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

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

Fogg

checked by E J W.

THE UNIVERSITY OF TENNESSEE
KNOXVILLE
DEPARTMENT OF BOTANY
October 19, 1946.

It is to Fogg

Dear Dr. Fogg:

Permit me the liberty to write to you. My friend Mr. Russel sent you the other day a list of plants he had collected in Pa., and when I told him that I had done a small amount of collecting there myself he suggested that I write you a list of the plants, so that even though most of them are common, you might be interested in the distribution records.

I spent the summer of 1942 in Camp Pocono, just below Lakeville, Wayne Co., Penna., right on the shores of beautiful Lake Wallenpaupack. Almost all the collecting was done within two or three miles of Lakeville and the Camp. Unless otherwise specified all the plants were found at the camp. Alt. is 1400 ft.

See list of plants from Philadelphia

- 1413 *Linaria vulgaris* Hill. June 28, 1942
- 1414 *Apocynum androsaemifolium* L.
- 1415 *Asclepias phytolaccoides* Pursh
- 1416 " *syriaca* L.
- 1417 *Osmunda Claytoniana* L.
- 1418 *Spiraea latifolia* Borkh.
- 1419 *Steironema ciliatum* (L.) Raf.
- 1420 *Lysimachia terrestris* (L.) BSP
- 1421 *Trientalis americana* (Pursh) Pursh
- 1422 *Hypericum ellipticum* Hook.?
- 1423 *Diervilla lonicera* Mill.
- 1424 *Lilium philadelphicum* L. June 30, 1942
- 1425 *Iris versicolor* L. Finis swamp, Near Lakeville Wayne Co
- 1426 *Pontederia cordata* L. "
- 1427 *Melampyrum lineare* Lam. "
- 1428 *Sarracenia purpurea* L. "
- 1429 *Fyrola elliptica* Nutt.
- 1430 *Viola conspersa* Reichenbach July 2, 1942
- 1431 *Aralia nudicaulis* Linne
- 1432 *Corylus rostrata* Ait.
- 1433 *Potentilla recta* L.
- 1434 " *monspeliensis* L.
- 1435 *Veronica scutellata* L.
- 1436 *Oenothera pumila* L.??
- 1437 *Lychnis chalcedonica* L. In middle of woods. Apparently escaped cult.
- 1438 *Taeniogonum* sp.?
- 1439 *Specularia perfoliata* (L.) A. DC. July 3, 1942
- 1440 *Lupinus perennis* L.
- 1441 *Pteris aquilina* L.
- 1442 *Comandra umbellata* (L.) Nutt.
- 1443 *Rumex acetosella* L.
- 1444 *Coralorrhiza maculata* Raf.
- 1445 *Hieracium venosum* L.
- 1446 *Utricularia vulgaris* v. r. *americana* Gray — Frisbees Pond, July 6, *where is this pond?*
- 1447 *Mimulus ringens* L.
- 1448 *Scutellaria galericulata* L. (1448)
- 1449 *Sparganium angustifolium* Englm.
- 1450 *Epilobium angustifolium* L.
- 1451 *Solanum dulcamara* L.
- 1452 *Cornus canadensis* L. (1452)
- 1453 *Cerastium vulgatum* L.
- 1454 *Trillium undulatum* Willd.
- 1455 *Coptis trifolia* (L.) Salisb. (1455)
- 1456 *Clintonia borealis* (Ait.) Raf.
- 1457 *Chamaelirium luteum* (L.) Gray — Near Hawley, Wayne Co. July 8, 1942
- 1458 *Corydalis sempervirens* (L.) Pers.
- 1459 *Potentilla canadensis* Pursh

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DEPARTMENT OF BOTANY

- 1460 Desmodium canadense Near Hawley Wayne Co. Pa, July 8 1942
 -1461 Rhododendron maximum L.
 X -1462 Cornus stolonifera Michx. *reidentity - out of range*
 O1463 Ilex verticillata (L.) Gray
 O1464 Berteroa incana (L.) DC.
 1465 Knautia arvensis (L.) T. Coulter. *- identity?*
 -1466 Lychnis alba Mill.
 -1467 Bromus Kalmii A. Gray (Det. Swallen 1943)
 -1468 Verbena hastata L.
 -1469 Matricaria ?
 -1470 Glyceria canadensis (Michx.) Trin. (Det Swallen)
 -1471 Carex lupulina Muhl.
 -1472 Ribes cynosbati L.
 -1473 Spiranthes gracilis (Bigel.) Beck.
 -1474 Dalibarda repens L. *- Frisbees Pond, Camp Pocono, July 10-15*
 1475 Lonicera oblongifolia (Goldie) Hook. *- misidentified part of range*
 -1476 Radicula palustris (L.) Moench
 -1477 Bromus purgens L. (Det. Swallen)
 O1478 Deschampsia flexuosa (L.) Trin. (Det. Swallen)
 -1479 Campanula aparinoides Pursh.
 O1480 Lycopodium clavatum L.
 O1481 Lycopodium obscurum L.
 -1482 Scrophularia leporella Bicknell.
 1483 Epilobium
 -1484 Habenaria psycodes (L.) Sw.
 -1485 Habenaria lacera (Michx.) R. Br.
 X -1486 Liliun superbum L. *identification erroneous - out of range*
 1487 Penthorum sedoides L.
 -1488 Osmorhiza claytoni (Michx.) Clarke.
 -1489 Actaea alba (L.) Mill.
 -1490 Crobanche uniflora B.
 -1491 Trifolium agrarium L.
 -1492 Gaultheria procumbens L.
 -1493 Lycopodium annotinum L.
 -1494 Dennstaedia punctilobula (Michx.) Moore.
 O1495 " "
 -1496 Onoclea sensibilis L.
 -1497 Chelidonium majus L. July 16, 1942.
 O1498 Larix laricina (DuRoi) Koch
 O1499 Dryopteris marginalis (L.) Gray (Det S.F. Blake)
 O1500 " spinulosa (Muhl) Watt (" "
 -1501 Hamamelis virginiana L.
 -1502 Quercus montana Willd. - (Det S.F. Blake)
 -1503 Aralia racemosa Vent. July 22, 1942
 -1504 Veratrum viride L. *- out of range?*
 -1505 Viburnum dentatum L. ?? *- bog near - Uswick, Wayne Co. Pa. August 5, 1942*
 -1506 Nepeta cataria L.
 O1507 Calla palustris L.
 -1508 Acorus calamus L.
 1509 ?
 -1510 Lespedeza hirta (L.) Hor.
 -1511 Anaphalis margaritacea (L.) B&H.
 -1512 Tanacetum vulgare L.
 -1513 Sonchus arvensis L.
 -1514 Cyperus
 -1515 Scutellaria laterifolia L.
 -1516 Selaginella rupestris (L.) Spring. *- Camp Pocono - Eagle point Lake Wallenpaupack*
 1517 ? *August 16, 1942*
 -1518 Pinus rigida Mill?
 O1519 Pinus strobus L.
 -1520 Collinsonia canadensis L.

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*Known of several
places in PA now*

- ~~1521~~ *Caulophyllum thalictroides* (L.) Michx. — Camp Pocono Wayne Co. August 16, 1942
~~1522~~ *Prenanthes altissima* L.
~~1523~~ *Serapias helleborine* L. (111) One plant, the specimen I have past flowering because
~~1524~~ *Impatiens biflora* L. Red petals I let it bloom until I left the place.
~~1525~~ *Rubus odoratus* L.
~~1526~~ *Lobelia cardinalis* L. A pure white-flowered plant.
~~1527~~ *Picea canadensis* (Mill.) BSP. *misidentification, these specimen not in PA*
~~1528~~ ?
~~1529~~ *Lycopodium tristachyum* Pursh.
~~1530~~ " *complanatum* L. *✓ flabelliform*
~~1531~~ *Onoclea sensibilis* L. — Near Goose Pond.
~~1532~~ *Habenaria clavellata* (Michx.) Spreng.
~~1533~~ *Osmunda regalis* L.
~~1534~~ *Verbena hastata* L.
~~1535~~ *Impatiens biflora* L.
~~1536~~ *Aster schreberi* Nees. (Det S. F. Blake) August 20, 1942
~~1537~~ *Prenanthes trifoliata* (Cass.) Fernald .
~~1538~~ *Lycopus americanus* Muhl.
~~1540~~ *Hieracium aurantiacum* L.
~~1541~~ *Spiraea*
~~1542~~ *Kalmia angustifolia* L. August 24, 1942
~~1543~~ *Comptonia*
~~1543a~~ *Mianthemum canadense*
~~1538~~ *Prenanthes alba* L.

I do not have the plants with me, but when I go back home, which is Fredericksburg, Virginia, at Christmas time, I could send you whatever you like.

Do you have a spare list of the plants you collected in Mountain Lake Va. I spent the summer 1943 there, collected about 500 numbers and 1500 sheets, with quite a few interesting things, some of them new for the state. (*Eleocharis Smallii* *Oryzopsis racemosa*, *Calamagrostis inexplansa*) I left a complete set of all the collection at the U. of Va. with the hope that they will be taken to Mt. Lake and mounted. If you are interested in any of the material to supplement your own extensive collections, of which I saw only the lists at the Station, I could send you a few of the specimens, while the U. Va. could send you the whole set either for checking or for keeps, since there is nobody there who would take good care of the material.

Hoping that this letter might be of interest to you, I am,

Very sincerely Yours

Hugh H. Iltis
Hugh H. Iltis

63 wanted especially

-23 could use

0 32 not wanted at all

Several not marked need identification

ILTIS, H.H.

October 30, 1946

Dr. Hugh H. Iltis,
Department of Botany,
University of Tennessee,
Knoxville, Tennessee.

Dear Dr. Iltis:

Thank you very much for your kind letter of October 19th with its list of plants collected by you in Wayne County. I am delighted to know of your work in this area and although a number of us have collected in the vicinity of Lake Wallenpaupack, I am sure that there will be many things on your list which will constitute new records. It is indeed generous of you to offer to let us have such specimens as we need, and between now and the Christmas holidays I shall check your list carefully against our records from that area and let you know exactly what we need.

I regret to say that my records from the Mountain Lake area are still in card catalogue form. I still have some seven or eight hundred numbers which I collected in the summer of 1940 but which I have never found time to label and record. I have finally gotten back to that job and hope during the coming months to finish working over this material and have it ready for distribution. When that is done it will be a simple matter to have a list copied from my cards and I shall be glad to keep you in mind when this is done. I should certainly like to see the material which you collected and which you say you left at the University of Virginia, for it is quite likely that you will have added noteworthy records to the flora of that area. A little later on I may write to Dr. Lewis asking whether he would care to send me your collection on loan so that I might check the identifications and incorporate your records into my list. My ultimate aim in all this is to prepare for publication a list of the vascular plants of Giles County which might be used as a kind of checklist by students working in the laboratory. My card index to date contains between eight and nine hundred species and varieties, but I am inclined to believe that there are another two or three hundred plants from the area of which I have as yet no knowledge.

Thanking you for your interest and assuring you that I will let you hear from me later, I am

Sincerely yours,

John M. Fogg, Jr.,
Professor of Botany.

November 14, 1946

Dr. Hugh H. Iltis,
 Department of Botany,
 University of Tennessee,
 Knoxville, Tennessee.

Dear Dr. Iltis:

We have now gone over the list of species included in your letter of October 19th, and checked them against our record cards in the Herbarium. As might have been expected, by far the greater number of your collections represent new records for that section of Wayne County, and many of them represent the first evidence from the entire County. For your convenience I am having listed separately the specimens which we would be delighted to have if you can spare them.

In going over your list several problems have arisen concerning which I would like further information. Where, for example is Frisbees Pond? We have had a number of reports from this area but since the pond does not appear on the geologic quadrangles, we have been unable to locate it and have therefore been unable to place the dots on our outline maps.

Your No. 1462, which you have called Cornus stolonifera, would seem to belong to some other species since stolonifera is unknown from this section of the State. I shall be glad to see your material of this collection. Similarly, your No. 1475 excites our curiosity, for, if it is really Lonicera oblongifolia, it is an entirely new station for this species. I am wondering whether your No. 1496 is not Lilium canadense rather than superbum which we think of as more of a Coastal Plain species.

I shall indeed be glad to see your material of Veratrum viride (No. 1504), for if you actually have this species from Wayne County, it represents a significant extension of range. Picea canadensis (No. 1527) would also be extremely interesting, for we do not know this species south of upper New York State. Serapias is being reported from an increasing number of localities, but usually there are only a few plants at any one station and these frequently disappear after a year or so. We shall be delighted to receive material in substantiation of your records.

Dr. H. H. Iltis

- 2 -

November 14, 1946

I am not clear whether you are prepared to send us duplicates of all of these for our own Herbarium or whether you are offering to let us have specimens on the basis of exchange. We should be happy to send you material for this State or from any other area in which you are interested. In general we do not enter records on our cards unless the specimens are housed here or in some other institution in Pennsylvania. This seems a necessary provision for the future when it may frequently become necessary to re-examine material which has been used as the basis of published records.

Thanking you again most heartily for your cooperation,

I am

Sincerely yours,

John M. Fogg, Jr.,
Professor of Botany.

List sent to Dr. Iltis, Nov. 14, 1946

- 1413 *Linaria vulgaris*
1415 *Asclepias phytolaccoides*
1416 " *syriaca*
1417 *Osmunda Claytoniana*
1420 *Lysimachia terrestris*
1421 *Trientalis americana*
1422 *Hypericum ellipticum*
1423 *Diervilla lonicera*
1425 *Iris versicolor*
1427 *Melampyrum lineare*
1429 *Pyrola elliptica*
1430 *Viola conspersa*
1431 *Aralia nudicaulis*
1433 *Potentilla recta*
1434 " *monspeliensis*
1435 *Veronica scutellata*
1436 *Oenothera pumila*
1437 *Lychnis chalcadonica*
1438 *Taenium ?*
1439 *Specularia perfoliata*
1440 *Lupinus perennis*
1441 *Pteris aquilina*
1443 *Rumex acetosella*
1444 *Corallorhiza maculata*
1445 *Hieracium venosum*
1446 *Utricularia vulgaris* var. *americana*
1447 *Mimulus ringens*
1448 *Scutellaria galericulata*
1450 *Epilobium angustifolium*
1453 *Cerastium vulgatum*
1454 *Trillium undulatum*
1457 *Chamaelirium luteum*
1460 *Desmodium canadense*
1461 *Rhododendron maximum*
1462 *Cornus stolonifera ?*
1465 *Knautia arvensis*
1466 *Lychnis alba*
1467 *Bromus Kalmii*
1468 *Verbena hastata*
1469 *Matricaria ?*
1470 *Glyceria canadensis*
1471 *Carex lupulina*
1472 *Ribes cynosbati*
1473 *Spiranthes gracilis*
1474 *Delibarda repens*
1475 *Lonicera oblongifolia*
1476 *Radicula palustris*
1477 *Bromus purgans*
1479 *Campanula sperinoides*
1482 *Scrophularia leporella*
1483 *Epilobium ?*
1484 *Habenaria psycodes*

- 1485 *Habenaria lacera*
 1486 *Lilium superbum* ?
 1487 *Fenthorum sedoides*
 1488 *Osmorhiza claytoni*
 1489 *Actaea alba*
 1490 *Orobanche uniflora*
 1491 *Trifolium agrarium*
 1492 *Gaultheria procumbens*
 1493 *Lycopodium annotinum*
 1494 *Dennstaedtia punctilobula*
 1496 *Oncoclea sensibilis*
 1497 *Chelidonium majus*
 1501 *Hamamelis virginiana*
 1502 *Quercus montana*
 1503 *Aralia racemosa*
 1504 *Veratrum viride*
 1505 *Viburnum dentatum* ?
 1506 *Nepeta cataria*
 1508 *Acorus calamus*
 1510 *Lespedeza hirta*
 1511 *Anaphalis margaritacea*
 1512 *Tanacetum vulgare*
 1513 *Sonchus arvensis*
 1514 *Cyperus* ?
 1515 *Scutellaria lateriflora*
 1516 *Selaginella rupestris*
 1518 *Pinus rigida*
 1520 *Collinsonia canadensis*
 1521 *Caulophyllum thalictroides*
 1522 *Frenanthes altissima*
 1523 *Serapias helleborine*
 1524 *Impatiens biflora*
 1525 *Rubus odoratus*
 1526 *Lobelia cardinalis*
 1527 *Picea canadensis* ?
 1529 *Lycopodium tristachyum*
 1530 " *complanatum*
 1532 *Habenaria clavellata*
 1536 *Aster schreberi*
 1537 *Frenanthes trifoliata*
 1538 *Frenanthes alba*
 1539 *Lycopus americanus*
 1540 *Hieracium aurantiacum*
 1541 *Spiraea* ?
 1543a *Maianthemum canadense*

Mr Hugh H. Altis

Nov 18, 1946.

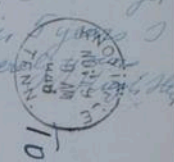
Bot. Dept.
V. of Tenn, Knoxville
Tenn.

Dear H. Fogg:

I received your kind letter and
will send you all my Pennsylvania
material in Exchange. I have only one set,
but since I think it will be of more use
to you there, than it is to me, I would
like to exchange it, preferable for Mt.
Lake or other Va. collections. I shall send
you one Plant after Christmas. (over)

I hope that, when you get the plants, you will not be disappointed about some incorrect identifications. At that time

I was only 16, and had a pretty hard time with Gray's Manual. Please note, that you have done me an honor which I do not yet deserve - maybe in 10 years I will be Dr. Sinner.



Vice-President
University of
Pennsylvania
Philadelphia, Penna.

To
Dr. John M. Fogg
U.S. SAVINGS BONDS



Fredericksburg, Virginia, Dez. 18, 1946.

Dear Dr. Fogg:

Today I shipped to you the largest portion of my Pennsylvania collection. Numbers 1413-1411, 1435, 1436, 1445-1447, 1450,, 1470, 1477 1478, I am unable to locate at this time, but will send them to you as soon as I find them. Duplicates of some of the missing numbers, are deposited at the U. of Tenn. Herbarium and I will see whether I can find them. In this shipment there are 105 sheets, not counting the duplicates. As far as returning anything in exchange, there is no hurry and it can wait a few years until I finish school.

You ask where Frisbees Pond is. It is located about 2 to 3 miles north of the lake and between the lake and the Road to Scranton. I will enclose a small map and maybe you can find it then. The lake has a lot of Beavers in it and is not natural. I think some people dammed it so that they may raise these animals.

I hope that these plants will be of some help to you. If you find any incorrect identifications, will you please let me know. Wishing you a very Merry Christmas and a Happy New Year, I am, very sincerely yours,

Hugh H. Utis.

from Fagg

January 21, 1947

Mr. Hugh H. Iltis,
Department of Botany,
University of Tennessee,
Knoxville, Tennessee.

Dear Mr. Iltis:

Please accept my belated acknowledgment of the package of specimens which you so kindly sent to us several weeks ago. They arrived while I was away at the meetings in Boston and I have been so busy since my return that not until a few days ago did I find an opportunity to open the box and examine your collection. These plants are most acceptable and we are delighted to have them as an addition to our state records. I have not yet had an opportunity to go over them critically but hope to be able to do so soon and if there is anything to report in the way of corrections, I shall certainly communicate with you.

I am grateful to you also for your sketch showing the location of Frisbees Pond which had been puzzling us for some time. I shall be happy at such future time as you may designate to reciprocate by sending you duplicates of such nature as may be of interest to you.

I am a little bit concerned about the type of label which you have used, for in some cases it appears to be too large to go conveniently in the right-hand corner of the mounting sheet. We use here a standard, somewhat smaller white label. It may be that we shall have to transcribe your information, at least in some cases, to our own labels, although of course we shall preserve the originals, as is the regular procedure.

I hope that you will find it possible in succeeding seasons to collect again in this area for there is still a good deal of information which we need concerning plant distribution in that section of the State.

With many thanks and best wishes, I am

Sincerely yours,

Professor of Botany.

March 5, 1947

Mr. Hugh H. Iltis,
Department of Botany,
University of Tennessee,
Knoxville, Tennessee.

Dear Mr. Iltis:

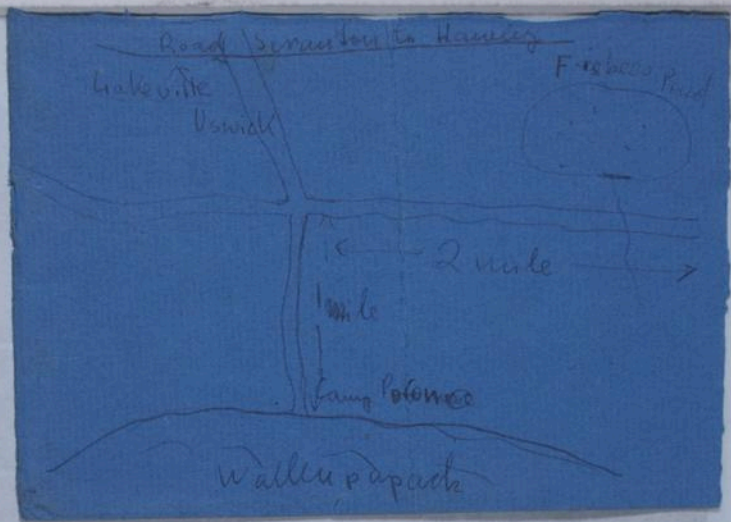
We are still having difficulty in locating Frisbees Pond. The map which you kindly prepared does not agree with the quadrangle and I am wondering whether there is any additional light which you can shed on this problem. There is, as you doubtless know, a new Hawley sheet which has recently appeared and no pond appears on it within two or three miles of the spot indicated on your map which I am returning. It may be, of course, that there is a new road which we do not know about. If so, we should like to know where it lies with reference to your pond.

Also, we are puzzled by the reference made on several of your labels to Camp Potomac. We assume that this is not the same as Camp Pocono which you did locate for us, and we should like further information concerning this locality.

Your specimens are all mounted now and except for these two localities which are puzzling us, all of your records have been entered on our cards and maps. You have added a number of interesting new stations and we are certainly indebted to you for your kind cooperation.

Sincerely yours,

Professor of Botany.



THE UNIVERSITY OF TENNESSEE
KNOXVILLE
DEPARTMENT OF BOTANY
April 15, 1947

Dear Dr. Fogg.

A few days ago I received a letter from Mr. Faxton, who runs the boys camp "Pocono" in which he told me that he will write to you concerning the exact location of "Frisbees Pond" and also concerning some future cooperative scheme in which the boys at camp might collect plants for you. I hope that it will be successful. Some of my friends here at UT are going to be councilors at Pocono next summer and I have told them to collect as much as they can and send the plants to you.

You were right in assuming that the labels saying Camp Potomac were the meant to say Camp Pocono. The summer before I was in Penna. I spend along the Potomac in a camp, and the error arose from my mixing up the two names.

I would appreciate it very much if you could send me any of your reprints dealing with taxonomic studies (or ecological and plant-geographic ones) I intend to stay in Botany and am buying and building up a small reference library, since in Fredericksburg, Va. where I live only very few books are available. I hope that none of the plants have been misidentified.

With best regards, very sincerely yours

Hugh H. Iltis.

from Fogg

April 17, 1947

Dr. Hugh H. Iltis,
Department of Botany,
University of Tennessee,
Knoxville, Tennessee.

Dear Dr. Iltis:

Thank you for your letter of April 15th.
I shall look forward to hearing from Mr. Paxton concerning
the exact location of Frisbees Pond.

Under separate cover I am sending you a
little series of reprints of some of my articles with the
hope that you will find them of some interest. Unfortunately I have long since exhausted my supply of certain
papers and these are merely the ones which are still in
stock.

Sincerely yours,

Professor of Botany.

*Reprints sent
April 22, 1947*

from Fogg

December 10, 1947

Mr. Hugh H. Iltis,
Department of Botany,
University of Tennessee,
Knoxville, Tennessee.

Dear Mr. Iltis:

Thank you so much for the copy of your paper on Mendel which you so kindly sent me. I have read this with a great deal of interest and have shown it to Dr. Samuel W. Fernberger of our Department of Psychology. Dr. Fernberger spent some time in Czechoslovakia several years ago and visited the Mendel home, and even brought back with him, to be placed in our Museum, a herbarium specimen of one of the peas with which Mendel worked. He, too, was extremely interested in your account and feels with me that you have rendered a real service in bringing this matter to the attention of the American public.

Sincerely yours,

Professor of Botany.

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

DEPARTMENT OF BOTANY
BIRGE HALL

January 19, 1956

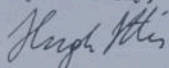
Dr. J. M. Fogg
Department of Botany
University of Pennsylvania
Philadelphia, Pennsylvania

Dear Dr. Fogg:

I am at present writing a notice concerning the distribution of Rhododendron Maximum and would appreciate it very much if you could enter the distribution of the species in your state (and in Virginia, South Carolina, Alabama, and Canada) on a distribution map or give me any information such as counties and towns listed on herbarium labels regarding its occurrence in your state.

I would very much appreciate your cooperation.

Very sincerely,



Hugh H. Iltis
Curator of the Herbarium

HHI/lcl

How is "The Flora of Pa." getting along? a plain list in longhand would be quite satisfactory.

January 26, 1956

Dr. Hugh H. Iltis
Curator of the Herbarium
Department of Botany
Birge Hall
University of Wisconsin
Madison 6, Wisconsin

Dear Hugh:

I am enclosing a copy, on bond paper, of our distribution map of Rhododendron maximum in Pennsylvania. You will observe that it contains in the neighborhood of 175 localities. Each of these is substantiated by a specimen in one of the four large herbaria upon which our work is based: University of Pennsylvania, Academy of Natural Sciences, Pennsylvania State University and Carnegie Museum, Pittsburgh. There are perhaps 25 or 30 additional specimens from the State which have not been entered either because they come too close to dots already placed on the map or because we have some suspicion as to their being natural occurrences.

You will note that this species is well distributed throughout the major provinces of the State with two exceptions: (1) It is uncommon in the Piedmont except along the important rivers (Delaware, Schuylkill, Susquehanna) or their tributaries; (2) The northern tier of counties where suitable habitats for this species are lacking. I trust that this information will be of value to you.

I am having the records from the other states copied for you and will forward those as soon as the job is completed. There will, however, not be too many of them since our own herbarium is naturally strongest in Pennsylvania material and we have but a scattering of material from other states.

Sincerely yours,

John M. Fogg, Jr.

enc.

Additional Records for Rhododendron maximum
 from Herbarium of the University of Pennsylvania
 (Not including Pennsylvania records)

New York

Chenango County
 2 mi. n.w. of Union Valley

Ulster County
 near Wildemere, Lake Minnewaska

New Jersey

Sussex County
 4 mi. s.e. of Montagu

Burlington County
 Atsion
 Bordentown
 Florence

Camden County
 $\frac{1}{2}$ mi. s. of Berlin
 Sicklerville

Maryland

Garrett County
 4 mi. s. of Grantsville

Virginia

Patrick County
 near Stuart

Fulaski County
 6 mi. s.s.w. of Radford

Bland County
 3 $\frac{1}{2}$ mi. n.e. of Mechanicsville

Giles County
 $\frac{1}{2}$ mi. n.n.e. of Kerns
 1 mi. s.e. of Mt. Lake P.O.
 1 $\frac{1}{2}$ " n.e. " " " "

Roanoke County
 3 mi. s.w. of Airpoint P.O.
 4.9 mi. n. of Dixie Caverns

North Carolina

Watauga County
5 mi. w. of Blowing Rock

Pisgah National Forest (no county given)

Biltmore " " "

Georgia

Tallulah Falls

Gainesville

Tennessee

Unicoi County (no locality)

March 16, 1960

Dr. Hugh H. Iltis
 Department of Botany
 University of Wisconsin
 Madison 6, Wisconsin

Dear Hugh:

Following the receipt of your recent communication concerning Tsuga and Buckleya, I have checked the records both in our main herbarium at the Department and our smaller collection of woody plants here at the Arboretum. The net result of this search adds very little to the information already in your possession.

Our specimens of T. caroliniana come from the following counties:

Virginia

Smyth
 Montgomery
 Bedford
 Patrick
 Roanoke

North Carolina

Watauga
 Yancey
 Ashe
 Caesar's Head (no county)

Georgia

Tallulah Falls (no county)

This seems to me to add only Patrick County, Virginia to your list. Here at the Arboretum we also have sheets of cultivated trees from Rochester, New York and Camp Hill, Pennsylvania, which indicates the hardness of the species far north of its natural range. We have several good specimens growing here at the Arboretum.

Our combined records for Buckleya are:

Virginia

Bland (my Mechanicsburg collection)
 Roanoke

North Carolina

Buncombe
 Madison
 Paint Rock (no county)

North Carolina - Tenn.

Asheville to Wolf Creek

Tennessee

Sullivan
 Unicoi

March 16, 1960

Dr. Hugh H. Iltis

- 2 -

Out of more than a dozen sheets most say merely "growing on T. canadensis." None mentions T. caroliniana.

I asked Dr. H. L. Li, of my staff about the two Chinese species. B. Henryi and B. Graebneriana. He says that their ranges, which overlap, coincide with those of Tsuga chinensis, but has no information as to whether they are always parasitic on that species. Dr. Wherry tells me that our species may grow on oaks if there are no hemlocks present. Of this I have no first-hand knowledge.

I am glad you are looking into this matter and shall look forward to seeing your findings in prints.

Sincerely yours,

John M. Fogg, Jr.,
Director

JMF:am

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P
Y

Dr. John W. Fogg
U. of Pa. Phila.

Madison 6, Wisconsin

Dear Dr. Fogg.

Following the innovation of Herb Wagner (it is always easy to blame a colleague) to save time writing letters, I am multigraphing the following, with the hopes that you may be of assistance. I am interested in the detailed geographic distribution of

1. *Teuga caroliniana* (to be distinguished from *T. canadensis* by entire, not minutely serrulate needles).
2. *Buckleya distichophylla*, a very rare shrub of the Santalaceae, and in
3. The host trees or shrubs of *Buckleya*, and if the host is a *Teuga*, whether *canadensis* or *caroliniana*.

X { The range of 1 and 2 are so nearly sympatric, that one is led to the suspicion that the two have been associated for a long time as "fellow-travellers", and that *T. caroliniana* is *Buckleya*'s original or favorite host. Whether this can ever be established with any certainty, I do not know. But in any case a detailed map of both taxa is highly desirable for this purpose.

The following stations are known to me for *Buckleya*:

Virginia: McCoy, Montgomery County; between Cove and North Mts. Roanoke-Craig Co. line; E. of Mechanicsburg (Mechanicville), Bland Co. ← This, I think is your collection!

Tennessee: Between Paint Rock & Del Rio, Paint Rock, Wolf Creek, Cooke Co.; Bluffs on S. Fork Holston R., rd. from Bristol to Shady, Sullivan Co.; Bluffs above Holichucky R., Unicoi Co.; Unaka Springs, Unicoi Co.; E. of Hampton, Carter Co.

The following county records are listed by James for *Teuga caroliniana* (1958) in a recent article in *Castanea*:

Virginia: Rockbridge, Boutetourt, Bedford, Craig, Roanoke, Montgomery, Floyd, Carroll, Wythe, Smyth, and Washington Counties.

Tennessee: Johnston, Carter, Washington, and Unicoi Counties.

North Carolina: Stokes (Based on (?) Pinnacle Mt. N.C. A.H. Curtis 2663 (?)- Could this be in S.C.? -- there is another Pinnacle Mt. with this species in South Carolina), Ashe, Watauga, Avery, Mitchell, Yancey, Burke, McDowell, Buncombe, Rutherford, Polk, Henderson, Transylvania, Jackson, & Macon Counties.

South Carolina: Greenville and Pickens Counties.

Georgia: Rabun and Habersham Counties.

Any detailed information as to the geographic distribution of the two species that you may be able to give, especially for your state, would be much appreciated.

Knowing that you did some collecting of *T. caroliniana* and *Buckleya*, I thought I would ask you for this information. Any help would be much appreciated.

How is the flora coming?

Hugh H. Iltis
Dept. of Botany
Univ. of Wisconsin
Madison 6, Wisconsin