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About the Institute

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

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

All. d. D. Paller Dofi of 24th Sime come docky to them, and are there united writing to you in refly in carfretation of him diappoints. are will write to com. Mant at Uniontens Digitized by tune Institute for Botongal Documentation Maching July 5th 1333 Felding

Archiv des Apothe Kenvereines im nordlichen Toutschland Bd. 8,

p. 50 (& norsh), Ochmalkalden, 1824,

Attal & DE A. Weihe (in Mennighöffen).

pay 50. Cus auta Eyilinung miki. Dieses "ausserst schädliche Jewächs habe ich erst in diesem Sommer entdeckt, obgleich es dem Landmann längst unter dem Namen Siee oder Seide bokennt und vorhamt ist. Es ist

Digitized by Firent Thmanetzerfluser Bulder der Plackhalme ein Biridel

Beschreibung geben.

Cuscuta europaea L.

a' trais methi en amerique en to sometico que demais

A Eccle Supérieure

DE PARIS

4, Avenue de l'Observatoire.

LE BIBLIOTHÉCAIRE.

(4.59) 1) Cuscuta europæa L. Mit sitzenden Köpfen, deren

Blümchen am Grunde fast frei sind, 4 bis 5 spalliger Keleh,

(1.51) 4 bis 5 spalliger Blumenkrone, die so weit aus dem Kelch
heraustritt, dass ihre Zipfel sich über denselben zurücklegen
können. Die ganze Pflanze ist vor der Sonne schön roth
oder fleifchfarben, im Schatten weis und nicht eigensinnig
in der Wahl ihres Ernährers, denn man findet sie au

Digitized by HummInstinate Winter Bottantical & Documentation

2) Cusanta Epilinium Weihe. Init sitzenden Köpfen, deren Blümchen am Grunde verwachsen sind, fünfspaltiger bucklichem, warzigem, fleischigem Kelch, fünfspaltiger Blumentrone, deren kleine, weistliche Zipfel kaum aus dem Kelch hervorsehen, fünf Staubfäden ohne Anfang, zwei Staubwegen die sich kreuzen. Die ganze Bflanze stets schnutzig gelb und nirgend als um den Flachs zu finden

Man findet diese Schmarotzerpflange nicht alle Jahr, auch ist zu vermuthen, dass der kleine Saamen durchs durchs Sichten Könne abgesondert werden. Im verwichenem Frühjahr hatten aber unsere Landleute, durch die anscheinende Reinigkeit des angekauften Leinsaamens verführt, es vernachlässiget, deuselben zu sichten, daher fand man in vielen Feldern eine unsägliche Meuge dieses Unkrauts

Ferner aus der toten Klasse.

4) Spergula maxima miki....

Attache to the experience of June of J

Jamaica Plain, Mass., October 31, 190 8.

7

Dear Mr. Miller:

The seed from which our Cedars of Lebanon have grown was planted in 1902, so I think it is safe to say that they have made a very satisfactory and, in some cases, remarkable growth in six years.

I am glad to hear that you are to have an Arnold Arboretum
Department, for there is a good deal of interest going on here. I
am not familiar with Mr. Clark's work but if you have n't made a
final arrangement with him I should think that Rehder here would be
the very best man in the country for such a Department. He has
been contributing notes to Horticulture during the last season which
have attracted a good deal of attention both in this country and in

can talk over this and many other matters?

Faithfully yours,

Dr. Wilhelm Miller, New York, N. Y. C.S. Sargent.

arnold Arboretum, HARVARD UNIVERSITY. October 12, 1909. Dear Nor. Meiller: I have just got back from a short botamcal trip in the contherest and find here your letters of September 28th and October 8th. Glad to hear you are better and that you are coming to see me this autumn I expect to be here now the rest of The mouth and shall be glad to nelrestitute jost attanie times cumentation In regard to the lee dare of lef. anon, our largest plants are now about I feet high and seem promising, attho it is of course too early to pay much about them. I daresay we have fifty plants and ne could dispose of a dozen perhaps at \$25. each. Faithfull yours Las. Surgent.

Bux contalement. 1. d.

The state of the s

New York Botanical Garden, Brons Fark, New Nork Ctin.

April 19, 1917

Mr. T. G. Yuncker 501 East Clark Street Champaign, Illinois

Dear Sir:

In answer to your letter of April 6, I enclose herewith a fragment of the type of <u>Cuscuta gracilis</u>. It is only a single cluster of flowers, but it is practically all that we can spare as the type specimen is not very plentiful. The original was divided between the National Herbarium, Mr. Trelease's old collection (which is now at Yale), and our collection here.

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Curator

EWING CHRISTIAN COLLEGE

ALLAHABAD INDIA

Winfield Dudgeon, Ph.D. Sarup Krishna Zibbu, M.Sc John Chelladural, B.A. (Hons.) Kall Sahal Srivastava, B Sc.

March 25 1919

Mr. T.G. Yuncker . University of Illinois.

Dear Mr. Yuncker :-

I am sending you the photograph of Cuscuta that Dr. Fuller spoke to you of, together with three others that may be of inter-

est to you.

#628 is the one that Dr. Fuller mentiond. It was taken March 1914, and shows Cuscuta reflexa on Acacia arabica. It gives a good idea of the luxurience of growth of the parasite, and the extent it may damage emen large trees. Also there is shown a group of Hindus working HARD --- perhaps they are only the boys in charge of the cattle and buffaloes.

#1391 is Cuscuta on Thevetia nereiifolia, taken Nov 12 1917. #1420 is the same group taken Apr 20 1918, and shows the destruction of the younger parts of the little Thevetia trees, and

at the same time the death of most of the Cuscuta.

#1486 is Cuscuta on a small Zizyphus jujuba tree, taken Sep 30 Cuscuta at the close of the monsoon rains. Incidentally the Jamma River and the East Indian Railway bridge appear in the background.

I hope these pictures will convey some idea of the character of the Cuecuta found here. The details are so minute that they Digitizeappear confusing, and require enlarging before they car be seen at distinctly. Of the seven species of Cuscuta described in HOCKER'S Flora of British India, only one is found in the Upper Gangetic Plain (practically the United Provinces). This species is Cuscuta reflexa Roxb. It is very abundant and widely distributed. It vegetates puxuriently during the monsoon (July-September) and afterward; begins flowering the first week in December; completes flowering by the middle of February; then much of it dies. think the extent of death depends on the size and vigor of the host. Small hosts are nearly or quite exhausted by the time the parasite is done flowering, and the extreme dry weather of the spring hastens the destruction. But when the host is large and vigorous, and the parasite not too extensive, it continues to grow all thru the hot dry spring.

> Cuscuta reflexa is very cosmopolitan in its choice of hosts. The following is a list of hosts I have observed it on. The first three are by far the most common, and are arrangd in the order of importance: -- Acacia arabica (Leguminosae); Zizvohus jujuba (Rhamnaceae); Thevetia nereiifolia (Apocynaceae); Feronia elephantum (Rutaceae); Capparis sepiaria (Capparidaceae); Peristrophe bicalyculata (Acanthaceae); Anona squamosa (Anonaceae); Achyranthes aspera (Amaranthaceae); Cocculus villosus (Menispermaceae); Jasminum pubescens (Oleaceae); Holoptelea integrifolia (Urticaceae); Calotropis procera (Asclepiadaceae); Setaria verticellata (Gram.).

Doubtless there are many other occasional hosts.

If there is any further service I can render in this connection. I shall be happy to do it.

Most sincerely Minfield Sudgeon

DEPARTMENT OF BOTANY

J. J. THORNBER.

BOTANIST

R. B. VON KLEINSMID. PRESIDENT

COLLEGE OF AGRICULTURE
AND

AGRICULTURAL EXPERIMENT STATION

R. H. FORBES. DEAN AND DIRECTOR

April 28, 1919.

Mr. T. G. Yuncter, University of Illinois, Urbana, Illinois.

Dear Mr. Yuncter:

April 21 and note what you say about not having received the specimens of Cuscuta. I arranged about ten days ago to have them wrapped up and shipped to you. Upon inquiry this morning I find that for some reason or other they have not been sent. I shall, accordingly, have them packed up and sent this aftermoon or tomorrow at the latest.

I have your letter under date of

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I am sending you all the material that we have which I regret to say is very little. We shall have more to send out by fall and if you are still interested in Cuscuta I will be pleased to send them. I find it a very difficult genus to work with because of the fragmentary nature of the description. Not infrequently I can include the same specimens of plants in two or three species due to the fact that the description are so incomplete. I trust that you will have better results. I am

Yours very truly, Thernleer

JJT-MRP.

THE UNIVERSITY OF WYOMING OFFICE OF THE FRESIDENT LARAMIE, WYOMING

May 8th, 1919.

Mr. Truman G. Ynncker,

University of Illinois,

Urbana, Ill.

My dear Mr. Yuncker:

I have read your favor of the 1st inst. with interest. I would greatly enjoy going to the herbarium and studying our material in the light of what you have said, but just now administrative duties are crowding me so hard that I shall not be

Digitized by Hurle their interfer Bream tent pocumentation tions that you raise.

Regretting this, I beg to remain,

Sincerely yours,

President

Oven Melson

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

Berkeley, California, May 20, 1919

Mr. T. C. Yuncker, University of Illinois, Urbana, Ill.

My dear Mr. Yuncker:

I have your letter of May 13th with regard to the loan of our <u>Cuscuta</u> material which you have worked over in formulating your ideas about this genus, and we are very glad, indeed, that you were able to find the material sent you of material assistance in your work.

We shall look forward to seeing your paper
Digitized by France heatitutees for Botanical Documentation

Very truly yours,

F. Suriey

University of North Carolina Chapel Hill, N.C.

May 23, 1919. Dear Professor Yuncker. Your letter of May 19 has just reached me. Rugee was right and the hittle braggy Mountains are very near to Ashevice, but just over in the area mapped on the ellowit Mitchell Anadrangle. The Big Graggy Mountains are near to Ewannanoa station of The Western N.C. Railroad (Soulliers Ralway), and the lower ridge to the west is known a detite Glease give my best re-Colling Coll

Digitized by

NORTH DAKOTA AGRICULTURAL COLLEGE

POST ADDRESS
AGRICULTURAL COLLEGE, NORTH DAKOTA

BIOLOGY
H. L. BOLLEY
DEAN AND BOTANIST
STATE SEED COMMISSIONER

June 3rd 1919.

T. G. Yuncker, University of Illinois, Urbana, Illinois.

Dear Sir:-

I was very much interested in your letter of May lst regarding our species of Cuscuta. It was rather surprising to me to learn that the inaccuracies of description were not by any means limited to C. Coryli. You will be interested to know that I believe our material will work out very nicely with your suggestions.

I have delayed replying to your letter thinking to find further time to study the matter but have not done so and I am leaving town for sometime in a day or two.

Sometime ago I became suspicious that the plants which I had identified as C. plattensis were not the same as Digital Nelson's plant because the hosts which he mentions indicate and all entirely different habitat. From your description I judge that it would be most likely to be confused with C. arvensis, being distinguished by the flowers being pediceled instead sessile; I never considered this a very desirable character for use and do not know now just what else would be employed. There are in our collections two, perhaps four, specimens, which very likely agree with his plant. These I had called C. arvensis, but they have more pediceled flowers and apparently smaller flowers than C. arvensis. They grow also on high ground, usually in gravelly places, where introduced species would not be looked for. I am sending fragments from two of these for your examination.

In regard to C. plattensis; I examined the following specimens from Dr. Lunnell's herbarium, which were referred to that species;

Minot, August 20, 1905; Dunseith August 18, 1907; Lake Ibsen Aug. 17, 1909; Pleasant Lake July 28,1912; Turtle Mountains Aug. 27,1912; Jamestown Aug. 24,1913.

One of these, I do not know now which one, was labeled as determined by Nelson. Another sheet was also so labeled but was an entirely different species, and since I have suspected very strongly that specimens which he had labeled as determined by someone were not the actual specimens but simply others which he

T. G. Yuncker - - - #2.

judged to be the same, I have not depended very much upon this. Another specimen was labeled as determined by Fernald as C.obtusiflora a (I believe). At the time I was working upon my paper I was unable to find fresh material of C. Gronovii. There is in our material one specimen which seems to me rather typical. The one which I figured was from preserved material received from Minnesota, probably collected in the vicinity of Minneapolis, although I am not sure. All of the plants which I have found in this locality since that time seem to agree better with my so-called C. plattensis, as illustrated by material which I sent you a year ago. I had also suspected very strongly that perhaps this might be properly referred to C. curta as you suggest, but had not believed them to be C. megalocarpa because none of the specimens I examined have scales agreeing with the description of that species.

OAS-B

Yours truly,

Q. a. Stevens

W.M. H. CROCKER,
President Board of Trustees
W. W. SARGEANT,
Secretary Board of Trustees

GALIFORNIA ACADEMY OF SCIENCES GOLDEN GATE PARK

C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN
Director of the Museum

SAN FRANCISCO, CAL. June 4, 1919.

My dear Jus. Juncker:

I have just returned

from a long exploring trip hence the delay
in replying to your letter's many o.

None and Believe that he even collected any
experiment. I am very glad that my attention
has been called to this as I shall keep
a look - out you a Cuscuta on a Ceanothus
around San Francisco and when I find
one will send to your sincerely thise Eastwood.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

June tenth,

Mr. T. G. Yuncker, University of Illinois, Urbana, Ill.

My dear Mr. Yuncker:-

We have your letter of June 5th, asking that you be sent the citation for two or Mr. Brandegee's species of Cuscuta.

Cuscuta tuberculata has upon the sheet the University number 124474 and was collected on Santa Margarita Island, growing on Boerhaavia, by Mr. Brandegee on March 6, 1889. The other species, C. Veatchii, was collected at Ubi, Lower California, by Mr. Brandegee on May 8, 1889, and Dears the terbarium number 1050664

Digitized by Prenat Institute Toper Bestanical Documentation

Very truly yours,

Assistant Professor of Botany.

J. Suriey

Cambridge, Mars. . 20 June 1919. Mr. J.G. Guncker Dear Friend, In reply to your letter of June 11: Thank y ou for witing Every Illinois man is my friend. Jendose marked copy to answer your inquiry. I mail separately some copies of the rules for distribution in the Department. If they bring a respone in poslage stamps equal to the marked price, the amount will go to war optional with you to charge protose on white paper in any case. yours truly \$63 Slyword

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SMITHSONIAN INSTITUTION

UNITED STATES NATIONAL MUSEUM

WASHINGTON, D. C.

July 28, 1919.

Mr. T. G. Yuncker. University, of Illinois, Urbana, Illinois.

My dear Mr. Yuncker:

Your letter of July 23 is at hand. I am very glad to learn that you are to take up a critical study of the South American dodders. In this connection. could I get you to identify at once the species which I collected in Ecuador this past summer? The material is not in very good shape, I fear, for I find it very difficult to make good specimens in this genus. You have, no doubt, developed some special technique in handling plants of this kind and I would suggest that you send to your correspondents a memorandum stating how to kill the plants quickly and prepare specimens. Digitized by It will sive me great pleasure to send you a dist of entation getting material. You must, however, not expect too much from them. Most of them are very anxious to help but some of them have the Latin American way of doing things: this means long and tedious delays. It may be several days, however, before I can send you this complete list.

Very truly.

Associate Curator. Division of Plants.

Vaples 11 agort 1919 Mr. J.g. Yuneker University of Illinois your citation of Cuscute planiflor lan. in Tenore's Fl. nap. is very correct. The bus capillacers bus quinquefivis Mr. J. G. Juncker ovatis obtusis exsertis basi Alniversity of Jurnow munistis Sty tis, Stigmatibus 525 W. Laginam St Urbana Bansing Ht. S. A. is. Nob. Plantago lanceo Annua. I take this occasion for purposing to you the exchange of neapolitains plant with americans ones. your very bruly h. Cavara

Vaples 11 agosts 1919

Mr. J.g. Yuncker University of Illinois

your estation of Cuscute planiflor Ten in Tenore's H. hap is very correct. The description is the following:

"Puscula planiflore, Carlibus capillaceis floribus glomeratio setsilibus quinquefisis corollis subritatis, lobis ovatio obtusis productis, innis staministus exsertis basi squama perexique bifida ministis sty lis feli formibus divaricatis, stigmatibus conformibus obtusius culis. Nob.

L'ho trovata attaccata alla Plantago lanceo lota; fivrisce in Maggio. Annua.

I take this occasion for purponny to you the exchange of neapolitains plant with americans ones.

your very bruly f. Cavara

New York Botanical Garden, Erous Fark, New Tork City.

August 16: 1919

Mr. T. G. Yuncker

% Professor William Trelease
University of Illinois
Urbana, Illinois

Dear Mr. Yuncker:

Much obliged to you for naming Dr. Rose's

South American Cuscutas.

I realize now that you have not seen the Bahama Cuscutas, and as our material is rather ample, I am sending you pieces of

Digitized by Hunt Institute for Botanical Documentation for your collection and send me determinations by numbers.

Yours sincerely

C.L. Written

Red would you he ho good as to head need a key to the 5 Pulsan sheeies - americana, arriensis, glanduldra - indecara - un he llata furt a horif key, not for Inexent furt a horif key, not for Inexent



Zurich (Switzerland) Botanical Garden, 27-VIII-19.

Dr. J.G.Yuncker, University of Illinois, Urbana

Dear Sir, with the greatest pleasur J shall send you a copy of the original description of Cuscuts epiminum Weithe in a few days time and give you all furtherinformation regarding this species. J have also given order to look in our herbarium if there are any southamerican specimens of Cuscute and if this should be the case, you will get get fragments for your study which interests me very muchWill you kindly remember me to Profess or Telease?

Yours very truly

Hour Sahring

UNIVERSITÉ



DE GENÈVE

S Turtitul Dotamique

FACULTÉ DES SCIENCES

Boury. S. Pierre Genicardo Valari . 80. VM 1919.

Dear do yimoker I sull ty to get for you the copy ofthe gryin Convention of Contato epilines aw of possible the photopyst of the Agree if the is any in the Merkanian of Europe. Deery wheelf in my alpine Robo rolog a the I have mountains, very rear Digitized by Hunt Institute for Bosenical Bosensentation hol all at this mount to you the rejences informations. But al my return, in the out of the month of Sapteator your shall resur de informations and motiviely Collector a south amarina. Tof Dangio, ours Preto, Minas

Bazil.

Notten, Montrid co Mener of oval History.

Ref Hansmann Ment.

Estucte de Aprisoction

Breenor Agres.

(. Portor. Pef Dalparairo

Chile.

you can pri suy nouse os enfreune

1 senor shes they will do ther tool to

collect for your the Centrate of ther the

cil region.—

Jour collections you hade have

also sucheil out photograph.

Plasse present to Pef Teloane suy

bes region out felior com

your. Day tong

N. Chodaf.



Zurich (Switzerland (Botanic Garden, 3-IX-1919.

Dr.J.G. Yuncker , Botany Departement of the University of Illinois, Urbana , Illinois.U.S.A.

My dear Sir , to find the Arch. d. Apoth. VIII (1824 igenore difficult than J thought, but still J hope to get one of this days the copy you want me to send you You might be quite sure that J will nat give up.

Of south american Cuscuta spec. we have in our herb. C.Popayanensis H.B.K. (Buchtien 133) from Bolivia.C. grandiflera H.B.K. (buchtien withour number) from Bolivia , the same species, also from Bolivia , leg. Miguel Bang, No. 1304 , C. species from Chili, leg. Fie Fierz, C. spec. ,leg. Mayor, from Columbia (= C. ameicana L. ?). Let me know what you wish to get, J will then send you samples. Yours very truly

Hormoshing



Museum GEORGETOWN,

BRITISH GUIANA.
Sept. 4 1914

Prof. J. G. Yuncker

Here bis In reply to yours I herewith. Indow specimes of the only Curenta I have found here. It is plentiful at times on those thick-leaved plants which grow on the shore above highwater such as Alternanthera Sicoidea, Servien Portulacistium a Heliotropium

Digitized by Hunt Institut Ever vicunani Lahare seem Curcuta in Englas on clover with The week it leaves behind, but have not noticed such destruction among there recealent plants here. I have tried of the species Ryons truly

Cureter of museum

Hew York Botanical Garden, Brons Fark, New York City.

September 5, 1919

Mr. T. G. Yuencker

% Professor William Trelease

University of Illinois

Urbana, Illinois

Dear Mr. Yuencker:

Here is a <u>Cuscuta</u> from the island of Tortola which you might care to have for your collection. Please tell me what you make of it, and much oblige

Yours sincerely

Digitized by Hunt Institute for Botanical Documentation

Director-in-Chief

DEPARTEMENT VAN DEN LANDBOUW.

Paramaribo, 9th September 919 .

39 777

BIILAGE.

To

Mr. I. G. Yuncker

University of Illinois 209 N.H.Bldg. Botany Department

Urbana (III)

Dear Sir.

Referring to your letter of August 12th I have the honour to inform you that there are no specimens of Cuscuta(C. AMERICAN) in our herbarium in Paramaribo now; the spe-Digitized by Hunt Institute cimens we have collected naverbeen sent ton HOLLAND (Prof. Pulle, Utrecht).

> I will try to get some other specimens of Cuscuta, which I will forward to you as soon as possible.

Aan

Yours Truly,

gerold Habel. den Heer Director of the Agricultural Experiment

Station,

New York Botanical Garden, Erons Fark, New Jork City.

September 15, 1919

Mr. T. G. Yuencker

Department of Biology

De Pauw University

Greencastle, Indiana

Dear Mr. Yuencker:

Thanks very much for your identifications of West Indian Cuscutas which we received in this morning's mail. We shall be pleased to send you also South American Cuscutas from time to time as we happen to have them for identification.

Please accept our congratulations on your new position at

Digitized by Hunt Institute for Botanical Documentation

Halsleason

First Assistant

19.IX.1919.

DIREKTION

Botanischen Gartens

Botanischen Museums

Universität Zürich

Direktor: Prof. Dr. HANS SCHINZ

Dear Sir .

Jam very happy to be able to send you enclosed the copy of the original description of Cuscuta Epilinum Weihe.

Some time ago J sent you a postcard letting you know what specimens of southamerican Cuscutas we have in our herbarium asking you to tell me know of which one you would like to get samples. J hope to get your answer yoon.

J shall always be with pleasur at your or your friends disposit ion.

Yours very truly

Hours Sching

J.G. Yuncker Esq.

Betany Depart. of the University of Illinois
Urbana, Illinois
U.S. of North America.

Michigan Agricultural College

EAST LANSING

September 22, 1919.

DIVISION OF SCIENCE AND LETTERS
DEPARTMENT OF BOTANY
E. A. BESSEY

Mr. T. G. Yuncker, DePauw University, Dept. of Biology, Greencastle, Indiana.

My dear Mr. Yuncker:

The specimen of dodder on ragweed was sent in for identification by Miss Sabra Elliott Wagner, 703 South State St., Shelby, Michigan. I have written to Miss Wagner for additional specimens and more information about the dodder, but as yet have not heard from her. I shall write to you again when I hear from her.

Very truly yours,

With kindest regards,

Michigan Agricultural College

EAST LANSING

September 29, 1919.

DIVISION OF SCIENCE AND LETTERS DEPARTMENT OF BOTANY E. A. BESSEY

> Dr. Truman G. Yuncker, Dept. of Biology, Be Pauw University,

I was at Ann Arbor Saturday at a scientific conference, and at its close I visited the Botamical Department. Professor Bartlett asked concerning you in relation to the Botamical Society of America. We filled out a blank recommending you for membership and in due course of time you will receive a statement from the treasurer asking you to fork over \$5.00. I urge that you take membership in this society, as it allies you with the other botanical workers of the country, as well as giving you the American Journal of Botany. I was at Ann Arbor Saturday at a

Digitized by Hunt Institute for Botanical Documentation to you, could not find any further specimens and can furnish no further information concerning it.

With kindest regards, Very truly yours, T. A. Bessy Professor of Botany

RICHARD M. HOLMAN

WABASH COLLEGE DEPARTMENT OF BOTANY CRAWFORDSVILLE, INDIANA

10/6/19.

Mr. Truman G. Yuncker Department of Biology DePauw University Greencastle, Indiana

tiles A. M. Mine.

My dear Mr. Yuncker:

I was very glad to have your letter of Oct. 2nd. in which you inquired in regard to the dodders in our herbarium. We have here about twenty-one sheets of Cuscuta. According to the labels, these represent eight species. Only three of these sheets seem to be of Indiana plants, and these are labeled glomerata and Gronovii. We should be very glad to loan you any or all of these sheets for any reasonable length of time. We should be also very glad to have you visit our Department whenever you can find time, or to call on us if we can be of any assistance to you in the matter of botanical Literature.

You inquired in your letter relative to the use of a manual in elementary Botany. I have never by a letter of the property particle of the property of the pro

I hope that I may have the pleasure of meeting you soon and that you will permit us to be of help to you in any way possible. With kindest regards,

RMH/S.

Very sincerely, yours,

Richard M. Holman

Geneva, October 6th, 1919.

Herbier Boussier

J. G. YUNGKER, Esquire.

URBANA (Illinois) ..

Dear Mr. Yuncker,

I am sending you today a set of 40 exemples of the Genus Cuscuta from the Herbier Boissier and 51 from the Herbier Général. Will you be so kind to put the names on the North American species. For the original description, you should address you to the library of the Ecole de Pharmacie in Paris where so I am informed, you will find the Archives d. Apoth. vol. 8, 1824.

For this book is not to be found in Switzerland and prof. Tschirch in Berna informs me that probably this review will be found in Digiti Paris by Hunt Institute for Botanical Documentation

University of Scient A Suscerland

(Facility) of Scient Sc

Geneva, October 6th, 1919.

INSTITUT DE R TAMQUE

J. G. YUNGKER, Esquire.

URBANA (Illinois) ..

Dear Mr. Yuncker,

I am sending you today a set of 40 exemples of the genus cuscuta from the Herbier Boissier and 51 from the Herbier général. Will you be so kind to put the names on the North American species. For the original description, you should address you to the library of the Ecole de Pharmacie in Paris where so I am informed, you will find the Archives d. Apoth. vol. 8, 1824. For this book is not to be found in Switzerland and prof. Tschirch in Berna informs me that probably this review will be found in Paris. Hunt Institute for Botanical Documentation.

Yours very truly,

Refor N. Chodal



Digitized by Hunt Institute Cruston School Report of the Part of t

Dr. F.G. Yunker,
ta Dept. Botany mentation
Be Sauw University

Greencastle

Zurich (Switzerland), Betani Garden 14.X.1919.
Dr. F.G.Yunker, Dept. Betany, De Pauw University,
Greencastle, Indiana .-U.S.A.
Dear Sir, J received yeur pestcard dated 9/24 /1919
and J hepe yeu have received the cepy of the description of C. Epl. Yeu asked me. Please met me knew.
J shall send yeu fragments of the american Cuscutas we have in our herbarium and J shall be very much pleased if you let me have fragments of your owhn cellections in exchange.

Haus Sching

Yours very truly

Zurich (Switzerland) Hetanic Gareden, 16-X-19.

Dear Sir, J sent you today samples of the few south american species of Cuscuta we have in our herbar ium and J hope they will reach you in good order. J shall thank you very much for a copy of your study on Cuscuta and on other botanical subjects and also for any plants you can send us.

Believe me dear Sir Yours very truly

UNIVERSITÉ INSTITUT BOTANIQUE HERBIER BOISSIER

GENÈVE. 1.20 Oct. 1919

DIR. R. CHODAT

LA LINNEA

Dardin botanique alpin à Bourg-St-Pierre (Valais) (1700 m. alf.)



num you

veaux

Dr J. G. Yuncker Esq. 18. 18 not

in good

Institut de Botanique, Université de Genève

Date du timbre poste.

Veuillez recevoir mes meilleurs remerciments pour votre envoi et agréer, Monsieur, l'assurance de mes sentiments distingués.

LE DIRECTEUR.

UNIVERSITÉ INSTITUT BOTANIQUE HERBIER BOISSIER DIE R. CHODAT

GENÈVE. 1.20 Oct. 1919

Dear Sir

Here you have the description of Cuscuta emilinum you wantedand wich I owe to the kindness ofMr. Dorveaux bibliothécaire in the Ecole de Pharmacie , Paris, You wil see that the reference in the Kew Index is not accurate.

I hope that the Cuscuta have reached you in good

Digitized by Hunt Institute for Botanical Documentation

Institut de Botanique, Université de Genève

Date du timbre poste.

Veuillez recevoir mes meilleurs remerciments pour votre envoi et agréer, Monsieur, l'assurance de mes sentiments distingués.

LE DIRECTEUR.

nehoday

October 20, 1919. Urbana, Illinois.

Dear Mr. Yuncker:-

Thank you for letting me copy the description of C.Eplinum. I return Schinz's letter. I have cited the publication in its full title, and have noted type locality as probably near Minden in western Germany.

Digitized by High Institute for Botanical Documentation

Very truly,

My alase.

Professor T. G. Yuncker, Wood Street, Greencastle, Indiana.

Hore fre by goods to Figure Sching.

WABASH COLLEGE CRAWFORDSVILLE, INDIANA

October 29, 1919

Mr. Yuncker, Department of Biology, Depauw University, Greencastle, Indiana.

My dear Mr. Yuncker:

I am having forwarded to you today by parcel post 22 sheets of Cuscuta from our herbarium here. These are all the sheets which we have. I hope that you may be able to use them. As to their return I wish to ask merely that they be back in our hands before the end of the college year. If you need to use them later we shall be glad to have you borrow them again.

With kindest regards, I am

Digitized by Hunt Institute for Botanical Documentation
Ruhad M. Holman

Professor of Botany

Professor R. M. Holman, Crawfordsville, Ind.

Dear Professor Holman:

I am returning to you today the sheets of Coscuta materials that you sent me sometime ago. I have taken the liberty of indicating on the sheets my determinations. I trust that this is in accordance with your wishes.

I assure you that I appreciate your courtesy in sending me these sheets and hope they arrive at Crawfordsville in perfect con-

Digitized by Hunt Institute for Botanical Documentation
If at any time I can be of any aid to you please do not

hesitate to call upon me.

Sincerely yours,

Guayaquil, Decr 1019.

Professor 7. G. yuncker. De Pauw University. Indiana

Dear Pri

yours of the 31th October to hand. I am compared by the Deader on Currents family, here having met will the Deader on Currents family, here having met will it in hingland, although I think I have seen one on two species from in the Sugar came field, here I will look out for there hext time I am in Digitified by with Deader to the formation of the seeds. I have no collection or herbarium myself. I am cleo writing up to some friends at the Semanario mayor and 2 with asking them to both out for

any species they may have around here.

Projesson J. G. Yuncker
Department of Biology
525 W. Saginaw Street microsty
Lansing Greence the Indiana
Michegon Estados Unidos
90 C. E. Clastin

Guayaquil, Dec 1019.

Projessor 7. G. yuncker. De Pauw University. Indiana

Dear Pri

yours of the 31 - October to hand. I am importunately quite unaequainted will the Dodder or Euscuta family, never having met with it in ling land, although I think I have even one on two species growing in the Sugar came fields here I will look out for there hext time I am in the country Institute Ding Bang will find the flowers, we plant, I some of the seeds. I have no collection or herbarium myrely. I am also writing up to some friends at the Semanario mayor at 2 with asking them to both out for any species. They may have around there.

The Surcertly your all surgests you family surgests they may have around there.

\$55, 150

CHAS. C. DEAM

JAS. P. SPIVEY

DEAM & SPIVEY

DRUGGISTS

WALL PAPER AND PAINTS

BLUFFTON, INDIANA

Dec. 9 1919

Prof. T. G. Yuncker,

Greencastle, Ind.

Dear Dr. Yunckder: - Last Friday when you read your paper on Cuscuta, I was very much interested, and I tried my best to get in touch with you, but I was not able to do so.

Cuscuta has always been a puzzle to me, although I Lave
not done as much with the genus as I should. I just

counted my sheets, and I find I have XXX 39 sheets in all
Digitized by Hunt Institute for Rotanical Documentation
of all species for Ind. I have collected in all parts

of the State, and I have almost as many sheets undetermine as I have mounted. The undet.material is stored or I would offers a duplicate sheet for you for the work of determining, but I can not get at them. I would very much like to have your key to the genus, so far as Ind. species are concerned. If it so not asking too much will you kindly at your leisure send me a copt. It will be two years before it is accessible in the Proc. of Acad When I get at my stored material I shall be glad to send you duplicates of what I may have if you are interested.

I am very respectfully yours,

Chas C Dean

DEAM & SPIVEY

DRUGGISTS

WALL PAPER AND PAINTS

BLUFFTON INDIANA

Dec. 21 1919

Prof. Truman G. Yuncker. Greencastle . Ind.

Dear MR. Yuncker: - I have taken the time to go through my material and sort out the Cuscuta. I find I was mistaken as to the number I had, and also as to having collected duplicate sheets of each. I guess I dispared of ever finding any one who would named them for me, so I quite collecting and collected only one sheet of each. If I get into the field again, and if you will name my material for me, I Digitized by William Institute the Ruke of a character and a mentation

I have marked some of the sheets to keep all. The oxther sheets I send you all I have. In the event you care to do so I wish you would divide the sheets and return me a part in order to make a county record.

You may not know, but I am working on a distribution of the plants of the State. I hope in time to publish a flora of the State. In my herbarium I now have over 37,000 mounted sheets. I have repeated Wisited every county and have plants from every county in the State, and have worked the real botanical areas pretty well, having 300-to 700 from a county.

Well I hope to have a chat with you at St. Louis, if I do not recognize you you may recall me, so do not hesitate to hail me. I am very respectfully yours, Char Chean

Mr. F. J. Yuncko, Greencaste. Fear Mr. Yumcher: Your letter of Oct. 18th has come only a Via Toname . The son La Tay and you wish, I could put ap 10 prod Chile. His not gry completely or only Separtment of Biology, Jann throwing thou are only 20 named Tolands, Thom North Amisin Doct mentation Digitized by Hunt Institute for Botanical EE. UM. de Norke America Tobonot know if clierà some not name That may be 8 to ten in you will send back to me my collection. As generally the samples are not no very small you may stoy with a part of these for which you have especially interest.

I have resigned on a count of the war my position

do director of the National Museum, my direction week be always the same (La Pag, Gasilla 292), when Totay abroad Mr. T. J. Yuncker Greencaste.

Jean Mr. Ynn cher:

few days ago into my hands, as I was absent from La Paz and shall be no some months more.

You ask for Eurou to material and if you wish, I could put at your disposition that family of my herbary completely or only the american species or only from Bolivic and Chile. His not a large collection, I have respecting anount then are only 20 named species, Pare from Europe 3 from this, 16g named Solaming From Chile. Best des of these I have

from y any collections made in this and Bolisis some not name samples, but as they move have been studied I do not know if there are interesting ones among them. That may be 8 to ten Write me what you will have, but I rection you will send back to me my collection. As generally the samples are not so very small you may stay with a part of those for which you have especially interest.

Thave resigned on a count of the was my position do director of the chation I Museum, my direction well be always the pame (La Paz, Basillo 292), when Tetay above

my representative at La Paz sends me my correspondence.

I think, I shall not return to La Paz before April, and
only the I could remit to you the buscuta species from your
like to see, but write me soon, of you will get all or only
the Touth Amirean species.

If you have the opportunity, please present my hims
regards to Mr. Pore, for whom I have some bacters from

If you have the opertunity, please present my kind regards to Mr. Per, for whom I have some bactus from the high region of the Andes (4300 m.) Expecting your answer, Jan

Very truly yours

New York Botanical Garden, Bronx Bark, New York City.

January 2, 1920

Professor T. G. Yuncker

DePauw University

Greencastle. Indiana

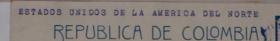
My dear Professor Yuncker:

On returning from Florida after an absence of a month, I find your letter of December 15th.

We are going to have a conference relative to the preparation of manuscript for North American Flora during the next couple of years, and after that is held I will be glad to make you a suggestion

as to some family or families which you could handle. funt Institute for Botanical Documentation

Director-in-Chief



TARJETA POSTAL
UNITED STATES OF AMERICA

Señor Mr A . G . YUNCKER

PROFESSOR OF BOTANY, -- DEPARTMENT OF DePAW UNIVERSITY -- GREENCASTLE

INDIANA

BOGOTA LE 17 JANVIER DE 1920 MY DEAR SIR.

I HAVE RECEIVED SOME DAYS AGO YOUR SPANISH LETTER, ASKING FOR "CUSCUTA" -- IT SHALL VERY PLEASANT FOR ME, TO &
SEND YOU SOME SAMPLES, BUT NOT YET, BECAUSE I HAVE ONLY
SOME ONES OF A SPECIE COLLECTED RECENTLY ON A BUSH, -IN SAINT ORISTOBAL, NEAR BOGOTA -- I WILL/ROT MONEY FOR
THESE SPECEMENS, BUT IF YOU HAVE PUBLISHED SOMETHING
ABOUT CUSCUTA, WITH PLEASURE, I RECEIVE YOUR WORKS. --

FROM YOU. - I REMAIN

YOURS TRULY

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

January 8, 1920.

Professor T.G. Yuncker,
Depauw University,
Greencastle, Indiana.
Dear Sir:

The package of Cuscuta was duly received in good order and I am very glad to have your determinations. At any time I can be of service to you in the matter of California Cuscuta I trust you will not nee

Digitized by Hunt Fally interest or Botanical Documentation

W.L. Jepson

WLJ:R

Professor of Botany.

DEPARTMENT OF BOTANY

Stanford University, California, January 19, 1920.

Mr. T. G. Yuncker,

Greencastle, Indiana.

Dear Sir:

Under separate cover I am sending you a copy of the only paper on Dodder, which I have left, together with copies of some other things which may possibly have some

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With all good wishes, believe me,

Faithfully yours,

GJP::MB

MUSEU GOELO,
(MUSEU PARAENSE)

(MUSEU PARAENSE)

De Historia Natural e Ethnographia

899-CAIXA POSTAL-899

PARA' — (Brazil)

Tref. dr. J. G. yuniher, Greenrastle.

Lear siz:

Sopened your letter of Nov. 10th 1919, being for the time at the head of the yould huseum. We have no botanist just now, as Dr. J. Harber view in February 1914 and Ur. Swithe, his surressor teff us for Rio de Jameiro. I myself am

Jara, Jan. 29 1 1920.

Digitized by Hunt Institute to Both for into the interior of the state of the state of for your some samples of Custoute which It alline we have in our herbarium

and send fleen to gan, if it is not too late. I shall be bait at the beginning of March probably. Will you please send me a line to easy if you still wist's for the succimens then. Believe an

yurimens then. Believe and Gulli (Gulli).

New York Botanical Garden, Bronx Yark, New York City.

January 31, 1920

Professor T. G. Yuncker

DePauw University

Greencastle, Indiana

My dear Professor:

With reference to North American Flora, I would say that we are hoping to get the first part of the volume which commences with Convolvulaceae ready to print in 1921. Dr. House expects to have the manuscript of that family completed by the end of this year and Dr. Pennell is commencing work on the Polemoniaceae.

Digitized by "Houtributesthe Guecuto Temberian by the Bricanh beflation

Yours sincerely

Director-in-Chief



Zurich (Switzerland),13.II.20.
Professor Dr.J.G.Yuncker, Depauw University,
Greencastle, Indiana.

Dear Professor Yuncker, J received yesterday your I
kind letter and also the samples of american Cuscuta's you kindly sent me and for which J thank you
very much indeed. Jf J happen to come across south american Cuscutas J shall certainly not forget you Believe me please, Yours very truly

Wang Sohing

Prof. Dr. Hans Schinz Botanischer Garten DE ZÜRICH BO

SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON, D. C.

February 17, 1920

Professor T. G. Yuncker, Depauw University, Greencastle, Indiana.

My dear Professor Yuncker:

Your letter of February 3 came duly to hand and I want to thank you very much for sending me the information regarding Dr. Buchtien to whom I am now writing. He is a very good friend of mine and is an excellent botanical collector. I trust that you will be able to obtain some very

Digitized by Interesting stitute of the Botanical Documentation

In this connection you will be interested to know that I am planning a trip to eastern Brazil and Argentina this year, and if you have anything which you wish me to do in the way of collecting dodders I shall be very glad to do so.

Very truly,

Associate Curator,

Division of Plants.

Dent Fit!

your letter, dated March 1. reached me a few days ngs. I have myself no unterial of Two casta from word ph - America on my herbring is only consisting of trehists from all parts of the world, of which family Dan making and mozonphie itily. Fince Form pully is usles Digitized by Hunt Institute for Botanical Documentation grapher, to be assisted in his studies from ollrowner possible, I have at once spoken with Prof. Viels of nor large Bestin- Herberring ornol he has consended, to get your send samue bits of all the idudetermined American Sus, enton for our out herbaring you will be orble, to receive very valianble material soon. you write: Ishall be very glass to reci por ente with any thing, that you may would from Alis port of the country orner that I can seed se por your " It your will do me

30. March 1781. or pervoids in return, you can easily do or, if you would be kind envigh, to send in her bari wim - specimens of the different Just un - Orchids or of my other American Or chids. If in your Herbarian there should be any underservined froziveal American Vrehiols, I worded gladely winderente the determination. I have just begin to just hish conquilations of the different orchidflores of the Youth American bordillen & The parts I and To decreasely or will. loubin have appeared allready, grants tel. IV. and I (Generalor Tead and Bolivin) a in preparation. Hopeing that my hely will that some out for ordealle to the friethering of y your insended monograph, 3 som with best winker Tincerely yours R. Tohlester. and applying which and have her by the course had been a loved som seed a for good " If you will do

UNIVERSITÉ
INSTITUT BOTANIQUE

HERBIER BOISSIER

DIR. R. CHODAT

GENÈVE, le 13 avril 1920



UNIVERSITÉ INSTITUT BOTANIQUE HERBIER BOISSIER DE R. CHODAT

GENÈVE, le 13 avril 1920

To J. W. Yuncker , Prof. of Botany

Department of Biology, De Pauw University Greencastle Indiana.

Dear Prof. Yuncker

I have received in very good condition the specimens of Cuscuta through the Legation of Switzerland in Washington.
We are returning to you your receipt, and I beg to thank you on abount of the IO specimens that you have kindly, given to the Herbier Boissier .

very sincerely yours

BOTANISCH MUSEUM EN HERBARIUM VAN DE RIJKSUNIVERSITEIT LANGE NIEUWSTRAAT 106.

UTRECHT, May 25 , 1920.

No.

Prof. Dr. T.G. Yuncker, Greencastle, U.S.A.

Dear Prof. Yuncker,

In reply tot your letter of Febr. 23th I am sorry tot tell you, that among recent collections from Suriname, there are no specimens of Cuscuta. I enclose here fragments of the specimens from Suriname with copies of the labels, and I add also fragments of the material from the Dutch West Indian Islands. I intend to go to Suriname within a month. When I happen to find Cuscuta's, I shall collect specimens for you.

Digitized by Hunt Institute for Bertanical, Dursumentation

A Talle



It some loof, gion this;

Many though for your letter dented It. chang which
were thest ine yes terday. The specimens of the Or
chits then i good for worked I expect with interist
thinks for these too. It will however, take yet 8-10
weeks watill they will be in my honds, arrives
son as proposed from unerica to Burrye take me
under time, To must yord get somebody to collect
for me Orchid-specimens from Indiana? Berila
send in exchange officer a plant, I hope you
will find some interesting things or mongst
the Filosoft of form over Berlin-Rebonium.
Hogsing to have from yord ong esin, I am, all

Dr. J. G. Ynneker Green carte

Dear Dr. Ynneker:

That I have mailed yesterday a package with 24 samples of buscuta to your direction, and as the post-official has promise me to sond inamediately, no I hope the package will get interposer hands at the same time with this letter. I add the list of what I sent, all is for your own collection, I hope the size of the samples will be sufficient.

To found in any big herbargum but I sent two from Pertugal, which I collected there and I think thy will be somewhat vare. Which of all my othe collection you get sample. There are provided with name and Jask you the fover to give me the right name, if you will find wrong any calls classification, principelly Johne like to get the names of the not do named specimens.

Hyou would make me the pleasure of sending me some buscute for my own helerium, which I do not possess, I should be very glad.

If any betainist, you know would like to study a South-American group or family, direct him to me. Jam a levery disposed to put a his disposition my collection, as I get by that way a good classification. My herbassesm of all the world compress some twenty-sin thousand different species.

Aimes that Joume back from the interior of Bolivie The raining him

August 22, 1920.

Dr. Otto Buchtien,

La Paz, Bolivia.

Dear Doctor Buchtien:

Enclosed you will find fragments of a few North American species of Cuscutae that I thought you may not have in your collection. These specimens are small. I do not ordinarily retain in my herbarium very large specimens of Cuscuta for small ones doe just as well, and also, I have divided my specimens on different occasions so that there is not, in many cases, very large specimens left. However, I believe that the enclosed will be sufficient for study and trust that they may reach you safely. If not, avise me and I will make another try.

We have had beautiful weather this summer and all of the crops in this locality are in excellent shape. With best wishes to you and yours, I beg to remain,

Sincerely,

(T. C. Yuncker).

was this year so strong, that it was quite impossible to me to eroso the Gordiller. By their bod roads.

Jam, dear Sir,

Dr. Ott Buchtien.

Royal Botanic Gardens,

Kew, England.

September 25, 1920.

Dear Sir,

The four specimens of Cuscuta to which you refer in your letter of August 31 are in the Kew Herbarium, but each is extremely fragmentary, and for this reason no material of them was included with that already supplied. I am now sending a flower or two of each and trust that these will prove sufficient for your purpose.

Digitized by Hunt Institute for Botanical, Documentation

D. Prain

Director.

T. G. Yuncker,

Department of Biology,

De Pauw University,

Greencastle,

Indiana, U. S. A.

SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON D. C.

November 2, 1920.

Mr. T. G. Yuncker,

Department of Biology,

DePauw University,

hesitate to ask us for assistance.

Greencastle, Indiana.

Dear Mr. Yuncker:

The box containing the 42 specimens of Cuscuta

from South America arrived safely a few days ago, and,

upon checking up our records, we find that all of the

sheets have been accounted for. We are greatly

Digitized by Hooliged to you for annotating the material so care entation

fully, as a consequence of which its value is much

increased. If we can be of any further aid to you

in your work upon this difficult genus, please do not

Very truly yours,

Assistant Curator,

Division of Plants.

THE DEPARTMENT OF CONSERVATION

STATE OF INDIANA
DIVISION OF FORESTRY
INDIANAPOLIS

CHARLES C. DEAM

Fluffton, Ind. Nov. 11 1920

Prof. Truman G.Yuncker, Greencastle.Ind.

Dear Prof. Yuncker, I am pleased to acknowledge receipt of the list of determinations. Many thanks for such a prompt reply.

I am glad to know that the one peculair species is C.cuspidata and of course new to us. My curiosity was enough, that I tried to identify it, and that is what I made it, but because the range was given as the West, I just concluded I did not know a Cuscuta

Digitized by Hunt Institute for Botanical Documentation
I note what you say about the abberrant form of Couspidata,

and will say that the locality of this number is very accessible and more material is needed or later observations needed it can easily be reached and more gotten if I chance to be in that area again in season.

No hurry about list of mosses, for I may never be able to get them named, I mean to attach names to my sheets. Well I hope to see you in a few weeks at the meeting of the Ind. Acad. Sci. and then I hope I may have a chat with you, and later at Chicago.

I am very truly yours,

Chas. C Deam.

Chas Cheau.

Parke, Davis & Company,

Detroit U.S.A. Walkerville Ganada, Hounslow, Eng. Lydney Australia.

Home Offices and Laboratories,

Cable Address Parkedave.

Detroit, Mich., December 1, 1920. Scattle

WHEN REPLYING PLEASE REFER TO BOTANICAL DEPARTMENT

> Prof. T. G. Yuncker. Department of Biology. DePauw University. Greencastle, Indiana.

Dear Professor Yuncker :-

I have just returned from several days absence from the city and find your favor of the 22nd Digitized by Cuscuts from Michigan. Of Digitized by Cuscuts from Michigan.

> I have collected specimens of this genus occasionally, but have never studied them and have not identified them.

I am, however, sending you with my compliments, specimens of those I have collected. I shall be very much pleased to have you name them for me and let me know what they are at your convenience. Hoping the package will reach you in due time, I beg to remain.

Yours very truly, Oliver a. Francell OAF MB specimen and it records me that they may be c. americana (c. gronovii), c. Polygonorum, + C. Cephelanthi.

Quito, dec 11th 1920 Graf. T. G. Juncker. De Paux University. Greencestte When coming to beneator a given ago Thread from Dr. F. Goting, american consul queral in Grayaquil that you were working on a monograph of the genus Curenta and liked to her some south american of exics Indes I have found four opening of Cusents which I send you some afacionens of Perhaps two of them are in . Of. but as I have very few botained books out here I still don't know if Heyreally are or not. I send you the following species: 16. 287. Cuscuta faction H. N.K.? Parasite on defferent flants. Very common in the height of 2500 -Jooo un. Collected on Prehimbe wan quite Jebr. 1720 Nr. 594. (. pyenansea: On rifferent plants. Collected at lataringa (2800 m) mai 1920. Nr. 908. 1. sp.? Stew redder yellow, flowers pale white parasite on Kedystis cricoids. Collec

ted near Otavalo (2600 m.) ang. 1920 Nr. 924. N. sp.? Flower white; pareits on orffer plants. Callerted at Perituela, Cotacachi ((2400 m) aug. 1920. If you want work informations or samples of the species, please send your letter to Stockholm, be Cause I am leaving for Leveder in Januar west Sincerly yours Four A. Holmgrew Ph. S Digitized by Hunt Institute for Betaile an Digitized by



Jean Dr. Efwarke !

"Your parcel with the 38 of perimens of ordivolene hars notely senches we in July and to have at me a mark the select the se cight, they letter from July 27th then will have got lost, I hope to be orble to retirm the openimens soon, at present the Sorce-Post to M. America from here is a sorther complicated afform, & amost you get me some

Jan. 10, 1921.

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

My dear Dr. Yuncker:

Many thanks for the reprints of your papers on Custuca and also the one on the Mosses of Indiana. The latter was of special interest in that one of my students is now working on the mosses of Nebraska. She was very much interested in comparing her list with yours. There has always been a feeling here that there were few mosses in this state. I became suspicious as to the number of species though of course individuals are not abundant. This student who is working on them is finding that she is having a much larger job than was supposed. She has found a few forms that have never been reported from the United States before and in these cases her Digitized identification is probably correct as it has been checked by Grout for the Plaurocarpous forms and by Holzinger for the acrocarpous forms. Her work so far has only been in a limited area in the eastern part of the state. I am sure that the north eastern and north western parts of the state will add many more species when collections can be made there. No one has ever given any serious attention to mosses here before and I believe the list is going to be an interesting one when completed.

All goes on here in much the usual way. Everyone is well and very busy because our classes are larger than ever, especially our advanced students, - that is, I mean research students.

With best regards, I am

Yours very truly, Olda R. Halker

ERW: HD



SEORGE G. BOOTH, PRESIDENT NN. E. SCRIPPS, VICE PRIST & HANDING DIRECTOR 1.5. SCOTT, TREAS & SEN, MANDER C. BILLINGTON, SECRETARY

THE DETROIT NEWS

PUBLISHED DAILY AND SUNDAY BY

DETROIT, MICH.

February 2, 1921.

Dr. T. Z. Yuncker, De Pauw University, Greencastle, Ind.

Dear Dr. Yuncker:

Your letter of January 10th has been on my table ever since its receipt, awaiting a time when I could munt up my specimens of Cuscuta and send them to you. I finally "just took time" last night and am sending the package to you by parcel post today.

I have not had time to give it attention for the last three years and my material for 1918, 1919 and 1920 is still tied up in packages. I manage to do quite a bit of collecting during the summer but my work at the office during the winternis so strenuous as to leave no time for herbarium work. This condition was brought about with the advent of the Income and Excess Profits taxes, the return of three large corporations and several individuals being in my charge. The preparation of these reports comes at a time when in the past years I have usually done a great deal of studying evenings on my summer's work. However, I am in hopes that this condition will not last always and that I shall be able to get down to work in botany again in the not distant future.

As a consequence of this neglect I am not sure whether I have sent you all of the material I have on hand. I was under the impression I had a specimen which I had positively identified as C. Coryli but I have been unable to locate it. The one I have marked with a (7) I collected late in the fall and I did not feel at all sure of it. If you care to keep any of the material other than the mounted specimens, you are welcome to do so. I shall be glad to have you return the plants to me at your convenience together with any comments you may care to make. I shall be glad to send you any specimens I may collect in the future and It will be a satisfaction to know that my material in this group is correctly named.

CB-McL.

Yours sincerely.

C. Billington

Michigant Agricultural Cullege

DIVISION OF SCIENCE AND LETTERS
DEPARTMENT OF BOTANY
E. A. BESSEY

February 7, 1921.

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

Dear Mr. Yuncker:

Regarding your inquiry of February 3rd--you are right in assuming that the dodder I sent you was collected in the garden of Christian Breisch of Lansing.

The specimens you returned were received today in good condition. If there is any way we can help you further in your work we shall be plased to do what we can.

Very truly yours,

N.T. Sarlington

Digitized by Hunt Institute for Botante To Continentation



The First of formerly & solars sold on process of the sold of the solar of from Solar of from Solar of from the solar of the solar of the former of the former of the former with one chief-specimens. The latter will return shortly, when swill have to desperted on mother panel to the Eluited Thates we have to pay here for wool a some orbinit 30 thanks formerly & solars 50 cts or mine out it souther to make the parelle is sent off, I will let you know

NORTHERN NORMAL COLLEGE MARQUETTE, MICHIGAN DEPARTMENT OF BIOLOGY JOHN N. LOWE, PH. D. February 21, 1921 Prof. T. G. Yoncker.

Greencastle, Indiana.

Dear Mr. Yoncker:-

Your letter of January 10th was mislaid and naturally the delay in replying.

I have tried to find a trace of some dodders in the
Upper Peninsula but so far have been unable to locate any
myself or any competent botanist, but will endeavor to get
in touch with several county agents in this region and, probably, will be able to get some material. I am also asking
the director of the Upper Peninsula Development Bureau to
try to locate some for me. As soon as the material comes
in a shall forward little for Botanical Documentation

JNL/LK

Very truly yours, Lawl



Dear Sit: Received your treatise on Cusenta. Think well of it, glad to get it. Have I amything I want for good to get it. Have I amything I was for your cusental both herb. Un. of nebs. and friends for your determination and strategy. I note I am mentioned for two species, I presume from specimens I sent to mo. Bot. Gardens, years ago. On hage 75 I notice a specimen credited to Hopeman. (nebr.). It should be Hapeman — an "A" instead of an "O". I notice the same mistake in the index on p. 127.

Yours J. Fritzpatrick Station A, Lincoln, Nebr.

KENNETH K. MACKENZIE
ATTORNEY AND COUNSELOR AT LAW
27 WILLIAM STREET
NEW YORK

March 15th,

1921.

Prof. T. G. Yuncker, DePauw University, Greencastle, Ind.

Dear Dr. Yuncker :-

Yesterday I received copy of your paper on <u>Cuscuta</u> which I have looked over with a great deal of <u>interest</u>. You are to be congratulated on an excellent piece of work.

By the same mail it so happened that I
Digitized received a copy of a reprint of Rafinesque's Annals of Imentation
and Cuscuta acaulis. Comparing his descriptions with
yours I was left with no reasonable doubt about both of
these names being applicable to Cuscuta glomerata.

I note that you cite specimens of Cuscuta cephalanthi Engelm. from New Jersey. The collections are those of Canby and Engelmann, and I imagine are the same specimens cited by Britton in his New Jersey Catalogue from Quaker Bridge. I would like very much to know whether you feel sure of the identification of these specimens. No specimens of this species have been found in New Jersey of recent years as far as I know, although there has been a very great deal of collecting in the State. New Jersey botanists look on these Quaker Bridge records of Cuscuta cephalanthi with a great deal of suspicion. Quaker Bridge is in the midst of the pinebarrens in an intensely acid region - a region supporting a very different flora in every way than is found in the river valleys of the west, where Cuscuta cephalanthi is at home. Is it possible that these specimens are really specimens of Cuscuta Gronovii.?

> Sincerely yours, Temmeta Jd. maching

PURDUE UNIVERSITY

LAFAYETTE, INDIANA

SCHOOL OF SCIENCE

March 17, 1921.

Professor T. G. Yuncker, De Pauw University, Greencastle, Indiana.

My dear Sir:-

I beg to acknowledge with thanks receipt of your monograph entitled "Revision of the North American and West Indian Species of Cuscuta". I am glad to congratulate you upon the successful completion of the work upon this puzzeling genfus. Some twentyyears ago I began studies upon it with the intention of revising, but pressure of administrative duties pushed it further and further into the background. I will examine, how-

ever, with a good deal of care my original drawings of the various in the species with yours. In a few cases where there a distinct remembrate ton they are very closely together. I also want to re-examine, more phology of the scales again. I differ with Engleman as to their origin and one

of my pupils, Miss Cunningham, presented to the Academy of Science the status conclusions which # get. Of course I was in close touch with her work and approved her conclusions. I see, however, that you go back to Engleman's conception of their origin and it may be that a re-examination will show I was wrong in my previous conclusions. At any rate I want to congratulate you upon an admirable bit of work admirably done.

Very sincerely yours, the

SC/VH

Dear Drolor Yuncher: Man. 17, 1921. remembering me with a copy of the revision I Cuscula. I am farticularly glad to Law received it as I otherwise would have been greatly delayed in seeing it, or not had acces to it of all I am glad to see the old daracter of Homes resile or Jediceles disappear, and had not been genite so strong impresses before with the subhopical distribution of the groles. Digitized by Hunt Institute to Botanical Bocumentation representations of the ofecies so far as I am familiar with them Sweet 6. a. Steven

DEPARTMENT OF BOTANY THE UNIVERSITY OF NEBRASKA LINCOLN. NEBRASKA, U. S. A.

March 18, 1921.

Dr. T. G. Yuncker, De Pauw University, Greencastle, Indiana.

My dear Doctor:

The copy of your Doctor's Thesis upon the Species of Cuscuta reached me a few days ago. One surely ought to be able to identify Cuscuta by means of your keys and illustrations. I have not yet had a chance to Digitized try it lout and is feel it cof not thouse enough about the umentation ination of the paper but it surely looks to me like an exceedingly fine piece of work. Congratulations. I shall try to make use of it the next time I run across a Cuscuta.

With best regards to you and Mrs. Yuncker, I am

Very cordially yours,

Sura B Waller

Michigan Agricultural Cullege

DIVISION OF SCIENCE AND LETTERS DEPARTMENT OF BOTANY E. A. BESSEY

March 18, 1921.

Dr. T. G. Yuncker, Dept. of Botany, DePauw University, Greencastle, Indiana.

Dear Mr. Yuncker:

I wish to thank you for a copy of your valuable piece of work on the genus Cuscuta. I hope to see you soon at the M.A.S. and will be interested to hear your report on the distribution of the Dodders in Michigan.

Very truly yours,

N.T. Darlington
Assistant Professor of Botany.

HTD JH

SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM WASHINGTON, D. C.

March 19,1921.

Dr. Truman George Yuncker, DePauw University, Greencastle, Indiana.

My dear Dr. Yuncker:

Digitized by

Yesterday I received your "Revision of the North
American and West Indian Species of Cuscuta" which I
have looked over with a great deal of interest. You
are certainly to be congratulated upon this admirable monograph. I am glad to see that I have collected a number of specimens, but I regret now that I have
not collected more langely in this genual Socrew entation

people have been interested in the genus that it has long appeared a hopeless waste of energy to collect dodders.

I hope sometime that I may have the pleasure of seeing you here in Washington. I have always felt very much disappointed that I did not see you when you were here some years ago.

Very truly,

Associate Curator

Division of Plants.

DEPARTMENT OF BOTANY THE UNIVERSITY OF NEBRASKA LINCOLN, NEBRASKA, U. S. A.

March 21, 1921.

Dr. T. G. Yuncker,

De Pauwe University,

Greencastle, Indiana.

Dear Dr. Yuncker:

I am delighted to receive a copy of "Revision of the

Digitized by Hunt Institute for Botanical Documentation
This is an admirable piece of work, attractively published

and illustrated. I congratulate you heartily upon its appearance. It impresses me as a very creditable piece of work.

With kind personal regards and best wishes for the continued success of your work, I am

Very truly yours,

essor of Botany Chairman,

R.IP:HD

KENNETH K. MACKENZIE ATTORNEY AND COUNSELOR AT LAW 27 WILLIAM STREET NEW YORK

> March 22nd. 1921.

Dear Dr. Yuncker: -

Thanks for yours of the 17th which I have read with much interest. Should you get a chance to re-check the specimens in question I will be glad to hear the results. That Quaker Bridge record of Cuscuta cephalanthi has long been one of our "spooky" New Jersey records. course the labeling might be incorrect, but as against this, there are, as I understand, two collections. possibility is that the plant may have been casually introduced from the west with hay. A number of western species have been sparingly found introduced in this manner in the pine barren country. A third possibility is misidentification of

Digitized by Hunrelped specimenor I am glad that you have been able to examine sufficient South American material in Europe to enable you to satisfactorily study the group as developed in South America. Only the last time I was at Cambridge Prof.

Robinson was remarking how poorly we were off in North America for South American material, as compared with the German botanists.

The only point about your work which it occurs to me to mention, in answer to your question, is that it would be a help to avoid the use of comparatives like larger and smaller without giving any definite standard to go by. I would give the measurements at least of one of the species compared.

> Sincerely yours, Themette Th. machingi

Dr. T. C. Yuncker. De Pauw University. Greencastle. Ind.

KKM · K

DEPARTMENT OF BOTANY THE UNIVERSITY OF NEBRASKA LINCOLN, NEBRASKA, U. S. A.

March 22, 1921.

Dr. T. G. Yuncker,

Green castle,

Indiana.

My dear Dr. Yuncker:

I wish to thank you for the separate which I have

Digitized by Hunt Institute for Botanical Documentation and I am very anxious to look over the many dodders

that I note you have listed.

Very truly yours,

Lemma D. Andreven

EA:HD

March 23, 1921. Urbana, Illinois.

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

Dear Mr. Yuncker:-

My congratulations on your advancement. I never have had any doubt about it, and so long as you keep close on to the job of up-to-date teaching (with nothing too good for a student) it will continue up to the natural boundaries imposed on the College. Meantime your habit of sticking to original work, with its fruit in professional status, will open the University in due time, with its

Digitized ereater apportunity for product Beatudy car buckethentation

Twice, Mrs. Weinard has tried to get your fine monograph before Bot. 110. Next time she will begin your name with a "J" and get your love-entanglements before us, with the monograph in its train.

I wish we had a man for you: but there is none hopeful here.

All success and happiness to the three of you!

Mr. Vallease,

Gray Berbarium



Barvard University

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.

March 23, 1921.

Dr. Truman G. Yuncker.

Greencastle, Ind.

My dear Dr. Yuncker: -

It was most kind of you to send me the copy of your paper on Cuscuta. I have examined it with much interest and congratulate you on having completed a task of such magnitude and technicality.

I am sure that few groups in our flora have been in greater

Digitized by Hunt Institute for Botaffical Documentation

library of the Gray Herbarium. If I remember rightly, owing to the absence of some of our staff on account of the war, we were unable to aid your work by some loans or information which you desired, but I trust you obtained the needed data.

Your detailed citation of exsiccatae will be a great help to us in clearing up our specimens of this group.

Very truly yours,

M. L. Rasinon.

JRM/BLR.

The American Botanist Willard N. Clute, Editor Joliet, Ill.

March 24, 1921.

Prof. T. G. Yuncker, Greencastle. Ind.

Dear Sir:

Thank you for the note on Cuscuta which I shall be glad to use in Botanist, probably in May. Thank you, also for the manograph on the same subject received some days earlier. I expect to make some comment on this also in a future number.

Yours sincerely,

Willow In Chate.



March 26, 1921. Carnegie Museum, Pittsburgh

Dear Dr. Yuncker : -

I wish to thank you for the separate of your monograph on Cuscuta.

This looks to me like a most excellent treatment of a peculiar and rather obscure group. I shall be much interested in seeing our material worked over with this monograph at hand. My own separates are pretty well exhausted but I am senda few.

Jours very truty Offenny

New Jersey Agricultural Experiment Stations

JACOB G. LIPMAN, Director.

DEPARTMENT OF PLANT PATHOLOGY.

MEL. T. COOK, Plant Pathologist.

W. H. MARTIN,
Associate Plant Pathologist.

New Brunswick, N. J.,

March 28, 1921.

Dr. T. G. Yuncker Greencastle, Ind.

Dear Dr. Yuncker:

I have just received your paper on "Cuscuta" and wish to thank you for same. I fully appreciate that this

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MTC: RJW

TENT IN COOK

THE MISSOURI BOTANICAL GARDEN

ST. Louis

OFFICE OF THE DIRECTOR

March 29 1921

Doctor Truman George Yuncker, University of Illinois, Urbana, Illinois

Dear Doctor Yuncker:

Please accept my thanks for the complimentary copy of your revision of the North American and West Indies species of Cuscuta which I have recently received. I can fully realize the enormous amount of work which such a publication involves and I congratu-

Digitized by Hart you on its completion tanical Documentation

Very truly yours,

Curator of Herbarium

-

Gray Berbarium



Barvard University

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.

March 29, 1921.

Dr. T. G. Yuncker.

Department of Biology,

De Pauw University,

Greencastle, Ind.

Dear Dr. Yuncker: -

· I am always delighted to hear of any North American botanist who is attacking seriously a South American problem. It will be a

Digitized by Hunt Institute for Botanical Documentation amination if you care to see them. They are all too few, in all only thirty or forty sheets.

In ordering up our North American, Mexican, and West Indian material in accordance with your monograph, I find quite a mass of sheets not cited. In some cases these are old and fragmentary things which you may well have thought best to omit, but in other cases they are numbered exsiccatae of fairly prominent sets. Would you care to have me send you these sheets for examination? You could probably somewhat amplify your records from these sheets. If you think that this would repay you for the trouble of examining them and indicating your identifications on the sheets, I should be more than willing to send them to you as a loan.

Kindly let me know your wishes on the subject.

Sincerely yours,
B. L. Robinson

JRM/BLR.

New York Botanical Garden, Bronx Fark, New York City.

April 4, 1921.

Dr. Truman George Yuncker, Greencastle, Ind.

Dear Dr. Yuncker:

Let me congratulate you on your
Revision of Cuscuta, and also thank you for sending
me a copy of it. I fear that my collections have been
of little help to you, but shall hope that in my material
from Colombia there are some things of interest to you.

I am not sufficiently conversant with Digitized by i Hand Institute for Boranical Dacumentation

I like its form of presentation and its uniform descriptions, also the fact that you cite specimens seen. Concerning the last, I think it would have been simpler for reference had you adopted a uniform sequence of states, a trivial detail but one of some practical importance in lists of such length. I have read with interest your introductory discussion, and hope that you may extend your work to other genera of Convolvulaceae. I have wondered what thought you have given to the phylogenetic relationships of the species of Cuscuta and whether, for instance in your key on page 20, where you place first the sub-genus Monogyna with styles more or less united, you mean us to consider such forms as more primitive. I should suppose that progress has has been in the reverse direction, but base my assumption wholly on analagous instances. Do you

New York Botanical Garden, Bronx Fark, New York City.

2

also consider the stigma of the sub-genus of the Succuta to have been derived from the stigma of Grammica or the reverse?

I know that we can speculate indefinitely without basis, but on the other hand I think where one has worked over a genus carefully, we can form opinions which rest on firmer ground. I should suppose that <u>Cuscuta</u> would give, in many particulars, evidence of remarkable phylogenetic interest. Take for instance, the development of scales within the corolla, which you have interestingly discussed on page 15.

Digitized by Hurt Institute for Botanictal Decreptentation

Yours sincerely,

Francis W. Parnell

Associate Curator.

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES BROOKLYN BOTANIC GARDEN BROOKLYN, N. Y.

RESIDENT, BOARD OF TRUSTEES

TELEPHONE: PROSPECT 6173 ALFRED T. WHITE CHAIRMAN, COMMITTEE ON BOTANIC GARDEN

C. STUART GAGER

April 5. 1921.

Prof. T. G. Yuncker Department of Biology DePauw University Greencastle, Ind.

Dear Professor Yuncker:

I have not yet received the copy of your paper on North American and West Indian species of Cuscuta which you state in your letter of April 1 you had forwarded to me, and also a copy to Dr. Gundersen.

Digitized by Hint Introply to your question, I respect to menta

American species of Cuscuta in our Herbarium. As to suggestions for other institutions which might possibly supply you with herbarium material, I do not recall any other in this country, unless it is the California Academy of Sciences, San Francisco, but I presume you have written to the directors of the Botanic Garden in Rio de Janeiro, Buenos Ayres, and Santiago, Chile. It is possible also that you might secure something from the two following

> P. Cantero El Museo de Historia Natural Montivedeo, Uruguay

Laboratorio Municipal Quayaquil. Ecuador.

It is possible that the herbarium of the Carnegie Museum, Pittsburgh, might have specimens.

With thanks in advance, anticipating the receipt of a reprint of your paper, I am

P.S. Publication wid.

Yours sincerely,

Chuar Fazir

places:



MUSEUM-D MISTOIRE NATURELLE
BOTANTQUE
(PHANEROGAMIE)

M. H. LECOMTE, Professeur de Botanique, a l'honneur d'accuser réception à M breunan Feore Yuncker de Va Revision du guer Curcuta et le prie de bien vouloir agréer ses remerciements.

Paris, le 7 avre 1921

Leoulety

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.
April 9, 1921.

Dr. T. G. Yuncker.

Botanical Department,

DePauw University.

Greencastle, Ind.

Dear Dr. Yuncker: -

I will in a few days send you our South American sheets of Cuscuta, but I wish to avail myself of your kind offer to look over and check up those of our North American sheets which are not cited in your monograph. Ult will take me some days yet to find out just which of our sheets can be named up by reference to your paper, and which will have to be sent.

I am glad you liked the paper on Brickellia. Its typography and arrangement was the subject of a good deal of study quite apart from the botanical matter it contained.

I am interested to see that you also feel that there is something to be said for the Alpha variety; that is for giving a definite name to the typical variety or form of a species. I find it almost a necessity in any close monographic work, but it is a tremendous nuisance in labelling, and in incidental mention.

Very truly yours.

M. L. Romison.

JRM/BLR.

Royal Botanic Gardens,

Kew, England.

April 13, 1921.

Dear Sir,

The copy of your Revision of the North American and West Indian species of Cuscuta has safely reached us.

I very much appreciate your kindness in sending us this valuable contribution to the literature of the genus. The receipt of a copy at Kew is especially welcome, as it will ensure the inclusion of the several new species described in it in one of the supplements to the Index Kewensis, which are compiled here.

The copy received is, I regret to tell you, deficient in plates 1 and 5, while plates 2 and 4 are in duplicate.

Digitized by Hunt Institute for Botanical Documentation them. If you would kindly send us the two missing ones

I should be very grateful.

Yours faithfully,

D. Prain

Director.

Dr. T. G. Yuncker, A.M., B.S., De Pauw University, Greencastle, Indiana,

New York Botanical Garden, Fronk Tark, New York Ctty.

April 27, 1921.

Dr. T. G. Yuncker, De Pauw University, Greencastle, Ind.

Dear Dr. Yuncker:

I am in receipt of your letter of April 19th, and had supposed that you had felt, as I have usually done in work of mine, that you wish to postpone, until you had fuller opportunities for studying more species, your discussion of phylogeny.

Digitized by one that you will have for crimitation of the other sub-genera of Cuscuta and to connect these remarkable parasites with their probable autotrophic relatives in the Convolvulaceae, or elsewhere. It is a big undertaking but I hope that we can sometime obtain, from careful study of individual families, much more definite knowledge of the "Polemoniales". My point of attack on this group, through the Scrophulariaceae, is quite remote from yours, and I am curious to see to what simplified ancestry we can carry our groups.

I trust that in connection with your teaching work you will still be able to go on with this line of Taxonomy.

Francia W. Pennell
Associate Curator.

PRINCETON UNIVERSITY PRINCETON, NEW JERSEY

DEPARTMENT OF BIOLOGY

April 27, 1921.

Professor T. G. Yuncker, De Pauw University, Greencastle, Indiana.

Dear Professor Yuncker:

Your letter of April 19th, to Dr.
Shull has been handed to me. I find that we have no specimens of Cuscuta in the few remains of the Patagonian collection that are now in our Herbarium. I have found, however, the four specimens collected by Dr. Rusby in South America which I am sending to

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Will you be kind enough to name them for me and return them when you have finished with them?

Yours very truly,

R/L.

Walle U. Rankin

DEPARTMENT OF BIOLOGY

PRINCETON, NEW JERSEY

May 11, 1921.

Professor T. G. Yuncker, De Pauw University, Department of Biology, Greencastle, Indiana.

Dear Professor Yuncker:

Thank you for the identification

and the return of the Cuscuta specimens.

Yours very truly,

WAR/I.

Walter U. Ranking

W. H. CROCKER,
President Board of Trustees
W. W. SARGEANT,
Secretary Board of Trustees

CALIFORNIA ACADEMY OF SCIENCES

C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN
Director of the Museum

GOLDEN GATE PARK

my dear Ms. Juncker:

gam sending under

separate cover two specimens diplicates)
which you may keep also scraps ganother
number of which we have but ale specime
There are from the Balapagos Islands

for seem to have done a very good
price of work in the paper sectently
published but I have not yet had
time to go over our specimens with it
of text it carefully, yours sincerely
alice Eastwood.

Digitized by Hunt Institute for Botanical Documentation



RIKSMUSEETS
BOTAHISKA
AFDELNING Dear Professor Upuncties,

had our Custuta collection. In Your letter of April 19 you timble offer of the North American and West Indian of Custula. I should highly appearant to tenow your praper when issued yours Carlain Carlaindmann.

Carlaindmann

Royal Botanic Gardens, Kew, England. May 26, 1921.

Dear Sir,

The second copy of your Revision of the North American and West Indian species of Cuscuta, to which you refer in your letter of the 7th inst., has reached us safely.

I very much appreciate the trouble you have taken in order that we may possess a complete copy of your work, which we welcome as a valuable addition to our library, and for which I beg to return my best thanks.

Yours faithfully,

Digitized by Hunt Institute for Botanical Documentation

Director.

Dr. T. G. Yuncker, A.M.,

Department of Biology,

De Pauw University,

Greencastle,

Indiana,

U.S.A.

COLLEGE STAFF

L. E. MELCHERS, IN CHARGE, PLANT PATHOLOGY E. C. MILLER, PLANT PRINCIPLES

W. E. DAVIS, PLANT PHYSIOLOGY H. H. HAYMAKER, PLANT PATHOLOGY

NORA E. DALBEY, PLANT PRYTHOLOGY F. C. GATES, TAXONOWY AND ECOLOGY DOROTHY CASHEN, PLANT PRYTHOLOGY Kansas State Agricultural College Manhattan, Kansas

W M. JARDINE, PRESIDENT

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

Vay 28, 1921

EXPERIMENT STATION STAFF

L. E. MELCHERS, PLANT PATROLOGIST

E. C. MILLER, PLANT PHYSICIOSIST

C. O. JOHNSTON, COOPERATIVE ASSISTAN

Prof. T. G. Yuncker, Green Castle, Indiana.

Dear Prof. Yuncker:

I wish to thank you for the reprint of your recent publication entitled "Revision of the Worth American and West Indian Species of Cuscuta" which I greatly appreciated receiving.

I am not sure whether I have sent you any reprints, as my list is packed away. In case I have not and you let me know, I would be glad to send a few of them.

Digitized by Hunt Institute for Begins al Documentation

FCG:NBJ

Asst. Professor of Botany

Gray Berbarium



Barvard University

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.
June 14, 1921.

Prof. T. G. Yuncker.

DePauw University,

Greencastle, Ind.

Dear Professor Yuncker: -

I am truly sorry that I have been so long delayed in getting out that material of <u>Cuscuta</u> to send to you. My hope was to include such of our North American and Mexican sheets as are not specifically mentioned in your excellent monograph. Some weeks ago, I got about 17th thirds through the track of forking the local supportunity on

with the many interruptions and pressing duties which come upon us toward the end of the academic year, I have found myself unable to finish this matter up.

I will try to do so within the next two or three days, and start a box of Cuscutas to you. Let me say that you may find among them some which are not in good condition to identify. Do not feel any obligation to name up more than you can do readily and definitely. However, I should be very glad of your determinations where you can give them without undue sacrifice of your time.

Sincerely yours,

B. L. Robinson

JRM/BLR.



The musice to you'r court storted 2. 3. 21. 1 com tell you be stay, shat by this most I have also pertain you'r braineds in personal thank I have sent off to dr. Vortes Ames in Broken. I hope the specimens will get and on you'r houses in a brist 4-5 weeks, Ind work on you'r houses in a brist 4-5 weeks, Ind work on you'r houses in a brist 4-5 weeks, Ind work on you'r houses in a brist 4-5 weeks, Ind work on you'r houses in a brist 4 -5 weeks, Ind work on you'r house in the hore work arrive, bornish, These workill man have not arrive, by you's should send only thing it is all.



Barvard University

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.

June 21, 1921.

Prof. T. G. Yuncker.

Botanical Department,

DePauw University,

Greencastle, Ind.

Dear Professor Yuncker: -

I think I have succeeded in getting out the material of Cuscuta. It has been packed, and goes forward to you by express, prepaid, as soon as we can get the express company to come and take the box. The transfer of the company to come and take the box.

from Mexico, 7 from the West Indies, and 39 from South America, making a total of 242 sheets. Kindly verify our count and sign and return the first coupon of the loan slip which is essential to the records of our assistant who has charge of the loan records.

I am sorry that we have not more South American material for you, but as you know, all the North American herbaria are sadly defective in this matter. However, I hope that you may find among some of the older sheets in the Gray Herbarium material that will be of interest.

As to the material from North America, Mexico, and the West Indies, it is quite a lot to ask you to name up, but I should really be very grateful if you would look it over, and add your identifications where you can do so without undue trouble.

I shall be interested in seeing your treatment of the South American species of this genus, and wish you all success in your difficult task.

Sincerely yours,

B. L. Johnan.

JRM/BLR.



THIS SIDE OF CARD IS FOR ADDRESS

Prof. T. G. Yuncker,

Botanical Department,

DePauw University,

Greencastle, Ind.

GRAY HERBARIUM OF HARVARD UNIVERSITY

Cambridge 38, Mass., June 29, 1921.

Dear Professor Yuncker: -

Owing to the congested condition of the express service in consequence of the simultaneous departure of some thousands of students, it has been impossible to get the company to send for that box. It will be started to you within a day or so I think. I am sorry for the delay.

JRM/BIR.

Yours very truly,
13. L. Louisse.

New York Botanical Garden, Bronx Fark, New York City.

July 11, 1921.

Professor T. G. Yuncker, De Pauw University, Greencastle, Ind.

Dear Professor Yuncker:

Thanks for your letter of

July 4th and for the copy of the Cuscuta paper.

I have looked over the paper with much interest.

For some reason dodder does not flourish in

southern Florida. Cassytha takes its place.

I did, however, get a fine
Digitized by Hodderto I was inverted fort. Branch an istage Downton entation

send you a specimen some day.

I will be glad to receive any of the plants mentioned in my last letter, if you run across them. I am in touch with Mr. Deam, but the more the better.

Yours sincerely,

THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES BROOKLYN BOTANIC GARDEN BROOKLYN, N. Y.

TELEPHONE: PROSPECT 6173

July 13, 1921.

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

My dear Dr. Yuncker:

I wish to thank you for the valuable paper on <u>Cuscuta</u> duly received. The spring being a busy time in the botanic gardens, the paper was layed aside temporarily. I was especially interested in the

Digitized unique Introductive in Botanical Documentation
I hope you will be able to get together

interesting material from South America. The Brooklyn Botanic Garden collection of <u>Cuscuta</u> is very small and nearly all North American.

With best wishes,

Yours very truly,

alfred Gundersen

AG/MB





Horto "Oswaldo Cruz"

CAIXA DO CORREIO N. 65 SÃO PAULO

BUTANTAN, 19de

Juli

de 1921

Herrn Dr. T.G. Yuncker
Prof. of Botany of the Department of Biology
De Pauw University. GREENCASTLE INDIANA

Herr Luederwaldt von Museum Paulista, an dessen Director Sie einen Brief an 19ten April gesandt haben, übergab mir diesen Brief mit der Bitte ihre Bitte nachzukommen von wegen der Cuscuta welche Sie wünschen. Ich habe also die Ehre Ihnen mit gleicher Post zwei Exemplare dieses Genus zu senden amsunsere hierige Sammlung und auch weitere aus meiner Sammlung aus den Staate Matto-Grosso. Es handelt sich um Dupleten, und Sie haben nur den respektiven Nummern die Nahmen beizufügen.

Digitized 3774 Gandas Minus Geraes Control Planical Documentation

Von Commissão Rondon: alle von mir gesammelt:

Nº 1048- "Cipó Chumbo"-S.Luiz de Caceres, Matto-Grosso, em Jan. 1909

Nº 4016- Corumbá, Matto-Grosso, em Fey. 1911

Nº 4483- Coxipó da Ponte, Cuyabá, Matto-Grosso, em Margo 1911

Nº 6187- Serra da Piedade, Minas, em Nov. 1915.

Leider ist der letzte Material aus Matto-Grosso nicht ausreichend Ihne eine bessere Sammlung zu liefern, doch denke ich dass er genügen wird die Bestimmungen zu machen. Von der Nähe S.Paulo und aus Minas, werde ich spätter mehr Material senden können von andere Arten.

Dass Werk welches Sie in Ihren Brief anbieten würde mir sehr willkommen

sein.

Bitte berichten Sie mir über das Eintreffen des Material. Für eine baldige Bestimmungsliste würde ich sehr dankbar sein.

Hochachtungsvoll

Botaniker des Institutes Butantan

HERBARIUM OF L. H. BAILEY
ETHEL ZOE BAILEY, CURATOR
ITHACA, N. Y.

July 28, 1921.

Dr. T. G. Yuncker,

De Pauw University,

Greencastle, Ind.

Dear Dr. Yuncker:

I am glad to avail myself of the opportunity to send you my North American dodders. I find I have very few of them, only fifteen sheets. If you can put the names on these and return them, I shall greatly appreciate it.

So far I find only one Cuscuta in our collections from
South America this winter. I thought I had two or three collections.

I The material is not yet all finally sorted, and I may not have any nation
more than the one thing I am ending, in the package, from the Orinoco
country. You may report the name by number and keep the specimen.

The plants go forward by parcel post.

If you have any duplicates of Cuscuta from anywhere that you have no use for, I shall be glad to add them to my collection.

Sincerely yours,

Aug. 9, 1921.

Prof. T. G. Tuncker,

DePauw University,

Greencastle, Ind.

Dear Professor Yuncker:

The Cuscutas are here and I much prize your determinations. They set me right on a group of which I have no special knowledge.

I am obliged to you also for inclosing the specimens which will forthwith be mounted. I am particularly glad to see the collection from South America of my old friend Holway.

Digitized by Hunt Institute for Bother North Cumentation

H. Walley

UNIVERSITY OF ILLINOIS AGRICULTURAL COLLEGE AND EXPERIMENT STATION

Department of Horticulture

Urbana, Illinois, August 30, 1921.

Prof. T. G. Yuncker, DePauw University, Greencastle, Ind.

My dear Yuncker:

I wish to thank you for your determination of dodder specimen which I recently sent you. I forgot to mention in this letter that I had also received some red respherry plants from western Illinois which were being killed by dodder.

Yours very truly,

Digitized by Hunt Institute for Botanical Documentation

HWA: DV

Ass't. Chief in Pomological Pathology.

THE AMES BOTANICAL LABORATORY NORTH EASTON, MASS., U. S. A.

TELEPHONE STOUGHTON 74

September 11th, 1921.

At the request of by this mail a package of orchid specimens. I received no instructions with the specimens, but, excepting for differences of opinion as to correct nomenolature, the identifications seem to be in accordance with modern views. Dr, Schlechter may have wished that I authenticate the determinations. It seemed unnecessary, however, to add more writing to the sheets.

Will you please let me know if the specimens reach you in good

THE SULLIVANT MOSS SOCIETY; THE BRYOLOGIST EDWARD B. CHAMBERLAIN, SECRETARY-TREASURER

16 WEST 89TH STREET

18 WEST 89TH STREE

October 31, 1921.

Prof.T. G. Yuncker Greencastle, Ind.

My dear Prof. Yuncker:-

I have read with much interest your note in the Bryologist on the new method of mounting specimens, and wish to thank you for it. It is so hard to get articles that are at all out of the usual run of purely systematic things, that I appreciate all the more the little extra touches. I hope you can give us "more of the same".

Prof. Deam has also recently advised me that you have issued an article "Mosses of Indiana".in the Proc. Indiana Acad. Sci. Would it be so that I could purchase a copy in any way? I am much interested in local lists, and would also like to notice the publication in the Bryologist. It might, possibly, give it a little wider distribution.

Digitized by Hunt Institute of the answer to the above or otherwise tation

Very truly yours,

Edward B. Chambolain



Barvard University

B. L. ROBINSON, Curator

CAMBRIDGE, MASSACHUSETTS, U.S.A.

November 4, 1921.

Professor T. G. Yuncker.

De Pauw University.

Greencastle. Ind.

Dear Professor Yuncker :-

The package containing the returned Cuscutas arrived just as I happened to be starting to a hospital for two minor operations. consequence. I am a little late in writing to acknowledge their receipt. and as I now do, especially to thank you for the kind attention you have zeren by our sheets institute for Botanical Documentation

I am greatly obliged to you for all your trouble. Your critical identifications and notes add much value to our sheets. I well know from my experience in the Eupatorium tribe what difficulties can be furnished by a lot of old and fragmentary odds and ends of things which have a way of accumulating in any large collection. Many of them are not really in condition to name, and ought to be put into the wastepaper basket, but unfortunately no one knows which of them may to-morrow prove of critical importance in some matter of plant differentiation or question of distribution.

I hope you got enough of interest out of our miscellaneous collection of dodders in some degree to repay the time you have spent upon them. With kind regards. I am.

BLR/JRM.

Sincerely yours,

November 10/21

D. T. J. Yunker, Grewaste, Ind.

my dear I your ker.

Thank you fir your kind letter of Nov 3. relative to the moss paper. Jagree wat you fully that 50 of "per each", is fair to exorbitant a price even you these days. Jis written Prof. Ness, as you suggest, and shall doubtless soon hear from him.

Shoroughly believe that the publication of a state list is a decided gurtherward of nowledge, every time. It brings togother the existing knowledge, shows gaps, and keeps to direct guture work. While perhaps dead work in one sense, you someone usually

Digitized by Hunt

starts at once to file the gaps - the there sawe fock parely heefs be fire the Jewes's at lewel, - I now of no outer way in which the local distribution of own common morses will were be worked out accountely enough for anything like comparation study.

In glad their you are frieding the mores of interest, They are wrelwest while as really serious business; and air interesty interestinging the way wouth be the only trip you make not brighting.



Cation .

Professor J. G. Yuncker, Greencastle.

Dear Lir: -

Turite to acknowledge with my thanks
the parcel of Cuscuta, 68 sheets, which
You have returned. I should be happy if
ithied caffedian Institute for Betchrica Deformentation
Your splendrow memograph "Recrition of the
North American ... of Custuta" is a very interesting book and I am especially very pleased to study the large number of so instruction
plates. Many thanks again for Your kindney,
to Send me the copy, of this valuable publi-

Sincerely yours Carl Lindman



Horto "Oswaldo Cruz"

CAIXA DO CORREIO N. 65 SÃO PAULO

Qoe acacacos acaco

BUTANTAN, 28 de Novembro de 19 21

Herrn Professor Dr. T.C. Yuncker DePauw University - Department of Biology. Greencastle, Indiana. U.S.A.

Werter Herr Professor.

Im besitze ihres werten Schreibens von 27ten Oktober, kann ich ihnen meinen verbindlichsten Dank für die Bestimmungen der <u>Cuscutaceen</u> aussprechen, mit die Versicherung dass ich alles tuhn werde ihren Wunsche wegen mehr Material nachzukommen. Auch für das Buch danke ich ihnen herzlich.

Irgend etwas das mit meine Spezialität bezug hat, das Sie von hier wünschen sollten werde ich gerne bestellen.

Hochachtu mgsvoll

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Bot. des Imstitutes Brita

S. PAULO
SRAZIL:

Broto "Oswaldo Cruz."

Horto "Oswaldo Cruz."

Professor Dr. T. ". Yuncker

GREENCASTLE- INDIANA

DEPARTMENT OF BIOLOGY
DE PAUW UNIVERSITY

NOTA:
PROC-SE A DEVOLUÇÃO D'ESTA
CASO NÃO STAR ENCONTRADO
O DESTINATARIO.

Betados Unidos da Am. do Norte

December 14, 1921. Urbana, Illinois.

Professor T. G. Yuncher, DePauw University, Greencastle, Indiana.

Dear Mr. Yuncker:

Endlich is all right for the collector's name!

I am glad that you are getting type-bits from Europe and that you contemplate putting them in the National Herbarium. Why not keep them yourself till your work on Cuscuta is finished? You may want

Digitized by to refer to any one of them at any moment. In your mentation publications you can say then, that the type is, e.g. at Dahlem and a bit in your own herbarium. Then, at any time in closing out your work in the genus you can give your collection of type fragments to the National Herbarium and have the fact recorded in a

brief note in the Gazette.

Personally, I think I should refer to the Herbarium of the Botanical Institute at Dahlem".

Our warmest greetings to Barbara Ann!

My Vassese.

Barbecena, State of Minas, Brazil,
Dec. 15. 1921

Dear Mr. Yunkers:

I am enclosing a Cuscuta not seen before. I have one other collected at Rio, which has the habit of growing over the tops of wide spreading trees some 25 feet high. This one grows near the ground.

We stayed 7 months in Mpls. and then returned to S. Am. landing in Rio Aug. 8. We were led to this quick return by the terrible heat making work in the afternoon on the West side of the University quite impossible and more by the low value of the money in Brazil and other S. Am. countries, which enables us to live for less than rent alone costs at home. At Ouro Preto we had a very pleasant room

a Hotel said to be best in Minas, we pay \$1.35! And we have soup, 4 meat courses, eggs, and all sorts of deserts and marmalades and preserves. The meats include steaks and chops, and the waiter is worried because we cant eat all of the menu!! The bread is the finest French and butter splendid. Brazil is charming. Rio is a most wonderful city in its surroundings. We were high up, in the edge of the city, with a street car passing our door, and the most wonderful views from our windows over city, bay, islands and mountains. This is a cool year and tho it is their summer it has not been over 80 in Rio yet. We spent two months there, 72 most of the time and could have lingered indefinately. Unusual for a big city there is fine collecting, even beginning right at our Hotel door. Street cars take you 15 miles or more into the country for a trifle. In Bello Horizonte, the capital of Minas, a city built

24 years ago for a model capital and planned after Washington DC. a long car ride cost one and one fifth cents.! From the Mt. resort of Petropolis, the 75 mile round trip to Rio was 55 cents!

What more can one ask for? Have quite a collection so far and now go south to Sao Paulo and slowly thru southern Brazil to Uruguay, Argentine and across the Andes to Peru, Bolivia and Ecuador again.

Have seen but the two species of Cuscuta so far.

Very truly,

E.W. D. Holway

Address : National City Bankm,

Rio de Janeiro. Brazil. . Spindonos . M. . S mento ins

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nest courses. Sees, and all so to deserts and normalades and preserves. The meats include absents and choos, and the mitter is repried because we cant est all of the wern !! The bread is the finest french and butter selendid. Breath is charming. Nie is a nest wonderful city in its surroundings. To were into up. in the edge of the city, with a street car passing our door, and the most wonderful views from our mindows over of W. May, tay, is need the not been over 80 is Nie and the is their summer it has not been over 80 is Nie yet, We seem two morbits there. To nest of the time the is fine out door and two morbits there. To nest of the time is fine to the interest of the street care take you is allest of more into the country for a bis a triff them take you is allest of more into the country for a time that is nest care to more in the time the country for a time that it is fine to it the security for a bis a triffe, in Belio Morisonbe, the capital of alone, as only built with the capital of alone, a city will a triffe, in Belio Morisonbe, the capital of alone, a city will