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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.

UNIVERSITY OF MINNESOTA
COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS
MINNEAPOLIS

DEPARTMENT OF BOTANY

Feb. 6, 1933.

Miss Velva Rudd,
Department of Botany,
University of Cincinnati,
Cincinnati, Ohio.

Dear Miss Rudd:

I have your letter of February 1st concerning the possibility of an assistantship or fellowship here. I wish that I could give you some encouragement as to the prospects here, but under present conditions there is really very little hope. There may be one or two vacancies, but there will be many applicants and it may be that the authorities will cut down on the number of assistants allowed us, thus preventing the filling of any vacancies that may occur. However, it will do no harm to put in your application. The proper course is to send to our Graduate Department for the application blanks and instructions.

Please give my kindest regards to Miss Braun.

[E. Lucy]

Sincerely yours,

William S. Cooper

W. S. Cooper, Professor,
Department of Botany

WSC:EMF

UNIVERSITY OF MINNESOTA
COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS
MINNEAPOLIS

DEPARTMENT OF BOTANY

Sept. 26, 1933.

Miss Velva Rudd,
Department of Botany,
N. D. Agricultural College,
Fargo, North Dakota.

Dear Miss Rudd:

I am very much pleased to hear that you have been awarded a fellowship by the National Farm and Garden Association and that you have decided to come to the University of Minnesota to pursue graduate work in botany during the coming year.

I think you will have no difficulty in arranging a suitable program and we shall be able to give you quarters in one of our research laboratories. It is possible that you may have to share this with one other graduate student, but there will be adequate space.

Very sincerely yours,

C. O. Rosendahl

C. O. Rosendahl, Chairman,
Department of Botany

COR:ELMF

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA
THE COLLEGE

Botanical Laboratory
38th St. and Woodland Ave.

January 31, 1934.

Miss Velva Rudd,
P.O. #1031,
University Farm,
St. Paul, Minnesota.

My dear Miss Rudd:

In response to your letter of inquiry as to openings here, I have asked our Graduate School to send you application blanks and information as to the fellowships and scholarships we can offer. Awards are made in March so it will be well for you to make application immediately. There are no assistantships open to women here.

As there are no graduate students specializing in Ecology here at present, I hope you will be successful in obtaining one of the scholarships.

Yours sincerely,

Edgar T. Wherry

Edgar T. Wherry,
Associate Professor of Botany.

ETW:M

Caracas, P.O.B. 255, Aug. 6, 1948.

Dear Miss Rudd,

I just received from friend S. E. Blake a letter that forced me of a great weight. My connections with Washington are now reduced to such an extent that I was at a loss how to resolve the pressing problem of my Secretary, miss Stella Garcia, who is to go to Washington to do some work for me, ostensibly, but mainly to acquire some conversational practice in English.

I have been ill for the last two months and am now far from entirely recovered, being actually confined at home. During that time, Miss Garcia has been in charge of my office, that is to say, of the administrative part, which is every day more complicated by new (red tape) rules. She has managed everything better than I could have done it myself and I thought she should have an adequate reward. Really I need very much the data I want her to collect for me and which, anyway will be useful to those coming after I am gone, but mainly I wanted Stella to have an opportunity to polish her English. She is already far advanced in her knowledge of that language, taking my letters on dictation and reading, translating, etc. with facility. But when I try to converse in English with her she answers in Spanish, though Mrs Fairchild and Miss Brane (this last the assistant of Dr. Bole) tell me that she converses fluently and correctly with them.

Well I obtained easily the permit, including passages and traveling expenses, plus the cost of getting photographic copies of certain parts of a book. Of course, she will get her salary, (C. 800 or a little more) so that she will receive each month over \$200. Of course, she will have many expenses besides her room and board. I told her not to take a heap of clothing and she is only afraid she will not find shoes and stockings to her size in the State. I am so glad that you are to look after her. You will find her a charming child, 32 years old but really younger, pretty now and prettier when you have taken her me to a beauty parlor so that she will know how to arrange her hair.

Miss Garcia belongs to a very good family. Her father is of Galician (Gallego) descent and the mother of Corsican origin. There are 5 sisters in the family and Salie is the only one who has inherited her mother (Italian) eyes.

Well, you will see for yourself and I cannot now give you a complete biography. Moreover you certainly know her since she runs on her quite well and was so glad to know you would be kind enough to take care of her.

She expects to leave at the first opportunity after Aug. 13th, because she wants to be here at my 9th birthday. Of course she has to go first to New York, where I hope Mrs. Moldenke can go and see about her transfer to the Penn. R.R. They will then telegraph on which train she goes and if nobody could go and meet her I think she could go by herself either to Killip or to the address of Mrs. Windom.

Very likely I will have to write you again before Miss Garcia goes. Desiring to get an answer from Blake, I wrote to dear Mrs. Chase. Through Killip, I knew there was a case she could take the girl, but thought that perhaps she could give good advice. That I did only the day before yesterday expecting that Killip might go to the station I sent him a picture I hope to be able to inclose another here.

With the expression of all my gratefulness, I am yours sincerely

H. C. Altier



If I remember correctly, Estella
roomed with a neighbor of
Mrs. Chase,

— Ruhl

August 21, 1949

Dear Velva -

I've enjoyed your letter a lot, even if I have waited more than a month to write. Again, the book is the ^{Decision Forest} culprit. Ever since May, I've been working on my large map - the final copy took 6 weeks, from the middle of June until the first of August, when I finally shipped it off. It is 39 x 41 inches, mounted on plywood 43 x 48 inches. Some size to draw on! The topography is done in Pollock type, for the most parts. The Turtle Mts. are in the northwest corner! Now we are trying to rest up (by means of physical activity) and catch up on some of the many things left undone. I hope there is a fair interval before proof starts coming.

Your idea of working up the N.D. flora affinities, sounds fine to me. You had so much done, and now your two weeks in N.D. must have helped to

round things up. I'm so glad you are back in Botany again; I believe that is what you really enjoy. In Washington you can hold a good job and work along toward your degree, too, which would not be possible in many places. But, take some of the "dirt" you've heard with a grain of salt! There are two sides to some of the points.

I think Amer. Midl. Nat. would be O.K. as a place of publication for N.D. affiliates. Of course, it has all ^{nat} science, not just botany, and in some ways a botanical journal might reach more botanists. But which one? Most of them are too specialized or too localized. "Ecology" might feel that the paper was too taxonomic, but it would be worth a trial, perhaps. I do not know the present editor of the Midl. Nat.; you know just is no longer there.

This is a glorious day, cool & brilliant, a welcome change from an awful hot humid summer. Makes us want to go places, something we have not done at all this summer.

[E. Lucy Braun]
- me (Braunie)

129
Copy, Miss Rudd.

187930

November 2, 1950

Mr. J. W. Emmert
Superintendent
Glacier National Park
West Glacier, Montana

Dear Mr. Emmert:

Referring to your letter of August 25 and the specimens sent us for identification at that time, Miss Velva Rudd, of our staff, has checked your material of Populus against that in the National Herbarium. Some delay was caused by the fact that most of our Populus material had been on loan to Dr. Rouleau, of Montreal; but now that loan has been re-incorporated in the herbarium. Miss Rudd's report follows:

"The specimens sent by the National Park Service all appear to represent Populus trichocarpa T. & G., those in fruiting condition (Lynch 6/29/50 and 7/1/50) corresponding to P. trichocarpa var. hastata (Dode) Henry (P. hastata), which is segregated by some botanists from the pubescent-fruited typical form. Material annotated by Dr. Rouleau indicates that he does not recognize the segregate even varietally, but places most of the western collections in P. trichocarpa. The Park Service material, like other specimens of P. trichocarpa, including Standley's from Glacier Park, is characteristically 3-valved. The eastern North American material identified as P. balsamifera (P. tacamahacca Mill.) is characteristically 2-valved.

"The Betula nomenclature has been rather confused. According to Fernald (Rhodora 47: 303 - 329. 1945) B. occidentalis (as used by Standley) = B. papyrifera var. commutata (Regel) Fernald, and B. occidentalis Hook. (correctly used) = B. fontinalis Sarg. Betula papyrifera var. subcordata (Rydb.) Sarg. is evidently all right.

"With the above nomenclature in mind, I have examined Standley's specimens from Glacier Park. I find one sheet identified in his handwriting as 'Betula occidentalis Hook.?'; this is from 'along Swiftcurrent Creek, below Lake McDermott, alt. about 1350 meters.' It is a sterile specimen, but from its vegetative characters it looks essentially like the other sheets, which are labeled Betula papyrifera Marsh. Only three sheets of the latter

2 - Mr. Emmert (187930) - November 1950

are fertile. One, from 'vicinity of Belton, alt. 346 to 980 meters,' corresponds in leaf shape and bract and samara size to B. papyrifera var. subcordata. The other two, both from 'vicinity of Glacier Hotel (Lewis's), at the head of Lake McDonald, alt. 960 to 1050 meters,' said to be common and up to 60 feet high, correspond to B. papyrifera var. commutata.

"Additional fertile material of the Betula would be helpful."

I hope that the above notes will be of interest to you and Mr. Lynch. We are accessioning the five specimens of Populus as a transfer from the National Park Service and they will be placed in the National Herbarium.

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

ACS:mith:rbh

copy for VER
P-861

May 15, 1951

AIR MAIL

Dr. Ramiro Montes V.
Escuela Nacional de Agricultura
Chinandega, Nicaragua

Dear Dr. Montes:

The package of plant specimens mentioned in your letter of March 28 was recently received and the material has been studied by Miss V. E. Rudd of our staff. Our identifications are as follows:

-
- 68 *Russelia sarmentosa* Jacq.
 - 69 *Melochia pyramidata* L.
 - 70 *Boerhaavia erecta* L.
 - 71 *Mollugo verticillata* L.
 - 72 *Commelina erecta* L.
 - 73 *Peperomia pellucida* H.B.K.
 - 74 *Hybanthus attenuatus* (H. & B.) Schulze
 - 75 *Paullinia fuscescens* H.B.K.
 - 76 *Phyllanthus niruri* L.
 - 77 *Oxalis corniculata* L.
 - 78 *Euphorbia microappendiculata* Lessy
 - 79 *Euphorbia thymifolia* L.
 - 80 *Euphorbia hirta* L.

While we are glad to have material from Nicaragua for the National Herbarium, your specimens would be considerably increased in value if you would send us data as to the place and date of collection, the habitat, notes on the flower color, name of collector, etc. We should appreciate having you supply such information with your future shipments.

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

ACSmith:ded

April 12, 1951

Mr. Delzie Demaree
Arkansas State College
Department of Botany
State College, Arkansas

Dear Mr. Demaree:

Mr. Swallen has asked me to reply to your letter of April 6, and to acknowledge the package of plants which has been received in good condition. According to our count this shipment contains 151 specimens from Arkansas and Mississippi.

We note that you desire identifications of this material which will be accessioned as a gift from you. A great deal of work of this sort has accumulated in recent months, and I am not sure that we can report the identifications to you very promptly. However, one of our staff members will try to send you at least a partial report as soon as possible.

Three of the specimens lack labels: Nos. 27007, 27674, and 30275. If possible, will you kindly send the labels for these numbers?

With thanks for your continued cooperation.

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

A.C. Smith:ded

Copy VE R.

P-850

190475

May 8, 1951

Dr. Delzie Demaree
Arkansas State College
Department of Botany
State College, Arkansas

Dear Dr. Demaree:

The material which you sent us on April 6 and which I acknowledged on April 12 has now been studied by Miss Welva H. Rudd of our staff. Enclosed is a list of her identifications. Most of the specimens were matched with material in the National Herbarium, but there remain a few concerning which Miss Rudd had various questions. From her list you will see which numbers are concerned.

May I remind you again that three of the specimens lacked labels, as mentioned in my earlier letter. We should be glad to have these at your convenience. The shipment is a very useful addition to the National Herbarium, and we appreciate your permission to keep it.

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

Enclosure

ACSmith:ded

Dr. Delzie Demaree; plants of Arkansas, Mississippi, etc.
U. S. N. M. 190475; May 1951.
Identified by V. E. Rudd.

- 25757 *Lechea tenuifolia* Michx.
25917 *Trillium sessile* L.
25918 *Lithospermum canescens* (Michx.) Lehm.
25926 *Hydrophyllum appendiculatum* Michx.
25928 *Uvularia perfoliata* L.
25930 *Geum vernum* (Raf.) T. & G.
25937 *Valerianella bushii* Dyal.
25938 *Arenaria patula* Michx.
25943 *Delphinium tricornis* Michx.
26625 *Ipomoea pandurata* (L.) G. F. W. Mey.
26648 *Lysimachia* (*Steironema*) *quadrifolia* Sims.
26649 *Apocynum cannabinum* var. *pubescens* (Mitchell) A. DC.
26767 *Linum medium* var. *texanum* (Planch.) Fern.
26795 *Apocynum cannabinum* var. *pubescens* (Mitchell) A. DC.
26820 *Sparganium americanum* Nutt.
26823 *Malva neglecta* Wallr.
26824 *Arenaria serpyllifolia* L.
26827 *Alisma triviale* Pursh.
26849 *Commelina diffusa* Burm. f.
26849A *Tradescantia subaspera* Ker.
26852 *Sisymbrium altissimum* L.
26862 *Triosteum aurantiacum* Bickn.
26868 *Stenanthium gramineum* (Ker.) Morong
26914 *Chenopodium berlandieri* Moq. var.
26956 *Commelina erecta* var. *angustifolia* f. *crispa* (Wooton) Fern.
26969 *Lysimachia radicans* Hook.
27007 *Apocynum cannabinum* var. *pubescens* (Mitchell) A. DC.
27032 *Ipomoea pandurata* (L.) G. F. W. Mey.
27037 *Geum canadense* Jacq. (the head does not seem large or dense enough to be var. *campanum*.)
27039 *Polygonatum biflorum* (Walt.) Ell.
27060 *Chenopodium ambrosioides* L.
27091 *Spiranthes cernua* (L.) Richard
27115 *Apocynum cannabinum* var. *pubescens* (Mitchell) A. DC.
27118 *Polygonum hydropiperoides* f. *strigosum* (Small) Stanford.
27133 *Hibiscus grandiflorus* Michx.
27149 *Paronychia fastigiata* (Raf.) Fern.
27186 *Habenaria ciliaris* (L.) R. Br.
27190 *Lechea villosa* Ell.
27191 *Lechea tenuifolia* Michx.
27280 *Polygonum aviculare* L.
27281 *Amaranthus graecizans* L.
27282 *Chenopodium ambrosioides* var. *chilense* (Schrad.) Spegaz.
27283 *Convolvulus arvensis* L.
27296 *Commelina diffusa* Burm. f.
27345 *Polygonum lapathifolium* L.
27346 *Convolvulus arvensis* L.
27354 *Acnida tamariscina* (Nutt.) Wood.

- 27361 *Silene cucubalus* Wibel.
 27390 *Sagittaria latifolia* Willd.
 27396 *Achillea tamariscina* (Rutt.) Wood.
 27407 *Chenopodium albescent* Small
 27434 *Commelina diffusa* Burm. f.
 27441 *Polygonum hydropiper* L.
 27442 *Amaranthus hybridus* L.
 27500 *Polygonum (tinaria) scandens* L.
 27501 *Achillea nitescens* Riddell.
 27502 *Commelina virginica* L.
 27532 *Chenopodium ambrosioides* L.
 27553 *Hibiscus grandiflorus* Michx.
 27597 *Potentilla simplex* Michx.
 27631 *Gratiola virginiana* L.
 27639 *Potentilla simplex* Michx.
 27661 *Amsonia tabernaemontana* var. *gattingeri* Woodson
 27663 *Rumex verticillatus* L.
 27674 *Amsonia tabernaemontana* var. *gattingeri* Woodson
 27677 *Arenaria serpyllifolia* L.
 27706 *Zigadenes nuttallii* Gray
 27751 *Polygonatum canaliculatum* (Nuhl.) Pursh.
 27755 *Potentilla recta* L.
 27762 *Rumex pulcher* L.
 27767 *Tradescantia hirsutiflora* Bush (should be No. 27667 as per number on newspaper?)
 27767 *Asarum canadense* L. (possibly var. *reflexum*, as are also F.A. Haas, No. 403 from Johnson, Mrs. E. M. Wells, No. 56 from Fayetteville, and F. J. Scully, No. 626, from Hot Springs)
 27826 *Polygala senega* L. var. *latifolia* T. & G.
 27829 *Lechea tenuifolia* Michx.
 27853 *Amsonia tabernaemontana* Walt.
 27916 *Rumex verticillatus* L.
 27938 *Potentilla norvegica* L.
 28411 *Chenopodium ambrosioides* L. (perhaps the same as *ch. integrifolium* Worosh.?)
 28415 *Polygonum persicaria* L.
 28416 *Amaranthus procidentis* L.
 28419 *Polygonum aviculare* L.
 28440 *Chenopodium missouriense* Kellen
 28482 *Froelichia campestris* Small
 28536 *Isanthus brachistatus* (L.) BSP.
 28592 *Chenopodium carinatum* R. Br.
 28607 *Sida acuta* Burm.
 28645 *Chrysopsis microcephalus* Small
 28650 *Erigeron philadelphicus* L.
 28652 *Gnaphalium purpureum* L.
 28663 *Helenium brevifolium* Nutt.
 28682 *Aster racemosus* Mill. ? (we would appreciate more material of this, if available)
 28684 *Cirsium horridulum* Michx.
 28809 *Delphinium tricornis* Michx.
 28820 *Lithospermum canescens* (Michx.) Lehm.
 28889 *Sisyrinchium furcatum* Bickn.
 28891 *Arenaria patula* Michx. (No. on newspaper is 28892)

- 28926 *Potentilla simplex* Michx.
 28936 *Camassia scilloides* (Raf.) Cory
 28937 *Trillium viride* Beck.
 28945 *Potentilla simplex* Michx.
 28963 *Polygonatum canaliculatum* (Muhl.) Pursh.
 29028 *Commelina communis* var. *ludens* (Miq.) C.B. Clarke
 29050 *Apocynum cannabinum* L.
 29097 *Rumex orbiculatus* Gray
 29109 *Geum canadense* Jacq.
 29150 *Ansonia illustris* Woodson
 29180 *Vernonia missaurica* Raf.
 29187 *Geum canadense* Jacq.
 29187A *Anemone virginiana* L.
 29201 *Lysimachia quadriflora* Sims.
 29234 *Geum canadense* Jacq.
 29237 *Anemone virginiana* L.
 29250 *Ipomoea pandurata* (L.) G. F. W. Mey.
 29253 *Nirabalis nyctaginea* (Michx.) Mack.
 29312 *Saponaria officinalis* L.
 29573 *Bidens bipinnata* L.
 29589 *Elephantopus nudatus* A. Gray
 29591 *Boltonia diffusa* Mill.
 29608 *Fluchea foetida* (L.) DC.
 29612 *Heterotheca subaxillaris* (Lam.) Britt. & Rusby
 29665 *Stokesia laevis* (Mill.) Greene
 29663 ("flat woods") - *Eupatorium rotundifolium* L.
 29637A ("pine barrens") - *Eupatorium rotundifolium* L.
 29690 *Sericocarpus bifolius* (Walt.) Porter
 29693 *Trilisa odoratissima* (Walt.) Cass.
 29706 *Chrysopsis graminifolia* (Michx.) Mill.
 29707 *Balduina uniflora* Nutt.
 29709 *Fluchea foetida* (L.) DC.
 29722 *Balduina uniflora* Nutt.
 29765 *Elephantopus elatus* Bertol.
 29777 *Helianthus rigidus* (Cass.) Desv.
 29816 *Lactuca canadensis* L.
 29826 *Vernonia missaurica* Raf.
 29829 *Omphalium obtusifolium* L.
 29831 *Hieracium gronovii* L.
 29849 *Polygonum (Tiniaria) scandens* L.
 29968 *Gentiana flavida* Gray
 30010 *Polygonum pennsylvanicum* L.
 30018 *Pilea pumila* (L.) Gray
 30023 *Chenopodium ambrosioides* L.
 30025 *Polygonum (Tiniaria) scandens* L.
 300600 *Isanthus brachiatus* (L.) B.S.P.
 30139 *Polygonum (Tiniaria) scandens* L.
 30225 *Sphenoclea zeylanica* Gaertn.
 30259 *Kickxia elatina* (L.) Dumort.
 30232 *Trianthema portulacastrum* L.
 30234 *Acnida tamariscina* (Nutt.) Wood.
 30241 *Polygonum (Tiniaria) scandens* L.
 30275 *Commelina erecta* var. *angustifolia* (Michx.) Fern.
 30354 *Rumex crispus* L.
 30355 *Rumex crispus* L.

P-858
G-585
F-195
C-194

Copy for VER.

May 8, 1951

Brother Ginés
Apartado 681
Caracas, Venezuela

Dear Brother Ginés:

The package mentioned in your letter of April 23, has now reached us in good condition. According to our count it contains 453 specimens and we note that you desire identifications for this material.

We are very glad to have specimens from the Perijá region, which is practically unrepresented in the National Herbarium. I do not know how soon we can undertake these identifications, but a report will be made to you as soon as possible.

Mr. Killip is still in Florida, but we expect him to return to Washington in the very near future. I shall give him your message.

With thanks for your continued cooperation,

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

-886
G-006
F-204
C-195

Copy

June 14, 1951

Brother Glade
Apartado 681
Curacao, Venezuela

Dear Brother Glade:

We have now received from you four additional packages of Venezuelan plants, like the last shipment, from the Perijá region. Possibly these were sent at the same time as those mentioned in your letter of April 23 and were delayed in transit.

The present shipment contains 254 specimens, and these will be studied and reported to you within a few months. Miss Ridd is at present working on your earlier sending, and she is finding some extremely interesting specimens. We have very little in the National Herbarium from the Perijá region, and consequently your collections are welcome. However, I wish that you would make an attempt to obtain larger specimens. In general, herbarium material should be selected with a view to covering a herbarium sheet approximately 11 inches by 17 inches. Plants obtained by you are so unusual that we are sorry to note that the specimens are frequently too small in size.

With thanks for your continued cooperation,

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

ACSmith:ded

add to P-889

July 5, 1951

Dr. Delsie Demaree
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

The package mentioned in your letter of June 29
has been received in good condition, and I note that it
contains 11 more specimens of Mississippi plants. These
will be added to the shipment which you made on June 16,
and all the material will be treated at one time.

With thanks for these additional collections,

Very truly yours,

A. C. Smith
Curator
Division of Phanerogams

copy
P-902

July 13, 1951

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

Dear Professor Lowery:

The package containing 65 specimens collected in San Luis Potosi was received a few days ago. The identifications will be reported to you as soon as possible, although there may be a delay of a month or two before the specimens can be studied.

Very sincerely yours,

Jason R. Swallen
Head Curator
Department of Botany

JRSwallen:cbm
(P-902, C-621, F-216)

acc. —
9 for dupes.
15 to mount

24 total
=

P-858

C.H.

1907/1

July 16, 1951

AIR MAIL

Brother Ginés
Apartado 681
Caracas, Venezuela

Dear Brother Ginés:

Miss Rudd has now identified most of the specimens which you sent us on April 23 and which we acknowledged in my letter of May 8. A copy of her identifications is herewith enclosed, and I hope that these will be of interest and value to you.

Several of the specimens are too inadequate to permit positive identification, but in these cases we give the generic name when possible. Other specimens, such as those of Piper and Peperomia, will be sent to specialists for naming and a report will be made to you as soon as possible.

We greatly appreciate the material which you have been sending recently, and I hope that we may look forward to future cooperation with you.

With best regards,

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

Enclosure

ACSmith:ded

Plants of Venezuela; Brother Ginés
Reported by U. S. National Museum, July 1951; 190743
Identified by V. E. Rold unless otherwise noted

- 1200 Eupatorium odoratum L.
1203 Wedelia fruticosa Jacq.
1205 Baccharis trinervis var. rhexioides (H.B.K.) Baker
1207 Eupatorium maydalinum Lam.
1213 Cyperus globulosus Aubl.
1214 Pectis elongata H.B.K.
1217 Desmodium prehensile Schitdl.
1218 Polygala Lindenii Chod.
1219 Melanthera aspera (Jacq.) L. C. Rich
1221 Sida glutinosa Cav. ? too fragmentary
1223 Quassia coccinea (L.) Moench.
1227 Piper sp.
1231 Cyperus incompletus (Jacq.) Link.
1232 Melochia globifera Br. & Panch.
1233 Solanum aff. nigrum L.
1234 Vigna unguiculata (L.) Walp.
1238 Acalypha diversifolia Jacq.
1242 Piper sp.
1247 Cordia sp. aff. curassavica (Jacq.) R. & S.
1248 Verbascum columbianum Robins.
1249 Passiflora foetida L. Det. H. P. Killip
1250 Clibadium surinamense L.
1255 Bernardia jacquiniana Muell.-Arg.
1256 Scaevola guianensis Aubl. Det. A. C. Smith
1259 Conocarpus sp.
1261 Psychotria fortunei Standl. ?
1263 Begonia sulcata Scheidw. ? Det. L. B. Smith
1264 Peperomia sp.
1265 Peperomia sp.
1271 Piper sp.
1272 Piper sp.
1275 Crotalaria anagyroides H.B.K.
1276 Orthopogon angustifolius (Sw.) Gleason
1279 Eriosema rufum (H.B.K.) G. Don
1281 Solanum aff. hirtum Vahl.
1282 Delichos labile L.
1283 Bulbostylis capillaris (L.) Kunth
1284 Bulbostylis capillaris (L.) Kunth
1285 Nicotiana glauca L.
1287 Desmodium cajanifolium (H.B.K.) DC.
1289 Pseudoclephantopus spicatus (Juss.) Rohr.
1296 Psychotria ?
1300 Cuphea speciosa (Anders.) Ktze.
1301 Acalypha diversifolia Jacq.
1302 Wedelia (too fragmentary)
1307 Solanum scabridum Dunal
1311 Pavonia rosea Schlecht.

- 1315 *Demodiodium intortum* (Mill.) Urb.
 1321 *Fuirena umbellata* var. *hirsuta* Nees.
 1324 *Cordia alliodora* (R. & P.) Cham.
 1337 *Passiflora adenopoda* DC. Det. H. P. Killip
 1338 *Valeriana pavonii* Poepp. Det. H. P. Killip
 1470 *Zygopetalum* sp.
 1471 *Psurothallis* sp.
 1472 *Begonia stigmosa* Lind. Det. L. B. Smith
 1473 (Orchid.) need flowers
 1474 *Miconia serrulata* Ham.
 1478 *Polygala longicaulis* H.B.K.
 1479 *Orthopappus angustifolius* (Sw.) Gleason
 1480 *Declieuxia fruticosa* (Willd.) Ktze.
 1481 *Belbostylis junciformis* Kunth.
 1482 *Baccharis trinervis* var. *rhacoides* (H.B.K.) Baker
 1483 *Declieuxia fruticosa* (Willd.) Ktze.
 1486 *Epidendrum* sp.
 1492 *Psidium* sp. ?
 1493 *Koellensteinia* sp. ?
 1494 *Eletia tuberosa* (L.) Ames
 1495 *Hyptis brachiata* Briq.
 1496 *Buchnera pusilla* H.B.K.
 1498 *Relbunium hypocarpium* (L.) Hemsl.
 1499 *Loeselia glandulosa* (Cav.) G. Don
 1500 *Seseli* sp.
 1503 *Reytenosa cleracea* (Jacq.) G. F. Cook
 1504 *Koellensteinia* sp. ?
 1505 *Stanhopea* sp. ?
 1506 *Dichaea muricata* var. *latifolia* Lindl.
 1507 *Fallicourea crocea* (Sw.) R. & S.
 1508 *Eupatorium odoratum* L.
 1509 *Hoffmannia pauciflora* Standl.
 1510 *Guzmania patula* Mez & Wreckle ? Det. L. B. Smith
 1511 *Zygopetalum* sp. ?
 1512 *Cephaelis tomentosa* (Aubl.) Vahl.
 1514 *Peperomia* sp.
 1515 *Miconia thamesensis* (Bonpl.) Cogn. ? immature
 1518 *Anthurium nymphaeifolium* C. Koch
 1521 *Weinmannia pinnata* var. *caripensis* (H.B.K.) Cuatr.
 1526 *Peperomia* sp.
 1527 *Peperomia* sp.
 1528 *Umbinia humata* (Sw.) Urb.
 1530 *Cateactum* sp. ?
 1531 *Habrocantha diversicolor* Lindau. Det. H. G. Leonard
 1532 *Rondeletia inconstans* Standl.
 1534 *Psychotria araguana* Standl. ?
 1535 *Sanicula liberta* C. & S.
 1536 *Pavonia* sp. ? need fruit
 1537 *Piper* sp.
 1538 *Psychotria* sp.
 1539 *Begonia* sp. Det. L. B. Smith
 1540 *Cephaelis tomentosa* (Aubl.) Vahl
 1542 *Malaxis* sp.

- 1545 *Bolmestylis junciformis* Kunth
 1546 *Fimbristylis complanata* (Retz) Link
 1548 *Fimbristylis spodioca* (L.) Vahl.
 1549 *Lentana lilacina* Desv.
 1550 *Picramnia gracilis* Tul.
 1551 (Orchid.)
 1553 *Labea seemannii* Tr. & Planch. ?
 1554 *Chamaesema reticulata* (Willd.) Pittier
 1555 *Calycephyllum candidissimum* (Vahl.) DC.
 1556 *Bemisia unguolata* L.
 1557 *Cliriciodia sepium* Steud.
 1558 *Nectandra concinna* Nees Det. A. C. Smith
 1559 *Pterocarpus podocarpus* Blake
 1560 *Fleurothyrium* sp. Det. A. C. Smith
 1561 *Cordia alliodora* (R. & P.) Cham.
 1562 *Cochlospermum vitifolium* (Willd.) Spreng. Det. S. C. Leonard
 1563 *Tabebuia chrysea* Blake
 1564 *Bredemeyera altissima* (P. & H.) A. W. Benn. ?
 1565 *Melochia villosa* (Mill.) F. & R.
 1566 *Couteouchea spicata* Aubl.
 1569 *Sipanea colombiana* Wernh. ? need fruits
 1570 *Cordia sebestena* L.
 1574 *Mussa urens* DC.
 1575 *Maranta arundinacea* L. Det. J. Iacobo
 1576 *Desmodium*
 1577 *Borreria capitata* (R. & P.) DC.
 1578 *Malanthra aspera* (Jacq.) L. C. Rich.
 1579 *Eupatorium odoratum* L.
 1581 *Tephrosia sinapou* (Benth.) A. Chev.
 1582 *Piper* sp.
 1583 *Stenomastichus archioides* (Sw.) Rich.
 1585 *Passiflora baflorea* Lam. Det. S. F. Killip
 1587 *Chenopodium ambrosioides* L.
 1588 *Souroubea guianensis* Aubl. Det. A. C. Smith
 1590 *Nicotiana tabacum* L.
 1591 *Cyperus flatus* (Vahl.) Nees.
 1592 *Wedelia fruticosa* Jacq. ?
 1593 *Desmodium uncinatum* (Jacq.) DC.
 1594 *Cordia* sp. aff. *curassavica* (Jacq.) R. & S.
 1595 *Pseudoelephantopus spicatus* (Juss.) Rehr.
 1596 *Begonia stigmosa* Lindl. Det. L. B. Smith
 1597 *Anthericum* sp.
 1598 *Euphorbia heterophylla* var. *gracilifolia* (Michx.) Engelm.
 1599 *Euphorbia lasiocarpa* Kl.
 1600 *Desmodium cajaniifolium* (H.B.K.) DC.
 1601 *Polypala lindemii* Chod.
 1602 *Passiflora edanopoda* DC.
 1603 *Euphorbia caracasana* Boiss.
 1605 *Oncoseris onoseroides* (H.B.K.) Robinson Det. R. Ferreyra
 1606 *Desmodium cajaniifolium* (H.B.K.) DC.
 1607 *Piper* sp.
 1608 *Nyctis mutabilis* (Rich.) Briq.

- 1869 Cayaponia racemosa Cogn.
 1870 Melochia globifera Tr. & Planch.
 1871 Crotalaria anagyroides H.B.K.
 1872 Maranta arundinacea L. Det. J. Idrobo
 1873 Iresine colosia L.
 1876 Bernardia coronata (Jacq.) Muell.-Arg.
 1878 Peperomia sp.
 1883 Philodendron guatemalense Engl.
 1884 Cardamine africana L.
 1889 Peperomia sp.
 1894 Peperomia sp.
 1895 Piper sp.
 1896 Pavonia rosea Schlecht.
 1897 Cereus ? (material inadequate)
 1898 Campelia nanana (L.) H.B.K.
 1899 Brechtites valerianaeifolia DC.
 1901 Guarea trichilioides L.
 1902 Ficus urbaniana Warb. ?
 1903 Psychotria hebeclada DC.
 1905 Medelia ?
 1906 Peperomia sp.
 1907 Tibouchina gracilis (Bompl.) Cogn.
 1908 Finbriatylis surma (All.) R. & S.
 1910 Cyperus flavus (Vahl.) Nees
 1916 Peperomia sp.
 1917 Passiflora adenopoda DC.
 1918 Ardisia guianensis (Aubl.) Mez Det. R. C. Leonard
 1919 Peperomia sp.
 1920 Spathiphyllum carnifolium (Dryand) Schott
 1921 Renealmia platycolea K. Schum. ?
 1922 Erythrina mitis Jacq.
 1923 Anthurium karstenianum Engl. vel aff.
 1924 Roystonea oleracea (Jacq.) O. F. Cock
 1925 Bosmina sp. ? (too immature)
 1926 Anthurium crassinervium (Jacq.) Schott.
 1927 Chamaedorea bartlingiana Wendl.
 1928 Stromanthus lutea (Koern.) Eichl. Det. J. Idrobo
 1929 Parathesis (or Stylogyne ?) flowers needed Det. A. C. Smith
 1930 Bealeria mucronata Kunst. Det. C. V. Morton
 1931 Tinantia erecta (Jacq.) Schlecht.
 1932 (Myrsinaceae) Material inadequate, need flowers.
 1933 Tillandsia deypeana Steud. Det. L. B. Smith
 1934 Cereus ? (material inadequate)
 1935 (Orchid.)
 1937 Isochilus linearis (Jacq.) R. Br.
 1938 Senecalia sp.
 1939 Gussclit coccinea (L.) Moench.
 1940 Ipomoea nil (L.) Roth
 1941 Ternstroem lebalis Spreng.
 1942 Rellanium hypocarpium (L.) Hemsl.
 1943 Crotalaria anagyroides H.B.K.

- 1945 *Calcea caracasana* (H.B.K.) Ktze.
 1946 *Lantana camara* L.
 1947 *Jacquemontia sphaerostigma* (Cav.) Rusby
 1948 *Piper* sp.
 1949 *Verbesina columbiana* Robins.
 1950 *Onopeltium elegans* H.B.K.
 1952 *Legonaria siceraria* (Nol.) Standl.
 1953 *Clavija longifolia* (Jacq.) Wess
 1954 *Hibiscus abelmoschus* L.
 1955 *Eleocharis fistulosa* (Poir.) Link. ? (material immature)
 1956 *Eleocharis geniculata* (L.) R. & S. ? (material immature)
 1958 *Cereus* ? (material inadequate)
 1959 *Cereus inaequalis* Otto ? (material inadequate)
 1961 *Canavalia macropleura* Piper ?
 1962 *Pectis elongata* H.B.K.
 1963 *Declieuxia fruticosa* (Willd.) Ktze.
 1965 *Eupatorium ayschilum* Less.
 1966 *Dalmanella capillaris* (L.) Kunth.
 1967 *Siphocampylus* sp.
 1968 *Hypericum loricifolium* Juss.
 1969 *Mimosa catanua* H. B. Brown Det. R. Farreyra
 1970 *Achyrocline vagesiana* DC.
 1971 *Senecio* sp.
 1972 *Fernettia prostrata* var. *purpurea* (Don) Sl. Det. A. C. Smith
 1973 *Gynerosia buxifolia* H.B.K. Det. A. C. Smith
 1974 *Hesperomelos goudotiana* DC.
 1975 *Roupala johnii* Pittier
 1976 *Arctophyllum nitidum* (H.B.K.) Schl.
 1977 *Phoradendron* sp. Det. A. C. Smith
 1978 *Beberia hispida* P. & E. Det. A. C. Smith
 1979 *Dendrophthora* sp. (material inadequate)
 1980 *Orthrosanthus chimboracensis* (H.B.K.) Baker
 1981 *Ilex myricoides* H.B.K. Det. E. C. Leonard
 1982 *Tillandsia dappena* Steud. var. ? Det. L. B. Smith
 1984 *Tillandsia* aff. *caloura* Horns. Det. L. B. Smith
 1985 *Cephaelis* sp. ?
 1985 *Beberia nana* A. C. Sm. & J. Det. A. C. Smith
 1986 *Disterigma alaternoides* (H.B.K.) Nied. Det. A. C. Smith
 1990 *Eupatorium iridolepis* Robins.
 1991 *Cyrtopodium* sp. ?
 1993 *Hypericum platyphyllum* Gleason var. aff.
 1994 *Psychotria amita* Standl.
 1995 *Eupatorium sillense* Hieron.
 1997 *Hesperomelos goudotiana* DC.
 1998 *Leandra* sp.
 1999 *Beberia glauca* var. *glauca* Mansf. & Slemmer Det. A. C. Smith
 2000 *Rebunium hypocarpum* (L.) Hemsl.
 2002 *Tillandsia tetrantha* R. & P. Det. L. B. Smith
 2003 *Antiarium brodiaeyi* Schott.
 2004 *Peperomia* sp.
 2005 *Peperomia* sp.
 2009 *Siphocampylus* sp.
 2010 *Cephaelis axillaris* Sw.
 2012 *Crotalaria anagyroides* H.B.K.

- 2013 *Secollonia floribunda* H.B.K.
 2014 *Calea* sp.
 2015 *Ditassa* sp. ?
 2017 *Anthurium* aff. *hygrophyllum* Engl. ?
 2019 *Baferia glauca* var. *glanulosa* Manaf. & Slesner Det. A. C. Smith
 2020 *Coccothymus lanceolatus* (R. & P.) Pers.
 2021 *Calea caracasana* (H.B.K.) Kuntze
 2022 *Passia nutans* Planch. Det. E. C. Leonard
 2023 *Tillandsia biflora* R. & P. Det. L. B. Smith
 2024 *Anthurium nympheaeifolium* C. Koch
 2025 *Clusia* sp.
 2026 *Dioclea* sp.
 2027 *Epidendrum* sp.
 2028 *Calea solidaginea* H.B.K.
 2029 *Epidendrum* sp.
 2031 *Polygala lindanifolia* Chod.
 2032 *Iresine celosia* L.
 2033 *Palicourea crocea* (Sw.) R. & S.
 2035 *Stemorrhynchus speciosus* (Jacq.) L. C. Rich
 2036 *Heliconia* sp. Det. L. B. Smith
 2037 *Beneclia platycolea* K. Schum. ?
 2038 *Pitcairnia heterophylla* (Lindl.) Beer Det. L. B. Smith
 2039 *Tibouchina longifolia* (Vahl.) Baill.
 2040 *Buchnera pusilla* H.B.K.
 2041 *Justicia secunda* Vahl. Det. E. C. Leonard
 2042 *Mimosa calycosa* Griseb.
 2043 *Sida acuta* Burm. ?
 2044 *Piper* sp.
 2045 *Metia tuberosa* (L.) Ames
 2046 *Psychotria araguensis* Standl. ?
 2047 *Dioclea trujillensis* Pittier
 2048 *Cordia* aff. *curassavica* (Jacq.) R. & S.
 2051 *Eupatorium myrsinifolium* Less.
 2052 *Cestus spiralis* (Jacq.) Rose.
 2053 *Erythroxylon procera* (Schlt.) Ames
 2054 (*Bignoniaceae*) sterile material inadequate
 2055 *Otopappus australis* Blake
 2056 *Melothria guadalupensis* (Schlecht.) Cogn.
 2058 *Trixis divaricata* (H.B.K.) Spreng.
 2059 *Piper* sp.
 2060 *Brickellia diffusa* (Vahl.) H.B.K.
 2061 *Merrania macrocalyx* (R. & P.) O'Donnell
 2062 *Xiphidium caeruleum* Aubl.
 2063 *Epidendrum* sp.
 2064 *Spilanthes americana* (Mutis) Hieron.
 2065 *Oliganthes vernonioides* (H.B.K.) Nutt.
 2066 *Cissus rhombifolia* Vahl.
 2067 *Myrtis capitata* Jacq.
 2068 *Centrosema pubescens* Benth.
 2069 *Eupatorium solidaginoides* H.B.K.
 2070 *Crotolaria magdalenae* H.B.K.
 2071 *Dioclea trujillensis* Pittier

- 2072 *Solanum gillmeri* Bitter
 2073 *Indigofera suffruticosa* Mill.
 2074 *Banisteriopsis argentea* (H.B.K.) Rob. Det. C. V. Morton
 2075 *Asclepias curassavica* L.
 2076 *Siphocampylus* sp.
 2077 *Bulboestylis capillaris* (L.) Kunth.
 2078 *Cardiospermum helioscolum* L.
 2079 *Corchorus hirtus* L.
 2080 *Cynthula schyranthoides* (H.B.K.) Moq.
 2082 *Zornia diphylla* (L.) Pers.
 2083 *Tournefortia bicolor* Sw. ?
 2084 *Siphocampylus* sp.
 2085 *Eupatorium vitalbae* DC.
 2086 *Arthrostenia campulata* (Haud.) Triana
 2087 *Eupatorium pellium* Klatt.
 2088 *Desleria fecunda* Morton Det. C. V. Morton
 2089 *Mikania guaco* H.B.K.
 2090 *Cordia* sp.
 2091 *Aciotis purpurascens* Triana
 2092 *Solanum solvifolium* Lam.
 2093 *Epidendrum* sp.
 2094 *Piper* sp.
 2095 *Inga* sp. (material inadequate)
 2096 *Stigmaphyllon alternans* Tr. & Pl.
 2097 *Lycoseris oblongifolia* Rusby
 2098 " "
 2099 *Phryganocydia corymbosa* (Vent.) Bur.
 2100 *Combretum fruticosum* (Loefl.) Stuntz
 2101 *Bixa orellana* L.
 2102 *Oncidium apulatum* Lindl.
 2103 *Barleria micans* Nees. Det. E. C. Leonard
 2105 *Anthurium nymphaeifolium* C. Koch
 2106 *Piper* sp.
 2107 *Piper* sp.
 2108 *Piper* sp.
 2109 *Haliconia bihai* L. Det. L. B. Smith
 2110 *Peperomia* sp.
 2111 *Piper* sp.
 2112 *Piper* sp.
 2113 *Peperomia* sp.
 2114 *Ruellia macrophylla* Vahl. Det. E. C. Leonard
 2115 *Nedelia fruticosa* Jacq.
 2116 *Phytolacca rivinoides* Kunth & Bouché
 2117 *Linum asclepiadeum* Sch.-Bip.
 2119 *Tradescantia multiflora* Sw.
 2120 *Chamaedorea bartlingiana* Wendl.
 2121 *Dichromena ciliata* Vahl.
 2122 *Piper* sp.
 2123 *Anthurium oblongo-cordatum* Engl. var. aff.
 2124 *Banania occidentalis* (Swartz) Sweet.
 2127 *Zygopetalum* sp.
 2129 *Trixis divaricata* (H.B.K.) Spreng.
 2130 *Malaxis* sp.

- 2132 *Belbunium hypocarpum* (L.) Hemsl.
 2133 *Piper* sp.
 2134 *Clusia minor* L.
 2135 *Oreopanax capitatus* (Jacq.) Dec. & Pl. Det. A. C. Smith
 2137 *Manettia calycosa* Griseb.
 2138 *Cordia* sp.
 2139 *Chamaedorea* ? (material inadequate)
 2140 *Strombosia lutea* (Koenig) Eichl. Det. J. Idrobo
 2143 *Siphocampylus*
 2144 *Carica* sp. (material inadequate)
 2145 *Chamaedorea brevifrons* Wendl.
 2146 *Cissus rhombifolia* Vahl.
 2148 *Melochia globifera* Tr. & Planch.
 2149 *Dichromena ciliata* Vahl.
 2150 *Dichromena ciliata* Vahl. Det. E.C. Leonard
 2153 *Cissus rhombifolia* Vahl. ? abnormal ? material inadequate /
 2154 *Dioscorea* sp.
 2155 *Randia* ?
 A 2151 *Croton gossypifolius* Vahl.

191314

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August 13, 1951

Dr. Delcie Demaree
Arkansas State College
Department of Botany
State College, Arkansas

Dear Dr. Demaree:

Enclosed is a list of determinations of plants you sent us in June and which Dr. Smith referred to most recently in his letter of July 5th.

We appreciate your specimens which add considerably to our relatively small collection from Mississippi.

Very truly yours,

Velva E. Ridd
Assistant Curator
Division of Phanerogams

Enclosure

Dr. Delsie Demaree; plants of Mississippi
U. S. N. M. 191314; August, 1951
Identified by C. V. Morton and V. E. Rudd

Identified by C. V. Morton

- 30611 *Lycopodium alopecuroides* L.
30635 *Lycopodium alopecuroides* L.
30638 *Thelypteris palustris* var. *haleana* Fernald
30698 *Pteridium aquilinum* var. *pseudocaudatum* (Clute) Heller

Identified by V. E. Rudd

- 27993 *Cyperus retrofractus* Chapm.
28027 *Cladium jamaicense* Grants.
28028 *Rhynchospora megalocarpa* Gray
28124 *Rhynchospora chapmanii* M. A. Curtis.
28135 *Rhynchospora chapmanii* M. A. Curtis.
28154 *Cyperus retrofractus* Chapm.
28211 *Cladium jamaicense* Grants
28215 *Eleocharis tuberculosa* (Michx.) R. & S.
28544 *Rhynchospora compressa* Carey ex Chapm.
28551 *Juncus effusus* L.
29017 *Juncus megacephalus* M. A. Curtis
29367 *Scirpus atrovirens* Willd.
29595 *Fimbristylis miliacea* Vahl.
29597 *Cyperus odoratus* L.
29632 *Froelichia floridana* (Nutt.) Moq.
29635 *Juncus scirpoides* Lam.
29643 *Fimbristylis castanea* (Michx.) Vahl.
29649 *Ipomoea sagittata* Cav.
29672 *Fimbristylis castanea* (Michx.) Vahl.
29676 *Cyperus articulatus* L.
29677 *Scirpus americanus* Pers.
29679 *Cladium jamaicense* Grants
29748 *Juncus acuminatus* Michx.
29759 *Eupatorium fistulosum* Barratt
29770 *Rhynchospora chapmanii* M. A. Curtis
29782 *Fimbristylis castanea* (Michx.) Vahl.
29788 *Juncus effusus* L.
29789 sterile specimen. *Juncus* ?
29804 *Iva frutescens* L.
29810 *Cyperus retrofractus* Chapm.
29837 *Tofieldia racemosa* (Walt.) B. S. F.
29845 *Lobelia floridana* Chapm.
30564 *Cakile lanceolata* (Willd.) O. E. Schultz
30565 *Cynanchum palustre* (Pursh) Heller
30570 *Ipomoea stolonifera* (Cyrill.) Poir.
30571 *Alternanthera philoxeroides* (Mart.) Griseb.
30572 *Hydrocotyle bonariensis* Lam.
30573 *Physalis angustifolia* Nutt.
30574 *Rhexia alifanum* Walt.
30575 *Crotalaria maritima* Chapm.

- 30577 *Cyperus lecontei* Torr.
 30578 *Oenothera* (*Raimannia*) *humifusa* Nutt.
 30579 *Strophostyles leiosperma* (T. & G.) Piper
 30580 *Heterotheca subaxillaris* (Lam.) Britt. & Rusby.
 30584 *Rhynchospora megalocarpa* Gray
 30586 *Oxalis corniculata* L.
 30587 *Scirpus americanus* Pers.
 30588 *Sisyrinchium atlanticum* Beckn. ?
 30591 *Juncus magacephalus* M. A. Curtis
 30591 *Iva imbricata* Walt.
 (Note: there are two sheets No. 30591)
 30602 *Salvia coccinea* L.
 30603 *Rudbeckia divergens* T. V. Moore
 30606 *Polygala nana* (Michx.) DC.
 30607 *Polygala lutea* L.
 30608 *Erigeron verurus* (L.) T. & G.
 30609 *Lechnanthes tinctoria* (Walt.) Ell.
 30612 *Sarracenia elledgei* Macfarlane
 30612A *Sarracenia elledgei* Macfarlane
 30613 *Hypericum aspalathoides* Willd.
 30615 *Rhexia alifanum* Walt.
 30616 *Aletris lutea* Small
 30617 *Rhexia lutea* Walt.
 30619 *Asclepias amplexicaulis* Sm.
 30620 *Breweria* aff. *patens* (Desr.) Fernald
 30623 *Styrax americana* Lam.
 30624 *Rhexia alifanum* Walt. eglandular form?
 30631 *Asclepias lanceolata* Walp.
 30633A *Gaylussacia dumosa* (Andr.) T. & G.
 30634 *Polygala lutea* L.
 30637 *Quercus virginiana* Mill.
 30643 *Oreotalaria angulata* Mill.
 30651 *Rumex verticillatus* L.
 30654 *Cliftonia monophylla* (Lam.) Sarg.
 30655 *Cyrilla racemiflora* L.
 30667 *Gaylussacia dumosa* (Andr.) T. & G.
 30668 *Clethra alnifolia* L.
 30670 *Polygala cymosa* Walt.
 30673 *Fuirena scirpoides* Michx.
 30674 *Gaylussacia dumosa* (Andr.) T. & G.
 30675 *Strophostyles helvola* (L.) Ell.
 30676 *Smilax auriculata* Walt.
 30677 *Gaylussacia nana* Small
 30678 *Ilex glabra* (L.) A. Gray
 30679 *Cyperus lecontei* Torr.
 30680 *Dombentonia punicea* (Gay.) DC.
 30681 *Cladium jamaicensis* Grante
 30683 *Amorpha tennesseensis* Shuttlw.
 30684 *Galium tinctorium* L.
 30686 *Aeschynomene viscidula* Michx.
 30691 *Rudbeckia divergens* T. V. Moore
 30692 *Hibiscus incanus* Wendl.

- 30694 *Scirpus americanus* Pers.
30699 *Fairona scirpoides* Michx.
30700 *Oenothera humifusa* Nutt.
30703 *Neptunia floridana* Small
30704 *Strophostyles helvola* (L.) Ell.
30705 *Lantana camara* L.
30706 *Fluchea foetida* (L.) DC.
30707 *Juncus megacephalus* M. A. Curtis
30708 *Oxalis corniculata* L.
30711 *Sarracenia psittacina* Michx.
30712 *Polygala ramosa* Ell.
30714 *Eryngium yuccifolium* var. *synchaetum* A. Gray
30715 *Polygala chapmanii* T. & G.
30717 *Spiranthes laciniata* (Small) Ames
30718 *Hypericum myrtifolium* Lam.
30719 *Xyris baldwiniana* R. & S.
30720 *Vaccinium elliotii* Chapm.
30722 *Ipomoea trichocarpa* Ell.
30723 *Heterotheca subaxillaris* (Lam.) Britt. & Rusby

October 10, 1951

Professor George H. Lavery, Jr.
Museum of Zoology
Louisiana State University
Baton Rouge 3, Louisiana

Dear Professor Lavery:

At Mr. Swallen's request, I am sending you a list
of identifications of the specimens which you sent on
July 2. Most of this material was identified by
Miss V. E. Ridd of our staff as indicated.

The plants ^{included} contain many specimens of unusual interest,
and we are glad to have them for the National Herbarium.

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

Enclosure

Plants of San Luis Potosí; Louisiana State University
U. S. N. M. 191359; October 1951
Identified by V. E. Ruess unless otherwise noted

- 113 *Pinus cambridgeana* Buse.
114 *Quercus laevis* Trel. Det. C. H. Muller
115 *Sophora secundiflora* (Ort.) Lag.
116 *Juniperus flaccida* Schl. a/
117 *Carya glaberrima* Wanger.
118 *Larrea tridentata* (DC.) Coville
119 *Populus* sp. (need fruit)
120 *Karwinskia mollis* Schlecht.
121 *Rhus terebinthifolia* C. & S.
122 *Tillandsia usneoides* L. Det. L. E. Smith o/
123 *Tillandsia recurvata* L. " " " "
124 *Quercus clinocarpa* Trel. & Muell. Det. C. H. Muller
125 *Quercus tinctoria* C. H. Mull.
126 *Arctostaphylos pungens* H.B.K. Det. A. C. Smith
127 *Quercus aff. microphylla* Née Det. C. H. Muller
128 *Phoradendron flavescens* (Pursh) Nutt. var. (need fruit)
129 *Juniperus* sp.
130 *Pinus cambridgeana* Buse.
131 *Pinus taeda* S. & C.
132 *Bouteloua gracilis* (H.B.K.) Lag. Det. J. R. Swallen
133 *Reisneria salicifolia* (H.B.K.) Link
134 *Cestrum oblongifolium* Schlecht.
135 *Arbutus xalapensis* H.B.K. Det. A. C. Smith
136 *Litsea glaucescens* H.B.K. " " " "
137 *Quercus coccolobifolia* Trel. Det. C. H. Muller
138 *Brongniartia discolor* R. S. Brandeg.
139 *Rhus trilobata* Nutt.
140 *Randia lasiovirens* Standl.
141 *Bouvardia glaberrima* Engelm.
142 *Bauhinia coulteri* Manfr. b/
143 *Quercus castanea* Nutt. Det. C. H. Muller Née
144 *Heltuna palmieri* B. & R.
145 *Pithecollobium salicifolium* Standl.
146 *Mimosa pigra* L.
147 *Azadirachta indica* L.
148 *Mimosa* (sterile specimen)
149 *Buellia paniculata* L. Det. E. C. Leonard
150 *Croton gracilis* H.B.K.
151 *Opuntia leptocaulis* DC.
152 *Koeberlinia spinosa* Buse. b/
153 *Larrea tridentata* (DC.) Coville
154 *Acacia cuspidata* Schlecht.
155 Sterile specimen, not identified
156 *Cestrum ehrenbergii* DuRoi Det. C. V. Morton n/
157 *Liquidambar styraciflua* L.
158 *Pinus patula* S. & C.
159 *Baccharis heterophylla* H.B.K.

- 160 *Randia rhagocarpa* Standl.
- 161 Sterile specimen, not identified
- 162 *Pinus taeda* S. & G.
- 163 *Pseudotsuga taxifolia* (Lamb.) DC.
- 164 *Carya ovata* Benth.
- 165 *Cupressus lindleyi* Klotzsch
- 166 *Bouvardia laevis* M. & G.
- 167 *Quercus affinis* Scheidw. Det. C. H. Muller
- 168 *Bouvardia laevis* M. & G.
- 169 *Gaultheria* sp. Det. A. C. Smith
- 170 *Peperomia purpusii* Standley
- 171 *Polypodium plebejum* C. & S. Det. C. V. Morton
- 172 *Rhus trilobata* Nutt.
- 173 *Quercus* sp. Det. C. H. Muller
- 174 *Pinus montezumae* f. *macrocarpa* Martinez
- 175 *Quercus canbyi* Treil. Det. C. H. Muller
- 176 *Quercus canbyi* Treil. ? " " " "

Pinus cembroides Zucc. ? in crop of Pigeon.
Oxalis sp. ? (bulbs) in crop of Hearna's Quail.

Copy for VER

P-171

P-231

179390

180249

October 16, 1951

AIR MAIL

Brother Ginés
Apartado 681
Caracas, Venezuela

Dear Brother Ginés:

Miss Ridd has recently been working over some of your older collections which you sent for identification in 1946. I believe that the enclosed list completes our report on all of your material except the most recent lot sent a few months ago. This is now under study, and Miss Ridd will have another list of names for you in the near future.

With many thanks for your continued cooperation,

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

Enclosure

ACSmith:dad

Plants of Venezuela; Brother Sings
Reported by U.S. National Museum, October 1951; 179390, 180249
Identified by V. E. Rudd

- 66 *Dioscorea polygonoides* H. & B.
75 *Cassipourea elegans* H.B.K.
110 *Desmodium intortum* (Mill.) Urban
163 *Bombax* sp.
183 *Reichardia trinervis* var. *rhachioides* (H.B.K.) Baker
185 *Hyptis pectinata* (L.) Poit.
188 " " " "
191 *Erigeron bonariensis* L.
195 *Bombacopsis mucronulata* Pittier
207 *Wedelia subigena* Blake
208 *Arthroctenium campulare* (Waud.) Triana
210 *Verbena littoralis* H.B.K.
210a *Clusia alata* Pl. et Tr.
214 *Lantana canescens* H.B.K.
219 *Vernonia scorpioides* Pers.
229 *Acalypha cuspidata* Jacq.
235 *Gutteria saffordiana* Pittier

P-886
Copy for VER

191277

AIR MAIL

December 10, 1951

Brother Cines
Apartado 681
Caracas, Venezuela

Dear Brother Cines:

Enclosed are identifications of the specimens which you sent us a few months ago, acknowledged in my letter of June 14. Most of the identifications have been made by Miss Rudd, Mr. Swallen, and Mr. Morton. We are glad to have your material for the National Herbarium, and I trust that the enclosed lists will be of value to you.

Mr. Morton states that he has already reported identifications of two cryptogams which were included in this shipment. There still remains one hepatic for which he will send you the name as soon as possible. No one is specializing in tropical American hepatics, and so it is difficult to obtain identifications.

With many thanks for your cooperation,

Very sincerely yours,

A. C. Smith
Curator
Division of Phanerogams

Encs.

ACSmith:bcb

Plants of Venezuela; Brother Ginés
 U. S. N. M. 191277; reported December 1951
 Phanerogams identified by V. E. Rudd unless otherwise noted

- 1344 *Ficus* sp.
- 1347 *Inga* sp.
- 1350 (Probably *Myrcinaceae*) too fragmentary
- 1351 *Psychotria* ? too moldy
- 1352 *Miconia* sp.
- 1355 *Psychotria* sp.
- 1358 *Solanum mucrosepalum* Rusby
- 1359 *Melochia globifera* Tr. & Planch.
- 1360 *Chamaefistula undulata* (Benth.) Pittier
- 1362 *Dolichos lablab* L.
- 1363 *Cajanus cajan* (L.) Millsp.
- 1366 *Dolichos lablab* L.
- 1370 *Galea caracasana* (H.B.K.) Ktze.
- 1372 *Cordia polyccephala* (Lam.) Johnston.
- 1373 *Galactia striata* (Jacq.) Urban
- 1374 (*Bignoniaceae* ?) material inadequate
- 1381 *Cereus* sp.
- 1384 *Senecio* sp. (Note: Most of our Venezuelan *Senecios* are
 out on loan, so material cannot be compared.)
- 1385 *Senecalia* sp.
- 1388 *Ipomoea nil* (L.) Roth.
- 1401 *Trixis divaricata* (H.B.K.) Spreng.
- 1404 *Eriosema rufum* (H.B.K.) Mart.
- 1408 *Hibiscus abelmoschus* L.
- 1571 *Buddleja americana* L. Det. L. B. Smith
- 1572 *Solanum jahnii* Bitter, ined. Det. C. V. Morton
- 1573 *Polygonum punctatum* Ell.
- 1576 *Adipera bicapsularis* (L.) B. & K.
- 1583 *Solanum silvicola* Morton, sp. n., ined. Det. C. V. Morton
- 1584 *Miconia* aff. *jahnii* Pittier
- 1585 *Dodonaea viscosa* L.
- 1586 *Baccharis floribunda* H.B.K.
- 1587 *Lippia hirsuta* L. f.
- 1588 *Salvia angulata* Benth.
- 1589 *Gynoglossum amabile* Stapf.
- 1590 *Alnus jorullensis* var. *ferruginea* (H.B.K.) Ktze.
- 1591 *Bocconia pubibracteata* Hutchinsonson ex char.
- 1596 *Salvia* sp.
- 1597 *Drymaria cordata* (L.) Willd.
- 1598 *Oxalis pubescens* H.B.K.
- 1599 *Gestrum densiflorum* Franchet
- 1698 *Dicliptera moritziana* S. Schauer ex Nees Det. E. C. Leonard
- 1699 *Plumbago scandens* L.

- 1700 *Dichromena ciliata* Vahl
 1701 *Cyclospermum leptophyllum* (Pers.) Sprague
 1712 *Stegia lucida* Lag.
 1713 *Espletia glossophylla* Mattf. vel. aff. Det. A. C. Smith
 1714 *Echeverria bicolor* (H.B.K.) Walth.
 1715 *Senecio apiculatus* Sch.-Bip.
 1716 *Eupatorium stoechadefolium* L. f.
 1717 *Orthrosanthus chimboracensis* (H.B.K.) Baker
 1718 *Berberis discolor* Turcz.
 1722 *Valeriana phyllioides* (Turcz.) Briq.
 1723 *Baccharis prunifolia* H.B.K.
 1724 *Senecio* sp.
 1725 *Castilleja breviflora* (Bth.) Wedd.
 1727 *Acaena elongata* L.
 1730 *Senecio* sp.
 1731 *Senecio* sp.
 1732 *Chaetolepis lindeniana* (Naud.) Triana
 1736 *Calceolaria attenuata* Pennell
 1737 *Polylepis sericea* Wedd.
 1738 *Senecio* sp.
 1742 *Salvia trujillensis* Briq.
 1745 *Alchemilla aphanoides* L. f.
 1747 *Oxylobus glanduliferus* (Sch.-Bip.) Gray
 * 1755 *Gentiana nevadensis* Gilg.
 1756 *Eupatorium articulatum* Sch.-Bip.
 1758 *Fernettia prostrata* var. *purpurea* (Don) Sleumer Det. A. C. Smith
 1759 *Carex jamesonii* Booth.
 1763 *Cestrum melanochloranthum* Dunal
 1764 *Adipera santanderensis* B. & K.
 1767 *Cynoglossum amabile* Stapf.
 1768 *Eupatorium* sp.
 1770 *Viola stipularis* Sw.
 1771 *Oenothera* sp.
 1772 *Lychnis coronaria* (L.) Desr.
 1773 *Monnina bracteata* Chodat Det. R. Ferreyra
 1774 *Miconia* aff. *jahnii* Pittier
 1775 *Heliocarpus popayanensis* H.B.K.
 1777 *Solanum allophyllum* Standl.
 1778 *Eupatorium* sp.
 1779 *Oxalis medicaginea* H.B.K. ? specimen too fragmentary
 1780 *Miconia chaetodon* Naud.
 1781 *Cavendishia cordifolia* (H.B.K.) Hoer. Det. A. C. Smith
 1783 *Rhamnus goudotianus* Tr. & Pl.
 1784 *Iresine celosia* L.
 1785 *Alchemilla aphanoides* L. f.
 1787 *Taraxacum officinale* Weber
 1788 *Psidium moritzianum* Berg
 1789 *Mauria puberula* Tul.

* 1754 *Alchemilla verticellata* Field. & Gardner

- 1790 Miconia theaezans Cogn.
1791 Crotalaria anagyroides H.B.K.
1792 Buddlejia americana L. Det. L. B. Smith
1793 Stewia rhombifolia H.B.K.
1794 Helicarpus popayanensis H.B.K.
1795 Sisyrinchium bogotense H.B.K.
1796 Solanum auctosepalum Rusby
1797 Hyptis mutabilis (Rich.) Briq.
1798 Monochaetum bonplandii (Kunth.) Naud.
1799 Chrysanthemum parthenium (L.) Pers.
1800 Pterolepis trichotoma (Rottb.) Cogn.
1801 Sida rhombifolia L.
1802 Achrocline saturioides (Lam.) DC.
1803 Lupinus lindenianus Moritz ex C. P. Sm.
1804 Castilleja fissifolia L. f.
1805 Monochaetum bonplandii (Kunth.) Naud.
1806 Monochaetum meridense (Kl.) Naud.
1807 Erigeron karwinskianus DC.
1808 Erigeron bonariensis L.
1809 (Rubiaceae)
1811 Begonia microphylla A. DC. Det. L. B. Smith
1812 Begonia microphylla A. DC. Det. L. B. Smith
1813 Begonia sp. insufficient material Det. L. B. Smith
1814 Viola stipularis Sw.
1815 Jaegeria hirta (Lag.) Less.
1816 Salvia sp.
1817 Heppiella ovata Hanst. Det. G. V. Merton
1818 Coccocypselum lanceolatum (R. & P.) Pers.
1819 Sida acuta Burm.
1820 Monochaetum bonplandii (Kunth.) Naud.
1821 Jussiaea peruviana L.
1822 Paidiopsis moritziana Berg.
1823 Epidendrum sp.
1824 Lantana sp.
1825 Epidendrum sp.
1826 Senecio semidentatus Klatt
1827 Psidium guineense Sw.
1828 Passiflora falcata (H.B.K.) Kl. Det. A. C. Smith
1829 Ficus sp. (material inadequate)
1830 Podocarpus rospigliosii Pilger
1831 Rhynchospora sp.
1833 Cyperus prolixus H.B.K.
2156 Cynoglossum amabile Stapf.
2157 Gnaphalium elegans H.B.K.
2159 Scheverria bicolor (H.B.K.) Walth.

- 2160 *Epidendrum* sp.
 2161 *Helipopsis canescens* H.B.K.
 2162 *Protium* aff. *paniculata* Engl.
 2163 *Solanum nigrum* L. Det. C. V. Morton
 2164 *Eupatorium ballotaeifolium* H.B.K.
 2165 *Erigeron mucronatus* DC.
 2166 *Buddleja americana* L. Det. L. B. Smith
 2167 *Pilea serpyllacea* (H.B.K.) Wedd.
 2168 *Lithospermum mediale* Johnston.
 2169 *Gnaphalium purpureum* L.
 2170 *Iresine celosia* L.
 2171 *Baccharis trinervis* (Lam.) Pers.
 2172 *Iresine celosia* L.
 2173 *Erigeron bonariensis* L.
 2174 *Plantago hirtella* H.B.K.
 2182 *Baccharis prunifolia* H.B.K.
 2183 *Senecio* sp.
 2184 *Orthrosanthus chimboracensis* (H.B.K.) Baker
 2186 *Potentilla heterosepala* Fritsch.
 2187 *Stevia lucida* Lag.
 2188 *Eupatorium meriifolium* Robins. ?
 2189 *Sonchus asper* (L.) Will.
 2190 *Calceolaria attenuata* Pennell
 2191 *Alchemilla aphanoides* L. f.
 2192 *Gentiana sedifolia* H.B.K.
 2196 *Oxalis pubescens* H.B.K.
 2197 *Solanum meridense* Bitt. & Pitt.
 2199 *Nasturtium officinale* R. Br.
 2200 *Monochaetum meridense* (Kl.) Naud.
 2204 *Vallea stipularis* Mutis
 2205 *Chaetolepis lindeniana* (Naud.) Triana
 2206 *Senecio pachypus* Greenm. ?
 2207 *Sisyrinchium bogotense* H.B.K.
 2208 *Senecio* sp.
 2209 *Pernettya prostrata* var. *purpurea* (Don) Sleumer Det. A. C. Smith
 2210 *Polylepis sericea* Wedd.
 2211 *Eupatorium stoechadifolium* L. f.
 2212 *Hypericum caracasense* Willd.
 2213 *Eupatorium articulatum* Sch.-Bip.
 2215 *Erigeron* aff. *nevadense* Wedd. ?
 2217 *Vallisneria* sp. ? (sterile material)
 2219 *Alnus jorullensis* var. *ferruginea* (H.B.K.) Ktze.
 2220 *Clusia* sp.
 2221 *Stevia lucida* Lag.
 2222 *Lupinus lindenianus* Moritz ex C. P. Sm.
 2223 *Cynoglossum amabile* Stapf.

Piperaceae identified by T. G. Yuncker

- 1227 *Piper aequale* Vahl
1242 *Piper aequale* Vahl
1264 *Peperomia martiana* Miq.
1265 *Peperomia alata* R. & P.
1271 *Piper bredemeyeri* Jacq.
1272 *Piper phytolaccaefolium* var. *peltobryon* (C. DC.) T. & Y.
1392 *Piper tabogamum* var. *rugosum* Yun. (in lit.)
1514 *Peperomia reflexa* (L. f.) A. Dietr. ? sterile.
1526 *Peperomia discilimba* T. & Y.
1527 *Peperomia discilimba* T. & Y.
1537 *Piper pavonii* C. DC.
1575 *Peperomia victoriana* C. DC. (?)
1574 *Piper aduncum* var. *brachyarthrum* (Trel.) Yun.
1740 *Peperomia microphylla* H.B.K.
1776 *Piper aduncum* var. *brachyarthrum* (Trel.) Yun.
1842 *Piper tabogamum* var. *rugosum* Yun. (in lit.)
1867 *Piper aequale* Vahl
1878 *Peperomia alata* R. & P.
1889 *Peperomia discilimba* T. & Y.
1894 *Peperomia martiana* Miq.
1895 *Piper phytolaccaefolium* var. *peltobryon* (C. DC.) T. & Y.
1906 *Peperomia maculosa* (L.) Hook.
1916 *Peperomia* sp.
1919 *Peperomia discilimba* T. & Y.
1948 *Piper tabogamum* var. *rugosum* Yun. n. sp. (TYPE)
2004 *Peperomia acuminata* R. & P.
2005 *Peperomia angularis* C. DC. (?)
2044 *Piper tabogamum* var. *rugosum* Yun. (in lit.)
2059 *Piper bredemeyeri* Jacq.
2094 *Pothomorphe peltata* (L.) Miq.
2106 *Piper aequale* Vahl
2107 *Piper aequale* Vahl (?)
2108 *Piper glanduligerum* C. DC. (? sterile)
2110 *Peperomia alata* R. & P.
2111 *Piper* sp. (sterile)
2112 *Piper guayranum* var. *humilior* (C. DC.) T. & Y. vel aff.
2113 *Peperomia portulacaefolia* H.B.K. (?)
2122 *Piper tabogamum* var. *rugosum* Yun. (in lit.)
2133 *Piper niceforoi* T. & Y.
2158 *Peperomia porriginifera* T. & Y.

January 4, 1952

Dr. Delsie Demaree
Department of Botany
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

Your four boxes of plants arrived safely, comprising, by my count, 403 collection numbers. Although you say we may keep all the specimens, I wonder if you really mean that in the cases of numbers 25889 (Amsonia), 26328 (Tekeria), 30827 (Polypodium), 30845 or 54 (Hypericum), 30847 (Gaum), 30857 (Allium), 30859 (Gallitriche), and 30924 (Acalypha), since there are several sheets of each. Or did you inadvertently send us your entire collection of these numbers, and want us to return them to you?

There are several instances in which the label number and the newspaper number do not quite match. For example, the Hypericum mentioned above, is 30845 on the newspaper, but 30854 on the label. Is the latter correct, or a slip of the typewriter?

The following sheets lack labels: 30360 (Oxalis), 30486 (Philadelphus), 30846 (Plantago), 31319 (Malvaceae). Without data, such specimens are of no value to us, and must be discarded. We should appreciate your supplying us with the necessary information.

I will try to identify your specimens as soon as possible. However, it may be a matter of months, as I already have several other collections on hand.

Yours very truly,

Velva E. Rudd
Assistant Curator
Department of Botany

VER:edd:heb

January 22, 1952

Dr. Delsie Demaree
Department of Botany
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

The box of 76 plants referred to in your letter of January 7, 1952, arrived in good condition, and these specimens will be added to and reported with those previously sent.

We are returning the extra sheets you sent us by mistake. Otherwise, we are glad to have duplicate material which we can distribute in exchange with other institutions.

Thank you for supplying the missing labels and data by your letter of January 8, 1952.

Yours very truly,

Velva E. Ridd
Assistant Curator
Department of Botany

VER:ia:heb

Kansas State College

Manhattan, Kansas

February 14, 1952

Department of Botany and Plant Pathology

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

Dear Miss Rudd:

I was surprised to receive the identification of *Atriplex dioica* from you, but it brings up pleasant memories of banquets at Minneapolis. I had conjured a bit with *Atriplex* and also with *Endolepis*, but we had specimens of neither in our herbarium.

A. dioica not
Endolepis

Thanks for the congratulations, but maybe you don't know that the speech doesn't come until the second year. I shall be looking for you at Madison in September, 1953, altho of course I suspect you will be at Cornell in September 1952.

Very truly yours,

F. C. Gates

F. C. Gates
Prof. of Taxonomy & Ecology

FCG:MBJ

February 29, 1952

Dr. Delzie Demaree
Department of Botany
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

Your "last bale" containing 114 plants, by my count, arrived today and will be added to your other specimens which are awaiting identification.

As to how busy Dr. Blake is, I should not like to speak for him, but he always appears to be terribly overwhelmed. I suggest you write directly to him.

Thanks again for the specimens.

Yours sincerely,

Volva E. Ridd
Assistant Curator
Department of Botany

VBRidd:heb

Office Memorandum • UNITED STATES GOVERNMENT

TO : A. C. Smith

DATE: March 8, 1952

FROM : C. V. Morton

SUBJECT: Report on ferns collected by D. Demaree

193159

7 249

There are actually only 13 ferns and I have changed my daybook to 13 E. & R. There are 14 specimens, one a duplicate.

- 29438 *Notholaena fendleri* Kunze
- 29438a *Cheilanthes fendleri* Hooker
- 29438b *Notholaena fendleri* Kunze
- 29450 *Woodsia oregana* D. C. Eaton
- 30601 *Pteridium aquilinum* var. *pseudocaudatum* (Clute) Heller
- 31002 *Pteridium aquilinum* var. *latiusculum* (Desv.) Underwood
- 31043 *Thelypteris normalis* (C. Chr.) Moxley
- 31052 *Pteridium aquilinum* var. *latiusculum* (Desv.) Underwood
- 31239 *Athyrium filix-femina* var. *asplenioides* (Michx.) Farwell
- 31275 *Lycopodium prostratum* Harper probably, but sterile. May be *L. alopecuroides*
- 31275a *Lycopodium alopecuroides* L.
- 31437 *Woodsia obtusa* (Sprengel) Torrey
- 31871 *Woodsia obtusa* (Sprengel) Torrey.

May 5, 1952

Dr. Delsie Demaree
Department of Botany
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

Since you have offered to look for specialties this summer, I might as well put in a word for Aeschynomene. I am currently working on a revision of the genus, and would be interested especially in any of the Ae. virginica group that you might find. (Actually, several species have been going under that name, at least two of which may be on the islands.) Lloyd and Tracy collected one species on Cat Island. Ae. viscidula has been collected on Cat, Horn, and Ship Islands. It is even possible that Ae. americana could turn up.

Thanks for anything you can locate. Have hopes of getting at your other specimens shortly.

Yours very truly,

Velva E. Ridd
Assistant Curator
Department of Botany

VER:dd:heb

Black Hills Teachers College

Spearfish, South Dakota

May 27, 1962

OFFICE OF THE PRESIDENT

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

Dear Miss Rudd,-

Your letter of May 20, inst., came in due time. The enclosure helps me very much. I am glad that you had plenty of time for the work. The lack of the species name is not a very great omission.

Perhaps you might be interested to know that Mr. Hallman transplanted from the rocky floor of Spearfish Canyon into his stony hillside house-yard three small *Populus tremuloides* one of which has the "weeping habit". Rather rare from the wild!

Thanking you for the help given me I remain

Sincerely yours,

F.L. Bennett

F.L. Bennett, (retired),
Department of Biology,
Black Hills Teachers College,

*Just to fragment
specimens*

*with det. of plants
coll. by Hallman - Mexico.*

Hallman - Mex

193671

1. 4 carbon

1. *Zexmenia ceanothifolia* (Willd.) Sch. Bip.
2. *Piqueria trinervia* Cav.
3. *Sterea serrata* var. *vivaeifolia* (Willd.) Robins.
4. *Senecio praecox* DC.
5. *Senecio barbajohannis* DC.
6. *Senecio soldana* DC.
7. *Vernonia sinclairi* Benth.
8. *Verbesina greenmani* Urban
9. *Castilleja tenuiflora* Benth.
10. *Dalea nutans* (Cav.) Willd.
11. *Serjania* sp.
12. *Dresine celosia* L.
13. *Verbena* sp.
14. *Merremia umbellata* (L.) Hall f.
15. *Glinicidia sepium* (Jacq.) Steud.
16. *Lippia umbellata* Cav.
17. *Echeveria* sp.
18. *Castilleja tenuifolia* M. & S.
- ~~19~~
20. *Sterea subpubescens* Lag.

Dear Dr. B. -

Enclosed is a list of determinations of the Mexican plants collected by Mr. Hallman with you sent us last February. I regret that in three cases I was unable to give specific names because leaves or other ~~critical~~ parts of the plants were lacking from the specimens.

Thank you for sending the material, or ~~material~~

Phanerogams from Mexico; M. S. Hallman
Reported by U. S. E. M., May, 1952; 193671
Det. by V. E. Rudd

For F. L. Bennett

Biol. Dept.

Black Hills, Arkansas Co.

Spencer, S.D.

1. *Zexmenia ceanothifolia* (Willd.) Sch. Bip.
2. *Piqueria trinervia* Cav.
3. *Stevia serrata* var. *ivasifolia* (Willd.) Robins.
4. *Senecio praecox* DC.
5. *Senecio barba-johannis* DC.
6. *Senecio roldana* DC.
7. *Vernonia sinclairi* Benth.
8. *Verbesina greenmani* Urban
9. *Castilleja tenuiflora* Benth.
10. *Dalea nutans* (Cav.) Willd.
11. *Serjania* sp.
12. *Iresine celosia* L.
13. *Verbena* sp.
14. *Morremia umbellata* (L.) Hall f.
15. *Gliricidia sepium* (Jacq.) Steud.
16. *Lippia umbellata* Cav.
17. *Scheveria* sp.
18. *Castilleja tenuifolia* H. & S.
20. *Stevia subpubescens* Lag.

Copy
9-1016

February 21, 1952

Dr. E. L. Bennett
Biology Department
Black Hills Teachers College
Spearfish, South Dakota

Dear Dr. Bennett:

The package of 19 specimens of Mexican plants collected by Mr. M. S. Hallman, mentioned in your letter of February 16, has now reached us in good condition.

One of our staff members will be glad to attempt the identification of this material and to report to you by number, but I am glad to note that you do not consider the matter urgent. As I previously stated, we receive more work of this type than we can handle, but, nevertheless, a report will be made to you in the reasonably near future.

With many thanks for the material,

Very sincerely yours,

A. G. Smith
Curator
Division of Phanerogams

AGSmith:heb

13 to access,
(9 to mt.)

November 17, 1952

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

Dear Miss Bartholomew:

Your guesses as to the identities of the specimens you sent Nov. 11, are very close, at least.

The Artemisia matches better with A. abrotanum L., as indicated on the envelope, than with A. pontica L. which you suggested in your letter. It is widely cultivated and could have come from almost anywhere.

The legumes, also, could have been brought from Japan, or could have turned up from less distant sources. This is especially true of:

No. 1. Vigna sinensis (L.) Endl. (cowpeas; blackeyed peas).

No. 2. Phaseolus aureus Roxb. (mung bean).

This has been cultivated to some extent in this country under such names as Chickasaw Pea, Newman bean, Newman pea, Chop Suay pea, etc. It is very common in the Orient and can well have been brought from there. The specimen you sent has rather smoother seeds than most but I believe it to represent the species stated.

No. 3. Desmodium sp.?, Lespedeza sp.?, or Phaseolus sp.? The material suggests these, and possibly other genera of legumes, but is not complete enough to provide any definite clues. Dr. Percy Ricker, a legume expert, happened to be in today and he likewise was unable to make any positive determination as to genus. Perhaps next year a better specimen can be secured?

I hope your missionary efforts will successfully result in better pressed specimens.

With best wishes

Sincerely,

Velva E. Rudd
Assistant Curator
Department of Botany

VE:Rudd:car

West Virginia University
COLLEGE OF ARTS AND SCIENCES
MORGANTOWN

DEPARTMENT OF BIOLOGY

November 20, 1952

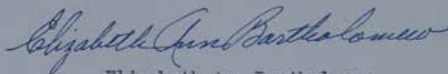
Dr. Velva E. Rudd, Assistant Curator
Department of Botany
United States National Museum
Smithsonian Institution
Washington 25, D. C.

Dear Dr. Rudd:

Thank you for your letter of November 17 and the identifications included. When I saw the first one I certainly felt like a "heel". Maybe I'd better get a course in Agronomy or Horticulture to learn what field crops look like. I never dreamed of looking under Vigna for that identification. At least we had one of them right. We had identified the mung bean, but couldn't make it fit the description in Bailey's book to a "T".

I'll probably have more questions for you before the year is over.

Sincerely,



Elizabeth Ann Bartholomew
Herbarium Assistant

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INSTITUTE OF HUMAN BIOLOGY
1135 EAST CATHERINE ST.
ANN ARBOR, MICHIGAN

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MURRAY F. BUELL
RUTGERS UNIVERSITY
NEW BRUNSWICK, N. J.

THE ECOLOGICAL SOCIETY OF AMERICA

April 21, 1953

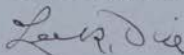
AIR MAIL

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

Dear Dr. Rudd:

At the suggestion of Professor John E. Cantlon you are hereby appointed to represent the Ecological Society of America at the meeting of the National Parks Association which is to be held May 21 and 22 at Washington, D.C. I enclose a program of the meeting and also a postcard for you to inform the Executive Secretary of the Association of your acceptance of this assignment. I hope that you will accept this duty. If you cannot, will you please notify me immediately so that we can select some other representative.

Sincerely yours,



Lee R. Dice
President

LRD:gm

cc: Dr. Murray F. Buell
Dr. John E. Cantlon
Dr. Fred M. Packard

April 22, 1953

Dr. Lee R. Dice
Institute of Human Biology
1135 East Catherine St.
Ann Arbor, Michigan

Dear Dr. Dice:

I will be glad to represent the Ecological Society of America at the meeting of the National Parks Association on May 21 and 22, and have so informed Dr. Packard.

Sincerely yours,

Velva E. Rudd
Assistant Curator
Dept. of Botany

VERudd:car

ARKANSAS STATE COLLEGE
STATE COLLEGE, ARKANSAS

DEPARTMENT OF ~~XXXXXX~~ Botany

4-26-53.

Dear Dr. Rudd.

We watched for the legumes that you mentioned in one of your letters about a year ago. I was on four islands with classes and Dr. Ray, of Miss. State and Mr. Channel who in Duke U. now but none of us located a single specimen. I will watch again as we did get to Cat Island. A day is short there, and with no place to stay except with the mosquitos ~~at~~ old Sol at ~~at~~ all day. I will try to contact some fisherman and get out some way with a boy who wants to fish. Specimens made up much better this past summer. I am sending you two sets of a nice little legume very common along the stable sandy coasts. I guess you can find some place to send them. I still have other duplicates. I am quitting the teaching game this year and move down about Hot Springs, Ark. and put all my time in the field that I can. No classes to run me back. If you know of people wanting things that I can find in my trips please let me know. Next year (1954) will be my last year on the coastal counties.

Yours,

Delzie Demaree
Delzie Demaree

ham.

2 # mt.

13 Dups.

15 to access.

May 1, 1953

Dr. Delzie Demaree
Department of Botany
Arkansas State College
State College, Arkansas

Dear Dr. Demaree:

Thank you for the bundle of Aeschynomene, which arrived in good condition. We are always glad to have duplicate specimens for exchange, especially of the less common things.

I appreciate your watching for the other legumes, and the negative evidence also is interesting.

Your last big shipment of specimens are as yet not named but I do hope to get at them soon.

Sincerely yours,

Velva E. Rudd
Assistant Curator
Dept. of Botany

VERudd:car

THE ECOLOGICAL SOCIETY OF AMERICA

MURRAY F. BUELL, Secretary
RUTGERS UNIVERSITY, NEW BRUNSWICK, NEW JERSEY

May 1, 1953

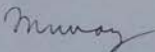
Dr. Velva E. Rudd
U. S. National Museums
Washington, D. C.

Dear Velva:

Dr. Dice has informed me that you have been appointed to represent the Society at the forecoming meeting of the National Parks Association.

After the meeting, will you please send me a bill for the cost of the dinner which I am sure the Society will pay. We will be very interested in your report on this meeting.

Sincerely yours,


Murray F. Buell
Secretary

MFB fmb

THE NATIONAL PARKS ASSOCIATION -- THIRTY-FOURTH ANNUAL MEETING

Resumé

1953
The first session, on the afternoon of May 21, was devoted to the annual business meeting, with reports on finance, membership, etc. by the various officers, and with discussion of pertinent problems.

Several resolutions were passed reaffirming the beliefs of the Association that "America's national parks and national monuments must be kept inviolate from every kind of commercial or economic exploitation . . . and efforts to despoil them . . . threaten the concept and integrity of the national park system as a whole. . . that the best interest of the nation is being served by retention of the federal lands in public ownership . . . that the rights of the people as a whole, who are joint owners of these lands, are paramount in any questions raised about their use or status . . . that permitting the public to engage in sport shooting in any national park or monument is likely to lead to a precedent that would lessen the proper strict protection from such hunting under present policies of inviolate sanctuary". The Board of Trustees of the National Parks Association "reaffirms its position that the great primeval forests of Olympic National Park should be retained within that reservation for permanent preservation. . . recommends that the federal mining laws be revised to eliminate the abuses to public lands now resulting from the existing

antiquated laws" [it is no longer a small matter of a prospector and his little burro, but of large operations with powerful earthmoving machinery] . . . and "believes that no wildlife refuge, nor part thereof, should be used for destructive military purposes, unless the national security is so actively endangered that such use becomes imperative".

Throughout the discussions a recurring theme was the need to educate the public, not only concerning the value and purpose of our National parks, but the proper conduct in them. The Boy Scout with his axe, the exuberant teen-aged vandals, and the adults who leave picnic litter and stretch a white ribbon of Kleenex from coast to coast, each takes a toll. There was considerable discussion of possible means of reaching the offending groups. The comic book approach, the addition of colored illustrations in the Association's publications, and placing the National Parks Magazine in the hands of high school biology teachers are among the methods under consideration.

The morning meeting on May 22 was with representatives of the U. S. National Park Service, Conrad L. Wirth, Director, Ronald F. Lee, Assistant Director, and Herbert Evison, Chief of the Information Division. It was an informal question and answer session and no prepared speeches were presented.

Specific National Park problems were discussed, including the status of the boundaries of the Everglades National Park, the Cape Hatteras National Seashore Recreational Area, and the Olympic National Park.

At this meeting, as in the previous one, the need for education was stressed --- of the adult leaders as well as the children. The problem is to interpret the national parks so that the public understands their significance --- that they are principally places for the enjoyment of scenic wilderness, to get away from the tensions of modern civilization. People interested in bowling alleys and "honky tonks" should look elsewhere for their recreation and not expect to find such facilities in the National Parks.

In the afternoon of May 22 the first half of the program concerned problems of the U. S. Fish and Wildlife Service, with the discussion led by Mr. Albert M. Day, Director.

Maintenance of the proper environmental conditions is necessary for survival of wildlife resources. With increasing population pressure there is increased demand that more land be made available for agriculture (although vast crop surpluses are taxing storage facilities), for power, for oil fields, and for other industrial uses. The conflict of interests even includes different government agencies --- one of which may be subsidizing a drainage project, the other flooding an adjacent area.

The entire pattern of land use is being altered. More and mor habitats suitable for wildlife are being destroyed. Unfortunately, there are too few people who realize that there are some things which cannot be measured in terms of bushels of wheat and kilowatt hours, and that there is need to preserve a balance between material and spiritual values.

The second portion of the program was an informal discussion period led by Dr. Richard A. McArdle, Chief Forester of the U. S. Forest Service. There were general remarks on current problems and on the working relations between the Forest Service and the public.

The National Forests are administered for multiple uses, one of the principal being recreation. Again, the need for education of the public was mentioned --- one of the biggest jobs of the Forest Service is to clean up after people ! In connection with grazing use, it was reassuring to hear that many stockmen have come to recognize that prevention of over-grazing is to their advantage and that in many cases increase in quality has more than offset decrease in number of livestock.

As a finale, on Friday evening, three colored motion pictures were shown: "This is Dinosaur", depicting Dinosaur National Monument, courtesy Mr. Charles Eggert and the National Park Service; "Prowlers of the Everglades", courtesy Walt Disney Productions; and "Ivory Hunter", courtesy Mr. J. Arthur Rank and Universal Pictures, Inc. These are all beautifully photographed and should do a great deal toward presenting the significance of National Parks to the public.

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

NATIONAL PARKS ASSOCIATION

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An independent, non-profit organization with nation-wide membership
guarding America's heritage of scenic wilderness, founded in 1919

Publishers of NATIONAL PARKS MAGAZINE

1840 MINTWOOD PLACE, N. W.

WASHINGTON 9, D. C.

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and Editor
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Executive Secretary

MEMORANDUM TO THE BOARD OF TRUSTEES AND COOPERATING ORGANIZATIONS

The National Parks Association will hold its annual meeting in Washington, D.C. on May 21 and 22. It is hoped that all of the members of the Board of Trustees and representatives of all of the Cooperating Organizations will be able to attend. Final details of the program are being arranged and will be sent to you later. As now planned, the following events are scheduled:

Thursday, May 21. At 1:00 P.M. at the Textile Museum, 2320 S. Street, N.W.
Business Meeting.

At 7:00 P.M. Showing of slides of the national parks and monuments by Devereux Butcher. Place to be announced.

Friday, May 22. At 9:30 a.m. at the Textile Museum.

Discussion of national park problems led by Director Conrad L. Wirth, National Park Service.

At 1:30 P.M.

Discussion of national forest problems by Chief Forester Richard A. McArdle, U.S. Forest Service, and of wildlife problems by Dr. Clarence Cottam, Assistant Director, U.S. Fish and Wildlife Service.

At 6:30 P.M. Buffet Supper at the Wardman Park Hotel. \$5 per person.

At 8:30 P.M. Showing of motion pictures outdoors in Montrose Park, Georgetown (in case of rain, at Gordon Junior High School, 35th and T Streets, N.W.) Tentatively scheduled are Charles Eggert's colored film on Dinosaur National Monument, Disney's True Life Adventure on Everglades National Park (to be released in August), and J. Arthur Rank's feature "Ivory Hunter", the story of the establishment of the first national park in Kenya.

It will be appreciated if you will notify the Executive Secretary whether you will be present as soon as possible, in order to facilitate planning.

Fred M. Packard
Executive Secretary

Board of Trustees and Cooperating Organizations listed on back

June 1, 1953

Dr. Lee R. Dice
Institute of Human Biology
1135 East Catherine St.
Ann Arbor, Michigan

Dear Dr. Dice:

It was an interesting and educational experience for me to attend the annual meeting of the National Parks Association and I appreciate the opportunity to serve as representative of the Ecological Society of America.

Attached is a brief resumé of the sessions and my somewhat handworn copy of the reports and resolutions presented by the various officers, in case you are not being supplied with that additional material.

Yours sincerely,

Velva E. Rudd
Assistant Curator
Department of Botany

PRESIDENT

LEE R. DICE
INSTITUTE OF HUMAN BIOLOGY
1135 EAST CATHERINE ST.
ANN ARBOR, MICHIGAN

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THE ECOLOGICAL SOCIETY OF AMERICA

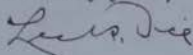
June 8, 1953

Dr. Velva E. Rudd
Assistant Curator
Department of Botany
SMITHSONIAN INSTITUTION
United States National Museum

Dear Dr. Rudd:

I am forwarding to our Secretary, Dr. Buell, your excellent report on the annual meeting of the National Parks Association, where you served as the representative of the Ecological Society. I hope that your resumé can be presented to the Society at its annual meeting. On behalf of the Society I thank you most heartily for serving as our representative.

Sincerely yours,



Lee R. Dice
President

LRD:mm

cc: Dr. Murray F. Buell
enclosure

*Report publ. in
Ecol. Soc. Bull.,
June 1953.*

Ocean Spring 9-26-53.

- 34340 mint.
34341 Phacelia yellow
34342 Phacelia white

34343 *Glottidia* 9-22-53

- 34344 *Sparganium* ^{Ocean Spring} *alterflora* 9-23-53
34345 *Solidago*

Miss. ~~Atto~~ Jackson Co. O.P. 9-24-53

- 34346 *Helianthus*
34347 *Sesuv. small.* P.B.
34348 *Tobelia*
34349 *Scirp.* Dry Pine Barren
34350 *Liatris*
34351 *Burmann.*
34352 *Grass*
34353 *Gynandropsis* Like *Liatris*
34354
34355 Like *Yarrow*
34356 *Solidago* (Euthamiae)
34357 *Bidens*
34358 *Lycopodium* Four Blc.
34359 *Asplen.*
34360 *Equisetum* Cast - N. Camp.
34361 *Salvia*
34362 *Grass* tank.

Miss Jackson

9-24-53 near Paez - Peru.

- 34363 Mier
34364 Polypodium
34365 Xyris
34366 Lich. Sag.
34367 Lobelia cardinalis
34368 Lich. Hypoleucum
34369 Alligator weed
34370 Cyrtanthus
34371 Hypoleucum
34372 Murielles
34373 Lycogen near the d
34378 Grass
34379 Carex " " 12" SRT
34380 Quercus nigra
34381 Lichen on lvs
34382 " " "
34383 mud.

Miss. Jackson Co. 9-25-53

- 34384 Dismodium
34385 Scrof.

Miss. Jackson ^{Escaburrope} 4 miles west of Hurley 9-27-53

34386 Grass Swamp

34387 ~~Salvia~~ Sedge

west of Hurley

34388 Salvia

west of Hurley 4 miles

34389 milky

34390 Solidago. wet.

34391 Lich. Helianthem

34392 Chrysopsis

34393 Polakolomon

34394 Quercus 1-1 1/2 ft.

34395 Grass fence.

34396 Sarg

Splachn P. Baeren

34397 Bidens

34398 Filisca Lich. M.

34399 Grass.

34400 Liatris bumpy P. Baeren

Miss Jackson Wade Baker Lake 9-27-53

34401 Quercus lyrata

34402 Moss

34403 Liverwort

34403 A. Tula trees

34404

O.P.

9-28-53

34404 Bromus

34405 Sclera

Miss Jackson Co

O.P.

9-29-53

34406 Asta

34407 Antennaria

Minn Jackson Co. Del Island, 10-1-53

- 34408 Croton
 34409 Baccharis 5 ft.
 34410 Ilex vomitoria 4 ft to 6 ft
 34411 Baccharis in bud
 34412 Salicornia trailing
 34413 " trailing
 34414 Saltonia
 34415 Eupatorium
 34416 Spartina
 34417 Chrysopsis
 34418 Eupatorium large branched
 34419 Spartina
 34420 Amaranth
 34421 Spartina
 34422 - Blue grass bunchy
 34423 Spartina?
 34424 Aster mud flat
 34425 Limnoria sea lavender

Minn Harrison Co. Henderson Is. 10-6-53

- 34426 Glottidium
 34427 Saltonia
 34428 Grass
 34429 Grass highly Bromus
 34430 Eupatorium (Eulachna)
 34431 Solidago
 34432 Sedge
 34433 Solidago tall stem
 34434 Like Veronica
 34435 Bromus
 34436 Baccharis
 34437 Solidago
 34438 Solidago Eulachna Coarctata
 34439 Sedge
 34440

D. J. Jemaree

Gulf Coast Research Laboratory Herbarium List of Species August 1952

Species	Jackson	Harrison	Hancock
<i>Acalypha gracilens</i> Gray.	2	3	
<i>Acalypha rhomboidea</i> Raf.	1 (no spec.)		
<i>Acer rubrum</i> tridens	1		
<i>Achyranthes philoxeroides</i> (Mart.) Standley		1	
<i>Acnida canndbina</i> L.	2		
<i>Aeschynomene viscidula</i> Michx.		1	
<i>Agalinis maritima grandiflora</i> (Benth) Pennell	1	1	
<i>Agalinis spiciflora</i> (Engelm.) Pennell	1 (no spec.)		
<i>Aldenella tenuifolia</i> (T. & G.) Greene		2	
<i>Aletris lutea</i> Small.		1	
<i>Alnus rugosa</i> (DuRoi) Spring.	1		
<i>Alnus serrulata</i> (Ait.) Willd.	1		
<i>Alternanthera philoxeroides</i> (Mart.) Giseb.		3	1
<i>Amaranthus hybridus</i> L.		1	
<i>Ambrosia artemisiifolia</i> L.	1	1	
<i>Amorpha fruticosa</i> L.	1		
<i>Amorpha tennesseensis</i> Shuttler		1	
<i>Andropogon lettoralis</i> Nash		2	
<i>Apios americana</i> Medic.		2	
<i>Apteria aphylla</i> (Nutt.) Barnhart	1		
<i>Aralia spinosa</i> L.		2	
<i>Aristida</i> (stricta)	1		
<i>Aronia arbutifolia</i> (L.) Ell.		3	
<i>Arundinaria gigantea</i> (Walt.) Chapm.	1		
<i>Asarum erifolium</i> Mx.	1 (no spec.)		(Stone 1)
<i>Asclepias lanceolata</i> Walt.	2		
<i>Asclepias Michauxii</i> Decne.	1		
<i>Ascyrum hypericoides</i> L.	3	1	
var. <i>multicaule</i> (Michx.) Fern.			
<i>Ascyrum stans</i> Michx.	3	3	
<i>Ascyrum pumilum</i> Michx.	1		
<i>Asimina parviflora</i> (Michx.) Dunal	1		
<i>Asimina triloba</i> (L.) Dunal.	1		
<i>Aster</i> sp. (novi-belgii complex)	1 (no spec.)		
<i>Aster racemosus</i> Ell.	1 (no spec.)		
<i>Athyrium asplenoides</i> (Michx.) Desv.	1		
<i>Baccharis halimifolia</i> L.	1		
<i>Bacopa monnieri</i> (L.) Pennell		3	
<i>Baldwinia uniflora</i> Nutt.	4	3	
<i>Bartonia virginica</i> (L.) B.S.P.	1		
<i>Betula nigra</i> L.	1		
<i>Bidens bipinnata</i> L.		1	1
<i>Bignonia capreolata</i> L.	1		
<i>Boehmeria cylindrica</i> (L.) Sw.		1	
<i>Boehmeria Drummondiana</i> Wedd.	1		
<i>Boltonia diffusa</i> Ell.			1
<i>Borrchia frutescens</i> (L.) DC.	3	3	
<i>Bramia monnien</i> (L.) Pennell.		1 (no spec.)	
<i>Breweria</i> aff. <i>patens</i> (Desr.) Fernald		1	
<i>Calamintha coccinea</i> Benth.		1 (no spec.)	
<i>Callicarpa americana</i> L.	2		1
<i>Calopogon graminifolium</i>	1	1	
<i>Carex glaucescens</i> Ell.	1	2	
<i>Carpinus caroliniana</i> Walt.			(Greene 1)
<i>Carphephorus Pseudo-Ilatris</i> Cass	5		
<i>Carya leiodermis</i> Sarg.		1	
<i>Castanea ashei</i> (Sudw.) Sudw.	4	2	
<i>Ceanothus americana</i> L.	1	2	
<i>Cenchrus tribuloides</i> L.	2		
<i>Centella rependa</i> (Pers.) Small	1		
<i>Ceratiola eriocoides</i> Michx.	1	2	
<i>Cephalanthus occidentalis</i> L.		1	
<i>Chaerophyllum</i>	1		
<i>Chamaecrista fasciculata</i> (Michx.) Greene		2	
<i>Chamaecyparis thyoides</i> B.S.P.	1		
<i>Chamaesyce Ingallsii</i> Small	1		
<i>Chenopodium ambrosioides</i> L.			
<i>Chloris petraea</i> Swartz			
<i>Chrysobalanus oblongifolius</i> Michx.	1		
<i>Chrysopsis graminifolia</i> (Michx.) Ell.			
<i>Chusquea edentula</i> (Bigel.)			

	Jackson	Harrison	Hancock
<i>Chrysopsis microcephalus</i> Small	1		
<i>Chondrophora nudata</i> (Michx.) Britton	1		
<i>Cirsium horridulum</i> Mx.	1	1	
<i>Cladium jamaicensis</i> Grants	2	2	
<i>Clethra alnifolia</i> L.	1	1	
<i>Clethra tomentosa</i> Lam.	6		
<i>Cliftonia monophylla</i>	2		
<i>Clinopodium coccineum</i> (Nutt.) Kuntze		3	
<i>Convolvulus sepium</i> L.	1		
<i>Conyza bonariensis</i> (L.) Cronquist		1	
<i>Conyza gonariensis</i> (L.) Cronquist		1	
var. <i>glabra</i> (Gray) Cronquist		1	
<i>Corallorhiza Wisteriana</i> Conrad	1		
<i>Crotalaria angulata</i> Mill.		1	
<i>Crotalaria maritima</i> Chapm.		1	
<i>Crotalaria rotundifolia</i> (Walt.) Poir	1		
<i>Croton capitatus</i> Michx.		1	1
<i>Croton glandulosus</i> L.	1	3	
<i>Croton punctatus</i> Jacq.		3	
<i>Crotonopsis linearis</i> Michx.		1	
<i>Cterium aromaticum</i> (Walt.) Wood.	1	1 (no spec.)	
<i>Cuscuta compacta</i> Juss.	2	1	
<i>Cuscuta indecora</i> Choisy			1
<i>Cyananchemum palustre</i> (Pursh.) Hellen.		1	
<i>Cynoctonum sessilifolium</i> (Walt.) J. F. Gmel.	1		
<i>Cyperus articulatus</i> L.	1		
<i>Cyperus asper</i> (Liebm.) O'Neill		1	
<i>Cyperus esculentus</i> L.	1		
<i>Cyperus Lecontei</i> Tou.		2	
<i>Cyperus ochraceus</i> Vahl.		1	
<i>Cyperus odoratus</i> L.		3	
<i>Cyperus retrorsus</i> Chapm.	1	2	
<i>Cyrilla racemiflora</i> L.	3	1	
<i>Dactyloctenium aegyptium</i> (L.) Beauv.		1	
<i>Daubentonia Drummondii</i> Rydb.		2	
<i>Daubentonia punicea</i> (Cav.) DC.		4	
<i>Daubentonia texana</i> Pierce	1		
<i>Desmodium tortuosum</i> (Sw.) DC.		2	
<i>Dianthera lanceolata</i> (Chapm.) Small			(Stone 1)
<i>Dichromena latifolia</i> Baldw.	1	2	
<i>Diodia hirsuta</i> Pursh.	1		
<i>Diodia tetragona</i> Walt.	1		
<i>Diodella teres</i> (Walt.) Small		1	
<i>Diodia virginiana</i> L.	1	1	
<i>Dioscorea villosa</i> L.	3		
<i>Distichlis spicata</i> (L.) Greene	5		
<i>Drosera filiformis</i> Raf.	2		
<i>Drosera intermedia</i> Hayne.	1		
<i>Drosera Tracyi</i> Macfarlane	3		
<i>Dulichium arundinaceum</i> (L.) Britton	1		
<i>Eclipta alba</i> (L.) Hassk.	1		
(<i>Verbesina alba</i> L.)			
<i>Elephantopus elatus</i> Bertel.		1	
<i>Elephantopus nudatus</i> Gray	1		1
<i>Elephantopus tomentosus</i> L.	2		
<i>Eragrostis unioloides</i> (Retz.) Neew.	1		
<i>Eragrostis secundiflora</i> Presl.		2	
<i>Eleocharis tuberculosa</i> (Michx.) R. & S.	2		
<i>Epidendrum Conopsea</i> Ait.	1		
(<i>Amphiglottis Conopsea</i> (Ait) Small.			
<i>Erigeron philadelphicus</i> L.	1		
<i>Erigeron repens</i> A. Gray	2		
<i>Eriocaulon compressum</i> Lam.	3		
<i>Eriocaulon decangulare</i> L.	1	3	
<i>Eryngium integrifolium</i> Walt.	2		
<i>Eryngium synchaetum</i> (A. Gray) Rose.	1	1	
<i>Eryngium yuccifolium</i> Michx.	1	1	
<i>Eryngium</i>	1		
<i>Eupatorium album</i> L.		1	
<i>Eupatorium fisifoliosum</i> Barratt		1	
<i>Eupatorium leucolepis</i> T. & G.	1		
<i>Eupatorium maculatum</i> L.	1		
<i>Eupatorium rotundifolium</i> L.	1	2	

	Jackson	Harrison	Hancock
<i>Eupatorium semiserratum</i> DC.	1		
<i>Eupatorium torreyanum</i> Short.	1		
<i>Eupatorium</i>		2	
<i>Euphorbia cardifolia</i> Ell.		1	
<i>Limbristylis autumnalis</i> (L.) R. & S.		1	
<i>Limbristylis castanea</i> (Michx.) Vahl.	2	1	
<i>Limbristylis miliacea</i> Vahl.			1
<i>Limbristylis spadicea</i> (L.) Vahl.	1	1	
<i>Fraxinus caroliniana</i> Mill.	1		
<i>Froelichia floridana</i> (Nutt.) Moq.		4	
<i>Fuirena breviseta</i> Coville	2		
<i>Fuirena scirpoidea</i> Michx.	2	1	
<i>Fuirena squarrosa</i> Michx.	1		
var. <i>hispida</i> (Ell.) Chapm.			
<i>Galium aparine</i> L.		2	
<i>Galium bermudense</i> L.	2		
<i>Galium tinctorium</i> L.		1	
<i>Gaura filiformis</i> var. <i>Small</i> Kearneyi Munz	2		
<i>Gaylussacia nana</i> Small		1	
<i>Gaylussacia dumosa</i> (Andr.) T. & G.	2		
<i>Globalanus oblongifolius</i> (Michx.) Small	1		
<i>Gelsemium sempervirens</i> (L.) Ait.	1		
<i>Geranium carolinianum</i> L.	1	3	
<i>Gerardia maritima</i> Raf. <i>grandiflora</i> Benth.	1		
<i>Gerardia purpurea</i> L.	1		
<i>Gerardia virgata</i> (Roy.)		1	
<i>Gilia rubra</i> (L.) Heller	1		
<i>Gnaphalium obtusifolium</i> L.	1		
<i>Gnaphalium purpureum</i> L.	1		
<i>Gratiola neglecta</i> Torr.			(Boliver 1)
<i>Habenaria blephariglottis</i> (Willd.) Hook var. <i>conspicua</i> (Nash) Ames		2	
<i>Habenaria ciliaria</i> L.	2	1	(Independence 1 (Ark.) 1 (no spec.))
<i>Habenaria conspicua</i> Nash.			
<i>Habenaria clavellata</i> (Michx.) Spreng.	1		
<i>Habenaria cristata</i> Michx.	2		
<i>Habenaria flava</i> (L.) R. Br.			(Stone 1)
<i>Habenaria integra</i> Nutt.	3		
<i>Habenaria nivea</i> (Nutt.) Spreng.	1		
<i>Halesia diptera</i> Ellis	2		
<i>Hemmelis virginiana</i> L.	2	1	(Stone 1)
<i>Helenium brevifolium</i> Nutt.	1		
<i>Helenium decurrens</i> (Macbride) Moldenke	5	1	
<i>Heliopsis microcephalus</i> T. & G.	1		
<i>Heliopsis rigidus</i> (Cass.) Desv.		1	
<i>Heliotropium curassavicum</i> L.		1	
<i>Heterotheca subaxillaris</i> (Lam.) Britton & Rusby		5	1
<i>Hibiscus aculeatus</i> Walt.	2	1	
<i>Hibiscus incanus</i> Wendl.		2	
<i>Hieracium gronovii</i> L.	1		
<i>Hydrocotyle bonariensis</i> Lam.	1	2	
<i>Hymenocallis rotatum</i>			(Louisiana 1)
<i>Hyocicuta adpressum</i> Bart.		1	
<i>Hypericum ambiguum</i> Ell. (H. <i>galioides</i> 1 var. <i>pallidum</i> Urohr.)	3	1	
<i>Hypericum aspalathoides</i> Willd.	3	1	
<i>Hypericoides ascyrum</i> L. (A. <i>multicaule</i> Michx.)		1	
<i>Hypericum cistifolium</i> Lam	1	1	
<i>Hypericum gentianoides</i> L.	2	2	
<i>Hypericum multilum</i> L.	1		
<i>Hypericum myrtifolium</i> Lam.	1		
<i>Hypericum setosum</i>	1		
<i>Hypericum tubulosum</i> Walt.	1		
<i>Hyptis radiata</i> Willd.	2	1	
<i>Ilex coriacea</i> (Pursh) Chapm.	1		
<i>Ilex glabra</i> (L.) A. Gray	4	4	
<i>Ilex lucida</i> T. & G. (I. <i>coriacea</i> Pursh) Chapm.		1	
<i>Ilex opaca subintegra</i> Weath.	1		

	Jackson	Harrison	Hancock
<i>Ilea virginica</i> L.	1 (no spec.)	1 (no spec.)	
<i>Ilex vomitoria</i> Ait.		4	1
<i>Illicium floridanum</i> Ellis.	1		{Stone 1}
<i>Ilysanthes dubia</i> (L.) Barnhart.	1		
<i>Ingigofera caroliniana</i> Mell.	1		
<i>Ingigofera tinctoria</i> L.		1	
<i>Ipomoea pes. Caprae</i> (L.) Sweet.	1		
<i>Ipomoea sagittata</i> Cav.		2	
<i>Ipomoea trichocarpa</i> Ell.		1	
<i>Itea virginica</i> L.	5	1	
<i>Iva frutescens</i> L.	3	3	
<i>Iva imbricata</i> Walt.	1		
<i>Jacquemontia tamnifolia</i> (L.) Griseb.	2		
<i>Jatropha stimulosa</i> Michx. (<i>Bivonea stimulosa</i> (Michx.) Raf.)	1		
<i>Juncua acuminatus</i> Michx.		1	
<i>Juncus effusus</i> L.	2		
<i>Juncus megacarpus curtis</i>		3	
<i>Juncus scirpoides</i> Lam.		1	
<i>Kalmia latifolia</i> L.	1		
<i>Koelia albescens</i> (T.&G.) Kuntze (<i>Pycnanthemum albescens</i> T. & G.)	1		
<i>Kosteletskyia althaeifolia</i> (Chapm.) A. Gray		1	
<i>Kosteletskyia virginica</i> (L.) Presl	1		
<i>Lachnocaulon anceps</i> (Walt.) Morong.	2		
<i>Lachnanthes tinctoria</i> (Walt) Ell.	5	3	
<i>Lactuca canadensis</i> L.	1 (no spec)		
<i>Lantana camara</i> L.		1	
<i>Lepidium virginicum</i> L.		1	
<i>Lechea leggettii</i> var. <i>ramosissima</i> Hododon		1 (no spec)	
<i>Lechea minor</i> L.		1 (no spec)	
<i>Lechea patula</i> Leggett.	1	7	
<i>Lecanora pallida</i> (Schreb.) Rabenk		1 (no spec)	
<i>Liatris spicata</i> (L.) Willd.			
var. <i>resinosa</i> (Nutt.) Gaiser	2		
<i>Liatris squarrosa</i> (L.) Michx.	1	2	
var. <i>Gracilentia</i> Gaiser			
<i>Linaris cnaadensis</i> (L.) Dumont	2	1	
<i>Linaris floridana</i> Chapm.	1		
<i>Lippia lanceolata</i> Michx. Greene		2	
<i>Lippia nodiflora</i> Michx.	1	1	
(<i>Phyla nodiflora</i> (L.) Greene			
<i>Lobelia cardinalis</i> L.	1 (no spec)		
<i>Lobelia floridana</i> Chapm.	2		
<i>Lophiola aurea</i> Ker.	2	1	
<i>Lorinseria areolata</i>	2	1	
<i>Ludwigia alternifolia</i> L.	1		
<i>Ludwigia alternifolia</i> var. <i>pubescens</i> Palmer & Steyermark	1	1	
<i>Ludwigia glandulosa</i> Walt.	1		
<i>Ludwigia hirtella</i> Raf.		1 (no spec)	
<i>Ludwigia linearis</i> Walt.	3		
var. <i>puberula</i> Engelm. & Gray			
<i>Ludwigia maritima</i> Harper	1	2	
<i>Ludwigia pilosa</i> Walt.	1	2	
<i>Ludwigia vergata</i> Michx.		1	
<i>Lupinus diffusus</i> Nutt.	1		
<i>Lycopodium alopecuroides</i> L.	3	4	
<i>Lycopodium alopecuroides</i> L. forma unnamed		1	
<i>Lycopodium alopecuroides</i> L.	3		
var. <i>pinnatum</i> Chapm.			
<i>Lycopodium carolinianum</i> L.	1		
<i>Lycopodium prostratum</i> Harper	1		
var. <i>pinnatum</i> Chapm.			
<i>Lyonia lucida</i> (Lam.) K. Koch	5	1	
<i>Lysimachia nummularia</i> L.	1		
<i>Lythrum lineare</i> L.		3	
<i>Macranthera flammee</i> (Batr.) Pennell	3	1	
<i>Magnolia acuminata</i> L.			(Stone 1)
<i>Magnolia tripetala</i> L.	1		
<i>Magnolia virginica</i> L.	1	1	

	Jackson	Harrison	Hancock (George 1)
<i>Malaxis unifolia</i> Michx.			
<i>Melilotus officinalis</i> (L.) Lam.		1	
<i>Monarda punctata</i> L. subsp. <i>typica</i> Epling.	2	2	
<i>Myrica cerifera</i> L.	5		
<i>Myrica carolinensis</i> (Mill.) Tidestrom			(Stone 1)
<i>Myrica heterophylla</i> Raf.	1		
<i>Myrophyllum heterophyllum</i> Michx.	1		
<i>Neptunia floridans</i> Small		1	
<i>Nymphaea chartacea</i> Miller & Standley	1	1	
<i>Nyssa</i>	1		
<i>Odontonchia corymbosa</i> Small		5	
<i>Oenothera humifusa</i> Nutt.	1	5	
<i>Oenothera laciniata</i> Hill var. <i>typica</i> Munz.	1	5	
<i>Osmathus americanus</i> (L.) Benth. & Hook f.	3		
<i>Osmunda cinnamomea</i> L.	1		
<i>Osmunda regalis</i> L.	2		
<i>Oxalis corniculata</i> L.		2	
<i>Oxydendrum arboreum</i> (L.) DC	2		
<i>Oxypolis filiformia</i> C.&R. var.	1		
<i>Oxypolis filiformis</i> (Walt.) Britton	1	2	
<i>Panicum aciculare</i> Desv.	1		
<i>Panicum amarulum</i> H. & C.		2	
<i>Panicum angustifolium</i> Ell.	1		
<i>Panicum commutatum</i> Schult	2		
<i>Panicum consanguineum</i>	1		
<i>Panicum langginosum</i> Ell.	1	1	
<i>Panicum lindheimeri</i> Nash.	1		
<i>Panicum longiligulatum</i> Nash	1		
<i>Panicum portoricense</i> Desv.		1	
<i>Panicum repens</i> L.	5	2	
<i>Panicum sphaerocarpon</i> Ell.		1	
<i>Panicum virgatum</i> L.	1		
<i>Panicum virgatum</i> var. <i>cubense</i> Griseb	1	3	1 (no spec)
<i>Panicum Xalapense</i> H.B.K.	1		
<i>Parthenium hysterophorus</i> L.		1	
<i>Paspalum distichum</i> L.		1	
<i>Paspalum floridanum</i> Michx.		1	
<i>Paspalum floridanum</i> Michx. var. <i>glabratum</i> Engelm.		1	
<i>Paspalum urvillei</i> Steud.		3	
<i>Peltandra glauca</i> (Ell.) Feqy.	1		
<i>Persea palustris</i> (Raf.) Sarg.	2	1	
<i>Perilla frutescens</i> (L.) Britton	1		
<i>Penthorum sedoides</i> L.	1		
<i>Eleagmites communis</i> Trin.		1	
<i>Phyla nodiflora</i> (L.) Greene		1	
<i>Physalis angustifolia</i> Nutt.	2	1	
<i>Phytolacca americana</i> L.		1	
<i>Pinguicula lutea</i>	2		
<i>Pinus echinata</i> Mill.	1		
<i>Plantago aristata</i> Mx.		1	
<i>Pluchea foetida</i> (L.) DC	1	2	1
<i>Pluchea purpurascens</i> (Sw.) DC.	1		
<i>Pogonia ophioglossoides</i> (L.) Ker.	1		
<i>Polygala Chaymannii</i> T. & G.	1		
<i>Polygala cruciata</i> L.	1		
<i>Polygala cymosa</i> Walt.	3	3	
<i>Polygala grandiflora</i> Walt.	1		
<i>Polygala leptocaulis</i> T. & G.	1		1
<i>Polygala lutea</i> (L.)	2	4	
<i>Polygala nana</i> (Michx.) DC.		1	
<i>Polygala Nuttallii</i> T. & G.	1		
<i>Polygala polygama</i> Walt.	3		
<i>Polygala ramosa</i> Ell.	2		
<i>Polygala ramosior</i> (Nash) Small	2		
<i>Polygonum hydropiper</i> L.		1	
<i>Polygonum hydropiperoides</i> Michx.		1	
<i>Polypremum procumbens</i> L.	1	6	
<i>Polypodium polyposioides</i> (L.) Walt.	1		
<i>Polystichium acrostichoides</i> (Michx.) Schott	1		
<i>Pontederia lanceolata</i> Nutt.	1	1	
<i>Proserpinaca pectinata</i> Lam.	2		

	Jackson	Harrison	Hancock
<i>Pseodera cinquefolia</i> (L.) Greene		1	
<i>Pteridium caudatum</i> (L.) Maxon		1(no spec)	
<i>Pteridium aquilinum</i> (L.) Kuhn			
var. <i>pseudocaudatum</i> (Clute) Heller		1	
<i>Pteridium latiusculum</i>			
var. <i>pseudocaudatum</i> (Clute) Maxon	1		
<i>Ptilimnium Capillaceum</i> (Michx.) Reef.		2	
<i>Pycnanthemum albescens</i> T.&G.		2	
<i>Quercus catesbaei</i> Michx.		2	
<i>Quercus cinerea</i> Michx.		2(no spec)	
<i>Quercus incana</i> Bartr.		1	
<i>Quercus laevis</i> Walt.		1	
<i>Quercus nigra</i> L.	3		
<i>Quercus obtusa</i> Ashe	1		
<i>Quercus pumila</i> Walt.	1		
<i>Quercus stellata</i> Margaretta Sarg.	1		
<i>Quercus virginiana</i> L.	1		
<i>Quercus virginiana</i> Mill.			
var. <i>geminata</i> (Small) Sarg.	1	4	
<i>Rhexia alifanus</i> Walt.	2	2	
<i>Rhexia alifanus</i> Walt. eglandular fprp		1	
<i>Rhexia lanceolata</i> Walt.	1		
<i>Rhexia lutea</i> Walt.		1	
<i>Rhexia Nashii</i> Small	1		
<i>Rhodendron serrulatum</i> (Small) Millais	4		
<i>Rhus copallinum</i> L.		4	
<i>Rhus radicans</i> L.	1		
<i>Richardia scabra</i> St. Hil.	2		
<i>Rhynchospora chapmanii</i> M.A. Curtis	2	1	
<i>Rhynchospora cephalantha</i> Gray	1		
<i>Rhynchospora megalocarpa</i> Gray		1	
<i>Rhynchospora macrostachya</i> Torr.	1		
<i>Rhynchospora megalocarpa</i> Gray		1	
<i>Rhynchospora odorata</i> Wright.		2	
<i>Rhynchospora schoenoides</i> (Ell.) Britt.	1		
<i>Rumex crispus</i> L.		2	
<i>Rumex verticillatus</i> L.		2	
<i>Sabal minor</i> (Jacq.) Pers.			1
<i>Sabbatia gentianoides</i> Ell.	1		
<i>Sabbatia macrophylla</i> Hook.	1		
<i>Sabbatia stellaris</i> Pursh.		1	
<i>Sabbatia campanulata</i> (L.)		2	
<i>Salicornia perennis</i> Mill.		1	
<i>Salix nigra</i> Marshall		2	
<i>Salvia coccinea</i> Jacq.		2	
<i>Sapium sebiferum</i> (L.) Roxb.			(George r)
<i>Sarracenia Jonesii</i> Wherry	2		
<i>Sarracenia psittacina</i> Michx.	1		
<i>Sarracenia sledgei</i> Macf.	1	3	
<i>Saururus cernuus</i> L.		1	
<i>Schrankia nuttallii</i> (DC.) Standl.		1	
<i>Scirpus americanus</i> Pers.	1	3	
<i>Scirpus robustus</i> Pursh.	3	2	
<i>Sebastiana ligustrina</i> (Michx.)	1(no spec)		
<i>Serenoa repens</i> (Bartr.) Small		1	
<i>Sericocarpus bifolius</i> (Walt.) Cass.		1	
<i>Sesuvium maritimum</i> (Walt.) B.S.P.		1	
<i>Setaria genic ulata</i> (Lm.) Beauv.	1	2	
<i>Scutellaria campestris</i> Britton			1
<i>Sida rhombifolia</i> L.	1	1	
<i>Sisyrinchium atlanticum</i> Beckm?		1	
<i>Sisyrinchium brownei</i> Small	1		1
<i>Smilax auriculata</i> Walt.		1	
<i>Smilax bona-nox</i> L.		1	
<i>Smilax laurifolia</i> L.	1		
<i>Smilax smallii</i> Morong.	1		
<i>Solanum nigrum</i> L.		1	
<i>Soliva sessilis</i> R. & P.			(Bolivar 1)
<i>Sophranathe hispida</i> Benth.		1	
<i>Spartina alterniflora</i> Loisel.	2		
<i>Spartina cynosuroides</i> (L.) Roth.			1
<i>Spartina patens</i> (Ait.) Muhl.	3	1	
<i>Spartina spartinae</i> (Trin.) Merr.	1(no spec)		
<i>Spergularia</i> (Tissa Marina)			(Magnolia Rigge)

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Spermolepis inermis (Nutt) M. & C.	2		
Spiranthes lacinata (Small) Ames.	1		
Sporobolus poirette (R. & S.) Hitchc.	1	1	
Sporobolus virginicus (L.) Kunth		1	
Stokesia laevis (Hill.) Greene.	4	1	
Strophostyles helvola (L.) Ell.		1	
Strophostyles leiosperma (T. & G.) Piper.		1	
Stuartia Malachodendron L.	1		
Styrax americana L. AM.	1 (no spec)	1	
Styrax grandiflora Ait.	1		
Symplocos tinctoria (Garden)	2		
Taxodium distichum (L.) Richard	2	1	
Thelypteris normalis (C. Chr.) Moxley. (sun form)	1	2	
Thelypteris palustris (Salisb.) Schott var. halaena Fernald.	1		
Tillandsia usneoides L.	2	2	1
Tithymalopsis apocynifolia Small.	1		
Tofieldia racemosa Walt.	3		
Trichostema dichotomum L.	1		
Trilisa odoratissima (Walt.) Cass.		2	
Trypsacum dactyloides (L.) L.	1		1
Uniola laxa (L.) B. S. P.			
Uniola paniculata L.	1	2	
Utricularia juncea Vahl. (Stomoisia juncea (Vahl.) Barnh.)	1		
Utricularia purpurea Walt.	1		
Utricularia subulata L.	1		
Vaccinium Elliotti Chap.	1		
Vaccinium stamineum L.	1		
Verbena brasiliensis Vell.		3	
Verbena halei Small	1	1	
Verbena Neo-Mexicana (A. Gray) Small			1 (Louisiana)
Verbena scabra Vahl.			
Verbena tenuisecta Briq.		3	
Vernonia altissima Nutt.	1		
Vernonia missurica Raf.	1	1	
Viburnum nudum L.	4	3	
Vigna repens (L.) Kuntze	2		
Woodwardia virginica (L.) Sm.		1	
Xyris ambigua Beyr.	2	1	
Xyris fimbriata Chapm.		1	
Xyris iridifolia Chapm.	1		
Xyris smalliana Nash.		1	
Zygadenus glaberrimus Michx.	2	1	

Mamamua, Mamore Prov.
Viti Levu, Oct. 18, 1953

Dear Velva,

Your letter of Oct. 1 and Jassi's of Oct. 6 recently caught up with me; we are now in a comparative center of civilization, Mamamua being at the head of navigation (i.e. rowboat navigation) on the Navua River and only a few hours from the coast. I also have a letter from you of Aug. 18, and a pretty postcard from Montreal written within the last year; many thanks for this brief correspondence. As to my financial indebtedness to you, don't give it another thought. Would you like to be paid in calico or tinued fish?

I am glad to hear from you and Janor that the balcony seems imminent. Let me know if it's safe to return by Feb. 1 and please don't let them put my first shipment under all the shifted cases. You were very uninformative about the Modison meetings? Nothing worth reporting? i.e. were all the papers about prairie ecology?

We returned recently from several weeks up the Wainikoroilua River, where there is a little group of three villages just before you get to nowhere. Here I was exposed to a new religious experience, as the people are Seventh Day Adventists. The focal point of SDAism, as I see it, is the Three Day Weekend. Friday is set aside as a day of preparation, to get into the mood as it were; in fact the Sabbath begins officially at 4 p.m. on Friday. Saturday, of course, is Sunday. Sunday (I don't understand this part) is also Sunday. Monday is a little on the slow side, devoted to retrospective contemplation.

To this basic pattern has been added a new embellishment recently, when the SDA school at Manggarawai (one of the three towns) acquired a radio. On the Suva Station, Tuesday is Fijian day, with one evening devoted to news (and advertisements of course) in the vernacular, interspersed with what they say is music. Now the inhabitants of the three towns congregate, after due preparation,

in Naggaraui on Tuesday afternoon for an evening of intensive Culture. Of course it takes all night to discuss the programme and to drink yauggona, and Wednesday to rest up. The best minds of the three towns are now working on the troublesome problem of Thursday, and I feel sure that a solution will be found.

By the way, I hear that the transmit radio in D.C. has been eliminated and its sponsors all executed. Could that be just a happy rumor?

Well, this will fill you in on our activities. We find Nammurua changed in the weeks since we first passed through, as our earthquake knocked a ~~off~~ cliff into the river, diverting its course close to the village and providing conversation, until the first rains start, as to whether or not the village will get scattered downstream. We are all well and having fun. -
Regards to all, Misi Simethi, Junikau.

First fold here

Sender's name and address:-

A. C. Smith
c/o Morris Hedstrom, Ltd.
Suva, Fiji

Second fold here

U.S.A.

Dept. Botany
Smithsonian Institution
Washington 25, D.C.

Dr. Velva E. Rudd

Dept. Botany

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ROY SHIRLEY, MGR.
* EUROPEAN PLAN *
GULFPORT, MISS.

H & H CAFE
AT
GULFPORT, MISS.
14TH STREET

11-12-53

Dear Miss Reidd,

I am sending you what I take to be two
Daubentonias. The winged pod is
D. Drummondii & D. paucica, the flowers
may help determine them. The one without
wings is very common between Gulfport
and the coast. Not found much other
place along the coast. Large patches
about 50-50 here. Do you have
a wingless form in your herbarium.
This wingless form can be on the so-
called yellow and red flowered.
I have many different collections
of the so-called red & yellow. Sent
some to Dr. Soley and amos and they
puzzle him. I can get any variation
from yellow-red. This wingless
one is certainly a new thing here. May
be common some place else. I did

find a few acres of your *Asplenium*
virginica on Peter Boin Island and
a few scattered specimens on the
main land.

How you finished that research
as yet? Will send you specimens later.

Dulcie Demaree
Guilford
Miss.

November 18, 1953

Dr. Belsie Demaree
H. and E. Hotel
14th Street
Gulfport, Mississippi

Dear Dr. Demaree:

Your specimen of the wingless "Daubentonia" is very interesting, and is the first North American collection I have seen. It matches exactly with specimens of Sesbania (Sect. Daubentonia) marginata Benth., a South American species, which apparently has never been transferred to the genus Daubentonia.

Your winged specimen I would call Daubentonia punicea (Cav.) DC., or Sesbania punicea (Cav.) Benth. as seems to be favored by recent students of the group. Incidentally, this is one of the problems which already I have on my tentative agenda for future work. A number of the Sesbanias are based on taxa originally ascribed to Aeschynomene.

The problem of flower color, in Daubentonia, yellow vs. red, etc., I suspect, is much as in Aeschynomene: basic yellow pigment, tempered by anthocyanin. In some cases the color seems to be quite constant, in others extremely variable, probably influenced by environmental conditions.

My Aeschynomene paper was completed in thesis form and now is being retyped for publication, after revision to include considerable Brazilian material which was not available to me earlier.

We will be glad to receive herbarium specimens of the above "Daubentonias" and the Aeschynomenes you mention having collected.

Sincerely yours,

Velva E. Rudd
Assistant Curator
Department of Botany

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IN EACH ROOM



H&H HOTEL

OWNERS AND OPERATORS

ROY SHIRLEY, MGR.

* EUROPEAN PLAN *

GULFPORT, MISS.

H & H CAFE
AT
GULFPORT, MISS.
14TH STREET

11-22-53

Dear Miss Rudd:-

Could you get the Miss. Collection
of Aeschynomene if I could send
them to you in a week. They are
at Ocean Springs and I could
soon get them.
I have what we took to be A.
virginiana (sp) from Petit Bois Island
and Ocean Springs Jackson Co. and
Gulfport Harrison Co.

Yours
Delzie Renner

P.S. I have wonderful specimens of
Dombantonia in everything from yellow
to red etc. Collected them about every
place I saw them. Wish you could see
them growing. Will send sheet each
collected by post.

GREYHOUND LINES



Fontainebleau, Miss.

City & State

Note mistake on my label.

This is a bus stop and a

Community 4 miles east of Ocean Springs, Conn. 06463

If you do not have other identification in or on your baggage, you can write your name and address below, and put this envelope inside your bag - an extra precaution against error.

USE THIS ENVELOPE FOR BAGGAGE IDENTIFICATION, IF YOU WISH

HELP US PROTECT YOUR LUGGAGE
USE AMERICAN PARCEL CHECKING LOCKERS

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* EUROPEAN PLAN *

GULFPORT, MISS.

H & H CAFE
AT
GULFPORT, MISS
14TH STREET

11-30-53,

Dear Miss Rudd:

I am sending you three numbers of Aes.
It was still a little early for good fruit.
I sent some extra labels so that you could type
a set of labels. You may keep them.

If you could get here in June or July, you could
see many of the legumes. That Daubenton's Complex
would take a day with a car to see all the
funny ones. They are ripened and one shoot with
normal flowers in color while the others
from the same root system off color. In drying
many of the reddish ones seem to go yellow.

Mr. Charnel a student at Duke and who works
here in the summer says they are all red there.
You can dry all the plants you want to here at any
time. Regular classes will be here all summer
and board and rooming only \$2.00 a day. I think
we could have an island trip planned. I have
one during the holidays for Chaudhury students.
Hope you can make the labels out.

Yours,

Delia Demaree.

P.S. See mistake in spelling? Fontainebleau on
label in notes on this.

December 6, 1953

Dr. Delzie Demaree
Gulf Coast Research Laboratory
Gulfport, Mississippi

Dear Dr. Demaree:

The package of *Aeschys* arrived a few days ago, in good condition. All three numbers represent *Aeschynomene indica* L. (This is the same as the Asian material, apparently introduced there from America, at an early, pre-Linnaean date). I already have collections from Utica, Jackson Springs, Biloxi, and Cat Island, and am glad to get material from intervening or additional areas.

I delayed answering this since I was on the verge of typing a new edition of my rough, preliminary key to the species of *Aeschynomene* in the United States, a copy of which is herewith enclosed. I hope you will some day find more of the species. (*Ae. histrix*, for example, is known from only one collection, made 20 or 30 years ago, near Pensacola. The two *rudis* collections date back to the last century.) The hurricanes might blow you some of the fruits on occasion.

Best wishes for a Merry Xmas and a Happy New Year.

Sincerely,

Velva E. Rudd
Assistant Curator
Department of Botany