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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.

1943-1

MEMORANDUM Digitized by Hunt In BOBKent Documentation

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lotteven Foundarie City of Synn Enter Randseph Con. of tynno Queen, P. m. elm, Queens, Rick, walnut South oux, elm Enter Jacq Ca a georg taak trees van turbouries also pri Podoud another val grove. Digitized by Hunt Institute for Botanical Documentat tall bur oal a fen elm wh. oal small am hill small ach Jenall Cherry Beet un a valle Hat lat suplaced only about 15 87 Righer Penmoille, a very Blask with while week with teed susple, elm

July 9. Lv. Bluffton viant. 116 Black oak - whook very lor sign broad redge !! walnut. higher spege, will Soil one noch pleans in geg not as lungle black soft on neithreadger. White oak flut ge hape (cross let I albut 2 mull.) more maple in lloghely Digitized by Hunt Institute for Botanical Just Not job of 114, on 9, Land in general quite flat mil low sitelled very shallow broad depre Lifer - sirl darle, jelmer pell Lom broad general upland beech TH HH s: mybl. +++++++ Carga cordy 1 walnut 1/Emaller Que, macro 1 elm (roc.) HH Syc. 11. Ky Coffee (smaller) 1 Swall life Cowering

several gres, old, in notice posepletic The year fromounced wordend place, more On US 30 w. of Col-City a slipe to runne looks quite diff Sm. + blmaple beech Illia with undergra Craturques punch Digitized by Hunt Institute for Botanical Documentation beech refer Smil. rac Cyst fing maple " blue vholet Celtes Carefast y, violes Baluin cone Phlo devan Berkey Woods no Phryma Inf. Jallela Intil fine Hydroph can, upp Bodoph Gream glamons Predera flerea

sittle mobile lindergy: asimilaro A. on duel alsoulies by Ashleway Wet, & mosquely the In no man Sanbury Trillian for Lach Pater Rispedie don. occ tul Campaner Circaea Privipermun Lapaten Gum can Piles cyn Digitized by Hunt Institute for Boranical Document Curger beech the the the the 2 maple TH THE THE THE elm # HHITHIN hely ! Tella HH Caryacord. 1 Ulmes fulra Celtis / (frig) la malnut clent asculus glabra l'alout 18 in D BJ ballar bormay). Que, mais 1 the large of bur vale her a the US. ht 124 ft. diam 7 1/2 ft. est age 6 on you

White ush a little beller refer in middle size clean occasion of quite small hely tries Luts of small sm. 7 comside som beet Telian Small brecherge prelly well postbood more little buly along Eveny ali Topografley; slightly lines, di quite wit Digitized by Hunt Institute for Botanical Documentation the of slight descent from higher band just to bruch And >N and Souther fact of words so good. Part counted slightly higher back -the part more or less along the roadway to pottly from sign "Berkey hords" to higher toh like trestorts work lines, Thou else,

Elons are white, poch also, similar to our for the m. B. M Shar has progressed slightly beyond By trage a deep Heis type in sea gluence area I some of to the m. E. of Berkel homes On 15 Mel of Leesher deep of Digitized by Hunt Institute for Botanical Documentation (a grandpit at L.) then a mile or so m, a dry black out- who val year words - dist , and, grass under; covata Some prairie plants just 8. of Leeshing - mil Sulph, ter, Robbida A. of melford on #15 -lots of Eilium predigener who hamphort anthles. Flr. pary from wangs to red John wangs to

West of Joshen -SM- THE THE HALL COL-1
Beech- THE HALLAND Coch-1
Slighly loner & futtesh SM- # HH HH HH I (Belif (smaller than SM) - 11 Then a slight down slip again, his more beech age a walnut; then flatted orgain, which is Mension arisaems Bension Luporten Corners flow Hydroflass Xanthox amphings Samburage and Drolles

Milberry Soledays Catif

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Pibes cyn Galuin cone Ribes eyn Rubus oca ? Eugh, eurtice Lots of beech perfordute whash set elm sm. walnut July place where beach is really big (tushing as S 19) isin higher slopes Some words of all amalluly of som. July (This n-5 rd to Dullafon 33

sele 10 on M60 go down a hell - west blofe is all white oak gravelly & sandy & same Clay - more like drift Mileteral - Of Roans Welneen (visinty of taylon attrad rolling Explana area has sion, trush carly Telia, Walnut, affarein wellow and Digitized by Hunt Institute for Botanical Documentation Chauge - all out - Lickey B-m. aguin Warren's Woods Berrience mich July 10. Entrance on Lakeside Pd Itel alove river sortsand Bolige hring Osmorhiza liney Gradligel, week Sol, colsia

This is B-Monds enphrenced with active Predera O Comes flb. Sol lef Benzot Rand Ligh Small Tres asch, phyto beech Ran Jeden smile dozimal Sambrece Ta wh ash Ostrya Poly Try Carpin geranin ma Francister Bligheles his red oak asimine Tilea, middle sego Biles cyn 7 smill arisiemetre igitized by Hunt Institute for Botanical Documentation Humus layer lopor duff over a dark at 4 do in to yellow brown pand asplang Epfrys asplacerst Red. sept. in Junger a int spit . Smalden rec Polystuh Plyes top beech, &m., tuliplen red vah, sy advantur Phlay dir? Lupoten Caulophyll Hydraste actuen all

count along faint lenda 18= 1444 Ht 41/14 Ht beech TH THE THE THE THE THE 50= ### # WES sycamore (Tilen 11 elm ttt 11 red rah tulip 1 Carya frata 1 Elms generally localized Digitized by Hunt Institute for Botanical Documentation middle vz sample beach # HAHATH THE maple TH 1 Ostrya 1 Icha II ashill Earpines / tuent ! Small stuff as from is beel places, much

Samuela of Epifogus Phylolonia Steep bank to prampy a with red but That dire Stepat accep Haminelis Podophylle more geran " Sol our Doner level, but sulf This is "mitchella terel")
Digitized by Hunt Institute for Botanical Documentation metabella Spiraland Third, grad Polygonen life n. 2 Rufflink more fine 3till lover und same Bronne of more Teli-John core Celistry

revest level, Campanila ame Scrib, dras Sm. por cicl Benson pland Psedera Polygving asked harf That of maple whark Smilden Smilay he Eup. mit ger, mac Digitized by Hunt Institute for Botanical Documentation

Putchella level; -Beech HHHHHHH DI ### red roh Ill Small trees beech THATH maple 1/1 Tell smaller more mafter more mafter thanks

Towest level pometime "elm### syc 1/11 ash ## butternut) solver mobile (1) walnut 1 Shark III 3 Slightly higher but not do high of mitchella 3 m HH HH HH HH 111 HH 1 26 Irlin 44 + 111 111 Digitized by Hunt Institute for Botanical Documentation Trible HH 1 beech HH TT tH 15 ash TH syc III elm IIII. walnut 1 mod, size maple the HH HHI Lily Mil Qu mubl 1 hach / buch 1 See 3 ph when

Digitized by Hunt Institute for Botanical Documentation

White oak woods - from Diam Orlan - (state just W. 7 27) west on 120 sout 1/42 Ren Eulendgogs wiff to around lake to first crossed, then 5-(sand + (tell's oah))
to prairie & on s to
woods on left, Works goes boch 13/4 mis In flat words. while elm, air, Redde ni bach en (Floyd Carpenter Sons) (60 4 mis S& of mongo Digitized by Hunt Institute for Botanical Documentation 4-5 mi west of Home on rt 120. Harm right of cemetery (n. 1/2), W. 1/45 turn right & cross rises) words (Olney, owner) continue n. then left (west) to Seatt, S. of mi. will be buch in 1/120 block whoch.

gareral - incornection Inthe Warren's und: Soil is pand; an underent bank of river shows all sand woods on pereral "levels" drainingl, except very locally (when Philopethia); where there are little web defr. generally elm.

5) a loner level, perhaps 10 ft

down, coalled here "mitchella 3) another stightly love barions cut offs, etc. Dhowest, reached in part igitized by Hunt Institute for Botanical Documentation General upper level & slong main parl THE HIT THE Ilin | Tulis I buch 44/7#11 south 111 cherry, Mulmus)

Harris woods-Bridge-Eacollane-Donngineigitized by Hunt Institute for Botanical Documentation Fred Russ Fresh = newtons words Beech - maple words Lilia Evory obry

Tilia Evory obry

Trilli grand Pheloddin

Carear h. sor cuely

Collensmin Prederal

Blood of Gilmin come Samuel bets accent Brochyellred Worl go Hydrastis Caporlea Plephilia firs Glivelet Ester cond, Chie Emplacemen amphicarpe Hamandes Peles

Smull) Centimers Infat fall Extertion wh ush Adenthy dogwood areliph assmen arisaam tru asplany Polys Rolling vir Whosh-part malanthe Indiante day

Polygon left of

Rester marriage

Petroladistribute

Digitized by Hunt Institute for Botanical Documentation Beech 17# 11 > 5m #H 11 June elm # ## 11 Walnut HHI red oak group 49 whook the the the the them the red oak THI traling TH 11 am- HATTI ash hely HH. 4 Ilola 111 myssa

a lot of maple nos beech still small mable almb 10-12 his Ostryn Samb ras bull vas dogwood nysas black & Shy 2 maple heigh Caryacold Cherry aspect is more B. M who wat ! ashi red wah 1.
I lia M THE THE HH III elm THT III cherry 14 Walnut # 11

Ruce forest my on a lugle level, been tol come Lagona we lame to Deeding Tred Russ Forest college Frof of mich State College East Lansury new highway - 10 B-M types similar to yapteno words, bast count on frences much white och, Digitized by Hunt Institute for Botanical Documentat In the white back part Sugar maple is Not as large is in the B-M fact and any beach is in The 2-3 in class. In some places, no beech In the narrow trans zone, beech 6-8 in The opperant forest char. Some of the vake feint lies fores - pome intends to edge of smart (shunk ealloty & Panick Value) of swamp a cut of form connecting with big creek. Book July creek Bonks as in Warrens (

Umdo. Succession here who vah -7 mer un maple -> B-M The whole fore ton upland level high above the low (+ sidningry) plain me descent to in long to Dustin Overnight at Ostemo Digitized by Hunt Institute for Botanical Documentation Invalled on the 121 of lots of who oak, etc De powerhere Petrylen Kalenman & Hayland Lotography because bread flet erees. Str. Refers, Then yelled DEN agrelie. who seek ber dan mit a little heck very moramo top 5 mis Rockford whome

with oak on monne Sassafra fullah Horung Gig Land flattish to except for granty munistre WF - ady Grully megentel like red tal. Lit of Pter isocated becality Digitized by Hunt Institute for Botanical Documenta paor beech maple with a whele fine Card good farm Just for Paris pertrusede Osceola magle exemp fots maple - sprout

most rolling country that is good farmland with Tili across from Kalkarlea flatt, kme bryg, to oak the Kalbasha end One Josh Pine flat with Kalmen layer com much heliun phil and.
along of 131 vir Kalh. of
along 27 (detorer) pies

1, of Grayling. Digitized by Hunt Institute for Botanical Documentation Hartwick Pines. Hamanelis metchella aralia nude smaple Trentales, Corylus Polygola paice Fordiera can Vil acery Chamapliel amb buch 1 who hered red maple Rules blank Clentonin Riperpolin ann Hedeola. aster mairo Detryn arenne gri redpospl adain bella JR' John Sters - log m and spin

Undergrowth brees (6-8-100) red maple S. maple hemloch Ish pine mly in open parts Top of full does to be all red per ships In some parts of flat Smalout cores of Botanical Documentation Largest white pine for bent mest of hell so diam 13/1 Higher flet - (like lon (22)

Grand cover mil 3

There of asp, spin, crease

red rap, S. mile.

Hurge Middle

Hendrich THE THE THE THE THE THE THE HHHHII IH 111-1 ybrih - 11 WH HAPT Jeul-11 2 mille-11 THE Oslinge red oak -1 who pine - 1

RGF Hulle LARGE Jemboch - TH 111 John Pine-1111 Yhirly-1 Joceph - 1 Flat Oren 4) 141-111 25 mloch - ## ## ### ## ## ## ## 43/ Hrmt H H 111 brech- HH MI / Smylle +++++ 1 # # # maple-74411 44411 #41111 Digitized by Hunt Institute for Botanical Documenta notfruged Botrych, lettle, mulchel Conf on Flat, bufred p enles Qua HH ALL MINHALL ned maple hender 并带州 IHH THI

The community - 1/8 Dris Herande but makes no diff is Inder surrolling (area 5a) Whome - HHHHHHHH VI 一生生 redpine ##1 1 beech 11 Lembril 批开 redmaple 1 1111 Digitized by Hunt Institute for Botanical Documentation Sandy Still (aren 2) Who have THATH (HAMAHA hemlock 1111 11/11 red maple 1/1-1 beech 111 smelle

General - Hartensk pine Flat af entrance gento forest. This love slipe of trees ta for failly large mes. area I sel county Then a hill sand with red pine mufest with who area 2) In this the trees are not as large as in faither part of words, & the middle size dec, trees who are constitutare in the pine Then down hill & igitized by Hunt Institute for Botanical Documentation not counted, to morarely Pene " missing to high forthendock + der trees (Buch Tomas & Pine three a trans, area 3a That ared 2) where Here, The hemlock + pere class vretaling rime size ind, est. (ore)

Continuing on flat
forest changes to
the pine-red pine
but not properly
diff. In this ceto
muted is largest t
hendre next; dec.
spp. mostly smaller,
that Instronted in small group, with less red pine General indications point to final replace.
ment of fines by
hemboth + n. haldund
i, e. penlih-beech-p. m. Digitized by Hunt Institute for Botanical Documentat area 1. - of Hartwich Pines Big. middle Size middle Size Whitehine 57 hemlock 18 37 redmaple 12 Sugar maple 8 redpine 7 beech 2 Jellow brock 1 2/2malle W. bl. cherry In area / white fine trees, to a few red pines also; loopslike fine forest. Other "canopy treels" of they are beginning to take &

place me the canopy, for a few themlocks red pines Of the deciduous species, red maples are generally bigget, equaled perhaps by an occe simil s. maple In the meddle size class, maples (relt onger) Lemlocks, & who pene are generally, although not always larger than love than any others; i has not phetched up white pines usually botheremore of in In the next smaller igitized by Hunt Institute for Botanical Documentation group (not counted, a higher proportion of 3, m & fever red maple agreat many very small sugar maple, ground, bloves corery Beech present in all size classes except large, and an considerable has (but not counted) where whitepene is gone (former windfall?) The decedu-vies spp. of 2 nd layer have filled space. a prece of deciperous woods with occ. hemler

In parts of State Frest ady & to H, fines, Lots of tomarade fruce. of jack pine & of aspen. 54 3, - 37 4 96 5 102 60 449 400 849 Sarrou - Edm. coo Opol Sun the Part X Welv. Sound Sous Books fry Trinker gest Sunday

146. Berkey mond \$ 333 449 Itartind pue 8 mphos 4 god 864 at Portland