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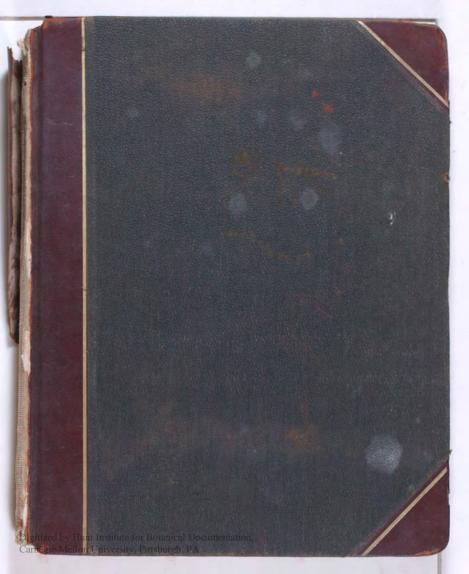
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About the Institute

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.





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Small Trees not showing bloom Trunk Jul on the limbs, 3 4 ft francisco branched Blos from ground. 4 mcom plets gerden put the larger lambs 3 to The rather small not chowing any bloom Trunk travaled about 15 to fin ground True just commencing to show a few for bads Track branches b was from ground. liner 3 4 ft from grown. O. linto 2/2 to Bih It for ground? Tree rather small not slowing bloom Tount branched 12 in from gracered Showing a very pew familes of bloom. Trunk drander 6 hb from ground. 6 levels 21 - Oft from ground. incomplete girdler feet & man limbe Trusk branched 18 in for ground Thomany a few Jamoles of bloom frunk hander 18" flow ground 5 incomplete gendles fut in 2% to 3 ft fum griend. igitized by Hunt Institute for Botanical Documentation,

The state of the s Peters Bombay Mr Van Dernann sups he got this variety Tree indicate a boat dear crown very Branchitel why that and stiff southers own les at the type, she flire long. I shang minutely And want I Lateral's alow igitized by Hunt Institute for Botanical Documentation,

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19 Mod God Early news the Washington Navel These thack exceeded quality I see merum sense a rolling India to ange of fruit. The los about 100 funt Here wenter, a few last yn (1st crop) ritized by Hunt Institute for Botanical Documentation negie Mellon University, Pittsburgh, PA

20 tetalizing you Know and I called on Chas C 1694 APO 19080 Gunt. applicationalist on, were being put in in Dec. In bud and down with ful fruits at on rnegie Mellon University, Pittsburgh, PA

13 of read a S good Just furthing Grow 1.16227 nepear tipe, our Questino. Samples 16211 to 16223 meline were Bud pot in now 14 BIX on Mexicon seeding true back of (16225 and Garden But) gitized by Hunt Institute for Botanical Documentation rnegie Mellon University, Pittsburgh, PA

32 Thursday Mason to agree 6 gr Testiley when young every I worke , later ! time it mostly to restore trees applied what I le as an application. gitized by Hunt Institute for Botanical Documentation, rnegie Mellon University Pittsburgh, PA

polling us true the Son JE. yesterday was also ation with only a light treeze. I lend people for there is noting cross terlay or well als on previous sunny des aremobiles and we love of lest omoffule, deple fels in which there was pollen highest speed. at the said of the he Ginging to the arthers. boxed pollen to Finalism from of the gitized by Hunt Institute for Botanical Documentation regie Mellon University, Pittsburgh, PA

Monday Mami Ste april 10 1916. Coleador in garden refamined for differences in floral characters: 34831 Mey type From Row then Eisen. Bliments. Berearth segme 6 mm long in Verenth, planents. and style gente hairy. Segms ovate lancelate, acute Gernanth segms. 5 mm long, oblong, landolate to lanciplate 2 mon trade narrowing toward scotte app legme felaments of style quite houry. 36604. Gust. Nutney, from Hondula T. H. Personth segms 5-6 mm long, 2,5 mm broad oblong larecolate or lancislite, acots. Signi filamento & style covered with short hairs. 38549 Guat. From artigue guatemale, three Cart. Perianth segme. 5-6 mm long, 25-3 mm broad, water acute to toda lanceolate acute. Branth segus. I plaments finely having, style very sparsely so. 12935. W. I tamely from Reff. Buena Vista Verianth segms. 5-7 mm long, 22.5 man broad, lanceolate acute or long acute. Segus gabrate, felaments and style glabrous or very marly so.

26690. W. J. Buther, from It Petersburg The Sevanth signs 6.8 mm long, 2.3 mm broad. lancecolate a cute. Degree, planeate & stigle abundantly but finely hairy.

Deventh signs. I mm long, I mm broad, obling har solot to lanculate acute. Degree filaments and style about only & norther country having.

12933. W. D. Baldwin, from man.

General acque. 6-9 nm long, 2-3 mm broad.

lanceolate, acute or long acute. Segme, flamesto
and obje abudantly but rether fencly havy.

Orienth signs 5-6 mm long, 2-2.5 mm broad, oblory la ceolate to la ceolate, acute Acigns, flaments of style abundantly but nather findly publications

16170 bs 9. From Monte Grand Parary.
Burant some 5 mm long, 2.5 - 3 mm broad, elleptic
lanciolate, Coul Degra plan into I still findly Authority
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rnegie Mellon University, Pittsburgh, PA

10978. Grat. From Genterale them Callins. Persanth segments 5 ms long 3 mm broad, ovater acute to Carata lancedata. Segme plasments to Ayle shortly but outher thickly Spuberiot.

19080. Goat From Gratewale, the Collins. Personth segms. 56 sem long, 3 sem broad, elleptic to ablong elliptic , acute. Segms felements of style aboutly but rather thickly publicant.

18120 W. 9. From Boyanor, P.R. Devery 3 min bread allong 15 to ready 3 min bread allong to lancalate. across Lyons, framents of stage finely publicant.

26713. W. D. From Hothe, Coconit grove. Persanth segments 6 mm long 2.5 & 3 mm brood, elliptic Ancedate to lancedate, acut. Legus, file. nunto & atyle finely & not very thickly photocent.

2695. W. J. Fam D.M. Fettet Morso. Flo. Devanth segus 6 mm long, 2 mm brooks, lanceolate long about a Segue Gramenta & slife very opensely polishent:

19297. W. J. Wester, por Coconut grove Generally seems 6 no long 25-3 ram broad, Collection lanceality ocute. Tigns, filamento + stiple dundantly but finely pabercent. 26693. W. J. From Capt Thompson, Coconut grove Finanto segres 6-7 mm long, 2,5-3 mm broad still alundantly covered with very short fules ceres. Colorado. Gust. From Los angels el Perenth Olyng - 6 min long, 2.5 Cont broad narrowly elliptie laserdate, aut Degres, plaments & slyle very fendly pubescent. Persanth segues. 6 m. lung, 9.5 them beroad lancedal aceta, legmo, filamento o style abundantly but kinely bellescent. 18729. W. J. From Massau N.P. Johnstone Pervanth segms. 5-6 mm long, 2-2,5 mil brown Carculated acute. Segue, planent of slight phendrolly but finely blobs cent.

18730 W. J. From Wassan N. P. Largo Dervarth segmes 6-65 mm long 3 mm broad elletic laresolate sente degue planentet style finely publicante O 267 10. Gret, Taylor from for angels Cal Perianth segm. 5.6 mm long 2-3 mon broad outer 3 elleptic - langestity man 3 hanceslate. Signs, planests of style abundantly rether Linelas, publicant 38888. Guet Murrety hom Los angeles Persenth segme 6-49 mm line; 2.5 mm broad brog the Clay ocolate, anter begins, pelaments I state abindontly + finely publicent 26707 W. J. From tulped Fla lancestate long acute. Ser in belamento & slyles alwantly published, the hairs longe 26705. W.D. From Cocont good Renant signs. 5 min long , 3 min broad Osliptic acute. Lyms, plaments totale ministraly pulsescent

48 Thursday Maini Ita may 11 1916 Epamenation of mango pollunation experiments un the Plant Introduction garden: Quateraton should be builded later than W.J. - probably now. madras SPI#10657 Feetaley who put don't / long. Pollinated × 571 11645 april 5 1 pm 10 pollerations 5 and 63 austernature to boff shipsed in Mores and got (abunage slight by und an \$18 per loss Dest results in greying in Moo, of Dec. Co be done as loft as mand with fair at this date, may 11, there are 8 fruits on the reveto. I yrow seedlings but age togrift Samcle 1/2 - 1/4 wel long. Thinks avocades should have water to alphanic SPI 8733 to period of blooming then with hold listen 1 Pollunted x 591, 11645 doing flowering and the apply aston april 5 1pm 2 again why the put began to we to rnegie Mellon University, Pittsburgh, PA

Wednesday Hew York City. June 14 1916 New York Botanic Gorden Herbarium. Casimirea tetrameria Millspaugh Costa Rea Tonding 1898. n.v. matersano? " (! sepote Erst.) Transl. yucaten 1896 gaune is # 1006. This appears to muito be the ops growing at Miller's, Hallywood Los. more tomentose below that C. edulis. C. Dules many sheets. Lansum domatiaum 1 sheet Lampongs, Sumetra fol. 1 " Stal Cour, P. I. 1905 " " fl. fr. Mangyera indrie M. follida I good sheets, Java laurina U" sheet ". altersine swerd, for for for fer. June odorate I sheet 7 It for fer.

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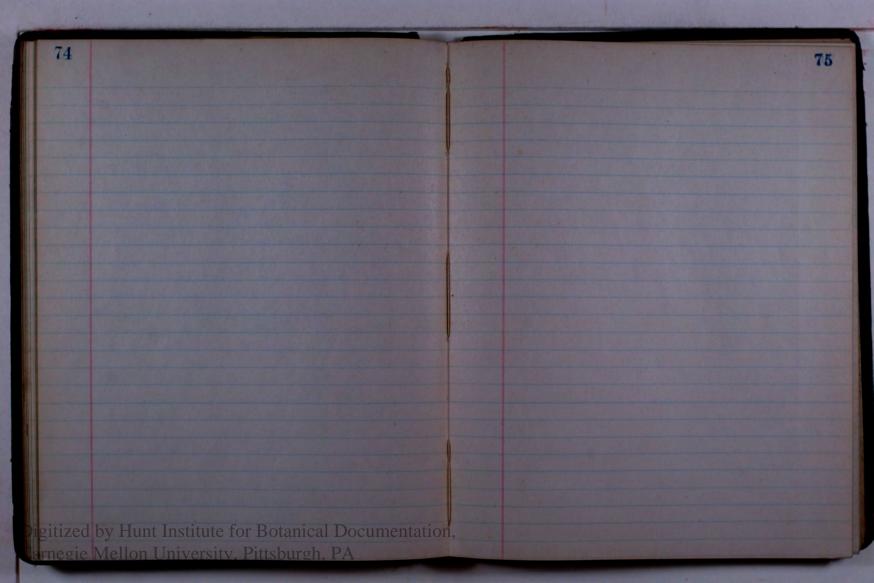
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Summary of Chap. I. The Granner of Science: by

1. The scope of science is to excertain truth in every possible branch of knowledge. There is no sphere of inquiry which like outside the legitimate field of science. To draw a distinction between the scientific and philosophical pills is obscurantism.

2. The scintific method is marked by the following features: - (a) Coreful and accurate classification of facts and observation of their correlation and sequence; (b) the discovery of scientific laws by sid of the creative imagination; (c) self-criticism and the final touchation of equal validity for all normally constituted minds.

I. The claims of science to our support defend on a) The Affectent meetal training it provides for the extrain; (6) the light it brings to bear on many suportant social proclems; (c) increases a most it adds to practical life; (d) the permanent gratification it yields to the authorite judgment.



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