissima L. 397. 401. Lisianthus collinsii Standl. ex char. 409. Lippia substrigosa Turcz. 435. Plumeriopsis ahouai (L.) Rusby & Woods. 443. Evolvulus sericeus Sw. 446. Croton glabellus L. 474. Vitex gaumeri Granm. 476. Simarouba glauca DC. var. latifolia Cronq. 478. Metopium brownei (Jacq.) Urban 479. Anacardium occidentale L. 487. Byrsonima crassifolia (L.) H.B.K. 496. Heliotropium fruticosum L. 61.0. Schultesia guianensis (Aubl.) Malme Balle Hibiscus costatus A. Rich. (do you have a number or data for this?). Plants of British Honduras Collected by David R. Hunt U. S. National Museum No. 228969 Reported October 1962 Identified by V. E. Rudd unless otherwise noted

Chrysopsis graminifolia (Michx.) Nutt. 7. Bulbostylis papillosa Ktocenth. 13. Bulbostylis vestita (Kunth) Clarke 18. Curculigo scorzoneraefolia (Iam.) J.G. Baker 22. Memastylis silvestris Loes. 27. Calea longipedicellata Robins. & Greenm. 30. Calliandra houstoniana (Mill.) Standl. 31. 49. Bomarea edulis (Tuss.) Herb. 92. Quercus sapotaefolia Liebm. 93. Quercus sapotaefolia Liebm. Schrankia leptocarpa DC. ? (all material out on loan) 96. 109. Echeandia sp. 140. Rhipsalis ramulosa (Salm Dyck) Pfeiffer 153. Hypoxis decumbens L. 182. Hirtella racemosa Lam. Bulbostylis junciformis (H.B.K.) Lindm. 190. Rhynchospora podosperma C. Wright 196. Burmannia Capitata (Walt.) Mart. 202. Rhynchospora sp. (aff. R. semiplumosa A. Gray or R. plumosa Ell.) 222. Det. R. B. Channell 229. Mimosa albida Humb. & Bonol. ex Willd. 2hh. Bulbostylis papillosa Kukenth. 249. Cuphea utriculosa Koehne 262. Calliandra emarginata (Humb. & Bonpl.) Benth., sens. lat. Baccharis trinervis (Lam.) Pers. var. rhexicides (H.B.K.) Baker 275. 277. Sisyrinchium tinctorium H.B.K. 279. 282. Calliandra confusa Sprague & Riley Eupatorium hospitale Robinson Cyperus cyperoides (L.) O. Ktze. ? (Cf. immature C. Mutisii) 283. 291. Rhynchospora marisoulus Ness Jacquemontia tamnifolia (L.) Griseb. 292. 309. Rhynchospora globularis (Chapm.) Small 318. Mimosa pudica L. Rhynchospora fascicularis (Nichx.) Vahl 328. 338. Rhynchospora hirsuta Vahl Det. F. Miranda 354. Chrysobalanus icaco L. Det. F. Miranda 362. Bredemeyera lucida (Benth.) A. Bennett

Rhynchospora globularis (Chapm.) Small

Inga punctata Willd.

366. 369.

383.	Eriocaulon fuliginosum C. Wright			Moldenke
390.	Acacia (Myrmecodendron) collinsii Sefford	Det.	F. M	randa
395.	Mimosa hemiendyta Rose & Robins.			
398.	Cirsium conspicuum Sch. Bip.	Dat.	K.F.	Parker
402.	Cyperus acicularis (Schrad.) Steud.			
403.	Vernonia tortuosa (L.) Blake	Det.	R.M.	King
405.	Enallagma latifolia (Mill.) Small			
407.	Vernonia leiocarpa DC.	Det.	R.M.	King
422.	Eleocharis filiculmis Kunth.			Svenson
425.	Bredemeyera lucida (Benth.) A. Bennett			randa
426.	Rhynchospora oligantha A. Gray			Charmel1
427.	Syngonanthus lundellianus Moldenke			Moldenke
431.	Inga pinetorum Pittier ?			1 NO THE PARTY OF
432.	Inga pinetorum Pittier ?			
433.	Onoseris onoseroides (H.B.K.) Rob.			
436.	Smilar veluting Killip & Morton			
438.	Leucothoe mexicans (Hemsl.) Small			
450.	Iresine celosia L.			
450.		max.	W M	-
	Aster exilis Ell.		R.H.	
464.	Ilex guianensis (Aubl.) Kuntze	Det.	F. Pil	randa
465.	Inga spuria Humb. & Bonpl. ex Willd.	-	-	-
467.	Vernonia aschenborniana Schauer		R.M.	
468.	Mimeria americana L.	Det.	F. 18	randa
471.	Quercus anglohondurensis C.H. Mull. ?			
477.	Cyperus mutisii (H.B.K.) Griseb.			
484.	Inga lindemiana Benth. vel aff. ?			
485.	Vochysia hondurensia Sprague			
498.	Bletia purpurea (Lam.) DC.			
620.	Psittacanthus sp. (need flowers)			

October 1, 1962

Air-Mail

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

Dear Mr. Hunt:

Your letter of 27 September to Dr. Swallen arrived today as I was preparing another list for you.

At long last we have a new staff member who is relieving me of my curatorial duties relating to the United States and Canada, so I expect to be able to concentrate on "Middle America" and clean up some of my unfinished lots of plants for determination. Your collection has top priority and I hope to get the final list to you shortly.

Sincerely yours,

Velva E. Radd Associate Curator Division of Phanerogams

Enclosure

VERudd:gt

All communications should be addressed to
THE DIRECTOR,
quoting the following number:-

ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY.

2nd November, 1962

Dear Dr. Rudd,

Thank you for your letter and for the further list of names.

Hibiscus costatus was no. 75. The notes are as follows:

11th September 1959; San Luis Rd. nr. Augustine Creek, Augustine, Mountain
Pine Ridge, El Cayo District, British Honduras. Shrub 2-5' with pink flowers.
Frequent.

In the list I note that nos. 356 and 357 have been given as '346 and 347', a slip in the typing no doubt.

With best wishes,

Yours sincerely,

David R. Hunt

Dr. Velva E. Rudd, Smithsonian Institution, United States National Museum, WASHINGTON 25 D.G. U.S.A.

THE

box em of nul sell struce il egonia ed like fio come cons November 6, 1962 I social this out to get but tog of yillustration book e

Deer Wally: It is a little will expet you in D.C. free Nov. at thru 25. Your pass and Bob Ornduff's have been requested. Dr. Swallen received a letter from Bob today. Since I will see you both on the E2nd, I will hand you the passes then. It is not certain whomelse will be here --- Dick Cowan, and possibly the Swallen's will be away, but probably the rest of us will be around. The day after Thanksgiving is an official working day.

It is about 20 years since I visited the Interior Dept's trading post so it might be about time for another. It is open during regular Govt. hours, not on Saturday. Possibly we can go over during a long lunch hour, on Friday.

as to Tday dinner, I think I offered to take you to the deluxe special at a White Tower, which is not a hotel ! Some other plans are cooking, and you will be advised on arrival. I'm not sure of the particulars yet.

If you get in before midnight on Wed. why don't you give me a ring at home: phone no. is 333-3557. If you forget it, my name is in the book.

Did I tell you that I plan to join the group from UC on their field trip to Mexico. I understand that in addition to Mason and Mummsy, who will be faculty, Annette and her roommate, Helen Sharsmith, Eliz. McClintock, and I don't know who all will be along. It sounds like fun to me and a good opportunity to get the lay of the land before I plan a more extensive collecting trip in the area at a later date. After the field trip I will go on to bit, ie.

Resede, dor kmas with my sister and family: a Turk ...

Have a good trip down. Haste la vista.

is not carrelyistance will be here --- Dink Cowner, and possible the Swallan's will be owner, but useduly the rent of us will be around. The day efter That englishing in an official workiving.

It is about 80 years since I visited the interior Dection trading post so it might be about time for another. It is open during regular Govt. hours, not on Sarurley. Possibly we can go over during a long lunch hour, on Friday.

we to Tday dimner, I think I offered to take you to the deluxe special at a make Tower, which is not a hotel!

Some other plane are cooking, and you will be advised on arrival. I'm not sure of the earthcalers yet.

If you get in before missible on west why don't you forget it, was cring of bones obene or. is 335-3547. If you forget it, any more in in the book.

no but ment quere est ale, es mais I jent e en lles I biu noffice af Jent conservant I sentain of first bleit than the bas sidenal, ciliust es like eds crement bas acent est than I had I had conservant of the conservant bas acent est

Scap Berbarium of Barbard Unibersity

REED C. ROLLINS, DIRECTOR



VELLU Arnold Arboretum of Harbard University

22 DIVINITY AVE., CAMBRIDGE 38, MASSACHUSETTS, U. S. A. The Berbaria

CLARENCE E. KOBUSKI, CURATOR

Punkinday

Dear Velva:

If you aren't already taken for Turkeyday dinner then how's about a date? When we discussed this locally I seem to remember that you were planning to celebrate more or less solitarily at a hotel. Please to not change your plans nor refuse a better offer on my account. In the absence of some unforseen disaster, I will try to hook a ride on a plane sometime in the p.m. on Wednesday, November 21. I am at this time also writing to a.C. Smith to mention my arrival, in case he cares, to the Houston Hotel for a reservation, and to Robert Ornduff of Duke who would also like to join us for dinner and rumage through your happile. If you could ammage to obtain a working permit for me (I presume Ornduff will write for his own), I would like to work in the herby during Friday and Saturday (and possibly but unlikely on Sunday). I plan to fly back to Boston on Sunday afternoon.

I am slightly dying to visit the Department of Interior trading post, or whatever it is, where they have Indian things for sale and if you know, or can find out, I would appreciate knowing if they are open on the above Friday or Saturday, since these are so adjacent to the holiday.

Hest wishes,

Wally E. [Frast]

HERBARIO NACIONAL

Instituto de Biologia

Universidad Nacional Autónoma de México. C.U., Mexico D.F.

Nov.7 1962

Dr. Velva E.Rudd U.S.National Herbarium Washingto, D.C.

Dear Dr. Rudd.

Your kind letter of June 27,ppdo. have been received in time, but long been negrected to answer by many many ocupations official and personal arrounded me, as far as to-day.

I could not check all 9 plants, but I can informe you as followings;

√32264 Machaeranthera tagetina

× 32258 Senecio callosus × 32249 Senecio confusus

32163 Senecio procumbens

-32222 Tithonia diversifolia

This is all I could check, at present,

Thank you for your kind attention,

With best wishes and kindest concerns

I beg to remain

Yours most sincerely

P.D. please take note of our address, as notes above. not Casa de Lago, Chapultepec.

Dr. Mertert L. Mason University of California Department of Botany Berkeley 4, California

Dear Dr. Mason:

Thank you for the loan of 29 sheets of Ormonia, which I am now returning.

Also being sent in the same certon are 23 miscellaneous plant specimens and photographs as exchange. Included is the sheet of Alvordia (Palmar 8217) that Annotta desired.

Sincerely yours.

Velva E. Rodd Associate Curator Division of Phancrogams

VERuddigt

November 16, 1962

Air-Mail

Dr. Eizi Matuda Instituto de Biologia Universidad Nacional Autonoma de Mexico Mexico 20, D. F. Mexico

Dear Dr. Matuda:

Thank you for your letter of November 7. We now have only four mixed-up labels to worry about. The missing label that I mentioned in my earlier letter was finally found; its number is 322hl. We think that, perhaps, No. 32279 is the Flaveria specimen.

I expect to pass through Mexico City next month enroute to San Blas, Nayarit where I will spend a week with a group from the University of California. If there is time, I will try to get out to the Herbarium.

Greetings to all,

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

STANFORD UNIVERSITY STANFORD, CALIFORNIA

Department of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY
Dudley Herbarium

November 16, 1962

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

Dear Velva:

Yes, I'm counting on see you down in Old Mexico. Hope you know all the legumes at sight. I know I don't. I had my last view of San Blas thirty-seven years ago.

I understand you are serving up turkey to two young botanical friends of mine. I had a letter from Wally Ernst yesterday.

Annetta is in Baja California now. I was up at Berkeley a few days ago and heard that the boat, complete with Annetta and truck and her traveling companion, had arrived in La Paz.

Hasta la viste en Decembre,

(Mrs.) Roxana S. Ferris Curator of the Herbarium

RSF: b1

P.S. As soon as the lupine type arrives I will return the official paper.

AIR MAIL

Mrs. Olivia Converse Vergel 7 Valle de Bravo, Mexico Mexico

Dear Mrs. Converse:

I will be in Mexico City a couple of days in December, enroute to San Blas, Nayarit where I will rendezvous with a group from Berkeley, including Ammetta Carter. If you think it feasible, I should like to meet you. You know better than I the transportation situation between the city and Valle de Bravo, so I should appreciate any suggestions — whether you can join me or vice versa. I am due to fly to Mexico City on December 10 and will be at the Hotel Geneve until early a.m. of the 13th when I leave for Guadalajara, my next stop.

Your Bursera specimen arrived just as Dr. Cuatrecasas was leaving for a month's trip to South America. He asked me to relay it on to Dr. Rogers McVaugh at U. of Michigan, but he was in Mexico until just now. Eventually, I trust, someone will come up with a name for it.

I hope that we will be able to get together, if not this trip, possibly later at the time of the next Botanical Congress.

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

November 30, 1962

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

Dear Dr. Waterfall:

I have delayed answering your letter of October 27 hoping that I could, at the same time, send you a few more names. Unfortunately, I have not had a chance to finish anything for you, and I am about to take off again -- for two weeks in Mexico and two in California.

We now have a new staff member, Stammyn Shetler, who is to take care of curatorial work relating to the U.S. and Canada, leaving me more time and energy to catch up on my "middle American" backlog.

In another couple of months or so I should be glad to see the rest of your Mexican legumes. As to the Ethiopian Leguminosae, perhaps a couple of years would be better! However, if you would like to send everything at one time, later on in the spring, I will do what I can with annotations.

I just received a notice that the II Congreso Nexicano de Botamica will be in San Luis Potosí next September 17-20. Will I see you there?

Best wishes for Christmas and the New Year.

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

VdeB _ lock widay, Decouder Sty 1962 Near Notes Redd this case is the preatest harto with the hope of its reaching you before yourse of. Swent total time to aplaining hearing only now record come of forer letter of Nocionaler 28 m/. _ Delall be in the early over the country weeks had, and show Penson for truit of your arrival wy Monday. That loope Tree you that afterwoon, or for early lecction Trackay. There & rature here later Tuesday, and an off for wells at ead of week. _ I well, I two head local trail for a traff here, list that one be for next trees All wishes for a comfortate tout, and harta lugo I hope Dincoaly, Olive Greens

Mr. David R. Huit Royal Botanic Gardens Kew, Richmond Surrey, England

Dear Mr. Hunt:

This is an unofficial interim report. The sands ran out by the time I finished your Lentibulariaceae. The last, and most difficult Rubs, Scrophs, Comps, etc I will not get to until next month. On Dec. 10 I am scheduled to fly to Mexico for two weeks field trip, and then on to California for the holidays.

My best wishes to you for a Merry Christmas and a Happy New Year.

Sincerely yours,

Velva E. Rudd

177. Utricularia pusilla Vahl.
197. " juncea Vahl.
203. " aureola Blake ? ex char.
205. " macerrima Blake ? ex char.
224. " subulata L.
374. " juncea Vahl ?
381. " fimbriata H.B.K.

204. Genlisea luteoviridis Wright ex Sauv. ? = ? (Our first recognized collection; also collected by Bartlett, No. 11674, in 1931, but had been filed as indet. Utricularia)

All communications should be addressed to

THE DIRECTOR.

quoting the following number :-

ROYAL BOTANIC GARDENS.

KEW, RICHMOND, SURREY.

18th December, 1962

Dear Dr. Rudd,

Thank you for your letter with identifications of my Lentibulariageae.

Spirit material of some of these has been examined by Mr. P. Taylor here at Kaw, who has recently completed a revision of the African Utricularias and knows the American species very well. You may like to have his comments which are as follows:-

177, U. 'adenantha' Standl. (? = U. amethysting St. Hil, forma). The spirit material of this no, has basifixed bracts, and bracteoles. U. pusilla has medifixed bracts, and no bracteoles. (It is possible I have made a mixed gathering, as I recollect taking the spirit material from a locality about half a mile from that of the dried material. Would you please be good enough to check this for 118 ?) wedefield - wither private to a los

197. U. cornuts Michx. (syn. U. junces Vahl) Pech, Achipet

0 203. U. aureole Blake (? = U. adpressa St. Hil)

204. Genlises filiformis St. Hil. (syn. G. luteoviridis Wright)

205. U. hispide Lam. (syn. U. macerrima Blake) Ashiph Matth

With all best wishes for Christmas and the New Year, 56 0

Yours sincerely,

David R. Hunt

Dr. Velva Rudd, Swithsonian Institution, U.S. National Museum, Washington 25 D.C., U.S.A.

ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY.

18th December, 1962

Dear Dr. Rudd,

Thank you for your letter with identifications of my Lentibulariaceae.

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- 197. U. cornuta Michx. (syn. U. juncea Vahl)
- 203. U. aureola Blake (? = U. adpressa St. Hil)
- 204. Genlisea filiformis St. Hil. (syn. G. luteoviridis Wright)
- 205. U. hispida Lam. (syn. U. macerrima Blake)

With all best wishes for Christmas and the New Year.

Yours sincerely,

David R. Hunt

Field 123129 113 113 119

Dr. Velva Rudd, Smithsonian Institution, U.S. National Museum, Washington 25 D.C., U.S.A.

THE

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY BERKELEY 4, CALIFORNIA

December 27, 1962

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

Dear Dr. Rudd:

We have received our loan no. 2378, of 29 sheets of Ormosia, which arrived in excellent condition. We appreciate your annotations. Separate acknowledgement has been made for the 23 unmounted exchange specimens.

Sincerely yours,

Herbert L. Mason
Professor of Botany and
Director of the Herbarium

HIM: TT

ER

CABLE ADDRESS: BIOCONTROL, TRINIDAD TELEPHONE 900



WEST INDIAN STATION

GORDON STREET, CUREPE TRINIDAD, W.I.

COMMONWEALTH INSTITUTE OF BIOLOGICAL CONTROL

January 3, 1963.

Dr. Lyman B. Smith, Curator, U. S. National Herbarium, WASHINGTON, D.C.

Dear Dr. Smith,

Our Institute has been asked to undertake investigations on the insects attacking Opuntia megacantha in Mexico with the ultimate aim of introducing additional species of insects into South Africa for the control of this cactus. Our library facilities are rather limited here and I should be most grateful for any information that you can give regarding the distribution of this species in Mexico. I understand that the taxonomy of the genus Opuntia is rather difficult and I appreciate it if you could provide me with a list of the characters which would enable me to separate megacantha from other species.

I expect to visit Mexico later in the year to carry out a preliminary survey and would be grateful for the names of any botanists... Mexico who might provide information or assistance during my survey.

Yours sincerely,

Fred D. Bennett Entomologist in Charge, W.I. Station.

short

STANFORD UNIVERSITY STANFORD, CALIFORNIA

Dipartment of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY
Dudley Herbarium

January 7, 1963

Dr. Velva E. Rudd United States National Museum Smithsonian Institution Washington 25, D. C.

Dear Velva:

Now that the tumult and the shouting of the Holidays is over, I look back fondly at San Blas. Believe me, I was fond of it at the time in spite of vicissitudes.

Hope you and Señor Pompa had a nice botanical time on that last Friday and you both found nice interesting things. My timing is slow but I find myself remembering the names of some of the plants I should have known at sight: Pseudoelephantopus spicatus, Elytraria squamosus, Schultesia brachyptera, for instance.

Did you get to Los Angeles safely? I got there a little late from Mazatlan and barely—but barely—got my S. F. plane only because it was ten minutes late! Had I but known that up to that time San Francisco airport had been blotted out of existence by fog for two or three days, I would have been more emotionally disturbed than I was.

Have a good year and if there is paydirt in my next Death Valley Flora golddigging effort, I'll see you at the end of the year.

Sincerely,

(Mrs.) Roxana S. Ferris

RSF:bl

Air-Mail

Dr. Fred D. Bennett Commonwealth Institute of Biological Control West Indian Station Gordon Street, Curepe Trinidad, W.I.

Dear Dr. Bennett:

In reply to your letter of January 3 to Dr. Lyman Smith concerning Opuntia megacantha, I am enclosing copies of pertinent pages from "The Cactaceae" by Britton & Rose (1: 181, 185-187. 1919).

As to distribution of the species in Mexico, we have specimens from the following localities:

Baja California: San Ysidro Ranch Sonora: Hermosillo Durango: Durango Queretero: Queretero San Luis Potosi: Catorce, Moctazuma, San Dieguito, Hidalgo: Between Pachuca and Real del Monte. Jalisco: Tequilistian, north of Sapotlan and west of Guadalajara. Oaxaca: Between Mitla and Oaxaca

In Mexico the cactus expert is Dra. Helia Bravo, Instituto de Biología, U.N.A.M. Cuidad Universitaria, Mexico 20, D.F., Mexico. I am sure that she will be glad to help you in any way possible. There is also the Sociedad Mexico de Cactología (informally called Los Amigos de las Cactaceas) with numerous enthusiastic members. A year or so ago, Dra. Bravo was the president. Another active member of the group is a Mr. Dudley Gold, an American, I believe, who might be helpful, especially if your Spanish is weak. His address is Amiceto Ortega No.1055, Mexico 12, D.F. Mexico. Dra. Bravo reads and understands English but is very timid about speaking it.

I am also enclosing a copy of the preliminary announcement of the Mexican Botanical Congress to be held in September. Perhaps you would like to attend that and/or participate in the field trips that will be held in connection with it.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

CABLE ADDRESS: BIOCONTROL, TRINIDAD TELEPHONE 94111



WEATCHARTES WEST INDIAN STATION. GORDON STREET, CUREPE TRINIDAD, W.I.

COMMONWEALTH INSTITUTE OF BIOLOGICAL CONTROL

January 28, 1963.

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

Dear Dr. Rudd,

Thank you very much for your letter of January 22nd and for the trouble you have taken in obtaining photostats of the references.

I have already written to Dra. Helia Bravo and will write to Mr. Dudley Gold, as my Spanish is very weak. I am also writing for more information on the Mexican Botanical Congress as some of the field trips might be of great interest.

Again very many thanks for your assistance.

Sincerely yours,

Fred D. Bennett Entomologist in Charge, W.I.Station.

January 28, 1963

Dr. George J. Goodman The University of Oldahoma Horman, Oldahoma

Dear Dr. Goodman :

We should be glad to receive your Mexican plants and name them when and if possible. It is a refreshing change to hear from someone who does not insist on determinations as of yesterday. We also hope that you will not take offense if we pass along as exchange to someone else any species that we might find to be in over abundant supply in our herbarium. For example, I think we have reached the exturation point with Asclepias curaspavica, but I am glad to see any and all legumes that you have.

Sincerely yours,

Velva E. Radd Associate Corator Division of Phanerogans

VERuddigt

January 28, 1963

Profesor Arthro Consalez-Mas Biology Department University of Puerto Rico Mayagusz, Puerto Rico

Estimado Profesor:

You are correct that there is a specimen of Cyperus ardoloides from Puerto Rico, and it apparently is a new record. As you requested in your letter of January 11, we are sending it on loan, with two other sheets for comparison. If you wish, you may return all of your borrowed material at one time.

Best wishes to you, and success in your research. With snow all over the ground and a cold wind blowing, I wish I could go to Puerto Rico along with the specimens.

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogans

VERuddigt

435 East Podre god Street, Sante Boodora February 127/1963

Dear Jactor Ruda-

traver? I heard that you had a short viset with truette. I do hope their was

year her started was for you.

The forced to steep a bit longer than expected in Tanta B., and have been trues to expected in Tanta B. and have been trues to check out thereof wood along twood a family. One of them is to classification of that Burnera, which I have down as B. Labrefolia H.B.K., but about which Dies a bit doubt fel. I out let doctor Custre cases go to any trouble, but if he would just much a cord saying what classe fication is actually

cooled do tres? you know how I dishike botherup you all.

I hope your own world goes well, and that you soon will be concentratup on Mexico!

Argiere fleare the writing - I have a sprained through!)

Pricialy, Olivia Breverse

MISSOURI BOTANICAL GARDEN

"SHAW'S GARDEN"
2315 TOWER GROVE AVENUE
ST. LOUIS 10, MISSOURI

February 15, 1963

Dr. Velva E. Rudd Smithsonian Institution United States National Museum Washington 25, D. C.

Dear Velva:

I am so glad to have your letter of February 8 enclosing your treatment of Ormosia for the Flora of Panama. Frankly, and confidentially between the two of us, I wish that I had signed you up for all of the Papilionatae years ago because John Dwyer is making a long, drawn out job of the other factors.

In looking over your manuscript it appears to me that there will be needed very few editorial changes. I particularly like the appearance of your keys, based upon such a satisfactory combination of characters.

Now, as far as dates of publication are concerned, I cannot tell you anything very definite except that I see no reason except human frailty - why this particular fascicle of the Flora should not be published this coming fall. Is that soon enough for you? Of course we would prefer to launch your novelties. Let me know.

I think of you so much - I hope it won't strike you odd! For example, when I first met you I could never remember whether you were Velva or "Velma", and now, lo and behold, the wife of a church friend of mine is a bonafide "Velma". I told her when we were introduced that I was apt to use Washington terminology upon absentminded occasions.

As ever,

Robert E. Woodson, Jr. Curator of the Herbarium

rew;dp

Dear Velva:

to be gui to leave for Troshington and it will be with many regrets. I have had a wonderful time even though I have been pick from one thing or another for the last mouth.

The Valley of Daraca is very dry and more on less dull botanically Near Milla, where I'm staying, it didn't rain "at all last year." The predictions are for more of the paine until it rains, hopefully in July. as soon as one gets out of the valley into the fine - oak forest it to valley into the fine - oak forest it is much more interesting but still is much more interesting but still rather obviously it is the dry season.

I rented a VW sedan for a week and went of Puerto angel west of Pochetla. It is a very long way but botomically delightful in the high mountains - less so on the coastal lowlands. I wasn't able to locate your Sephora. It is a very high

trange of mountains. I would very much like to return but it will have to he at another time. They other long trip was to the hicinity of Tomellin & Dorningialo be tween Jaxaca and Tehnacaw. although The plants were lead I wanted Eucnide grandiflora and got seeds orear Dominguillo and on the trip to Pochutla god mentzelia arbones cens + seeds. Both are a hit scare and I felt lucky to have found them. Mitta, and Truseo Frissell, are very good head quarters. The rooms are clean and Comfortable and the food is fine. Ix costs about 6.00 MS a day, hubrican Plan. a nice lab has been set aside and the infrated hulbs for drying plants work give as long as the electricity is on. Two meeks of blackouts left me desperate and resulted in a fire over charcoal. The electricity normally, is more reliable and so working June Sow. Specimens at a time. The Joper is runing low but win he enough for me for and this week.

new ford truck is excellent but is needed daily to transfort the laborers to the cames for Ligging. The plan was to dig you a week and work in the lab for a week (thus freeing the truck) but so for it has been all digging. The geep, not in heny grad condition is kept husy by the geomor phologists. I have to be grides most of the time. The VW I neuted was very mee but it cost 100 115 for 8 days and was fine as long as the money lasted. In July and august a Salynologist Will he here as part of the archerlogical program. He severed like to have a befound work with him but there is no money in the present grant for the Fotamet. I would like to work another Month here during July and august to round out my collections if money can be made available for taulfand keep.

Hunt Institute for Botanical Documentation

The he bringing back, in addition ony own too ommbers, a lot of fragments from the Zomorphologists who are adding plant mididators to Their major. Drawy of These are sterile and unless Soldo Collect to Rame taxa I'll not be able to rdentify theirs. In addition the Hora near The Vanes will be rather different, after the hours begin and many things that I have mirsed with he more correpienous. I'm allo auxious to have another mil to The - Louis & Posnpa sent along a young hotanist named Claudes Delga dillo who Now has had to return to mexico lity. He teaches general biology and also is a student at The Thineracte His interest is morses of which he collected over Too in Oaxaca during our mouth together. His English got much letter but my Spanish always seemed to embarrass Claudio. Dt would be mie if he could come to workington. Dexpect to be back to work on 2 march. Best. Welley [W.R. Ernst]

February 19, 1963

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

Dear Dr. Goodman:

Your package of 26 plants arrived safely and we will eventually provide you with determinations. Thanks for sending the material.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

23-pha-P-2625

VERudd:gt

Feb 21/63 Dear Velva: This is to be a ferronal note full of apologies. I told withver that I would unpie u au oblique sort of way about the requisit (Jen: 16) for Orcedein which I sent to Swallen. I'm not worried in Du least as, having done curating for many a long year, I Know about the time envolved in Such things. It will probably come un this Saturday. (That's out!) 2 nd apolog.) I wouldn't have

Stationary like this made up.

It was given to me as a looning present when I went to China un 1949. Sad. commutary on my letter wrehing habits, with it; That I shell have some of it "legume" touch would aware How do you like the Sout to you? Come out west again and buit is. Regards

TEXAS RESEARCH FOUNDATION RENNER, TEXAS

February 26, 1963

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

Dear Velva:

I have at last recovered from the <u>Solanum</u> work to the extent of getting involved in miscellaneous jobs. One of these is the identification of several sendings that have accrued during the last year or so. Among these, of course, are the 23 sheets of orchids which you sent me for identification about a year ago. These are being returned to you today.

Another determination is <u>Stanhopea saccata</u> Batem. This is the identity of the plant which <u>Theodore B. Ruhoff</u> picked up in an Indian market in Guatemala City and from which a bud was sent to me last August. It is too bad that I did not take the time immediately to boil up the flower because I could have sent you at once the determination since this is a most distinctive species, even in bud. Perhaps now that potatoes are off of my mind I will be able to react more promptly when people ask me to determine individual items.

With best wishes to you and the others in the herbarium,

Sincerely yours,

Donovan S. Correll, Head Botanical Laboratory

DSC/ce

March 7, 1963

Dr. Donovan S. Correll Department of Botany Texas Research Foundation Renner, Texas

Dear Don:

Congratulations on getting all the spuds taken care of and thanks for the determinations, which I have passed along to the collectors. I wish that my progress with research and determinations (bales of indets.) was as good.

Greetings to Dr. Lundell. I haven't forgotten his plants.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

February 28, 1963

Mrs. Olivia Converse 135 East Pedregosa Street Santa Barbara, California

Dear Mrs. Converse:

First of all, thank you for the bus service out to the University in Mexico City. It was nice meeting you, and I am sorry we could not have a longer visit.

Enclosed is a copy of Dr. McVaugh's letter to you concerning your Bursera. Evidently the original is waiting for you in Valle de Bravo.

Best of luck to you and your book. I am frantically trying to dig out from under accumulated odds and ends so I can get back to some research work --- and get caught up enough to go to Mexico for the meetings in September. I hope to see you then.

Sincerely yours,

Enclosure

Velva E. Rudd Associate Curator Division of Phanerogams

P.S.

Your letter of February 12 to me just arrived, apparently because you did not address it to Smithsomian Institution. The postmen do not know about the herbarium, which is only a small part of the Institution.

VERudd:gt

Mrs. Roxana S. Ferris Dudley Herbarium Stanford University Stanford, California

Dear Roxy:

Your touching plea, on such elegant note paper, and my deep affection for you prompted me to pull your loan, dated Jan. 16, a day shead of one for Santa Barbara dated Jan. 15. Don't tell S.B.

We have been running terribly behind with our leans, chiefly because of the quantity of requests. Vacations and flu also have slowed the machinery.

Glad to hear that you returned safely to Stanford, and I hope that your wooden animals did likewise. Do you have them out in the garden ? I am sorry that I missed that last day with you. Also sorry that you were indisposed. It was probably all that tea drinking that did you in. I did have a nice trip with the Mexican boys, and we collected quite a few things. I am in favor of that sort of collecting --- they furnished transportation and plant presses, climbed trees, or threw a rope over the branches to collect specimens, put plants in press, took them back to Mexico City to dry them, and are to send me my set. Afterwards I tried to take them to dinner, but they wouldn't let me have the check, not even for the spiked coco.

We did not get back to look for Cuphea ferrisii so maybe we should plan a special ad hoc expedition. You set the date.

I certainly hope that you will get to Mexico for the September meetings and/or come to Washington for a while.

I had a nice time in California. In addition to visiting my family, I looked in on the folks at UCLs and said my first visit to San Diego. It is going to be very difficult to select any one spot in California for retirement. Each place is nicer and the people more hospitable than the last. Maybe the best idea is to keep moving and not wear out my welcome.

The <u>Ganavalia</u> paper arrived safely but thus far I have only had a chance to look at it superficially. One thing that caught my eye was the enthusiasm for designating lectotypes, even for the synonyms.

Apparently the Stanford Botany Department is to become the editorial center. I trust the relations between the rival publications will be peaceful. Right now I have a little filler item, of a page or so, that I would like to submit, probably to Madrono or to Western Leaflets. It deals with the identity of Acacia cornigers and its relationship to Acacia spadicigers and A. sphaerocephala. I have had to work out a solution (with help from W. Stearn at the British Museum) for an entomology student at Berkeley who is studying the mats in the "bull horns". Would you please ask John if he might have some space fairly soon, or should I write to Tom Howwell?

Wally was here to look us over and is now trying to decide whether he would like to join our little group at USNH.

We are having cold and bleak weather. I wish I were in San Blas.

Greetings to all.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Aptdo. 2959, San José, Costa Rica, March 12, 1963.

Dr. José Cuatrecasas, U. S. National Herbarium, Smithsonian Institution.

Dear Dr. Cuatrecasas,

Under separate cover I am sending a small package of 19 collection numbers recently obtained on the Island of Cocos. Since this flora seems to bear more regisemblance to Colombia than anywhere else I am taking the liberty to send them to you. Perhaps they have little relation to Colombia except for the tree of the humiriaceae but you are the best one to know.

The tree flora is rather sparse as there were only five or six other ppecies which I did not collect because they are well known. I would appreciate very much having identifications of these if possible so that I can pass on the names to Dr. Slud when he returns here at the first of May from the island.

Tomorrow I take off for six weeks in Haiti. Sorry I missed you on my last visit to the Museum in late Jan. and hope you had a pleasant vacation in Mexico.

With best personal wishes,

Sincerely,

L. R. Holdridge.

Dr. Faul Slud Expedition to Cocos Island, Costa Rica, C. A. Higher Plants Collected by L. R. Holdridge, Feb. 22-24, 1963.

	5162.	Myrtaceae	Small tree 6 m. tall in Wafer Bay river valley. 30 m. e
	5163.	Melastomaceae	Tree 8 m. tall. Wafer Bay river valley. 10 m. elev.
-	5164.	Sacáglottis	Tree 12 m. tall. Collected at Wafer Bay. Common on island forming pure stands on the ridges and up to 23. m. tall.
2 sheet	cuan	A Committee Taking	00 Z) · # · Will
	5165.	Spathiphyllum	Occasional at lower elevations.
	5166	Clidemia	Shrub 3 m. tell. Common.
	5167.	Melastomacese	Shrub or small tree, common.
	5168.	Rubiaceae	Shrub or small tree.
	5169.	Rubiaceae	Shrub or small tree.
	5190.	Rubisceae	Shrub, similar to 5168.
	5171.	Melastémaceae	Shrub or small tree, large leaves.
	5172.	Melastemacese	Woody herb. Elev. 250 m.
	5173.	Myrtaceae	Small tree, 5 m. tall. Elev. 300 m.
	5174. F	Rubisceae	Slender branched tree, 6 m. tall at 250 m. elev.
	5175.	Cyperaceae	Small sedge common at higher elev.
	5176.	Marcgravia	Vine, common.
	5177.	Ardisia (?)	Small tree eccasional en ridges.
	5178.	Miconia	Small tree, 5 m. tall at 300 m. elev.
	5179.	Miconia	Small tree, 5m. tall at 300 m. elev. Leaves brownish beneath.
	5180.	Lephaimos	Yellow flowered parasitic plant in soil under Sacoglettis forest. Elev. 200 m.

March 23, 1963

grad de gran

247246

P- = 643

Miss Velva Rudd Smithonian Institution *ashington, D. C.

Dear Miss Rudd:

Dr. Lyman Smith informed me that you from now on would be in charge of Hispaniolan plants. That means for me that all my problems in that sense will be solved by you. In that way I will give you many, many troubles. I am very sorry about it.

Some time ago I sent a lot of plants to Mr. Leonard. One of the numbers, Nº 4291 was identified by him as Alternanthera lanuginosa Urb. & Ekm.

It seems that this plant was not published at the time of their death > because no mention in any botanical paper has been made as far as I know.

Please let me know whether you have specimens of the plant other than the mine and if so to give me the localities, number and so forth. If it has been published please let me know.

I am preparing a lot of plants to be sent to you very soon.

Still you have in the Smithonian lots of plants that were not identified by Mr. Leonard. Will be that your task in the future?

With best thanks and apologies I remain yours very sincerely

* Urlan & Ekman teaths'

P-2643 137 G 1541 5 - torress. 2 gomes F-642 6

148

April 2, 1963

Dr. T.G.Yuncker
DePauw University
Greencastle, Indiana

Dear Dr. Yuncker:

Here is another duplicate for you of a Mexican <u>Piper</u>
that I have not been able to match to my satisfaction.

I should appreciate any suggestions as to name. This is
one of a let of plants sent by a young man who is studying
the butterflies of the area.

Best wishes for a pleasant spring.

Sincerely,

Velva E. Rudd

Associate Curstor

Division of Phanerogams

Gary n. Ross # 25

Dear Miss Rudd:

Thank you very much for your determinations of the two plants I sent. The E. supina showed some minor variations from our other herbarium material of this species and the idea it came from Europe caused my indecision about it. I am chagrained about the Brassica kaber. Compared with the other Indiana material of this species in the herbarium it shows some differences. However, I should have made it out in spite of the variations. I will write Dr. Smith in Brazil.

Sincerely,

J. J. June

April 10, 1963

Air-Mail

Dr. José de Js. Jiménes, Calle Minimo Gómes 34 Santiago de Los Caballeros Republica Dominicana, West Indies

Dear Dr. Jiménes:

The two packages of plants, with life specimens, that you sent for determination have arrived safely and I will do what I can with them as soon as possible. I must warn you that I will not be able to give you such special service as Nr. Leonard. I am not familiar with the West Indian flora so it may be impossible for me to name the starile material. As to Nr. Leonard's backlog, I do not know when I can get to that as I already have a large backlog of my own, of Mexican and Central American plants.

Your number 1291 is Tidestromia lammginosa (Nutt.) Staril. The "Urb. & Ekm." name was not published. We have one other sheet of the species from the Dominican Republic: Ekman 9861, collected 16-h-28 in "Moya de Enriquillo, Prov. Barahona, Laguna de Enriquillo, in Isla de Cabritos. Sandy places".

Best wishes for a happy Easter.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogans

VERudd:gt

DEPARTMENT OF BOTANY BERKELEY 4, CALIFORNIA

27 April 1963

Dear Velva,

This is my Saturday on duty and I am trying to put the finishing touches on my Alvordia manuscript so that I can give it to a typist next week. In checking over my citations, I find that I goofed and left off the collector's name for a US collection from San José del Cabo, 29 September 1893. I think that the sheet is a Brandegee collection, but I'd appreciate verification of this. It will be in the folder annotated as Alvordia fruticosa var. Brandegeei.

When I annotated these tip of the Cape things as A. fruticosa var. Brandegeei, I had qualms about putting them in varietal status. Then when I was down in November I had the opportunity of seeing all of them in the field again as well as of obtaining pickled buds of all but one taxa. The resulting chromosome counts strengthened my doubts and after making a lot more dissections and measurements I decided that A. fruticosa var. Brandegeei merited specific status. I'm enclosing seven annotations for the US sheets of this taxon that had been sent to me on loan. Could I impose on you to remove the annotations indicating varietal status and in their place put these reading Alvordia Brandegeei? Thanks ever so much.

Did you hear anything about details of the Segundo Congreso? I haven't yet written expressing interest. Neither have I had time to do anything about preparing a paper!

A Yucatan field trip would be fun, but I think that I should head for my own territory and see what it offers at that time of year. It will be a bad time of the semester for me to be away for very long.

Thanks for the info about the Starteck (?) camera. I haven't yet had an opportunity to ask Elizabeth about the details that you sent along to her.

We're having the first sunny Saturday in weeks; so I think that I'll take my bite of lunch outside and then take care of domestic duties like food-shopping and tracking down a few items that I hope to take to L_0 reto if I'm able to head in that direction next month.

With best wishes, como siempre

Annetta Carter

Dr. Velva Rudd Dept. of Botany Smithsonian Institution Washington 25, DC

Hunt Institute for Botanical Documentation

need anothe Danne 1114

Department of Botany April 29, 1963

Miss Annetta Certer
Department of Botany
University of California
Borkeley 4, 1963

Dear Annetta:

Your letter with little slips received and duly stuck.

We have two sheets of <u>Dawson</u> 1114 in case you want to send another annotation. I have fixed the old one passibly.

The sheet of 29 Sept. 1893 is a Brandegee collection, as you thought.

On Friday last I received "Programa Provisional" so best you indicate your intentions. I have done nothing yet on paper but I do plan to go to the meetings and take part in as many field trips as possible. I still want to see "your territory" but will get to that later. It won't be too many years before I can retire and then head for the scuthwest more or less permanently.

My Startech camera seems to have an indisposition right now --- it won't flash! I do not know if it is a condition requiring professional attention or if it is something I can fix. I have a feeling that I should get a flash gadget for my Exacta.

Hello to Helen, the Mason's et al. Is Herbert going to get his book draft finished by June ?. My best to you, Velva E. Rudd Assoc. Curator

DEPARTMENT OF BOTANY BERKELEY 4, CALIFORNIA

May 3, 1963

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

Dear Velva:

Thanks for your prompt reply and for sticking on the replacement legends. One for the second sheet of Dawson 1114 is enclosed.

As you suggest, I'm writing for information about the Congreso. I don't know when I'll get a paper prepared!

Herbert sends greetings too. Other things have intervened and he has gotten his philosophy of taxonomy as polished off as he had hoped.

Sincerely yours,

Annetta Carter Principal Herbarium Botanist

AC:jr

This past you we've had a postdactored scholar from Cordoba, Argentinia with us 2 mit Difulvio. The is currently taking advantage of Graybound's 99 travel affect of may have up in washing for soon. Their a real nice person of bragges to attend The Segundo Congreso on her way home to degenting.

alear Dr. Rudd;

herbarium specimens we have been studying the have not yet completed our studies. I note on our copy of the loan wheet that your type specimena are looned for 60 days, I would like to request that the loan on these types he extended for 30 days. I am not certain that we shall need them for as long an additional period as this, but would like to have in also should like to retain the non-types for a longer period "Escobario"

Earlier I barrowed the specimen of Hammillaria leei (?) "which was later returned, Our plants that recemble En. Leei (?) are non beginning to flower, and we woon was me altain flowers and fruits shall be able to some to a conclusion.

for me, although it may be a difficult one? Bødecker in Mamm Vergl. - Shlissel 17.1933 lee: I am trying to learn what specimen or specimen of the had at hand an which he based the description?

The new species: In this connection would be to the description.

be quite helfful if you could let me know if
you have any record that would show that
Bödeker at any time barrowed the U.S. Matinal
Sterbarium specimen.

Thanking you most cardially for
your excellent cooperation, I am,

Sincerely yours,

Elleastetter

May 16, 1963

95 -1-50

Dr. Eizi Matuda Instituto de Biología Universidad Nacional Autonoma de Mexico Mexico 20, D.F. Mexico

Dear Dr. Matuda:

Enclosed is a list with some more identifications for the plant specimens you sent us some time ago. I hope that you are wall enough to be working at home, if not at the Institute.

I still have a bundle of legumes to name for you. I have been waiting until I might have time to do a careful job on them. I hope that will be soon.

We also still have the problem of the mixed-up labels. The three numbers and the three names are at the end of the list. If you ever figure out which number goes with which name, please let me know.

My best wishes to you. I look forward to seeing you in September.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

P.S. Well the Criscian specimens are being borrowed by Dr. Quentry at U. of minnessta. VERudd: gt who is preparing a revision.

E. Matuda - Plants of Mexico U.S. National Museum No. 209223 Reported May 16, 1963 Determined by V.E. Rudd unless otherwise noted

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Misc.:
    19631
             Dalea Lutea Cav.
                                                       det. R.C. Barneby
    29716
             Cyperus humilis Kunth
    29780
             Luzula caricina E. Mey.
Gyperus mutisii (H.B.K.) Griseb.? (* C. cyperoides (L.) O. Ktze.?)
    30012
    30098
             Fimbristylis dichotoma (L.) Vahl
    30099
             Cyperus ochraceus Vahl
             Cyperus odoratus L.
    301.06
             Scleria setacea Poir. (nearly glabrous)
    30274
             Lippia callicarpaefolia H.B.K. vel aff.
    3183h
             Astragalus guatemalensis var. oaxacanus Jones Det. R.C. Barneby
   Cirsium:
             Cirsium guatemalense Blake
                                               det. J.H. Beaman
   18541
             Cirsium sp.
   18672
             Cirsium sp.
   18786
             Cirsium sp.
             Cirsium subcariaceum (Less.) Sch. Bip.
                                                          det. K.F. Parker
   18993
                 " of, guatemalense Blake
                                                             11 11
   19054
                 " subcoriaceum (Less.) Sch. Bip.
- 19216 ?
19407
             [last number not clear] Circium of. linearifolius Greene det.K.F. Parker
             Circium subcornaceum (Less.) Sch. Rip.
                                                            det. K.F. Parker
   19432
                m pascuarense (H.B.K.) Spreng.? m
jorullense (H.B.K.) Spreng. subsp.? m
subcoriaceum (Less.) Sch. Bip. dst
                                                            11 11
   19434
   19601
                                                           det. J.H. Beaman
   20883
            Cirsium sp.
   25748
26088
28695
            Cirsium conspicuum Sch. Rip.
                                                           det. K.F. Parker
            Cirsium sp.
   30093
   30729
                    cf. conspicuum Sch. Rip.
   32245
                     nivale (H.B.K.) Sch. Bip.
                                                 det. K.F. Parker
   Misc. Compositae: all det. K.F. Parker
   6033
            Vernonia triflosculosa H.B.K.
  16796
            Baccharis glutinosa Pers.
  17963
18461
            Montanoa grandiflora (DC.) Sch. Bip.
            Liabum of, hypochlorum Blake
            Gnaphalium salicifolium (Bertol.) Sch. Bip.
  18801
  18838
            Conyga coronopifolia H.B.K.
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18869
          Gnaphalium leptophyllum DC. ?
18909
18962
19014 or
          Senecio sanguisorbae
          Gnaphalium oxyphyllum
19614 ?
          (Middle number is unclear). Viguiera dentata
                    (cav.) Spreng. var. brevipes (DC.) Blake
         Gnaphalium leptophyllum DC.?
Senecio bombycopholis Bullock
19016
190hb
19118
          Eupatorium prunellasfolium H.B.K.
19164
          Gnaphalium oxyphyllum DC.
19231
          Hieracium mexicanum Less.
19240
         Helenium integrifolium (H.B.K.) B. & H.
19287
          Conyes coronopifolia H.B.K.
19300
19347
         Gnaphalium oxyphyllum DC.?
         Bidens schaffneri (A. Gray) Sherff
19356
19361
19369
19372
19430
         Ambrosia peruviana Willd.
          Bidens aures (Ait.) Sherff
         Adenopappus persicaefolius Benth.
          Bidens schaffneri (A. Gray) Sherff
         Hecubaea scorzoneraefolia DC.
19431
          Senecio deformis Klatt.
19443
         Artemisia ludoviciana Nutt. subsp.
               mexicana (Willd.) Keck
19470
         Senecio stoechadiformis DC.
19579
          Bidens serrulata (Poir.) Desf.
         Artemisia ludoviciana Nutt. subsp.
               mexicana (Willd.) Keck
19627
         Bidens serrulata (Poir.) Desf.
         Gnaphalium purpurascens DC.
19636
          Brickellia pendula (Schrad.) A. Gray
29347
29503
         Eupatoriastrum triangulare (DC.) Robs.
         Viguiera buddleiaeformis (DC). B.&H.
32163 ?
         [last number not clear]. Senecio procumbens H.B.K.
32171
          Baccharis pteronoides DC. (female plant)
32193
          Senecio deformis Klatt
3219h
          Onaphalium leptophyllum DC.
32195
         Senecio albonervius Greenm.
32210
          Bidens anthemoides (DC.) Sherff
32218
          [Gold 190]. Senecio calcareus H.B.K.
32219
          [Gold 191]. Oxylobus arbutifolius (H.B.K.) A. Gray
32220
          [Gold 189]. Gnaphalium lavandulaceum DC.
32222
         Tithonia diversifolia (Hemsl.) A. Gray
         Gnaphalium lavandulaceum DC.
         Senecio gerberaefolius Sch. Bip.
32239
         Aster pauciflorus Nutt.
322h9
         Senecio confusus Britt.
         Senecio callosus Sch. Bip.
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32259 Eupatorium rhomboideum H.B.K. 32260 " patzcuarense H.B.K. 32264 Machaeranthera tagetina Greene 32279 Flaveria ramosissima Klatt.

511/3 --- ? 3221/1 --- ? 32282 --- ?

--? Dahlia coccinea Cav.
--? Jungia ferruginea L.f.
--? Schkuhria multiflora H. & A.

May 22, 1963

Dr. A.L.Bernardi Conservatoire et Jardin botanique 192 route de Lausanne Genève, Switzerland

Dear Dr. Bernardi:

Very soon I hope to return the specimens of Ormosia that I borrowed from the various herbaria. There are, as always, problems that continue to appear and to prevent completion of the manuscript. One such problem involves your collection of Ormosia sp. (No. 3155?), 11 Mayo 1957 or 1956. [The year is written /957. There is no collector's number on the label, but, in pencil, has been written above, 3155]. The label is of the Universidad de Los Andes, Merida, Venezuela, but no locality is given. Similar material I have seen from the Avila, but not from Merida. Could you please check your field notes and tell me where you collected the specimen, which I am referring to C. avilensis Pittier, emend. Fierce.

IncideAtally, I have seen two other collections of yours, No. 1623, C. paraensis Ducke, at VAN, and No. 6665, C. macrophylla Ducke, at NY.

Thank you, and best wishes.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

May 22ml 1963 Vegel 4, Valle le Bravo. Dear Dr. Rude! Their is a slea for halfs - on the way of advice ._ land of the schason you the said delagice getter neg job done is the state of come state compension ice whode I kneed _ cond as which I wester bours, days. I did a traceries of and an writch about the best known of the Mexican planes (Spondices) which is riefor describer after the resides. Standless lists it as S. momber on people 656, and corrects that In I peur purea on paye 1671 Bottop Martenez + Miranda follow him, but they de rotapre with facts about this common fint. I develope is I defaulter become there of their is fall frient, in coordiets from Aagast heldson. feet row 302 4 often places have been ripe, but they were give different from the single one of the auterna. there? Someone to whom search render AIR.

very importunation and where opienion would be absolutely accorde? It regat be booter theer while, for I have been no close to these placets I may have collected something new. - But I should need a feerly prompt accours. Next, det you ever hear of a mon blease made I probably wheat well correctly. Dr. Saly mozy- from on of to reretterre maiversitées? Ne is, Dheliève, a specialist on rememblation. (He cause through here torold you reduce ashing his help? (8) nat Horgical the winter. Somethery has happened to the type locitor, it vous date, good - as you see - I new feeling a bet desperate Ido hope all is well with you! Swierrely! (Ellosea Courses

Dra. Velva Rudd Department of Botany Smithsonian Institution Washington D.C.

Recordada Velva:

Con el Dr. Steyermark recibí tu bellísimo regalo, quedé fascinada, fue una sorpresa maravillosa, así que te envío las gracias.

Espero que habrás visto últimamente a Mrs. Chase o al menos tenido noticias de élla; te agradecería muchísimo me escribieras y me dijeras algo sobre su salud, pues sospecho que no será buena ya que no recibo sus cartas desde hace bastante tiempo. Para su cumpleaños le pedí a mi amiga la Sra. Trejo le enviara unas flores con una tarjeta que le ha bía escrito previamente, así que espero las habrá recibido. Yo esperaba estar en Washington para esa época y había apar tado pasajes para el 4 de abril, pero el 30 de marzo se enfermó la muchacha que me hace el trabajo de la casa y que tiene 10 años trabajando con nosotros con una fuerte depresión nerviosa y tuvimos que internarla en un Sanatorio, e inmediatamente después el Coronel Trejo fue enviado a ocupar otro Cargo en Alemania y yo pensaba llegar a su casa, ya que me habían invitado varias veces. Después de presentar se tantos inconvenientes decidí posponer mi viaje para más tarde, ya les avisaré.

Espero recibir cartas tuyas. Un saludo muy cordial para todos nuestros amigos del Herbario, y para tí un abrazo afectueso de,

Moraida [Luces de Fabres]

May 88, 1963

Dr. Robert B. Woodson Missouri Sotanical Garden 2315 Tower Grave Ave. St. Louis, Missouri

Dear Bob:

Will you please do a cover-up job for me. I just discovered that I had forgotten a species of Ormosia, fortunately, a synonym. The enclosed annotation label should be substituted for the one I previously placed on Steyermark 62245, a Venezuelan collection. It was correctly named and presumably is filed as O.monosperma, but being an isotype, you may want to dress it up in a fancy cover.

I am at the stage of trying to chase the last bugs out of the paper, but they have been more prolific than I would like.

Thanks and season's greetings.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

MISSOURI BOTANICAL GARDEN

"SHAW'S GARDEN"
2315 TOWER GROVE AVENUE
ST. LOUIS 10, MISSOURI

(Dictated) May 24, 1963

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

Dear Velva:

Thanks a lot for your note of May 22 and the substitute annotation label which is greatly appreciated. You bet, the specimen will be dressed up in a "pink pajama."

Sincerely,

Robert E. Woodson, Jr. Curator of the Herbarium

REW:DP

COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS
DEPARTMENT OF BOTANY - MINNEAPOLIS 14

May 27, 19 63

Dr. Velva E. Rudd Dept. of Botany U. S. National Herbarium Smithsonian Institute Washington 25, D.C.

Dear Dr. Rudd:

While in Washington recently, Dr. Gerald B. Ownbey was planning to obtain some information on the Pyroleae for me. Unfortunately, he forgot to do it, and he suggested that perchance you would get the information for me. I am going to Mexico this next month, about June 14, to collect living material of the Pyroleae for my doctoral research, and I am in need of locations where they can be found. Specifically, I need species names and locations where plants have been found in order to construct an itinerary that will be successful.

If you could possibly supply me with the above information on your collections of Mexican specimens, I should be deeply indebted. The genera involved are:

Pyrola

Chimaphila

Orthilia (Ramischia).

I thank you for your attention to this request, and remain,

Sincerely yours, Hony Moder Gary R. Baker



CONSERVATOIRE ET JARDIN BOTANIQUES

ROUTE DE LAUSANNE 192

HERBIERS BOISSIER DE CANDOLLE ET DELESSERT RÉUNIS

DIR .: PROF. Dr CHARLES BAEHNI

GENÈVE. May 28, 1963.

Miss Velva E, RUDD Associate Curator Smithsonian Institution Washington 25 D.C.

U.S.A.

Dear Miss Rudd,

I reply to your of May 22, 1963, with all my speed, good will, but alse few news about the number 3155 (= Ormosia avilensis). My field notes, with almost all my collections, are at Merida. I have here scattered specimens of mine, but it were a big work and of uncertain issue to check out those samples. I can only ascertain you the year: 1956.

I am sure that if you write to Prof. Luis Ruiz Téran, Universidad de Los Andes, Mérida, who is now in my old place, you will get the sure answer, since all my field books are in his office and herbarium.

I remember just now that we asked to you some springs ago your photo-portrait for our iconographic records. Can you please kindly fulfil our request?

With my best regards,

Truly.

Bernerdi Luciano Bernardi

May 29, 1963

Mr. Gary R. Baker Department of Botany University of Minnesota Minneapolis 14, Minnesota

Dear Mr. Baker:

Enclosed are my pencil notes of Pyroleae localities in Mexico. I trust they are readable. The distribution of the group appears to be fairly extensive but there have been relatively few collections -- probably because the habitats are a bit beyond reach from the readside.

Have a good trip, and keep us in mind for duplicates of herbarium specimens.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

P.S. Please tell Dr. Ownbey that his <u>Cirsium</u> loan is being packed today. The plant-mounter went all out on repairing the sheets, hence the delay.

May 31, 1963

Mrs. Olivia Converse Vergel 7 Valle de Bravo Mexico, MEXICO

Dear Mrs. Converse:

In answer to your letter of May 22, at present no one seems to be working on Spondias. One person annotated our specimens in 1951 but, apparently, has never published on his studies and has since gone to another job in Iran. Another person who is interested in the Anacardiaceae is now in Iraq. Those of us here who might try to help cannot guarantee promptness, especially if your problem requires monographic treatment. The "Sclomczy" rings no bells. The nearest I know 4s Dr. Rzedowski at the Instituto Politécico Nacional in Mexico City. Have you met him yet ? He might be quite helpful to you.

As to Spondias membin vs. S. purpurea, you can follow Standley as corrected, ie., S. membin is the yellow plum and S. purpurea the purple one. However, what you have might be a new species, a hybrid, a variety, or some other introduced species such a S. dulcis. Why don't you just do your article about "Mexican plum (Spondias sp.)". That sort of thing is done frequently and is better than confusing the literature with a wrong name.

A major problem in connection with naming Mexican plants is that there have been names given hit and miss to various plants that caught the eye for the past 200 years or more. Now we need systematic work, to examine types, many of which are in European herbaria, to produce worthwhile monographis studies, which take time. For example, this <u>Ormosia</u> problem I am struggling to finish has been in progress for several years, and even now, at the last minute, I find I must get more information from the Museum in Stockholm concerning collections made circa 1785.

One of your chief difficulties is your having jumped into the middle of botany, full grown and fully clothed, so to speak, without basic preparation. Taking a few courses in botany would help, perhaps from Dr. Rzedowski.

I hope that you plan to attend the Congreso in S.L.P. in September. Annetts and I both plan to be there. I think she will go on to Baja afterwards, and I hope to go down as far as Yucatan.

Best of luck. Sorry I can't be more helpful. Sincerely,

Velva E. Rudd

Long Bart.

COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS DEPARTMENT OF BOTANY · MINNEAPOLIS 14

June 4, 1963

Dr. Velva E. Rudd Associate Curator Division of Phanerogams Smithsonian Institute U S National Herbarium Washington 25. D. C.

Dear Br. Rudd:

Many thanks for the valuable list of locations AND the reprints! Now I shall be nasty and bother you once more. Do you know anything about a place called Pineridge Pass, Sonora by Camp (Torr. Bot. Club Bull. Vol. 66) on Mexican Ericads. In Camps paper, it is listed for a specimen collected by Hartman, in or about 1890. I have no idea where it is, and this is one of the most critical locations for me, since this is one of the two locations where Camp believes that C. maculata and C. menziesii have hybridized.

If you personally know anything about Pineridge Pass, I would be very pleased to know. If not, I can't be blamed for trying!

I trust that you must be sharing our rather uncomfortable weather- hot, humid, and most unpleasant. I am looking forward to Mexico most anxiously- it can't be worse than this and is most likely for more pleasant.

Sincerely yours.

Dithur, Suggest he with I wigger.

June 4, 1963

Dr. Velva Rudd Smithsonian Institution Washington 25, D.C.

Dear Dr. Rudd:

Last summer after sending you afew sheets of Galactia

I made additional collections of legumes in central

Florida. The fascicle of twenty-three sheets, mailed today consist mostly Galactia and Centrosema. I recall from your letter that you were looking forward to monographing "exican species. In your study, when you change the names I have given them, please send me the number of each collection.

I shall be teaching six weeks this summer. Not even taxonomy only general botany. I consented to fill a vacancy of an instructor leaving for advanced study.

Ysterday I had a delighful trip to the Fern Grottoes in Citrus County. Anything different from a sandhill formation in Florida is exciting.

I think of you often. With best wishes,

vega Labela.

June 6, 1963

Mrs. Morris W. Clint 2005 Palm Boulevard Brownsville, Texas

Dear Mrs. Clint:

At last I think we may have a name for your little unarmed Gerstesamis. Back in 1955 when I nemed it G. mexicane for you I was not completely confident and hoped that when mature seeds and cones were available we might find it to be new.

The enclosed description of <u>C. zaragozae</u> seems to fit. Perhaps, if you still have your living material, you can confirm the identification. I should appreciate your comments. I have tentatively annotated the \$45.5 pecimens you sent as this new species. I see in Meddilin's text that he plans to send us an isotype. I also expect to see him, and, Perhaps, living material in September when the Segundo Congreso of Maxican Botany meets in San Luia Petosi.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

Postered soft letter 1943.

June 10, 1963

Biol. Fernando Medellin-Leal Apartado Postal 458 San Luis Potosí, S.L.P. México

Estimado Biol. Medellin:

Enclosed is my preliminary registration and an abstract of the paper I plan to present at the Segundo Congreso. I look forward to attending the meetings and seeing you again.

In addition to information about botels, I should appreciate your suggestions as to clothes, especially for the field trips. Will we need raincoats, sweaters, boots, etc.?

I was very interested in your recent paper describing a new species of Corstozamia, and I was gled to see that you plan to send an isotype to US. Several years ago I received material of an unarmed Corstozamia from S.L.P. sent by Mrs. Morris Clint of Brownsville, Texas. I suspected a new species but lacked mature cones and seeds. From your description, I believe that at least one of Mrs. Clint's specimens (from about 30 miles west of Antiguo Morelos, Tamp.) represents C. zaragozae.

Best wishes. Hasta la vista.

Sincerely.

Velvs E. Rudd Associate Curetor Division of Phanerogams

2005 Palm Boulevard Brownsville, Texas June 10, 1963

Dr. Velva E. Rudd Associate Curator Division of Fhanerogams Smithsonion Institution Washington 25, D. C.

Dear Dr. Rudd:

Thank you for your letter of June 6. It was very kind and thoughtful of you to contact us again on the little unarmed species of Ceratozamia from the state of San Luis Potosi. I am presuming you refer to our No. M-llll? It has been a long time, but I though we did send mature cones of this species, even though there were many immature seed which had perhaps not been fertilized. It might take another year or so, but would you like for me to send more cones? I think it would be much better to ship the entire cone intact, rather than wait for bursting maturity as I did before.

We are particularly grateful for the paper by Medellin describing Ceratozamia zaragosae. For I am certain that we have several plants of this new species, collected in July of 1961 by L. E. Guerra very near the type locality! It is a beautiful little species, very airy and graceful and quite unique in its porcupine-like leaves. The extremely narrow leaflets fan out in all directions as they follow the twisting leaf stem. We are not familiar with the cones of this species as yet. Perhaps I can send you material when available and you can confirm the determination.

Though small and unarmed, also, I do not believe M-lll should be placed with C. saragosae, due to the character of the leaves and leaflets alone. I feel sure that you will agree when you receive the material from Medellin.

I believe you once called the cycads "tricky". They are, indeed, but mostly because they have been covered so very poorly. Why don't you take them under your wing and straighten them out? In the years since I sent in the specimens to the Smithsonion we have seen many variations in Ceratozamia, Zamia and Dioon, and are growing most of them. L. E. Guerra, of Mission, Texas has managed to find some fabulous plants, several of which I feel sure are undescribed what would you say to a Ceratozamia which has up to 5-6 leaflets fanning out from more of less the same junction with the stem? These fans of leaflets are several inches apart an a tall, slightly armed stem. Another magnificent group has extremely broad, soft, glaucous leaflets, close to 2" broad. Still another Ceratozamia has very long, stiffly upright leaves, with very narrow leaflets set closely on a slowly twisting stem, the ultimate effect being quite different from C. zaragosae. The rhachis on this is very heavily armed. One plant 7 feet tall.

There is a species of Dicon which is being imported under the name D. purpusii (for lack of a correct name) which may be an undescribed species, or at least one of the newly described ones which does not appear in Schuster. Habit of Dicon edule, with the leaves densely wooly when young, lingering for a long time. leaves somewhat like D. edule, leaflets midway between D. e dule and D. spinulosum, yet actually not like either of them, set so closely on the stem in one form and at such an angle that they are not in one plane, but like venetian blinds. Leaf bases on the trunk quite distinct from either D. edule or D. spinulosum.

Perhaps when you see Medellin in September, you can talk him into more extensive work on the cycads. Variations and new species lie buried in inaccesible territory. Some of these are coming to light with the opening of new roads, others may never be found. The multiple fan leaflet Ceratozamia was brought to Mr. Guerra by natives living in the mountains west of Tamazunchale, S.L.P., Mr. Guerra's old home town! Not fay as the crow flies, but not even a burro trail.

Very sincerely yours,

Carlie Blink

Mrs. Norris Clint

Air-Mail

228969

June 14, 1963

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

Dear Mr. Hunt:

Here are a few more names and further comments on some you already have. As visitors pass through the herbarium I try to catch them for determinations of their specialties, as you will notice.

Hunt 398, previously reported as Cirsium conspicuum, is C. horridulum Michx., fide G. Oumbey.

Dr. Mohlenbrock confirms my determinations of your nos. 2h, 26, and 219, but says that 26 is somewhat atypical Zornia reticulata.

Our material of your 177 has medifixed bracts and no bracteoles, hence, is <u>Utricularia</u> pusilla Vahl. I appreciate Mr. Taylor's comments on the other <u>Utricularia</u> specimens.

The attached list is still incomplete, lacking mostly Rubiaceae and Compositae, for which there are no adequate floristic treatments as yet.

Sincerely yours,

Velva E. Rudd Associate Gurator Division of Phanerogams



VERudd:gt

Plants of British Henduras collected by David R. Hunt U.S. National Museum No. 228969 Reported June 1h, 1963 Identified by V.E. Rudd unless otherwise noted.

Borreria suaveolens May. 40 Crusea calocephala DC. 40. 43. Ageratum ellipticum Robins. 103. Chaptalia mitans (L.) Folak 107. Richardia scabra L. Hyptis conferta Pohl ex Benth. 143. Diodia sarmentosa Sw. 147. Marsypianthes chamaedrys (Vahl) Ktse. Soutellaria orichalces Donn, Sm. 168. Hyptis conferts Pohl ex Benth. 177. Utricularia pusilla Vahl 197. fide P. Taylor Utricularia cornuta Micha. 203. Utricularia adpressa St. Hil. 204. Genlisea filiform's St. Hil. 205. Utricularia hispida Lam. 220. Spiranthes tortilis (Sw.) L.C. Rich. Det. D.S. Correll Utricularia subulata L. 236. Borreria suaveolens May. 317. Hyptis lantanaefolia Poit. 3316 Hyptis conferta Pohl ex Benth. 353. 374. Mitracarpus hirtus (L.) DC. fide P. Taylor Utricularia cornuta Michx. 381. Utricularia fimbriata H.B.K. Lok. Spiranthes orchioides (Sw.) A. Rich. Det. D.C. Correll 4130 Gnaphalium attenuatum DC. 161. Borreria ocymoides (Burm. f.)

June 17, 1963

Dr. Olga Lakela The University of South Florida Tampa, Florida

Dear Dr. Lakela:

Thank you for the legumes and also for Mr. Shetler's bide bells. Today he and his wife are flying to Alsaka for a 10 weeks stay, so he asked me to aknowledge his material as well. He did not, however, leave me his "green sheet". I hope the one will be enough.

From the localities on the labels, I see that you have been buzzing around quite a bit. A little teaching this summer will be interesting, and will keep you from forgetting which is xylom and which is phloen, etc. I find that some of the details of freshman botany slip away pretty fast when not used.

I hope that I will be able to find a set-up similar to yours, but in the southern California area when my day of retirement comes. (I like the Spanish word for retirement: f "jubilación"). I can take optional retirement in about eight years. My sister lives in the Los Angeles area --- and Mexico is not too far away:

Best wishes for continuing health and activity.

Sincerely,

Velva B. Rudd Associate Curator Division of Phanerogams

June 27, 1963

Dr. A.L.Bernardi Conservatoire et Jardin botanique 192 route de Lausanne Genève, Switzerland

Dear Dr. Bernardi:

Thank you for your prompt reply to my letter. I have written to Prof. Ruiz Téran and hope that I will receive the necessary data.

Enclosed is a print of my most recent passport photo. When you asked previously, I could not find my extra copies. Sorry not to have aknowledged your request sooner.

Sincerely yours,

Velva E. Rudd Associate Curater Division of Phanerogams

STANFORD UNIVERSITY

Department of Biological Sciences
DIVISION OF SYSTEMATIC BIOLOGY

July 3, 1963

Dr. V. E. Rudd United States National Museum Smithsonian Institution Washington 25, D. G.

Dear Velva:

The U.S. Herbarium loan of 144 sheets of <u>Oncidium</u> including the type species of $\underline{0}$. <u>haitiense</u> is being shipped back by prepaid express. Before he left, Dr. Withner expressed his thanks for same.

With that out of the way I can now speak unofficially. I will not be able to join the botanical ladies at the Mexican Congress. I haven't enough of you-know-what handy for the trip. Besides about that time I will be getting the Inverness cabin habitable. Wish you could see it. It is beautiful now, a-sitting among the Bishop pines.

I wish you could have been at my farewell dinner. It was superb. And then that volume of letters, complete with pictures! How people must have hated me when asked to write. Believe me, I treasure it, letters, pictures and all. I especially treasure the San Blas scene, complete with people. We will have to go there again some time, but I'll study my lesson a little more thoroughly before I go.

Hope when you come west you take in the Bay region. The cats and I will be expecting you.

Sincerely,

Roxana S. Ferris

RSF: bb

236711

July 10, 1963

Prof. Dr. H. Mermetiller Botanische Staatssammlung Menminger Strasse 67 Minchen 19, Germany

Dear Prof. Dr. Marmailler:

Thank you very much for lending me the 36 sheets

of Ormsia, which I have annotated, and an now returning.

It has been helpful to see these valuable collections.

I am sorry to have kept the material longer than planned but, as usual, there have been unforseen problems.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

Vergal 7, Valle de Bravo - and Sunday, July 31st, 1963

Dear Dr. Rudd:

This will have to be a most informal and hurried letter, and it must begin with a sincere apology. I am chagrined when I see the date of your extremely generous letter, - it is May 31st.

To answer it I have to be personal. It arrived when I was having a disgusting time with an intestinal bacteria called Salmonella. All I can say about it is "avoid it." I only became free of it when the level went to Santa Barbara the beginning of this month. Beside this trimming a good many complications have developed in my personal life, - I'm trying to tidy them quickly, but must go to New York on business the end of August, and shall be gone about 3 weeks.

This means I cannot be present when the Congreso opens, but I am hoping to perhaps get there in time to saludar you all, maybe stay over in San Luis 2 nights on my way to the border, - where I have to renow car papers.

I'm planning to send a carbon of this to Annetta. She knows this house, and I am going to leave word that everything will be ready for you if you by chance want to spend a little time here. You can imagine how disappointed I am not to be able to carry out the plan I was incubating. This was to pick you two up after the Congreso, and take you where ever you wanted.

Señora
My little cook's name is Trinidad Bautista. She will stay in the house for me. If there is anything at all we can offer, a stay or a comida, will you wire her well (say 2 days) in advance? Catering here is a little difficult.

Now about Spondias. I am going to enclose, a copy of the article I have written about the plant I drew. I note with the greatest interest all you had to say concerning this genus. As I tried to tract "mine" down I became more and more confused, and also more interested. My plant simply is not described in any literature I have found. Talking of this at the Institute I found that Mr. Matuda had had for years the same opinion, and the he was most interested in this plant. I could not leave it as Spondias sp. if this is avoidable. He wanted me to a drawing of the flowers next spring, which with his instruction, will not be too complicated, - though I have never done one of those magnified detail effects, and plans to publish something in the Bulletin. Vamos a ver. If it is not too much trouble Annetta may be interested in the article.

You were so understanding about my "difficulties" that I ammost

- well, not wept, but something. I do not want to be a botanist, it is far too late, Nor a writer, though Annetta will be glad to hear that the writing now goes a little easier. I want to draw. And to finish. So that I can stop hounding you all, and just relax and enjoy you!

I hope so very much to great you both in SLP.

Am going to enclose a specimen of bamboo, collected near here and a real horticultural find. It would be fun to have it classified.

Again all my thanks for your interest and advice, and with warm greetings,

Sincerely, Clinic Course

PS. It was a Dr. S. C. Solward, U.S. L.
Box 452, Lafagette, Duisiana. He's
speciality is Taxonomy. But after
aboutting we I forced be had weake
a wistable right hore!

Lascacis sorghodea (Desv.) Hetche + Chase

Oxolive # 198

Plant collected January, 1961, - but specimen enclosed is from my garden, where it has grown luxuriantly, and is far prettion then when in the wild.

Plant found just below Valle de Bravo, and below dam; in river bed, on south side.

This plant flowers for a long period when in cultivation. And has the unusual characteristic of a change in the color of the leaves which at times are streaked with a soft rod!

Not a very good description, is it?

But plant is charing.

formal (sustance) accordent telle goratte of total will flowers and granes.

The Plant los bem tudo, and to about I meter. This year those are a few shorts of almost 2 meters.
Please forgice all. Dans herries exp.

THE AUTUMN PLUM

ATOYAXOCOTL

CIRUEIA

Spondias

ANARCADACEAE The Cashew Family

In ancient Mexico, during the tenth month of the Aztec year, which (surprisingly coincides with our own autumn, a festival (curiously was held called Xocotl Huetzi, "the fall of fruit." Given primarilly in honor of the fire god, Xiuhtecutli, its timing was perhaps due inmart to an unconscious recognition of the declining year and the season of cold to come. Father Sahagun describes in detail the precise form to be followed by each town and village participating in this "monte" celebration, which involved a pilgrimage of men to the mountains for the selection and felling of a certain tree, its stripping in a certain manner, and its conveyance to the village with ritualistic care. its bearers drew near home it was the custom of the most important ladies of the town to go out to meet them, bringing dars of chocolate for them to drink and flowers with which to adorn them. processi on arrived at the patio of the principal temple the town's

best muscians summond the entire populace to gather and assist in the raising and placing of the tree, which they called xocot 1.

The word xocotl is usually translated as "acid fruit", just as zapotl is applied to sweet fruit. But authorities consider it to also be a term for fruit in general, and a symbol of life. As a proper name it is commonly given to the so-called "mexican plugs," or "ciruelas," and carries such derivatives as "jocote" and "xobo." Even "obo", and the supposedly Carib "jobo" probably stem from it. The various species of xocotl were more carefully defined anciently than they are today, and carried descriptive descriptive names which were listed by the early investigators. Several kinds ripen at the end of the dry season. Thinskinned and usually lemon-sour, they come mostly from hot country. Among is the coztic-xocotl, colored clear, deep yellow, rather "squared" in shape, and measuring to 1 3/h x 1 1/h inches; and a smaller plum, red, lumpy and astringent, which is considered to be a "wild" plant, and is probably mazaxocotl, "plum of the deer." As the rains end the best known of them all is in season. This must have been the atoyaxocotl,

its name taken from atl, "water" and the verb toyahua, "to pour or e spill," ripe after the pouring of the waters.

"The fall of fruit" is a good name for the autumn months, when guayabas and tejocotes cover the ground beneath their trees with each day's harvest, when markets display a quantity of other fruits, many including several of the sapotes, and when even bananas, after the summer's rain, give their most prolific yield. The the atoyaxocotl is

especially beautiful in Morelos and other central states. Here, during the summer and fall, many small towns such as Tepozt lán are half hidden in the mobile green of these wide-spreading trees, which grow at times to as much as fifty feet. In February and March their smooth gray beanches are bare, the new growth flecked with clusters of tiny deep-pink flowers, whose fruits begin to develop before the trees come into their new leaf. The gently curving leaves have as a rule nine pair of leaflets, and their way of growth is graceful and airy,

producing a fresh, invigorating shade. As August ends the first fruits are ripe in most localities, and glisten among the foliage, their polished, orange-yellow skins tinged often with bright red. No other fruit has such a shine. They measure to 1 3/4 inches in length, and are distinguished by the 5 small (protruberances) at their larger end. Ripe and straight from the tree they can be delicious, - though they are frustrating, for the rough seed is disproportionately large, leaving little room for the flesh. Oviedo, writing of this plum, ruefully (aun que se comen muchas se come poco - V LIL, 2 ?) remarked that though one ate many one ate little. In color and texture the flesh is near that of a mango, and very juicy; it has a fine scent.

Well known in the Caribbean area, in Central America and some way southward, the genus Spondias is considered to have been cultivated since very ancient times, but the various species are as yet (unmonographed ?). Mexico's autumn plum is outstanding among them. It was undoubtadly prominant on them menus of indian Mexico, and has found favor amongst foreigners ever since (the time when) Sahagun praised a wine made from the fruit as being more intoxicating than pulque. Oviedo

mentions its use for an excellent vinegar, and a "good green sauce made with the use of chili." Today it is used with a rum base to make a delicious brandy, as well as for sweetmeats, jams and jellies.

One of the best of the "atoles" is made with it.

This ciruela, the atoyaxocotl, should interest horticulturists, for by reducing the size of the seed and standard-izing the quality of the flesh they would create a fruit worthy indeed of Tlalocan.

August 21, 1963

AIR MAIL

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

Dear Mr. Hunt:

At last, this seems to be the final report to you. I am sorry that the project has had to take so long to complete. We are pleased to have the specimens. In most cases I found that we had similar material collected by Gentle or Bartlett, but not always. The few duplicates I plan to send to the Chicago Natural History Museum. Duplicate lists of the determinations will be sent to Dr. Lundell at the Texas Research Foundation.

Your notebook showed a blank for No. 231. Do you recall the locality?

Best wishes. Perhaps I will meet you next year at Edinburgh?

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams



Plants of British Honduras Collected by David R. Hunt U. S. National Museum No. 228969 Reported Aug. 21, 1963 Identified by V. E. Rudd unless otherwise noted.

Declieuxia fruticosa var. Mexicana (DC.) Standl. 15. 21. Buchnera pusilla H.B.K.? sens. lat. Zexmenia hispida var. ramosissima Greenm . 33. Russellia sarmentosa Jacq, emend. Carlson 38. Diodia rigida (Willd.) 5.&C. 45. Fuirena bulbipes Blake 97. 102. Wedelia trilobata (L.) Hitchc. 110. Morinda yucatenensis Greenm 116. Amisantherina hispidula (Mart.) Pennell Hybanthus oppositifolius (L.) Taub. 117. 159. Coccocypselum hirsutum Bartl. 164. Mecardomia monte Midensis (Spreng.) Pennell 174. Angelonia ciliaris Robins. 181. Chinia spicata (Aubl.) Moldenke Centaurium setaceum (Benth.) Robins. ? vel aff. Anisomeris protracta (Bartl.) Standl. 201. 208 -218. Psidium anglohondurense (Lundell) McVaugh Det. R. McVaugh 225. Hybanthus calceolaria (L.) G. K. Schulze 226. Myrica cerifera L. 231. Schwenkia americana L. [No data1] 238. Lamourouxia viscosa H.B.K. 251. Psychotria emetica Lf. 263. Scoparia dulcis L. 276. Spilanthes americana (Mutis) Hieron. 281. Verbesina lanata Robins. & Greenm., vel aff. Tithonia pittieri (Greenm.) Blake 295. 296. Loeselia glandulosa (Car.) Don 307. Eupatorium pycnocephalum Less. 329. Fuirena bulbines Blake 330. Eugenia farameoides A. Rich. (= E. flavifolia Standl.) 347. Symphonia globulifera L. f. 348. Piriqueta cistoides (L.) Mey. (? U.S. material out on loan) 350. Bacopa lacertosa Standl. 351. Vernonia cinerea (L.) Less. 371. Sida aggregata Presl 380. Lindernia crustacea (L.) F. v. Muell. 382. Phyllanthus of. heliotropis Wr. ex Griseb .? 389. Chrysophyllum mexicanum Brandeg. hill. Perezia nudicaulis A. Gray, vel aff. 447. Russellia campechiana Standl.

Laboratorio de Botánica Sistemática Escuela Macional de Agricultura Chapingo, México.

Chapingo, Méx., a 22 de agosto de 1963.

Dr. Lyman C. Smith U.S. National Herbarium Washington 25, D.C. U.S.A.

Would it be possible for us to obtain the list of collectors and localities of the herbarium specimens of Bursera simaruba in your institution collected in Mexico. This information will be used in a thesis work dealing with establishment and utilization of this species.

Thanking you for your kind attention, I

Sincerely yours,

Ing. Estate Hernandez Xof ocotzi.

(Air-Mail)

Ing. Ephraim Hernández Kolocotsi Laboratorio de Botánica Sistemática Escuela Nacional de Agricultura Chapingo, Mexico

Dear Ephraim:

Enclosed are my pencilled notes on Bursera simeruba localities, in answer to your request to Lyman. It is a problem to know which specimens are correctly named. The experts do not agree. I have been waiting for McVaugh and Rzedowski to give us the word but as yet all I can do is give you a list, sens. lat.

I hope that I will see you at San Luis Potosi but Smithy tells me you may be off to South America again.

Anyway, season's greetings. Hasta la vista.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

Encl.

All communications should be addressed to
THE DIRECTOR,
quoting the following number:-

ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY.

29th August, 1963

Dear Dr. Rudd,

I was very pleased to receive your letter and the further list of identifications. I also acknowledge your letter and list dated lath June.

Various small points have arisen which I will take in numerical order:

21. According to D. Philoox, who has just completed a revision of the American species of Buchnera, this is a mixed gathering of B. pusilla HBK. (calyx hispid-scabrid on the nerves with callus-based patent hairs: 21A) and B. weberbaueri Diels (calyx totally glabrous: 21B).

77 (Eriosema), 180 (Compositae), 206 (Hyptis), 225 (Hybenthus), 310 (Marsypianthes?), and 618 (Cyperaceae) should be represented in your set, but I have not received identifications. 614 (Thrasya?) and 617 (Pinus), both sterile, sent in a small parcel from this country in 1960, also seem to have been overlooked.

215. This is surely not <u>Jussiaea nervosa</u> Poir., but of the affinity of <u>J. peruviana</u> L.?

231. The field notes are: Mountain Pine Ridge, Augustine, 1500'. Herb to 18", fls. deep purple. Frequent by roadsides. 17.11.1959.

236. Is this really the same as 4? I foolishly included in no. 4 what I thought at the time were merely different ecological forms and I now suspect that it was really a mixed gathering. The forms included were however, all stiffly upright and green, whereas 236 was decumbent with a pronounced purplish colouring.

330. (Myrtaceae). Was this determined by Dr. McVaugh? Falking, 1963.

447. Dr. Lundell has a note about this in <u>Wrightia 3</u>: 35 (1962). The flower colour matches <u>Russelia lilacina</u> (Lundell) Lundell, but the short peticles suggest <u>R. syringifolia</u> S. & C.

May I ask you to let me have a list of duplicates you propose to send to Chicago, please? Your set contains several unicates and many numbers which were not represented in the lower sets, and if by chance your spare material would fill in gaps in the other sets I hope you will agree it would be best to use it in that way. I have a record of the contents of each set.

With best wishes and many thanks.

Dr Velva E. Rudd., Smithsonian Institution, Washington, D.C. 25, U.S.A. Yours sincerely, David R. Hunt.

Department of Botany September 6, 1963

Mrs. Olivia L. Converse Vergel 7, Valle de Bravo México, México

Dear Mrs. Converse:

Thank you very much for your proffered hospitality.

I hope that I shall be able to see you, and your place, too.

I plan to be in México on into October, just where all is still uncertain. After that I head west to visit my sister in Reseda, California, before returning to Washington.

Your mes. locks interesting. I have only glanced at it so far, so have no particular comments.

The specimen is <u>Lasiacis sorghoidea</u> (Desv.) Hitchc. & Chase, a bamboo-like grass but not a true bamboo.

Sorry about your bugs. I was interested to note that in the list of equipment recommended for the field trip out of S.L.P., someone was realistic enough to include Enterovicione:

Hurriedly, trying to get things lined up for trip---Hasta la vista,

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

September 12, 1963

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

Dear Mr. Hunt:

Thanks for your letter of 29 August, which raised some questions. I will answer in the same numerical order.

21. Buchnera pusilla H.B.K.; calyx conspicuously hispid-scabrid; our sheet is being marked as 21 A.

77 et al. That parcel apparently arrived when I was hospitalized. The specimens were accessioned and then vanished without a trace. I do not find them in any of my work cases. Presumably someone else put them away for safekeeping until my return to the herbarium. Who and where is now the problem; a search is underway.

215. Jussiaea peruviana L. in my report of October 30, 1962.

231. Thank you !

236. vs. 4. Borreria suaveolens Mey. or B. verticillata (L.) Mey.?

Needs monographic attention, or a flip of a coin. I can match both numbers in material filed as either species. Your No. 4 is matched by Lundell 513 from B.H., filed as B. verticillata and your 236 matches Bartlett 11222 from B.H. filed as (B. tenella =) B. suaveolens but I have no reason to trust nor to doubt either determination.

330. Not determined by McVaugh but matches collections of Gentle and Bartlett from B.H. in E. flavifolia folder, not annotated but possibly referred to by McVaugh in Fieldiana 29:139. 1963. Next time he comes through here I hope to pin him down on some of these matters; otherwise, there may be clarification in the forthcoming part of Flora of Guatemala.

lul7. No further comment. We have received neither specimen of \underline{R} . lilacina nor Wrightia 3:35 1962.

As to duplicate sheets, it did not occur to me that you had further interest in them, so I have sent a few sheets out on exchange. I do not recall which numbers. I still have on hand material of Nos.: 44, 60, 76, 103, 115, 116, 151, 146, 226, 296, 307, 317, 353, 361, 362, 369, 371, 376, 401, 409, 431, 432, 446, 465, 468. We have prepared labels for the sheets (as we have had to do with all of your specimens) and I planned to send most to Chicago, especially of families not yet treated in the Flora of Guatemala. Others were scheduled for specialists. I do not know where else you have sent sets, except to Dr. Lundell. Perhaps we could send some of the material as our exchange to institutions of your choice.

I leave Sept. 13 for Mexico and will be away for a few weeks. In the entime, the search for the missing bundle will continue. Some of the who might have been involved are away so there may be delay in ng the right pigeonhole.

Sincerely yours,

243162

October 24, 1963

Prof. Arturo Gonzalez-Mas Department of Botany Louisiana State University Baton Rouge, La.

Dear Prof. Gonzales:

The package of specimens that you borrowed returned safely except for one sheet that is missing. It is U.S. National Herbarium No. 11h6h97, a collection by Britton, et al. 7630, originally named as <u>Rhynchospora bruneri</u>. Perhaps it was accidentally returned to some other institution?

Concerning Cyperus eggersii, our sheet of Sintenis hh?7 bears the annotation in the handwriting of Father O'Neill "Cyperus odoratus L. even though it is cited as C. eggersii". Probably you do not need to borrow the sheet? I do not find a sheet of Fredholm h?22, nor do I find any other collections of G. luzulae from Fuerto Rico.

I hope that your work goes well and that you complete your degree as scheduled.

Sincerely yours.

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

Biol. Fernando Medellin-Leal, Director Instituto de Investigacion de Zonas Desérticas Universidad Autonoma de San Luis Potosí San Luis Potosí, S.L.P. Mexico

Dear Biólogo Medellin:

On behalf of the United States National Museum, I wish to thank you for the two sheets of type material of Ceratozamia saragozae. They are being accessioned as a gift from the Instituto de Investigacion de Zonas Desérticas of the Universidad Autonoma de San Luis Potosí, and will be a valuable addition to our reference collection.

Sincerely yours,

T. D. Stewart Director Museum of Natural History

VERudd:gt December 10, 1963 US. Smithsonian Institution Herbarium.

003529.- Cycadaceae - Ceratozamia Zaragozae Medellín, Medellín 1451.

003530.- Cycadaceae - Ceratozamia zaragozae Medellín, Medellín 1452.

Noviembre 22 de 1963.

UNIVERSIDAD AUTONOMA DE San Luis Potosi

RANCHO SANTA ANA BOTANIC GARDEN OF THE NATIVE PLANTS OF CALIFORNIA (Founded in 1927 by Susanno Bixby Bryant in memory of John W. Bixby) 4500 North College Avenue, Claremont, California

LEE W. LENZ DIRECTOR

PHILIP A. MUNZ DIRECTOR EMERITUS December 9, 1963

Dr. Richard S. Cowan Herbarium. Natural History Museum Smithsonian Institution Washington, D.C.

Dear Dick:

One of our graduate students, Mr. James Henrickson, is studying pollen morphology and floral anatomy of Fouquieriaceae. Although he has done good field work, some species which are remote and restricted in distribution have eluded him. He has asked me if herbarium material of these could be obtained for his use. The best material for his use would be one or more buds, preferably just prior to anthesis, so that mature pollen and floral venation patterns would be present. Entire herbarium specimens need not be sent if you can remove the desired portions.

The species for which he needs material include the following:

Fouquieria burragei Rose only type - in for

- F. fasciculata (R.&S.) HBK.
- F. formosa HBK. Jaket make he re
- F. leonilae Miranda
- F. ochoteranae Miranda
- F. purpusii Brandegee only 1 in type at u.e.
- F. shrevei Engelm. / slatt, a far

Any assistance you could give us in this matter would be greatly appreciated. Mr. Henrickson is a fine student, and your material would not be wasted.

Sincerely yours,

Sherwin Carlquist.

Associate Professor of Botany Claremont Graduate School

sc/

copyer

NATURAL HISTORY MUSEUM

BALBOA PARK . SAN DIEGO, CALIFORNIA

THE BAN DIEGO SOCIETY OF NATURAL HISTORY

10 December 1963



Dear Dr. Swallen:

Velva Rudd suggested that you might like to receive some of our exchange material. Consequently, I have put aside some Mexican (meatly Baga Californian) duplicates for you, to be mailed when the Kmas rush is past. Your share comes to 256 specimens, mas o menos.

This lot includes several grasses that may be of interest to you as new records from some of the islands. If you should note any errors in identification, I'd greatly appreciate your letting me know. In particular, I'd appreciate your opinion about the grass from San Martin Island that I have called Bromus cf. arizonicus.

For Velva I have included the specimen she wanted of Pickeringia from Baja California. Also included are several legumes which I was unable to identify beyond the genus. So, although this may be unfair on exchange material, again I would welcome any additions or corrections to the names.

I am off at the end of the week on a muleback trip through central Baja California. So the collecting continues.

I should say that we are interested in receiving any Latin American material but that our main area of interest is western Mexico.

> Sincerely yours, Reid Moven Curator of Botany

P 246 G-9 F 1

December 18, 1963

Dr. Sherwin Carlquist Rancho Santa Ana Botanic Garden 1500 North College Avenue Claremont, California

Dear Sherwing

In answer to your letter of December 9 to Dr. Cowan concerning Fouquieria for Mr. James Henrickson, I am sorry to tell you that we cannot be helpful. For some species on your list we have no material, or, at least, none so filed; for others, such as F. burragei and F. purpusii we have only I sheet each of type material, which is in fruit.

Incidentally, Dr. Cowan is no longer at the herbarium but is across the Mall as assistant Director of the Museum of Natural History.

Season's greetings. It is snowing here today - wish I were in California;

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt



OKLAHOMA STATE UNIVERSITY . STILLWATER

Department of Botany and Flant Pathology

Jan. 4. 1964

Dr. Jason R. Swallen Head Gurator Department of Notany Smithsonian Institution Washington 25, DC.

Dear Dr Swallen:

In order to continue my studies of Physalls, I would from Mexico and Central America.

Thanking you for your consideration,

Sincerely yours

U. T. Walerfall

U. T. Waterfall

Professor and

Curator of the Herbarium



OKLAHOMA STATE UNIVERSITY . STILLWATER

Department of Botany and Plant Pathology FRontier 2-6211, Ext. 550, 551

Jan. 4, 1964

Dr. Jason R. Swallen Head Curator Department of Forenty Smithsonian Institution Washington 25, DC.

Dear Dr Swallen:

In order to continue my studies of PHYSALIS, I would like to borrow your material of that genus (incl. CACABUS) from Mexico and Central America.

Thanking you for your consideration,

Sincerely yours

U.T. Walryal

U.T. Waterfal

Professor and
Curator of the Herbarium

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

ROYAL BOTANIC GARDENS,

KEW, RICHMOND, SURREY,

Telephone: RIChmond 1171

9th January, 1964

Dear Dr. Rudd,

Thank you for your letter of 6 January and also for that of 12 September. Please accept my apologies for failing to reply to the latter: I saw that you were about to go away for a few weeks, put it on one side, and evidently forgot all about it.

Regarding the duplicates you intended for Chicago, I am now quite happy that these should go. Nos. 157 and 361 are not represented in the set at Belize, and 347 and 353 are not in Lundell's set, but they are all common species and not worth the trouble of sending them out separately.

I am glad to have the final identifications. There seem to be three numbers still unaccounted for (77, 310, 618), one of which (310) is unicate. Perhaps the specimens intended for you got into the wrong set during sorting.

I am most grateful to you for naming the bulk of this collection and for obtaining specialist opinions on the rest. By now I know from personal experience what a time-consuming and sometimes deeply frustrating occupation the naming of miscellaneous nectropical material can be, and that the satisfaction gained from it is often very limited.

With best wishes, Yours sincerely,

David R. Hunt.

Dr. V.E. Rudd, Associate Curator, Division of Phanerogems, Smithsonian Institution, Washington 25, D.C.,

NB



UNIVERSIDAD AUTONOMA DE SAN LUIS POTOSI INSTITUTO DE INVESTIGACIONES DE ZONAS DESERTICAS

SAN LUIS POTOSI, S. L. P., MÉXICO

San Luis Potosí, S.L.P., a 15 de enero de 1964.

Dr. Velva E. Rudd,
Department of Botany,
Smithsonian Institution,
United States National Museum,
Washington 25, D.C.
E.U.A. U.S.A.

Muy estimada Dr. Rudd:

Muchas gracias por su muy simpática tarje ta de año nuevo, así como por las 2 fotografías de la excursión anterior al Congreso.

Muchas gracias también por todos los buenos conceptos que nos expresa.

Por nuestra parte deseamos también para - todo el personal botánico del Instituto Smithsonian que 1964 este lleno de gratas sorpresas.

Atentamente.

Biol. Fernando Medellin-Leal,

FML/amd.

4225 & tuppi Way Sacramento 25, chily Jan. 17, 1964 Dear Velva. I have just been reading your article on Dussia in Couts, Wat. Herb Sorry 9 didn't collectory specimens of the genus, I was in all the countries at many of the exact localities you neution. But regards to my priendo at the U.S. n.m. Ellsworth P. Kielip

January 23, 1964

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

Dear Dr. Waterfall:

Because we are rather overwhelmed with loan requests right now, I am sending only a part of the material you requested in your letter of January h to Dr. Swallen.

In this shipment are 3h sheets of type material of Physalis and Cacabus, 10 types and 2h isotypes. I have included I Cuban specimen and 2 or 3 from the United States, which might be pertinent to your study. In any event, your annotations will be appreciated.

The remainder of our Mexican and Central American Physalis, about 10 pigeon-hole's full, will be sent to you later in another one or two shipments. One bundle collected by Orland White, is not only unnamed and unmounted, but must have labels prepared from cryptic notes along the newspaper margins!

Some day, too, I will send you names for your collections that are still among my backlog.

Best wishes,

Sincerely.

Velva E. Rudd Associate Curator Division of Phanerogams

Enclosure

VERudd:gt

Dr. Reid Moran Curator of Botany Natural History Museum P.O. Box 1390 San Diego, California

Dear Reid:

Thanks for sending us the nice set of duplicates and especially little Pickeringia. I will try to find choice items for you in exchange. By now you have probably received an official letter signed by the Director.

Another bean that you might have, but that otherwise is unknown from Mexico (so far as I know) is Psoralea orbicularis Lindl. We have a few sheets from as far south as San Diego Co., California. The species has come to my attention among some Sessé and Mocifio collections, the specimen possibly dating from the Nootka trip.

I have just now finally finished the text of my Ormosia paper so I will be able to get down to business on the Mexican legumes very soon.

In April I plan to go to the Palm Society meetings. I will see you then?

Season's greetings,

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

NATURAL HISTORY MUSEUM

BALBOA PARK SAN DIEGO, CALIFORNIA

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

February 20, 1964

Dr. Velva E. Rudd, Assoc, Curator Division of Phanerogems Smithsonian Institution U. S. National Museum, Washington DC

Dear Dr. Rudd:

I am acknowledging your letter to Dr. Moran, since he is on an extensive collecting trip to Lower California, and is not expected to return until after the first of March.

We seem to have no specimens of <u>Psoralea orbicularis</u> from Mexico in the herbarium - nor from Lower California. However Dr. Moran may be collecting some on this trip. I will call this to his attention upon his return.

Yes, the official letter did arrive upon receipt of our shipment.

Sincerely,

Elisabeth C. norland

(Mrs.) Elisabeth C. Norland Asst. Curator

DEPAUW UNIVERSITY GREENCASTLE, INDIANA

February 24, 1964

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

Dear Miss Rudd:

I thank you for the reprint, The Genus Dussia (Leguminosae), which arrived since my husband's death on January eighth.
I shall file it with my husband's materials.

I wish you much success as you continue your work in this field.

Sincerely yours,

Mrs. Truman G. Yuncker

ECY : VW

MISSOURI BOTANICAL GARDEN

"SHAW'S GARDEN"
2315 TOWER GROVE AVENUE
ST. LOUIS 10, MISSOURI

February 26, 1964

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

Dear Dr. Rudd:

Dr. Dodson left the Garden in January to accept a position with the University of Miami at Coral Gables so I am answering your letter of January 29.

Dr. Dwyer tells me that most of the work he is doing on the legumes is completed and he has large parts of the manuscript ready for the editor. If everything goes as we plan, it should be possible to publish Ormosia by September. I will let you know about the end of April more about our publishing schedule.

Sincerely,

Hugh Cutler Executive Director

HC:DP CC: John Dwyer

February 27, 1964

Mrs. Truman G. Yuncker P. O. Box 105 Greencastle, Indiana

Dear Mrs. Yuncker:

I certainly am sorry to learn of your husband's death. The word comes as a shock to all of us here. We had not heard the sad news, but had looked forward to many more years of pleasant cooperation with Dr. Yuncker.

You must have a tremendous task ahead of you to gather the loose ends of unfinished business. I hope that there are people at the University who can help you.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt



OKLAHOMA STATE UNIVERSITY . STILLWATER

Department of Botany and Plant Pathology f&ontier 2-6211, Ext. 550, 551

Mar. 9, 1964

Dr. Velva E. Rudd Associate Curator Division of Phanerogams Smithsonian Institution U. S. Netional Museum Washington 25, DC.

Dear Dr. Rudd:

Thanks for your courtesy regarding my request for material of PHYSALIS. The two shipment, one of types and one of named material, have been received. The third, unnamed material, has not yet arrived.

Your names for my remaining collections, will, of course, be most welcome when they are available.

Sincerely yours

U.T. Waterfull

U. T. Waterfull

Professor and

Curator of the Herbarium

P-2766 17 Rome

April 3, 1964

Dr. Bassett Maguire
The New York Botanical Garden
Bronx Park
New York 58, N.Y.

Dear Bassett:

Following is a list of determinations for the legumes you sent to me recently:

45476 (Tillett & Tillett), Ormosia nobilis var. bolivarensis Rudd. var. nov. ined. 45832 ") Clathrotropis macrocarpa Ducke (Pires, et al). Dussia discolor (Benth.) Amsh.). Asschynomene pratensis var. caribasa Rudd (no label). Aeschynomene brasiliana (Poir.) DC. var. brasiliana 11 11 . Bowdichia virgilioides H.B.K. (n n . Aeschynomene paniculata Willd, ex Vog. (11 11). Desmodium asperum (Poir.) Desv.). Aeschynomene sensitiva Sw. var. sensitiva (11 11). Asschynomene brasiliana (Poir.) DC. var. brasiliana). Dussia discolor (Benth.) Amsh. (Steyermark). Clathrotropis brachy petala (Tul.) Kleirh.). Lonchocarpus latifolius H.B.K., vel aff.). Asschynomene viscidula Michx. . Aeschynomene paniculata Willd, ex Vog. Diplotropis purpursa (Rich.) Amsh., sens. lat.

There is another sheet, to be returned to you, Stevermark 88763.
Asschynomeno viscidula Michx., which I will send along with my Ormosia loan. That will be on its way before too long.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:gt

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

April 7, 1964

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

Dear Velva:

Thanks so much for your identification of Legumes sent to you recently. You have responded very quickly.

The missing labels will be supplied to you as soon as they are completed.

When are you coming up to visit us again?

Sincerely yours,

Bassett Maguire Head Curator

BM:dz

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

May 11, 1964

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

Dear Dr. Rudd:

Please find enclosed labels not with specimens you have already identified. These specimens are from the Pires & Cavalcante, Brasilian Survey.

Thank you for your list of determinations.

Sincerely yours,

Gerald Kandefer
Asst. Herbarium Specialist

P.S. Number 54906 is still in process, I will send it to you when it is completed.

May 11, 196h

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

Dear Hugh:

Following are names for the "Ericaceae" you sent me for determination. Unfortunately, I have only moderate confidence in their accuracy. The family has been in taxonomic limbo for quite a while; our Maxican material has been virtually untouched since Standley's day. If you have a student in search of a problem, Arbutus, for example, might be a good genus for a start.

Iltis et al:

- 154 Permettya buxifolia Mart. & Gal. vel aff.
- 158 Arbutus xalapensis H.B.K. sens, lat. ? (sterile)
- 263 Pernettya buxifolia Mart. & Gal. vel aff. 281 Arbutus xalapensis H.B.K. sens. lat. ?
- 354 Gaultheria laucifolia Small 487 Arbutus glandulosa Mart. & Gal. ? (sterile)
- 774 Arbutus glandulosa Mart. & Gal. ? (sterile) 853 Arbutus glandulosa Mart. & Gal. ? (sterile)
- 1143 Rhus standleyi Rarkl.
- 1164 Arctostaphylos polifolia H.B.K. sens. lat. ?
- 1225 Arctostaphylos pungens H. B.K. 1226 Arctostaphylos polifolia H.B.K.
- 1259 Arbutus xalapensis H.B.K. sens. lat. ? (sterile)
- 1262 Arctostaphylos glaucescens H.B.K. ? Fassett
- 25909 Pernettya prostrata (Cav.) Sleumer

Your unicate (No. 1259) cannot be returned to you for another week or two. We have a moratorium on shipments just now as the books are being closed for the annual report at the end of the fiscal year.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogame

fels in face of the war parame

Department of Botany
May 13, 196h

Mrs. Forrest H. Wells 6 Trales Lane Triangle, Virginia

Dear Mrs. Wells:

The seeds you sent for identification are as follows:

Gray: Coix lacryma-jobi (Job's tears).

Red: Adenanthera pavonina (red bead tree)

Large red and black: Ormosia, probably 0. monosperma or 0. coccinea (jumby bead)

Small red and black: Abrus precatorius (red bead vine, or crab's eyes).

The gray seeds are of the grass family and are not poisonous; in fact, the soft inner part of the seeds is eaten in some countries.

As to the others, all of the bean family, I have no definite knowledge that they are poisonous, or that they are completely safe. They have been used as beads since time immemorial, a practice that I should think would have been abandoned long ago if the seeds were poisonous. The dry seeds are so hard that I would not expect them to be any more dangerous to a person than other dry beans. However, as a precaution I would discourage any putting in mouth and would keep them away from small children.

Please let me know if you want the seeds returned to you.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

fralce forme Triangle, Va. apr. 30, 1964 The Botany Dept-The Smithsonian Institution Washington, D.C. buttemen; Will you please, identify the four types of seeds ? send herewith and tell me which if any, are too poisonous to use in nechlaces for small children who might

put them in their months. Thank you -200 C. E. S. w on (Mrs Forrest H.) - adenanthera pavonina (red bread tree) Ormania monosperma (gumby bead) (red bean vine; crabs eyes) Coix lacryma-jobi (gols tears)



IOWA STATE UNIVERSITY
of Science and Technology,
U.S. DEPARTMENT OF AGRICULTURE,
Cooperating

IOWA STATE UNIVERSITY SEED LABORATORY
BOTANY BUILDING, AMES, IOWA
Area Code 515, Phone 231-2618
May 15, 1964

Dr. Lyman B. Smith Curator, Division of Phanerogams Smithsonian Institution U. S. National Herbarium Washington 25, D. C.

Dear Dr. Smith:

In connection with my work with <u>Vicia americana Muhl.</u> ex Willd., I would like to inquire about your herbarium collection of endemic Mexican Vicias. This is not a formal request for loan of your Mexican material. Rather, I would like to know approximately how many sheets of Mexican vetches are housed in your herbarium, and if convenient, I would like to obtain a listing of the sheet names.

Since Mexican vetch sheets are rather difficult to locate, your cooperation in this matter will be appreciated.

Charles R. Gunn ISU Seed Laboratory Ames, Iowa 50010

Sincepely yours.

CRG:mh

yo + wer + o. hu

May 20, 1964

In answer to your letter of May 15 to Dr. Smith, we have about 80 sheets of Vicia from Mexico. None are annotated as V. americana. I am not sure what you mean by sheet names---Manageralector? Just now we have no help for special lists but perhaps later we will be able to send you more information.

V.E.Rudd

Hunt Institute for Botanical Documentation

LOUISIANA STATE UNIVERSITY

AND

AGRICULTURAL AND MECHANICAL COLLEGE

AGRICULTURAL CENTER UNIVERSITY STATION
BATON ROUGE 3. LOUISIANA

AGRICULTURAL EXPERIMENT STATION

ENTOMOLOGY RESEARCH DEPARTMENT

17 May 1964

Dr. V.E. Rudd U.S. National Museum Smithsonian Institution Washington 25, D.C.

Dear Dr. Rudd:

Enclosed are two reprints which I send with best regards. Again, many thanks for your assistance with the plant identifications.

P. C. Il set

Best of luck,

MUSÉUM NATIONAL D'HISTOIRE NATURELLE LABORATOIRE DE PALYNOLOGIE DE L'ÉCOLE PRATIQUE DES HAUTES ÉTUDES

> 61. RUE DE BUFFON PARIS V^E TÉL: POR 72:13

Paris, 1s 22 Mai 1964

Dr. Miss Velva Rudd Department of Botany Smithsonian Institution WASHINGTON, 25 DC

Dear Miss V. Rudd,

I am taking the liberty to write to you following the advice of Miss Alicia Lourteig, Phanerogamy Laboratory of the National Museum of Natural History.

I am working since three years on the pollen morphology of Mimosaceae and its bearing in taxonomy. I began from the study of asiatic members of this group, but the more I advanced my study, the more its appeared to me it was impossible to limit my work to a single geographical area.

Since my return in France, I have studied as fas as I could, american representatives of Mimosaceae, but the collections here are relatively poor on American Mimosaceae surely identificated.

I hereby submit a list of species which would be very useful for me. (List established following Britten et Rose).

Would you be kind enough to send me some material from this list (or any other species you juge useful to study), or indicate me any Botanist or Institution able to help me? (two or three flowers would be enough, with the locality and the accession number if possible).

All the material you could send me would be extremely helpful. Miss Lourteig had charged me to send you her best remembrance.

With all my regards,

Yours sincerely,

7 Comos

Ph. Cuinet

MUSÉUN NATIONAL D'HISTOIRE NATURELLE LABORATOIRE DE PALYNOLOGIE DE L'ÉCOLE PRATIQUE DES NAUTES ÉTUDES 61. RUE DE BUFFON PARIS V"

TÉL | POR. 72-13

Enterolobium Schomburgkii Benth. Cojoba costaricensis Britt. et Rose Cojoba tubulifera (Benth) Britt. et Rose ? = Aufescens ? Ebenopsis caesalpinicides (Standley) Britt. et Rose & Samanea filipes (Yent.) Britt. et Rose Zygia latifolia (L.) Fawe et Rendle Zveia longifolia) (H. et B.) Britt. et Rose -Zygia Recordii Britt. et Rose Albizzia plurijuga (Standl.) Britt. at pose no fla Lysiloma acapulcemsis (Kunth) Benth. Lysiloma affinis Britt. et Rose species, among the more comment (Abarema - 6-10 espèces les plus communes) Bahamia (Acacia) acuifera (Benth.) Britt. et Rose no abau Leucaena pseudotrichoides (DC) Britt. et Rose -Leucaena confusa Britt. et Rose Ayncholeucsena Greggii (S. Wats) Britt. et Rose - Total Caudoleucaena retusa (Benth.) Britt. et Rose & Pteromimosa bahamensis (Benth) Britt. et Rose Weomimosa platycarpa (Benth.) Britt. et Rose Mimosopsis flexuosa (Renth.) Britt. et Rose (2) Mimosopsis Wherryana Britt. et Rose Mimosopsis Grahami (A. Gray) Britt. et Rose V Meptunia pucescens Benth. * Sopropis Palmeri (S. Wats) Britt. et Rose V Piptadenia flava (Spreng) Benth. Niopa perigrina (L.) Britt. et Rose Pityrocarpa constricta (Micheli et Rose) Britt. et Rose Entadopsis polystachya (L.) Britt. / Pentadethra macroloba (Willia.) Kuntze

Hunt Institute for Botanical Documentation

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

H 1270/64.

ROYAL BOTANIC GARDENS,

KEW, RICHMOND, SURREY.

Telephone: RIChmond 1171

27th May, 1964.

Dear Dr. Rudd,

Thank you so much for returning our second sheet of Krukoff 11049 and for sending us such welcome material of Ormosia venezolana and O. tovarensis, and the beautiful photograph of the type of O. cuneata.

I think that we have been most generously compensated by you for what was such a tiny slip.

Yours sincerely,

For Sir George Taylor
Director.

Dr. V. E. Rudd, Division of Phanerogams, Smithsonian Institution, U.S. National Museum, Washington D.C., U.S.A. SCHOOL OF SCIENCE

Reply to: HERBARIUM Department of Botany

July 6, 1964

Dr. Velva E. Rudd United States National Herbarium Smithsonian Institution Washington 25, D. C.

Dear Doctor Rudd,

I will be sending you in a few days a specimen of <u>Vicia</u> which came to us for identification and on which we would very much appreciate your opinion.

A member of our Entomology Department, Dr. E. A. Dickason, has been interested in this plant since he observed it last year growing spontaneously on a roadside in Yamhill County, Cregon. He has grown it in a garden with the ordinarily cultivated varieties of <u>Vicia</u> in the Willamette Valley and finds it has markedly later flowering time. As this characteristic is apparently important in his research with these plants, he would like to have an expert's opinion on the taxonomy of this particular accession. For this reason I would be very grateful if you would examine it for us and give us any comments you might have on the proper species position of the plant.

Thank you very much for your trouble in this request.

Yours sincerely,

Kenton L. Chambers

Curator

KLC:adl

Vicia villosa Roth.

Hunt Institute for Botanical Documentation

July 17, 1964

Dr. Kenton L. Chambers Department of Botany Oregon State University Corvallis, Oregon

Dear Ken:

The <u>Vicia</u> specimens that you sent for identification very readily key out in \overline{Dr} . F. J. Hermann's handbook to \overline{V} . villosa Roth and match material that he has so identified, including \overline{Q} or \overline{Q} sheets from the Corvallis area. \overline{Dr} . Hermann has already departed for Europe or I would ask him to double-check.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:eal

SCHOOL OF SCIENCE

Reply to: HERBARIUM Department of Botany

July 23, 1964

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

Dear Dr. Rudd,

We certainly appreciate your determination of the <u>Vicia</u> specimen, even though it turned out to be the common <u>V</u>. <u>villosa</u>. This really needed verifying for Dr. Dickason's purposes, as the particular plant we sent differed in its growth responses from the <u>V</u>. <u>villosa</u> he is familiar with in the Willamette <u>Valley</u>. We did not want to take the chance of misidentifying it if it were some recent introduction of a species not in the manuals.

Rest wishes,

Kenton L. Chambers Curator

KLC:adl

July 10, 1964

Dr. Ross E. Hutchins State Plant Board of Mississippi State College, Mississippi 39762

Dear Dr. Hutchins:

From the picture, I think your "sea-bean" might be a Mucuna, possibly M. sloanei Fawc. & Rendle (M. urens sensu DC.) or M. urens (L.) Fawe. & Rendle, non DC. (M. altissima DC.). Without actually seeing the seed and comparing it with other specimens it is difficult to pin-point the species.

You did not mention disposition of the photograph. Please let me know if you wish it returned; otherwise I shall put it in the herbarium.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd: eal

THE UNIVERSITY OF TENNESSEE KNOXVILLE DEPARTMENT OF BOTANY

July 14, 1964

Dr. Velve E. Rudd Department of Eotany United States National Museum Smithsonian Institution Washington 25, D. C.

Dear Dr. Rudd:

I have completed my nomenclatural investigation of <u>Acacia</u> in Mexico and the southern United States but put off any correspondence until I was able to complete my master's thesis (on <u>Anemone quinquefolia</u> and its related taxa). The first draft is now through the mill and I can relax for a while, at least to catch up on correspondence.

If you would like to see my Acacia paper, please let me know. It has several corrections which Dr. Sharp put in, mostly of the kind that the editor of Joe's biological journal would make. I have reminded myself to buy a copy of the AIBS style manual before too long. The sense of the text, however, is not affected.

I may be able to stop in Washington on my way home in mid-August. I won't need to stay in Knoxville after orals except to turn in my thesis; after that, I have only to return to pick up a sheepskin.

Next year I shall be at the University of Liverpool (will the Beatles get scholarships there?), pursuing a year's course in plant systematics under the direction of Dr. V. H. Heywood [see announcement in Taxon 13: 70 (March 1964)]. If all goes well, I shall receive an M. Sc. which will probably carry some weight when it comes to applying for Ph. D. work, particularly in Commonwealth universities. I am looking forward to this, particularly the chance to meet other people in the field as well as the possibility of visiting Kew, the British Museum and other places. Are you going to the Bot. Congress at Edinburgh?

The "little Blake and Atwood" bibliography is about finished and should be out in August. The Department here has agreed to furnish supplies and some secretarial time, although I have to type all the stencils! The work will comprise about 60 pages or so. A few entries may be erroneous or incomplete but it will be almost impossible in my present situation to check upon them. However, this is only a preliminary edition and criticism is invited.

I would like to have an offprint copy of your paper on \underline{Acacia} $\underline{cornigera},$ etc. which has just appeared.

Again I say "many thanks" for your advice of last March.

David & Frodin

David G. Frodin

July 21, 1964

Mr. David G. Frodin Department of Botany University of Tennessee Knoxville, Tennessee

Dear Mr. Frodin:

Congratulations on your fellowship to Liverpool. My recollections of Dr. Heywood, whom I met at Montreal a few years ago, are most pleasant, and the proximity to London should be an asset.

I should be glad to see your Acacia paper, but not until the end of September, at least. I leave in a few days for the Edinburgh meetings and am due to return in mid-September.

As yet I have no reprints of my Acacia cornigera paper. If and when I get any, I shall be glad to send you a copy.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:eal

STATE PLANT BOARD OF MISSISSIPPI

State College, Mississippi 39762

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July 16, 1964

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Miss Velva E. Rudd Associate Curator Division of Phanerogams Smithsonian Institution United States National Museum Washington 25, D. C.

Dear Miss Rudd:

Thank you so much for your identification of the "sea bean," the picture of which I sent you sometime ago. Please keep the picture if you have any use for it. With the literature I have on hand, I do not find reference to this plant. Can you tell me anything about its geographical range?

You might be interested in something I discovered this morning which I think is very interesting. Sometime during the dry season of 1945 I collected a number of snuff box beans (Lens phaseoloides) from the jungles of Guam. These beans have been in my hot attic since that time. Part of this time they were in an air-tight, metal container with PDB. A couple of months ago I set one of them in my wife's flowerpot, this morning I was amazed to discover that a vine about 3 feet high was already growing out of the bean. Of course. I realize that 20 years is nothing fantastic as far as germination is concerned, still when one considers the conditions under which these beans have been stored, I think this is most interesting. The beans were collected, as I say, during the dry season of mid-summer, but they had probably been produced sometime during the previous wet season, which begins about August and lasts until about March. The vine produced from these beans grow very large, often reaching the tops of jungle trees. I thought this might be interesting. Ye you,

Sincerely yours,

Ross E. Hutchins

REH/le

Dear hiers Rudal— Trales fave

Would the 5 millionian land 21-1964

for these seeds you and I have been

corresponding about The about

4 Drinosia and administera?

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6 Trales Sauce may 25, 1964 Dear miss Rudof -Thank you very much for identifying the four types of seeds for me - I will Jollow your advice and beep them away from small children -I was making necklases for the church art Jestinos so I used only the folis tears - Who Bnows what others will let their children poet in their mouths yes I would like the

samples sent bock if it is not too much trouble to you. again my thanks, (Mrs 7.4.)

July 21, 1964

Dr. Ross E. Hutchins State Plant Board of Mississippi State College, Mississippi 39762

Dear Dr. Hutchins:

Thank you for the photograph and your interesting comments on the "snuff box beans". (Incidentally, the scientific name now believed to be correct is Entada phaseoloides (L.) Merr.). If your wine can be protected from frost, you might some day have quite a plant, as high as a tall tree!

Enclosed is a facsimile copy of a page from the "Flora of Guatemala" which summarizes the characteristics and distribution of the Mucuna species that I suggested in my previous letter.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd:eal

July 21, 1964

M. Ph. Guinet Laboratoire de Palynologie De l'Ecole Pratique des Hautes Etudes Muséum National d'Histoire Naturelle 61, Rue de Buffon Paris V^e, France

Dear M. Guinet:

In belated enswer to your request of 22 May, I am enclosing some flowers which I hope will go through the mail successfully.

We apparently have no flowering material of <u>Cojoba</u> tubulifers (unless it = rufescens?), Samanea filipes, <u>Albizzia plurijuga</u>, and <u>Mimosopsis wherryana</u>, and too little to spare of <u>Bahamia acuifera</u>.

We are beginning to build up a collection of pollen slides, so if possibae, we should appreciate duplicates of those you prepare.

I leave next week for Edinburgh. Sometime after the Congress I plan to visit Paris for a few days. Perhaps I shall see you then.

My best wishes to Dr. Lourteig.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

August 13, 1964

Dr. Warren H. Wagner, Jr. Department of Botany University of Michigan Ann Arbor, Michigan

Dear Dr. Wagner:

We have received on exchange a few specimens from the Payne and Scora expedition to Mexico. One of the specimens, Mildella inframarginalis (Kaulf. ex Link) Trev., arrived without a label. It is Scora No. 2453, with the designation R3 added at the edge of the newsprint. Judging from the other specimen, this specimen was collected before September 16, 1962. We would appreciate it greatly if you or Rainer could provide us with a label for this specimen.

Dr. Rudd has asked me to inquire about three specimens of the Monarda loan which were not returned. The specimens are US numbers 1321612, 2033426, and 2215350. In addition, two specimens from New York, Bicknell 7575 (M. clinopodia) and Steele & Steele s.n. (M. didyma) were included in the returned loan. We will send these specimens on to New York in the near future.

A final matter concerns the disposition of the 65 phanerogams, one cryptogam, and five fern specimens. Did you intend these to be a part of our continuing exchange, or, were they a gift for names?

Sincerely,

David B. Lellinger Associate Curator Division of Ferns

DELellinger:cbs

SMITHSONIAN INSTITUTION
U. S. NATIONAL MUSTUM
WASHINGTON, D. C.

August 14, 1964

Dear Dr. Hohlenbrockt

We acknowledge with thanks the return of

Loan No. 63-46 . The specimens were received

in good condition.

Sincerely yours,
Lynnon & Amilk
Turen R Swith

Division of Phanerogams

Lyman B. Smith Curator

5-63

Hunt Institute for Botanical Documentation

September 21, 1964

AIR LETTER

Miss Dorothy Hillcoat British Museum (Natural History) Cromwell Road London S.W. 7, England

Dear Miss Hillcoat:

The red flowered leguminous collection by Sessé and Mociño that we placed in the "indets" for safekeeping is Coursetia madrensis Micheli. It is a duplicate of No. 1360 bis in the Madrid set. The type of the species is Langlasse 1051; another collection is Hinton 11263. Whether or not the species is correctly referrable to Coursetia is another matter which I shall face some other day.

I certainly enjoyed meeting you and appreciated your help and hospitality, including the comfort of your key.

Greetings to your colleagues. I hope that I shall be able to see you all again in the not too distant future.

Sincerely,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd/chl

All communications should be addressed to
THE DIRECTOR. Oct .14 - .1964.

quoting the following number:

The Hubstein

ROYAL BOTANIC GARDENS,

KEW, RICHMOND, SURREY.

Telephone : RIChmond 1171

Du Dr. R.W. Very many that I pur letter and of the separts of The fifther, which arrived this morning. I am ght & he all of them, and her har the supplients to the libraries Some My I want send you a proken with some superily & my our , for the behavior -I am very whird t has the why of the Cuturess revision of Therhome! I wrote like to the cultin and to tick Schiller about who I W done. Alien is both toping to get level with correspondence and visites, aft her 3 weeks at Kew as an "es capist". I still rule the 'new queters' were arrived to washingt as arm, but I'm ghd you has a mad- flet on the don: must, you must him a spiril chair and a spicial coupt lightly for ruck and silvey , as in livil luvin queties in whither here! 'captain and the Kings' (and queen!) her deputed, but tomaror is on shotin, a gust excitent, a took or go between the 2 laye furties, with the libert tog's their headed to work up a new Centre Perty. that his, and I must am again when to am, though I appear the in to pens' time I would my to just any when. I must write to Al for christies, Whe write -

L. H. BAILEY HORTORIUM

NEW YORK STATE COLLEGE OF AGRICULTURE
A UNIT OF THE STATE UNIVERSITY
CORNELL UNIVERSITY
ITHACA, NEW YORK
November 6, 1964

Dr. Velma E. Rudd Division of Phanerogams United States National Museum Smithsonian Institution Washington, D.C. 20560

Dear Miss Rudd:

Please excuse the too long delay in acknowledging your Loans No. 9056 and 9057 of June 12th and 15th respectively. Be assured that your 19 sheets of Chamaedorea are in safe keeping.

The question seems to be in the 17 specimens and photographs of palms in exchange. We count five specimens and thirteen photographs [there were some thirty prints that have no scientific value, and which we are not including in the count].

The shipment of 9 bromeliads from R. W. Read of Fairchild Tropical Garden, Miami, I conclude, having been a separate shipment, are not to be counted among the "17 specimens".

I regret the delay and thust that at this late date you may recall the transaction and will be able to enlighten us.

Yours very sincerely,

Robert B. Clark, Senior Curator

November 12, 1964

Dr. Robert B. Clark L. H. Bailey Hortorium New York State College of Agriculture Cornell University Ithaca, New York

Dear Dr. Clark:

Concerning your letter of November 6, did you talk to Dr. Moore about the palm losn? We have long had an agreement that from time to time a few odds and ends of 0. F. Cook reliquiae might be passed along as "extra dividends." If he is no longer interested please let me know. With our move to new quarters imminent, I hope to dispose of as much as possible.

As to the 17 specimens and photographs in exchange, if you got a total of 18 is that not satisfactory, the extra one being part of the "dividend"?

The bromeliad material is another matter of which I have no knowledge.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd/chl

MICHIGAN STATE UNIVERSITY EAST LANSING

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

6 November 1964

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

Dear Velva:

Thanks for letting me know about the missing Astranthium determinations. I don't know why we goofed, but I hope your set is the only one affected. Since Dr. De Jong has already departed from Michigan State (he is at Miami University), I have taken the liberty of making up annotation labels based on the numbers. These are enclosed.

I am hoping to find some time to work a few weeks at the Smithsonian early next year.

Best regards,

John H. Beaman

thanks Torginay

SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON, D.C. 20560

November 9, 1964

AIR LETTER

Dr. W. T. Stearn British Museum (Natural History) Cromwell Road London S.W. 7. GREAT BRITAIN

Dear Dr. Stearn:

I was sorry to miss you that last day at EM (September 11) and not be able to thank you in person for all your help and hospitality. My great hope is to be able to return as soon as possible, to take advantage of the historical specimens, the library, and you. Probably I should do well not to advise you of my schedule; you might flee to some peaceful jungle spot in Jamaica.

Since I returned I have had less time than I would like for working up the notes I took at the various herbaria. For one thing, our department is "reorganizing"; the new chairman is your namesake, Wm. L. Stern. In about eight months we are due to move to the new West wing of our Natural History Building. Although we all look forward to the more desirable quarters, we already are confronted by chores that must be done shead of time. Also, we are now having our turn at entertaining visitors. Pleasant as they may be, their presence is distracting, as you only too well know.

By surface mail I have sent you a couple of reprints of the Acacia cornigera paper that you helped me with, as well as a few other odds and ends.

Many thanks for your kind attention. Greetings and thanks also to your colleagues who helped me.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd/chl

THOMPSON'S FLOWERS

MEMBER

PHONE: AREA CODE 713 RA 2-4856

FLORISTS' TELEGRAPH DELIVERY ASSOCIATION

SOUTHERN FLORIST AND NURSERYMAN P. O. BOX 194 215 12TH STREET NEDERLAND, TEXAS

Smithsonian Institution

Department of Plant Identification

Washington, D. C. 20560

FLOWERS BY WIRE - GUARANTEED DELIVERY - WORLDWIDE



NOV 2 1 1964

Gentlemen:

Attached is about 1/2 a bean pod. I was given the seed by a friend who called these "German butterbeans".

Would you please tell me what the species of bean is and if it is edible?

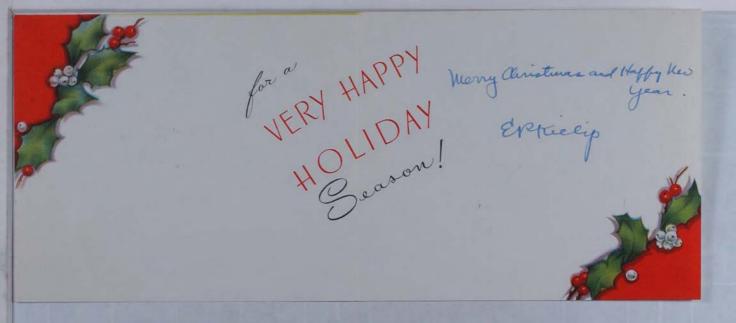
The flowers are purple, rather light, not deep.

Thank you,

George Thompson



Hunt Institute for Botanical Documentation



Hunt Institute for Botanical Documentation

Bonner (genera, sunty.) or a collective one to you all you will occept it, we hope!) when you have read meant for the whole year that the arrestors had to choulder between them the raspon Hunt Institute for Botanical Documentation

after the congress. We send them a very special balls shape feer will come again soon to these who were hot at the Congress we hope to see next year for don't forget - if general is in a way a European Mesca for Botonits the botanical pilgrims are for us a Source of new ideas and of friendle contacts which evidences for visitors at the historical por year theore responsible for visitors at the historical welcomes you warmly in 1965.

of Edward's hider Repaticarum were published, but the fert volume cannot but in Bound Form and Part V is

at the printers. Rith started full-time work as Secretary of the International Schools Association, assuring Contact Between international schools in four continents The mojor scheme of the Association, in collaboration with UNESCO and a lend organizations draling with aducation is the creation of international curricula and examinations, culminating in an international boscalaureale. Wear this is fully plante + recognized be the major universities of the world parents will have less workie where to send feir dildren and universities will lave less problems They will then dispose of an internationally valid yardstick - or "meter stick"!

Anyone interested in these projects will be sent documentation on demand - so don't lesitate to contact

Hunt Institute for Botanical Documentation

Hunt Institute for Botanical Documentation

December 8, 1964

Mr. George Thompson Thompson's Flowers P. O. Box 19h 215 - 12th Street Nederland, Texas

Dear Mr. Thompson:

Your "German butterbean" appears to be Canavalia gladiata (Jacq.) DC., usually called "sword bean," and is an edible species, I believe. However, before you prepare a feast I think you should write and send a sample to Dr. Jonathan Sauer, Department of Botany, University of Wisconsin, Madison, Wisconsin. Dr. Sauer has recently completed a study of the genus Canavalia and is the "expert" in matters of this group.

Sincerely yours,

Velva E. Rudd Associate Curator Division of Phanerogams

VERudd/chl

* Dr. JOSE DE JS. JIMENEZ

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



Dec. 14, 1964

Dear Lyman:

I am sending you a fragment of a vine many m. long brought to me without any other data concerning flowers, fruits and so forth.

I have thought of a Cucurbit, perhaps Corallo(Gara) Cogn.
carpus emetocatharticus. Please match it with
some of the Smithonian specimens and let me
know. As you see the tendrils are simple. This
plant has tuber-like stem-bases simulating a
sweet-potato (Batatas). For this reason it is
called Batata sambomba. Msek for Newely.

Thanking you in advance and with best wishes for Christmas and a happy New Year I am yours very sincerely

P.S.-How is Emery Leonard?

we only for PR - Very a may