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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.

Plant Inventory No. 168

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C., March 1967

PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1960 (NOS. 262679 TO 270534)

CONTENTS

This inventory, No. 168, lists the plant material (Nos. 262679 to 270534) received by the New Crops Research Branch, Crops Research Division, Agricultural Research Service, during the period from January 1 to December 31, 1960. The inventory is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

The species names used are those under which the plant material was received. These have been corrected only for spelling, authorities and obvious synonymy. Questions related to the names published in the inventory and obvious errors should be directed to the author. If misidentification is apparent, please submit an herbarium specimen with flowers and fruit for reidentification.

HOWARD L. HYLAND,
Botanist.

Plant Industry Station
Beltsville, Md.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
REGIONAL PLANT INTRODUCTION STATION
WASHINGTON STATE UNIVERSITY
JOHNSON HALL 59
PULLMAN, WASHINGTON 99163

November 20, 1968

Dr. David J. Rogers
Taximetrics Laboratory
Department of Biology
Armory 101
University of Colorado
Boulder, Colorado 80302

Dear Dave:

I want to thank you and Bob for coming to Pullman to present your "TAXIR" system of data retrieval. While here you indicated that you would also be in Washington, D.C. on other business during the week of December 9-14. I phoned Dr. Creech and he stated we would be discussing data retrieval on Thursday morning, December 12, and that you were invited to briefly explain your system to our group at that time. Since this is one of many discussion topics, your presentation should be in as concise a package as possible. I think it would expedite matters if you would airmail a preliminary explanation of your "TAXIR" system to each of the men listed below. This will enable all of us to become somewhat familiar with your retrieval system prior to the meeting.

Dr. John L. Creech, Chief, New Crops Research Branch, Plant Industry Station, Beltsville, Maryland 20705

Dr. A. Jack Oakes, New Crops Research Branch, Plant Industry Station, Beltsville, Maryland 20705

Mr. Harold F. Winters, New Crops Research Branch, Plant Industry Station, Beltsville, Maryland 20705

Dr. Ed James, National Seed Storage Laboratory, Ft. Collins, Colorado 80521

Dr. Desmond D. Dolan, N.Y. State Agric. Expt. Station, Regional Plant Introduction Station, Geneva, New York 14456

Dr. Robert Langford, Regional Plant Introduction Station, Experiment, Georgia 30212

Dr. Willis H. Skrdla, Regional Plant Introduction Station, Iowa State University, Ames, Iowa 50010

Dr. S. M. Dietz, Regional Plant Introduction Station, Johnson Hall 59, Washington State University, Pullman, Washington 99163

Thanks for your assistance. See you December 12.

Sincerely,

Sam

S. M. Dietz
Coordinator

25 November 1968

Dr. John L. Creech, Chief
New Crops Research Branch
Plant Industry Station
Beltsville, Maryland 20705

Dear Dr. Creech:

Dr. Sam Dietz has recommended that I send to you the enclosed descriptions of TAXIR, a computerized information retrieval system. I send you this material so that you may have an opportunity to become acquainted with the nature of the system developed in our laboratory. I had the opportunity recently to visit Dr. Dietz in Pullman, and discovered that there were potential opportunities for applying our system to the wealth of data now residing in the various stations of the New Crops Research Branch. I hope that you will understand that the papers which I have enclosed here are not a complete description of TAXIR but they do give you some opportunity to find what facilities do exist in the system.

I look forward to the opportunity of presenting a more complete description of this information retrieval system on Thursday morning, December 12, in Beltsville, where Dr. Dietz has kindly invited me to meet with you. Please feel free to ask any questions that come to mind in advance of the meeting.

Sincerely yours,

David J. Rogers
Professor of Biology

DJR:gm

Same letter sent to checked names on attached letter

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

REGIONAL PLANT INTRODUCTION STATION
WASHINGTON STATE UNIVERSITY
JOHNSON HALL 59
PULLMAN, WASHINGTON 99163

January 13, 1969

Dr. D. J. Rogers
Taximetrics Laboratory
Department of Biology
Armory 101
University of Colorado
Boulder, Colorado 80302

Dear Dave:

Thanks for your 1/7/69 letter. I personally believe that talk, hand waving, etc., will not successfully sell the program. The only way to do this is to use the TAXIR system with our materials to demonstrate its effectiveness. Anything short of this always seems to leave a number of "Doubting Thomases."

We will soon be getting our information on bean introductions punched onto IBM cards. These together with information Dr. Konzak already has with cereals should be adequate to "test" TAXIR.

In general I felt that the Plant Introduction group will "wait-and-see" how it works at Pullman. If all goes well I expect that the New Crops Research Branch and the four Regional Plant Introduction Stations will use the system. At least I did not hear anyone say anything against trying it out.

Thanks for presenting TAXIR to our group.

Sincerely yours,

Sam.

S. M. Dietz
Coordinator

17 January 1969

Dr. S. M. Dietz
USDA - ARS
Regional Plant Introduction Station
Johnson Hall 50
Washington State University
Pullman, Washington 99163

Dear Sam:

Thanks for your recent letter. I enclose herewith a set of directions for setting up the input data which I believe is a little more explicit than we have had before. You may want to use this in thinking about how to set up your data bank.

I agree with you that the best possible acceptance mechanism is the demonstration of an operating system. So I shan't expect any more to be forthcoming from headquarters in Beltsville until we have together put out a working system.

Sincerely,

David J. Rogers
Professor of Biology

DJR:gm

7 January 1969

Dr. Sam Dietz
USDA Plant Introduction Station
Johnson Hall
Washington State University
Pullman, Washington 99163

Dear Sam:

I am sorry that there hasn't been an opportunity before to talk about the results of the Beltsville meeting. I got caught by the "bug" and have been badly snowed under since.

From my point of view we had a very successful meeting but it is difficult for me to know exactly how effective we were in getting ideas across about TAXIR. I suppose that the best kind of thing is to actually demonstrate what we can do, rather than to wave our hands about some potential method. At this end, you know that Bill Walden has now gotten our official signal to change usfor programming and that he has received a box full of program cards from us. I hope you are in close touch with him on this and can keep us abreast of his efforts. As I understand it he will be coming through here sometime soon for some more details on the programming problems.

I hope in the meantime you can begin to work on the actual details so that we can iron out all the problems so that when the system is up and running you will be able to load the box with data. If you have time to prepare a full set with some actual DEFINE ITEM statements perhaps the problems will become evident and we can begin to iron them out.

Things progress well here for the system and we feel certain everything will be ready when you need it.

I'd like to have your reaction to the meeting in Beltsville and what this portends for us, you and me.

Happy New Year!

David J. Rogers
Professor of Biology

DJR:gm

ordered 19 Nov

Automatic Information Organization and Retrieval
Gerard Salton
McGraw Hill.

Query: List items with ~~description~~ PI or CI or WA and with habit bush or vine or semi vine but not plant size from small to large and not from 99163.

PI # = item #
(6 digits)

Send Cal 2 copies of working notes —

Genus
species
Variety
Origin (Country)
Area tested (zip code)
Year tested
PI (Phys) Habit – 7 states
Pl Size – 7 "
Lf " –
Pet Length
Internode L.
Erectness
Branching
Stem tip
Stem color
} Cone of 7 states

Fl. Chars. Color
Cone. of set
L. of racemes

Pod Chars.
Cone. of Pod Set 3 states. 7 states.
Temp. of set 3 states
Length in cm. ~~3 states~~
Constrictions – 7
Curvature – 7
~~Color~~ – 7

Pod Chars Cont.

- Wall thickness
- Wall fiber
- Hairs (cone) } 7 states
- Beak
- String (none - lot)

Pod ~~Co~~ Color - 17+ states

Pod type (dry green shell 12 states

Seed

Coat color - 27 states

Seed pattern (of coat color) 8

Size - 9 states

Maturity - 9 states.

Also wanted for each of (or some of) these descriptors is the fact that we want to know that the PI was raised at different stations (zip code), in different years, and has difference growth habits (in the case of beans.

11 November 1968

Dr. C. F. Konzak
USDA-ARS Regional Plant Intro. Station
Johnson Hall 59
Washington State University
Pullman, Wash. 99163

Dear Cal:

We expect to be in Pullman on Thursday, November 14 at 9:06 P.M. via Air West. We will stay Friday night and leave Pullman at 10:50 A.M. for Spokane and Seattle on Saturday. I hope you have been able to make arrangements for our staying there. You might check with Sam Dietz to see what has happened. I prefer a single room.

Bob and I are expecting to stay with it Friday until finished, even if this includes a night session. TAXIR

q

Sincerely,

David J. Rogers
Professor of Biology

DJR:gm