10

Wc A. ROGERS

Nautical Almanac Office, Navy Department,

Washington, D. E., May 3-1 1882.

Siv:

The Fransit of Venus Com.
mission is called for
Saturday, Ollay 6 th at 2
P. M. at the Stantical
CHmanae Office.

Very respectfully I. Newcourk secretary of the Commission

President W. B. Rogers,

Minimarity of Virginia, Via, Prof. Low B. Rogers, Dear Lai, Throw already untlen Logon addressing Boston, as This not then Know the you would dop in Washington, I was very sony topins, on my When here, the 4th, that 300 hat left, I mulustood prow Trop. Smith That you would not veril the leavening has til my when, I wished to ask you about the states of my work on the Pharlie Ho: Va. After Dubmilling it 15 Prof. Powell, Thow worded horbling him about the head - Les, Dupposing the to would be allended to in destine, best the delay to make and rollier bupoliers,

Survey of Vergina, Ving 1882 May 8 Me 1882 My dief desir in the mot. inf. wom Hi Kapun . her is tofet the descriptions and eller trolions of the plant, Those seems a sering Books, and published. Irvill start in a few days for The Both the House that the Hoyd Photean when I you mounted thop in donding in, will work during the months I was very doing befind, on my of May and Tuno, Thopo when him the the that you Theolo you how necount had left I walned from from the cold That was Trubling Jos on Jour visit that must the you would with visit the laws of here tolles Veriversely, Jours Toulaine I very relevant traveled to who you should the Wedening a soon on the Phanks The the relience to the It-toli house for bole Contrarracte hit of fourth, Time world from the Subgret. browthing have the his He or hoping to estimate to Trypoffers afect " worth no 12 the transmit appropriate the sea to the season of the Me of the Same Same have y work in Fly I the to hear Thy sum wife will have put RI

Le Pay Forten May 12, 1880 Dentaly 12 8th when It was a direthoutest I with the of the hours as Seve male to speak for the Lutyer & you her on The will know Bry Porte for problems, the The on tale Law Hit sharping here how I the harry no loge artest at that there was the description was bond he after contable both one with the fortend governt & special Planeto has toos destrolond to probbit. I have but seem the factory good book - byladlathe for grants that was whole are Chief hormand and legter both, 29 norther So hatelekoon.

94 New Hork State Museum of Natural History, mailed pars, men Allany, May 9" 1882 my beart not Rogers There making are effort with undefilation of camplete my wests anthe Rel. W.Y. Mude a month uso her delayed in printing in printing -That asked Drothenh Ispeak Degace at the meeting of the national Academy in Washington but to have not heard award from him since the meeting -I Ashall ful queatty obliged of you will write a letter giving your views of the crew fort palaeoutology, of Recentific and madical in--portunce - many of our Legislators want & Know of what practical in festance the work muster - The

the desirablenely of completing the publication \_ Mr emplortance as a fash of the natural History of NewYork, and the extreme medesivablenel of leaving a with y this Riced holy finished. Freedush suggest on you will know better than or do what Iday I a 2 tate Defis lateries The matter is referred To the Senate Committee on Dublic Drinting, The Chairman is Hou, Addison P. Jones Please enclose your letter To my address and Twell see that it is abouce in The Juster kands Thope you are in good health, as also Mullagers Distissue please presenting succes regards and believe me News huly yours James Hall

To know Alden P. Jesus Ch. Lende Carin Roll Pruty Albay Ny.
Denfing Bonse Balon grather of scorethe adminta problech believe of hew york, their far perbust be the the the paper the east wit Mitthiston, butter from hot the hearing of his resembly fath Userel Be The Iraget they haporded for & that then may he to heathan to the Confliction of the work from Which the State has along De unfel h the State L'honorete a anene dane. It with to much to day of Fry Hales labours is this Out of natural Hest - Ihr his bolieres in- 12 l'ac. of My - Tente the Constitute the authority with on the board, of Ahre I'd to Where they Whate, & Kit they late lank both the bey higher

worth in the Knows Infacts Thet have been fut a linger a To And leave that Prop fell des 12 materia, from one on from adort bother 2000, for the frografi and at it would he tof soffeelt of het hefel ho Carry the girl work on who La has him as long enjoyed to (Confliction) under any other Lugar here the key, at bonto her and the observable wash of opportunity & a most fall earny to of discontinue or even h forthe delay 12 prosecution I publicate of his look. to the most conflicte affection Lecous . and its interfer letting to se 12 devet of Pay Rule boliston aron I to the perfet it how lowery & Story of the Short both bring enous; her work has and corner to its noment conflict

Philadelphia May 10. 1882 La See & Chandler Thy friend Commissioner Loring has briedly informed you of my wish to speak with you on the question of the Superintendancy of the national Observatory lately made nacant by the lamented death of Admiral Rodgers I having failed in my efforts while in bash to to see you, I take the liberty of writing breefly to you. on the Subject. While I am not officially authorised to express the opinion of others, I helieve that I represent the Judgement I wishes of the men of Lucie Miroad as well as in this country in daying that the position is worthy of & claims the highest astronomical genius Ruowledge & reputation which is within our reach. The Anciep of the Observatory mides the administration of the leate superintendant, as is well known, has heen largely due to the very exceptional personal

of the Rautical Ulmanac. They are both high on the qualities, which this admirable Offices I have brought list of the worlds great astronomers & would ather of noto officient & harmonious action The ability & them he beleamed to the Superintendancy of our national of the Scientific Staff by which the work of the Observa Phservatory by the hearty acclaim of the Scientific men - tory was carried on. Could another officer of like of all countries. Comprehensus mud & commanding Character he Its to their administrative qualities I am unable found it would I think be admitted that the scientific to speak, both of them have been I Profe Hale Interest of the Observatory would be secure. Able continues to be practically connected with Inch a humon of personal meluding the husdom of years & the cannot it is feared the duties of the Observatory, where he has been a he again Secured & nothing short of this could I think daily hise councellor of the Superintendant I am confensate for on the part of the Supercitendant honored beader in its scientific work. I may add that the literest of the observatory of of the Observatory of the highest Scientific attanments & destriction: connected with the huilding I organization on the hew site will call for the Constant Thought If then the choise of a superintendant is to be - Superuseon of an experienced astronomer having gramided, as I think it should be largely on Scientific full Penowledge of what is heeded for its qualifications I feel that the country is very fortunate hest equipment & a familiar acquaintance In hering able at this time to offer two such hames with Observatories Elsewhere. for your consideration as Proge Baph Stale of the Observatory & Profe Smow howcould the superintendant

You will, I know, appreciate the deep Interest which I feel in connection with our scientific men in whatever concerns the success & lenower of our national Observatory & will thus exercise me for troubling you on the subject. If I can be of further service hi connection with your enquiries on this subject I shall be happy to be called upon by you. Your of Terrant Milliam 19. Rogers. Prest Mat: Road of Jaines,

Dem Les Jose Chardle Cost Mil May-10-1882. My his Consular Long his thing home of my best to Speak to your the listing on the grant of fellight offer The hit! Obsert lucy have hart by the death of horace An I have to bloth of the britis bruth to be expect. ofen of Other, I believe that I fand, represent the front I bein of the Aren of Stanie about ashall in - This onty in Jay is the hoper sawing General Section what is with the land. The Tural, of the Observetory and the cartinate of the last persone Guelding of the A flancour a down the active, + leston & x of the Dentification to the Court of the Conference The to be hap be to Decen . Whole find a return of havens \* afrealet melinder the foreding years of the great hot me of fire & the conto a think companies full the dusting the Love South around & Edjulate 161

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I have that the Court or very fortunal to be all at the leave the corner of the same for you corners. as Por Asoft Hall of the Street & Port Frankwel 12- Superito y 1 hartest almanac They am both as you Rhow high on the list of the woold great lestrongres year by their love At I come ent to y Them be tollared to the It Informand of the nation Observed by the Leng ace lawn of the Santy nen a de Countres. As to the frest sentiting quely? I am water to he practicely consider both 12 the Observatory -When he has he conty the danly love Committee of It Supernbut & an honor leave he its faither ent the finding & organ to or the new Sets will call for the Corner ilought + enformation of an entering themen Comen full Know of what is now he is best equifored-Ha fandi acquarter with robbine alisting - in elsewhere -I have wearing into the man in whole occur we have the I remove of On Nederal Observed & will them me for Borth 3 m in the Set, or Stone of the West on the the the But hat I we call of the your and for your of the Bond of the South of the State of the South of

Phil a May 11, 1882 Dear Profe Your letter of the 8th nist; addressed to hashter reached me here last night. Returning to hash from a tour in ha late on Friday I met the lad news of the death of my noble friend adme Rodgers & decided to pause in Mash: to attend the Juneral & to leave what I could about the probable succepion-The havy will Sand sure wige the uppoint - ment as here to fore of one of the line Officers & it is most probable that they will breceed. Could they furnish such a very sceptional chief as the late Superielandant the interests of the Observatory I of Science would be in safe hands. But this I fear is out of the question & I have wiged thro an official friend the importance of surproving the present opportunity, to make the Supermetendance a purely scientific position

quite irrespective of havy or Mrny Service. he divided. The letters in favor of newcouch of I palled nearly the Whole of Monday in who you speaks are very thong & feelly desirved. I attempts to see the Fect & of the havy, at his have through this Newcoule confidentially less Them office & at his house, but did not bucceed. I think that the hed, do well to have them land Du leaving hitsday morn. I reguested my friend hefore the dec 2 The academy is a hody should not to call on the Lech for the purpose of telling him I think take part in this matter and nutreces it of the object of my wester & I yesterday heard from him that the Lect would be pleased to receive mould not be unaumous in the action as I learned a letter from me on the subject. I Therespond in Math: But militideal members as well as wrote to Lec! Chains ter pery carnetly to the other Scientific men should use their best refluence purport alone montioned, calling his attention to becure a distinguisties Occurrigie head for the to the two great astronomers ready at hand, Observatory now & for the future, whether it he newcould & Hale, from whom to make his choice, Newcould or Hall or bome other distinguisties This letter he see either last night or this American Astronomer. The thale remain in Phil a to the end of mone Thould the Lee's adopt the policy I have urged I take for granted that ather. this week I hoping meanwhile to Lee you Law yours faithfully WB/Rogers Mw comb or Hale wile receive the appointment, Os to the choice between them the suffrages of Icientific men monto I think in hashington Profe G. F. Barker -

. G. J. Banker May 11. 1882

NAVY DEPARTMENT.

Washington, MOW, 188%.

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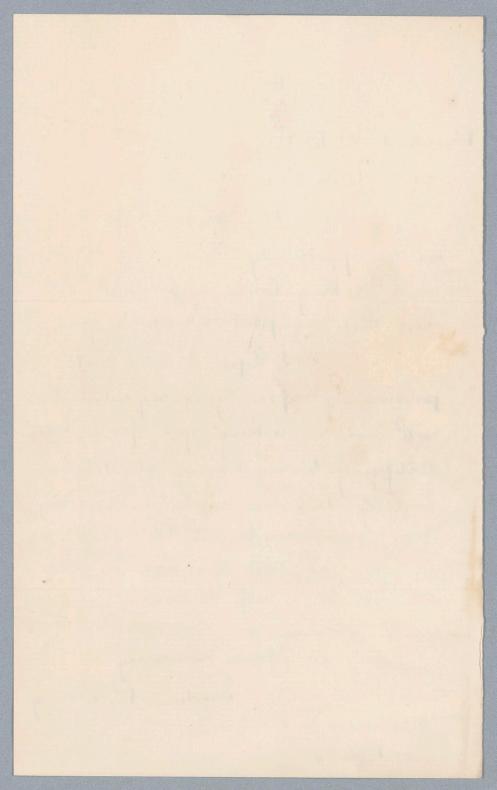
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Vory truly yours, U-E-Bhandler

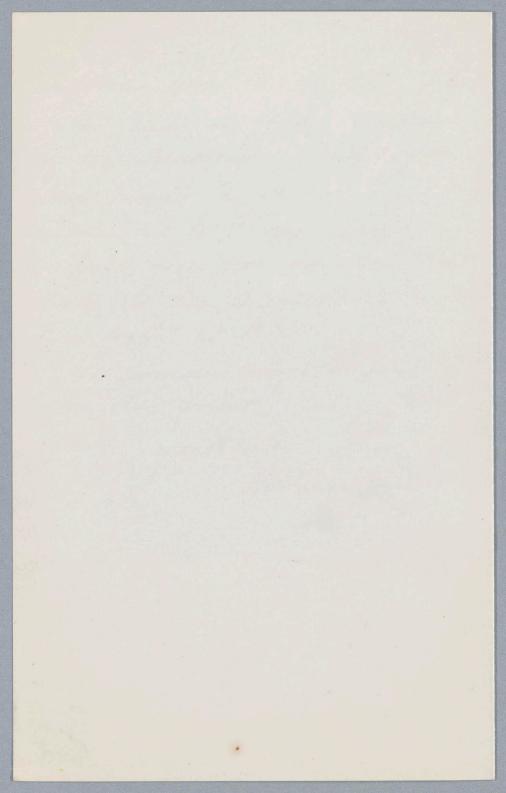
Min B. Riogers, Esop.

Boston, May 15, 1882. President W. B. Rogers. Dear Sur: my friends hope to give me an opportunity to make a beginning in a banking house and wish to show that my past record is good. I hope I am not presuming upon your acquaintance with me in asking you for a letter testifying to my having steadily and honestly done my work during my your years course at the Institutes it will be a help to me. Yours sincerely Trederic R. Loring 8 Greenwich Park Boston.

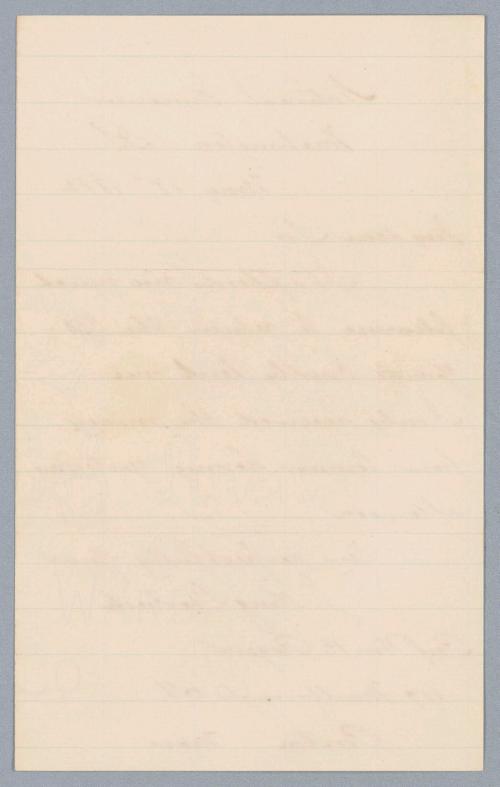


Boston May 16. 1882. My dear Profe The luclosed letter from Progra Peley was submitted to the Council of the R. a. S. during the larly depion of the Academy. Tues requested by the Corneil to refer it to the loard of directors of the Backe Fund of which you are the Chairman. I miderstood the Comice as approp Proofs Peters application, but leaving to your Board the question of making the needed appropriation. I do not know who heside yourself are member of the Board or what amount of money wile be required. I am writing to Profe Coffin in regard to the former question 2 of Course Proge Peters wile

Inform you as to the latter. The had a good meeting of the academy in Mashington last mouth & we expect as full anoue in h. G. next have: Mile you not my dear Progen que us the pleasure of having fan with us then? It moule delight none of your old friends more than yours farthfully Milliam B. Rogers.



Stational Suneum Hurhington I.J. Thony 18" 1882 Bry dear Sir Haffordo me much pleance to return the 30 you so Knidly lent me. I only received the money from Comme. Loring yesterday afternoon Very respectfully your J. Sting Goodrich Prof. Hm 13. Rogers 117 Mailborrugh St. Boston Than



New Haven, May 19, 82 Many dem Prog. Rogery I received your letter yorkeday with the communicalin of Palen & sent the whole with a letter of proval austu y our brutus. I can not pay certainly whether Such an expenditure com nightly from the fund, but mu Hilgan, from whome I Shall soon hear. I wish I could attend the muting of the treadeny. I am fact What you can.

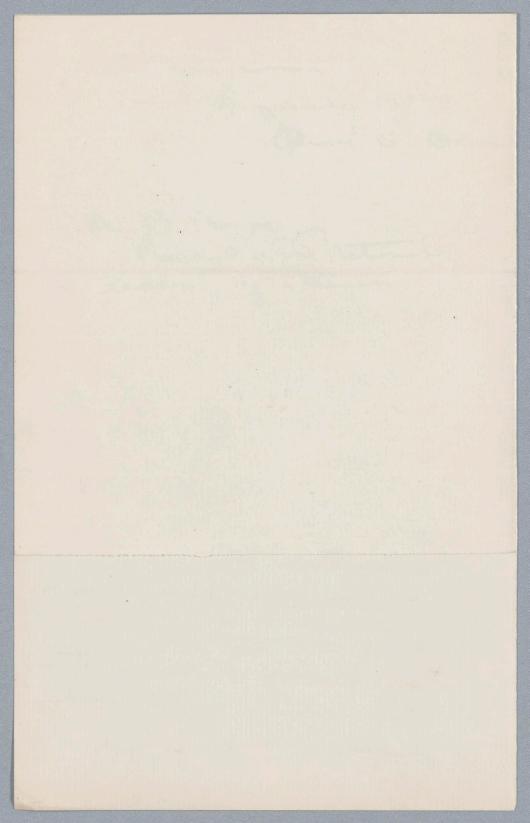
Dingceely your

James O. Dane

What B. Royan

President y the National

Ocademy of Sciences



MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

Boston, May 24 1882 My dear Profeson Rogers President Walker, Who is spending a day in Washington, asked me to Enquire whether you felt any doubt as to your being able to give a short address on Graduation Day. He says it would be too late he thinks to get a substitute and he is very anxious to have you come if Jansible

Very Linierely Jo Robert H. Richards

New Haven Com. My Dear Prof. Rogers, I have hoped A have hem in Brating before this, and asked you forther what you wished me to do relating to having a mus pel notice y hur. Sour, pr this academy, than your short wit apprecialities paper purumed. (Ma. folk began his brela with an the geological Lung y Colifornie deur My connection with it - after much thought and linguist chose him pometimo in 1861

If Came a Caleprine is the Halley witer, and when My party tuto the pila in the spring of 1802 he wend with it - and he was with me much during the Ment three summers, in The coules are were at the rooms of the secrety in Idan Francisco. I pollwed his career after me seperated, and least naw lum during the permeny 1876. Muturen at one time purposed & publish a little memore of him his it was vever done-His williand prend Ar Hora y flued lined Thur but about him.

Now, do you just me to get mich facts for you To make your your poler heller, a und a second paper addditions to yours?, or take yours and add I it such date as I can and which I that Moned he preserved, waky very are, but that a fuller and Make? - either methods covied gens me pleasurs. Keare drep we a walt at your leisure - meanitule I hope & he in Boston puretime in fune & cull try and see you prof. filliam has lately returned from washington and I have been aremended

at the account of his Interview with Mustoring. The latter is endently very much disgruntled over the Jorgham matter- The fact is, I am very Much suprised at his attitude in the whole matter, It is Thorough discreditates, I had a pleasant Conference with him When in Washington, and was Surprised at his position, even for that department, which has been so lay too with y proliculo. Whatever ing he this ortaine y porglum of culture question whether is prove successful a work his position is equally unfortand, in either case and wie he agings Rund esitioned Department quas much esitioned Department und Premet

MASS. INSTITUTE OF TECHNOLOGY, BOSTON, MASS. TORWARDED



## Massachusetts Institute of Technology.

## GRADUATION DAY.

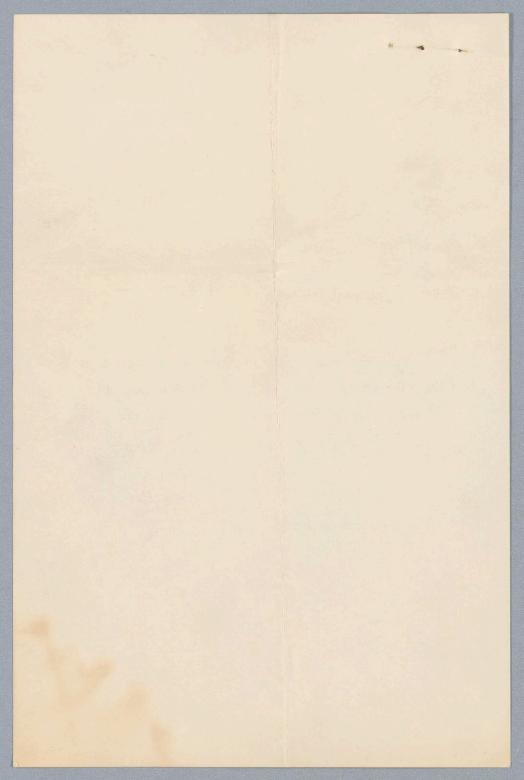
May 30, 1882.

You are respectfully invited to be present at the Graduating Exercises to be held in the Hall of the Institute,—Huntington Hall,—on the 30th inst., beginning at 11 A.M.

FRANCIS A. WALKER,

President.

For the Corporation and Faculty, and the Class of 1882.



3909 Locust St. Philadelphia. may 3/st-1882. my dear mrs. Rogers:-Will you allow me to lay how terribly, Chocked and Clumed we are at the lad news which reached us by telegraph this morning. and will you allow us to offer you our most heartfelt lympathy, in Only yesterday did I re-

cewe mr. Rogers cordial letter from newport. Today Plearn he has passed from earth. Had my own father been called away I could not mourn more succeedy, my admiration for him as an ement Ocientific Cholar mingles with my love for him as a man. And now especialby, does a desire to be like him, a desire I have often expressed, rise upon my lips. may He who doeth all things well sustain you under this beary Ctroke. Very encerely George F. Farker.

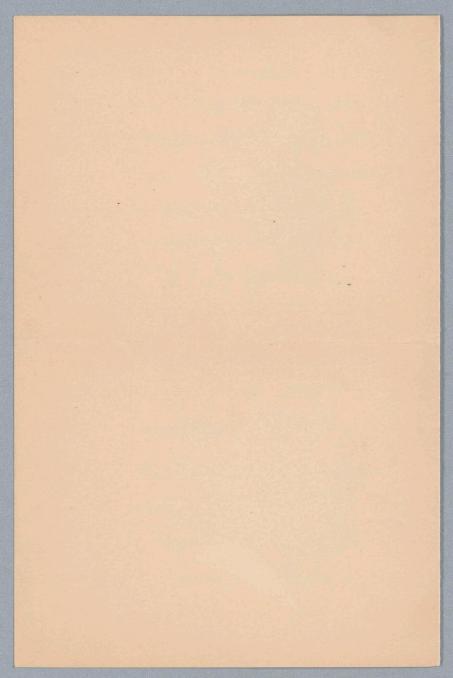
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letter from her part to lang water warm of their

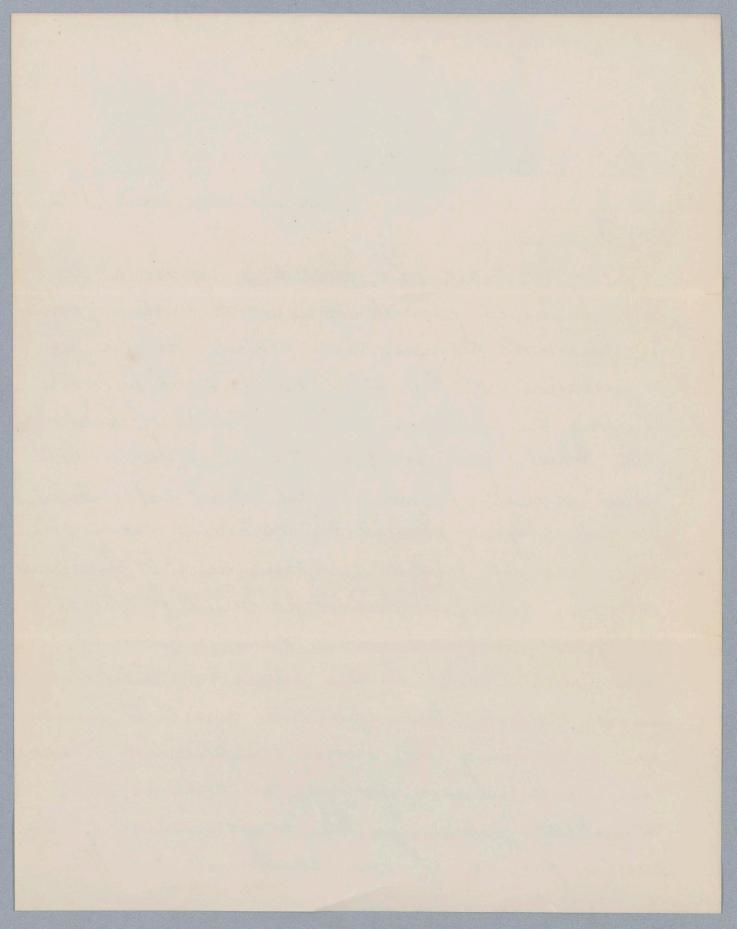
May 31 1882 Dear Mmo Rogen Germit me, in tehal, of Morbowortch and mypelf, Deeprop to you our warm Sympathy in the Judden death of your husband. Cle was a man wholly unique in this community? and I with other have alweighted for him com bined peeling of affection & respect the unal appearance, and

gracious Smile won us. If he had anything to Jay at our deientific meeting, me were oure that the ideas would be good and clother in coally appropriate language Indeed, there is noone, al present, capalle to Telsing his place - Such a con bination of fine qualities an varely rouel safes to any man. may that sweet peace that comes even from the memory of one so much respected when loved be even with you and give you support

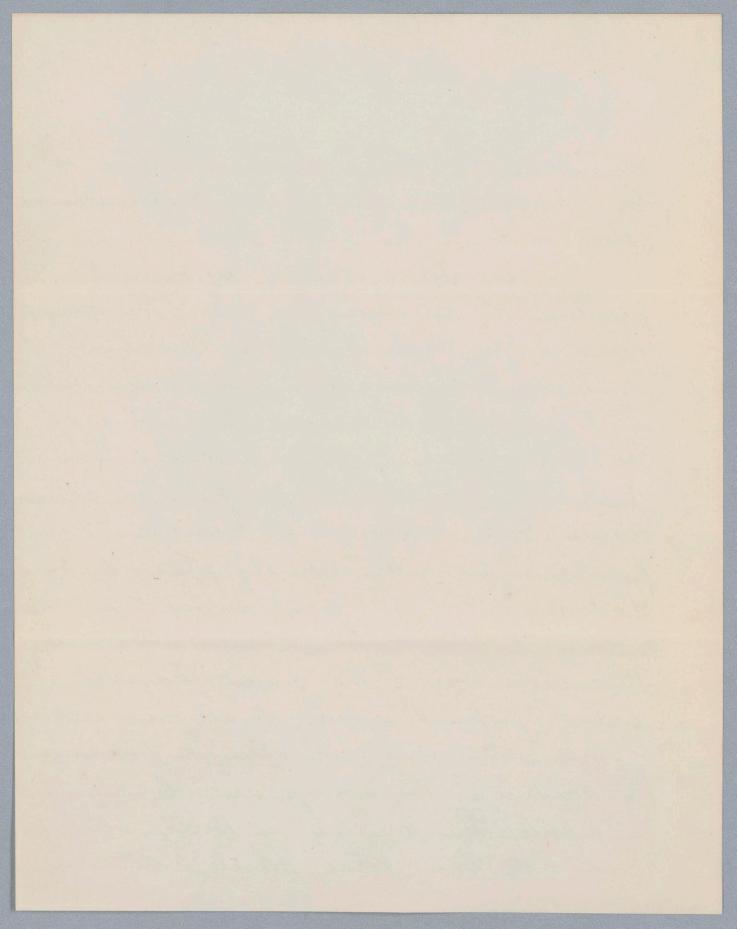
This world is made more beautiful and rich bythe existence of buch a Character I servem very truly your Many I Boworld mo W. B. Rogen



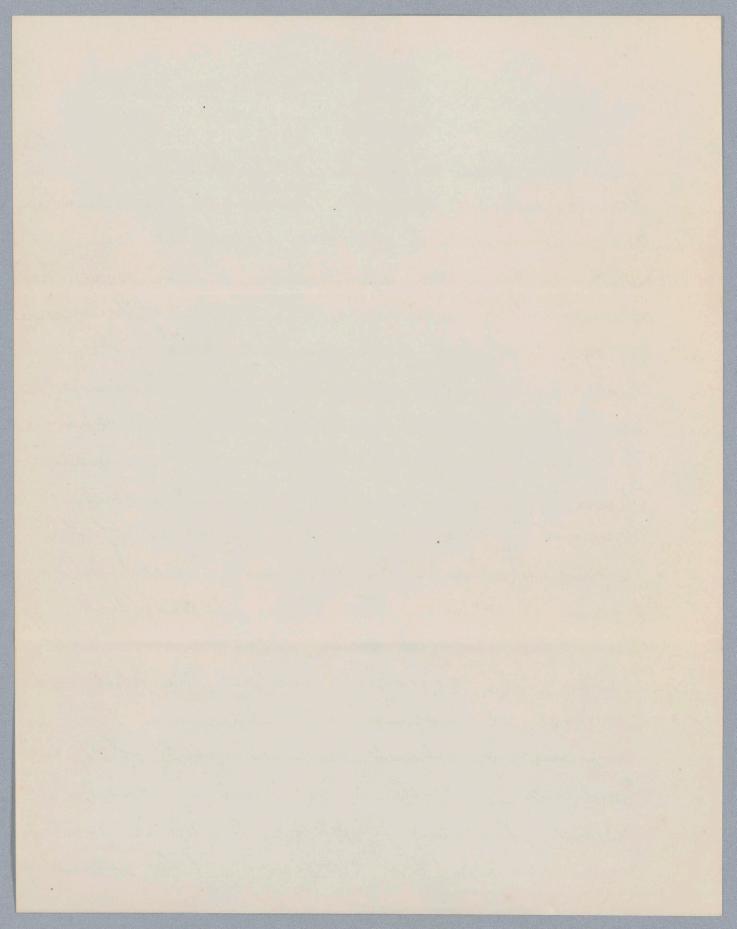
To Mr. M. Denman Boss, Cambridge, June 1, 1882. My Dear Lin: You were pleased to express a desire That I should furnish you, in a milten form, a personal reminiscence stated to york in Conversation, of the late lamented M. B. Borgers, so long the president of the Institute of Technology nith which you are connected. I comply with your request- because I feel That no tribute, however slight, should be nithheld from one who was so bright are ornament of american science, and in his department of education, so great a benefactor to our community. Ais latest - work, as an educator, may lead us to oralook his explended service to science in epplaining the most complicated phenom. ena in american geology as well as the granded feature in the conformation of The eastern portion of our continued, by the



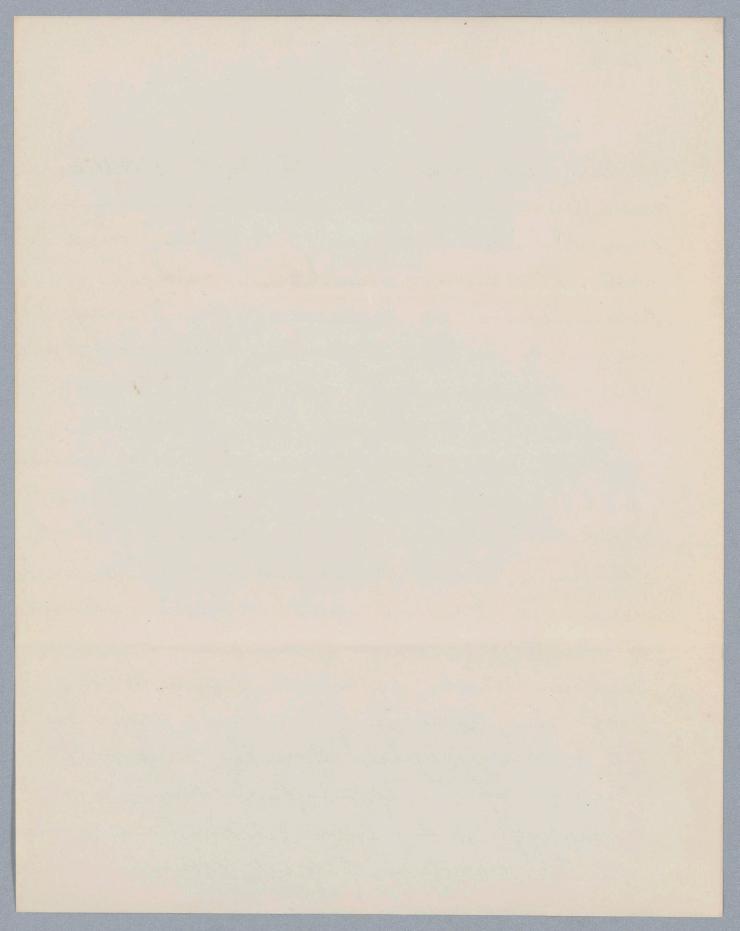
elucidation of the physical structure of The appalachian chain. My reminiscences refer solely to the latter work. In april, 1842, I enjoyed The prinlege of attending, as one of the youngest members, the meeting of The association of american Geologisti and Maturalists, held in The city of Boston at The rooms of The Boston Lockely of natural History. This association was semankable from The circum stance That nearly all its humbers were practical geologists, actually engaged in conducting the geological surrey There in progress in The different-states! The discussions were of the gravest character and of profound interest, as all were sukers of inthication from each other, for guidance In conducting The surveys and completing The reports. The meeting in Boston, as gonepand with Three others which I attended



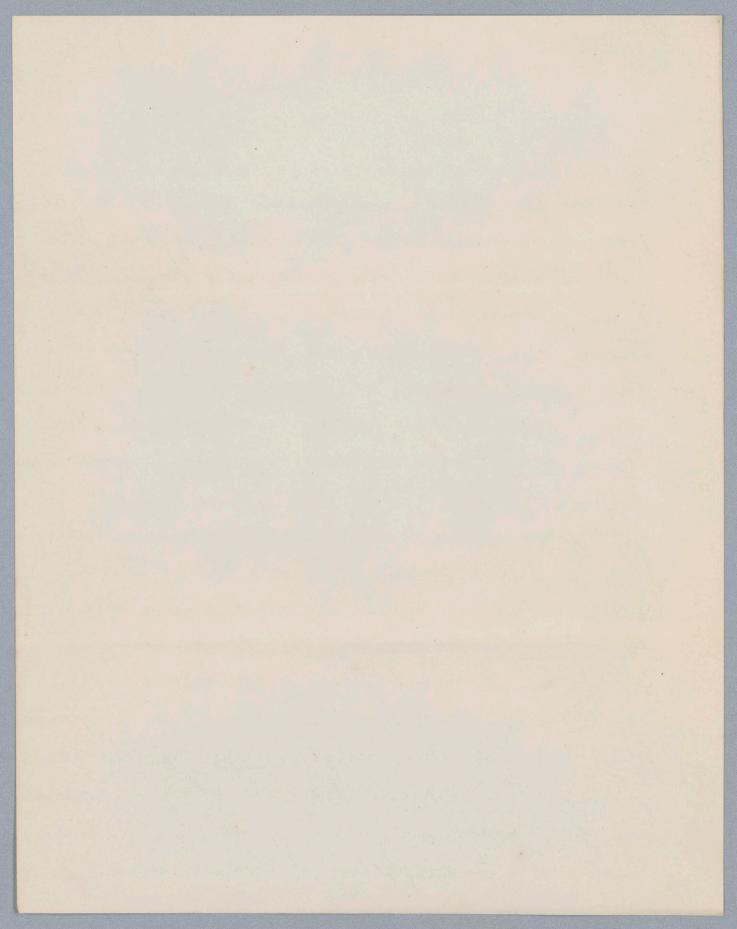
Its president was Dr. morton of Philadelphia, so distinguished for his researches in authropology. It's appointed orator was The reverable Thof. Lilliman, The father of american geology. not less distinguished among the associate members present mere The ladminable State Geologist of Massachusetts, Prof. Hitchcock; The almost inspired observer of natural phenomena, our om Dr. Charles J. Jackson; Emmons of New Jersey, The expositor of the Taconic system; The bulliant- French astro. nomer, Micollet; the minualogist, Beck; the palæontologist. Hall; the microscopist, Bailey; The goologist; Gould; the philologist; as well as naturalist, Haldeman; the eminent- merchant and promoter of New England industries, as well as kation of science, nathan appleton, to whose mulificence is due the publication of the proceedings



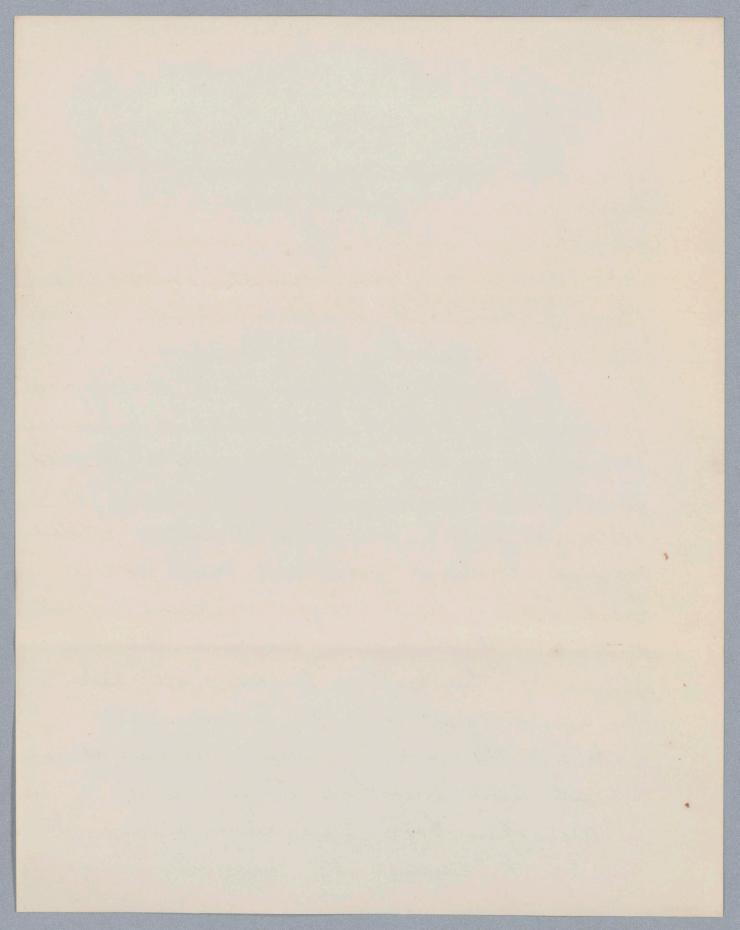
of the association; and The hothers William B. and Henry D. Bogers, the former, The elder, and Then the State Geologist of Virginia, and the latter, of Pennsylvania, and each a representative as professor of the principal university in The respective states. To complete this billiant encle, Sie Charles, Then Mr. Lyell. The recognized head of English geology, was present, an interested listener and active participant in the debates. notmothstanding The able address of Prof. Tilliman, The I elaborate paper of Prof. Hitchcock, and the frequent and interesting remarks of Mr. Lyell, The marked feature of This meeting which continued for a breek, was The reading of a fourt paper by the brothers Bogeks, upon the physical structure of the appalachian chain, as exemplifying the lans which have regulat ed the elevation of great mountain chains



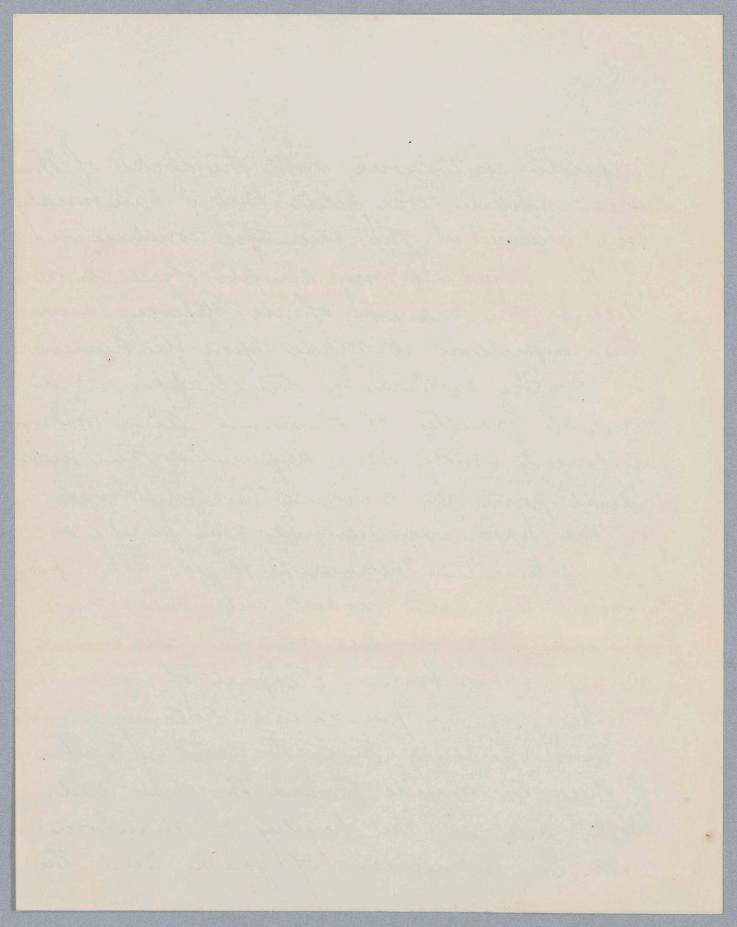
generally. The expression, "reading a paper", conveys a most inadequate idea of whatwas a remarkable oratorical effort. The brothers, Miliam B. and Henry D. Bogers, who must always be associated to gether, as There was are absolute unity of effort in the great work of Their libes their geolog ical observations and deductions had been, for several years, studying, respectively different sections of the same great geological field, the appalachian Chain, The one in Virginia and The other w Pennsylvania. With the natural desire of The Representatives of the South to make a favorable impreksion on The occasion of their first appearance in herr England they selected the meeting in Boston for giving The grand resulte of their labors in the peculiar field of ahnerican geology which it had fallen to them first to explore



a grander geological theme could hardly be imagined. It related to the physical structure of a mountain chain 13 do miles in total length, extending from Vermont to alabama, and 100 miles in its greatest breadth, consisting of beds of silurian, devorian and carboniferous formations (adopting terms applied to similar formations in England) arranged in elevated karallel and narrow ridges, sometimes 100 miles in length, but with strata so folded. oranged contorted fractured and eroded That science had sought in rain to find a key to their original structure. Let The genius of the brothers Cogers had, like The Egyptologist with the papyrus roll, unfolded the inverted and contorted strata, spread and smoothed Them out, as it were, in an open book and showed Them to the eye of science, as originally horizontal

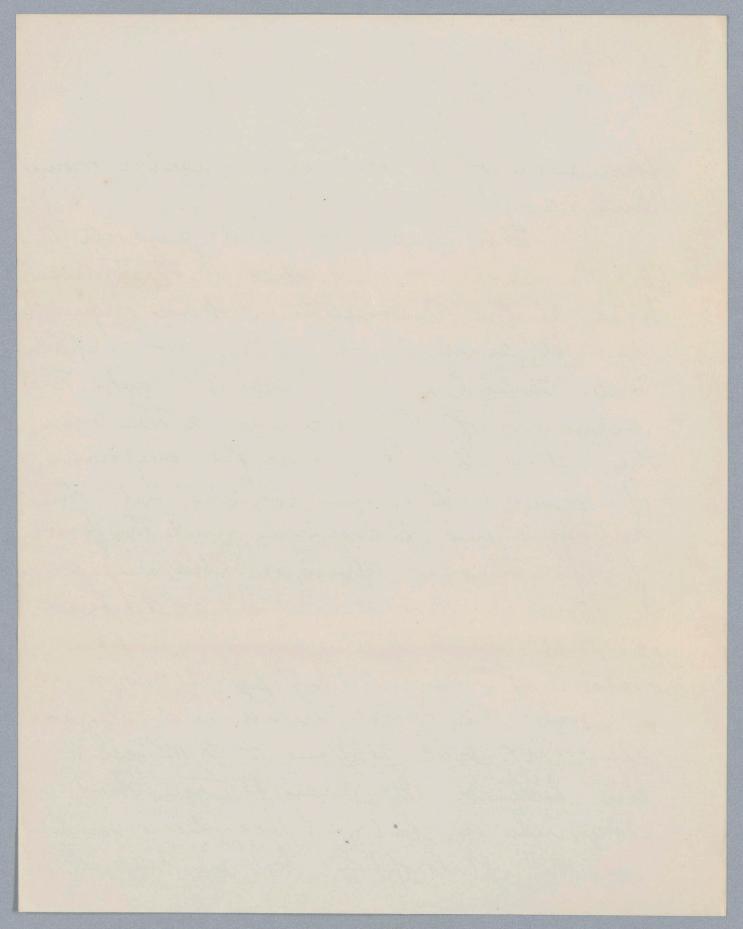


deposits continuous with the rocks of the great restern coal fields. But I can hardly even glance at the scientific conclusions! of this paper, as my simple object is to Edescribe the manner of its delivery and the impression it made upon its heavers. The brothers, by their happy and annable faculty of thinking and norking in concert, more than duplicated their indifor The "paper" as delivered was purely are oral statement - Miliam B. Rogers took upon himself the more modest; but really more difficult part of describing The phonomena, learing to his brother the part of explaining the Theory of the phenomena. nothing could be more pleasing than The morking together of these two minds toward The same end. 130th were in the heydry of manhood with the enthusiasm of youth and the

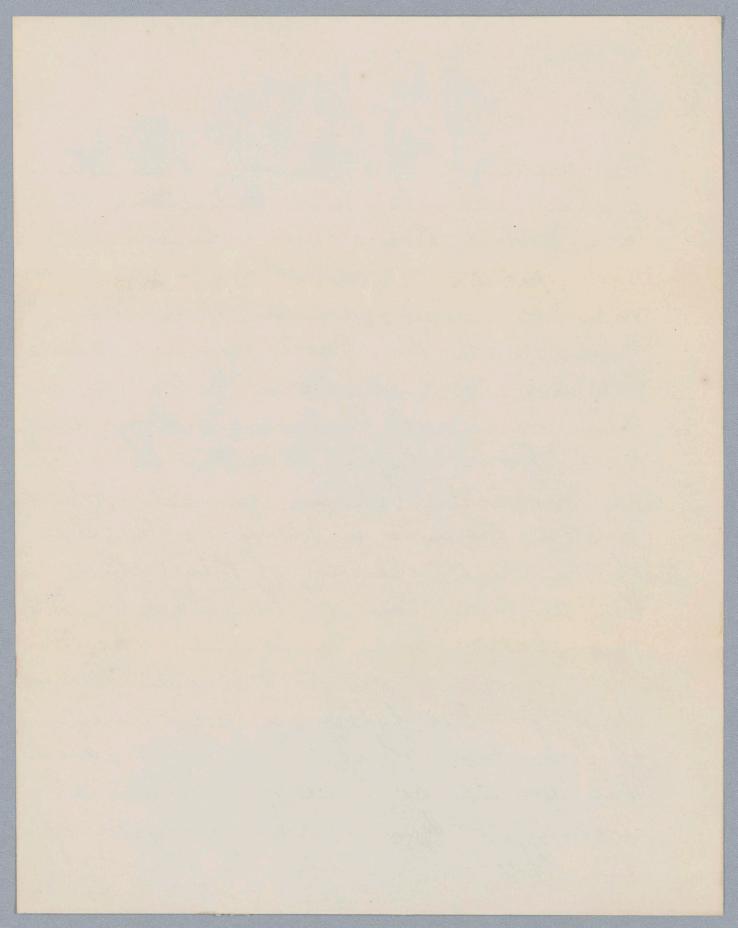


ferror of Their section still unabated. Their ambition, it is true, was hardly concealed; but it was an ambition which produces noble efforte. Those who know The elegance of diction and manner which characterized The later addresses of the elder Bogers, can partially conceive If the effect he produced by the fluentand graceful oral statement of the complicated phenomena of this hitherto mysterious mountain chain a state. ment in which There was not one moment of hisitancy, not a word which was not the most-fitting. But They cannot conceive of the delight robich was given to the admiring heavers by the restoration of these disturbed formations to their primitive Regnandry and by the rerelation of the laws of structure which determined The con.

- formation of the rast and singular mount This paper or what purports to be the same, is published in the transac trons of the association. I have frequently read It since. To me it is non compara. tirely tame in expression. It lacks The inspiration of the scene and The men, the illustrature diagrams, The emphasis of voice and fruger positing out The distinguishing phenomena, and The ferror of spontaneous utterance. The impression I have of this exposition as delivered. is That next to the Phi Beta Kappa oration of Neudell Phillips al-Harvard, it was the most- lucid and eleganteffort of oral etalement to which I ever listened. It may be true Thateloquence is but al secondary quality in the philosopher; but in respect to



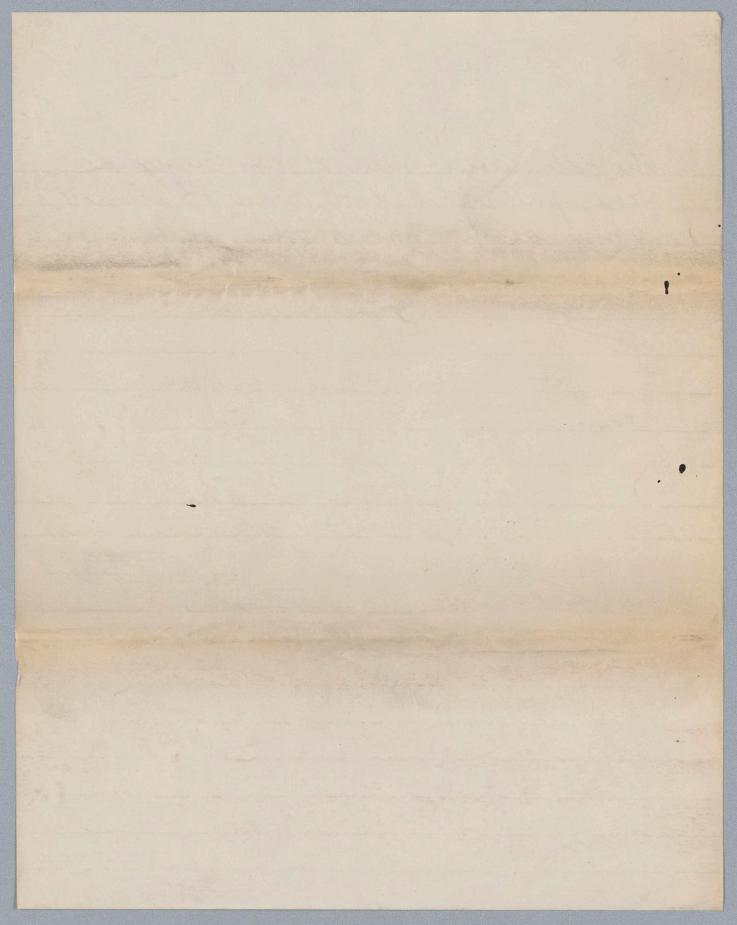
The matter of this memoir and The general researcher and deductions of the brothers Cogers, here named, he their peculiar field of exploration, itmay be safely asserted . That They hate made the most original and brilliant generalisations recorded in the annals of american geology, and have Throm Highl upon the structure of mountain chains generally, which fulithe them to a place by the side of the great expositor of this subject; Eli de Beaumont of France. Add to this honor which is shared by another, that which is due to Meliana B. Bogus alone, for his labore in your sustillite of Technology which he created, and This position as head of the National academy of Science; and may me not eary that the completer The triad of



the illustrious men of new England.

poet, philosopher and man of science.

whose death has made this year memorable? Some truly John L. Hayes. copy.



## SMITHSONIAN INSTITUTION WASHINGTON.

June 4, 1882.

Dear Mus. Roger

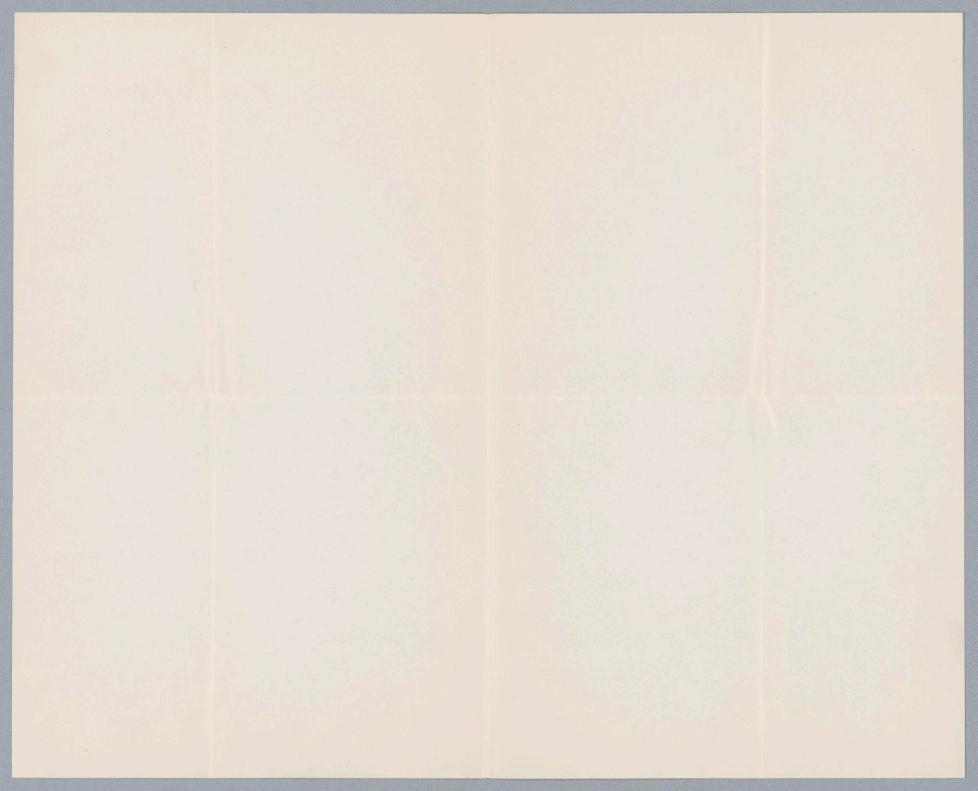
you ear well imagine with what a shock the new you dear Professon death, fell upon 4, and how me grieve one A. Yo me for year he has been more a breekeved relative Aren merely a friend and all quaintained, and the knowledge that no longer can I expect t . meet him, and apprecalt has limby interest in all that a the buentifu work we are can ryny on, in very distressing, one of the great induant t marte a sajourn à Newfort during our Lummer movement was the affectionly of Deering him

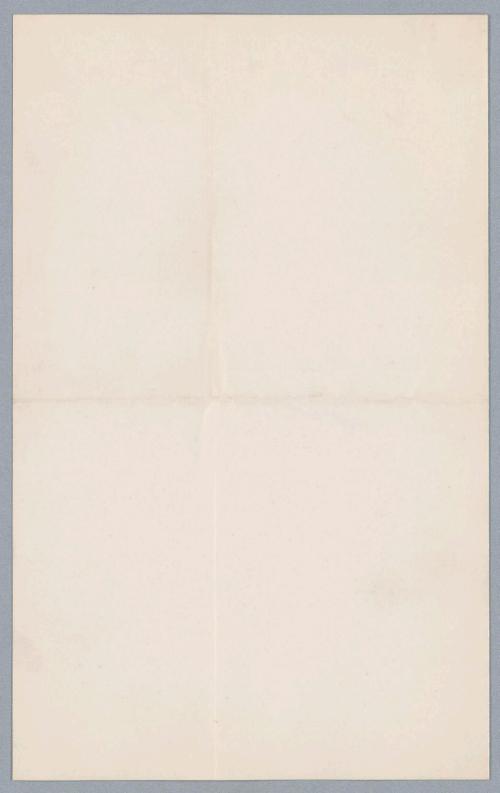
and the prompted charmy the meetings of the nulrous audenry was the constant intuerrise with him Since Propersor Henry death no beat in the rank of old friend has been de Derrors and Dinore; and L moun or for one whose flace can niner he Sufflech ill when the num cane, and althour we hoke I to her as gently as we could, her right of you had for a time a serious effect whom his. The is better by Still feeble, and dende her warm. ers love, in which we all form. liffeelionally yours Afenus Baird Mrs. W. B. Rogers nurfort 21.

June Drar mrs. Kogers: I trust I am not intruding upon you too soon in offering my repressions of sympathy in view of the loss which you have experienced I say sympasky, and I shuik I can use the word properly because no one who ever had she privilege of bring a purpil of Propessor Rogers could afterwards fail to feel that there existed some hie of relation-Ship, - and you know how he used to call us his "boys". I feel that I have a great deal to Robessor Rogers as a reacher, and subsequently for the kind inberest he always book in my progress, - and I have special reason to feel his loss in shirking of his kindness during my recent sickness ( in which I do not by any means forget your own Chave ).

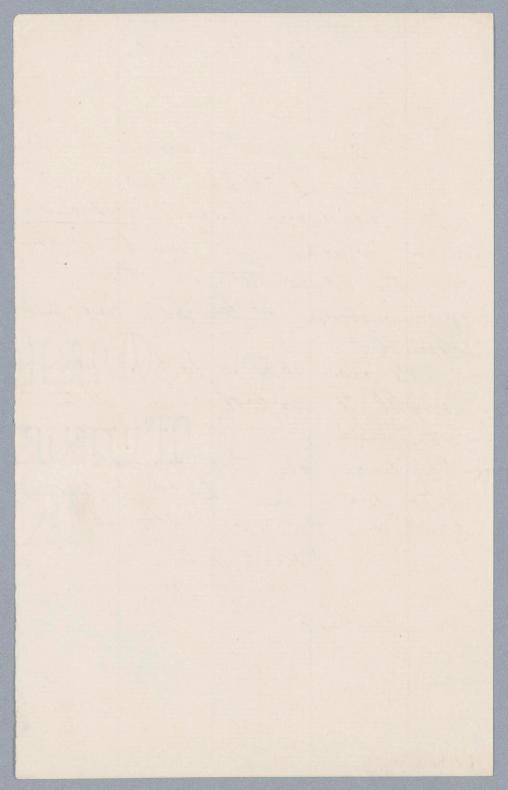
half in the fast which are caused hely getting deeply in the fast which are caused hely perling they are being by mos history. The fast of the most of the fast of Inder, Mith quat nespect, Mith quat herbert, Michael M I am very thankful that it was permitted me to grasp his hand and to hear even a few words on that Inesday morning, and I can assure you that the shock was very great to me when I heard the said news. The shock was great, but now I shink of him with streight renewed and wish she fixe which still burned brightly when I first came under his influences then I think of his love for she truth and for imparting it to others, and of the long vistas of south now open bryone him, I wonder wheth Er it may perchance be some time given to us who were once again pupils here, to follow him a gain in acquiring wisdom with which shere shall be no longer place for hypotheses and shevies.

bambiye, June 5, 1882 Dar friend My find thought was "What an lumable Ending!" Then my mipe sufferted that perhous you were away at Morport, & that that would be even hand, then being on the opt. It any rate, accept our warm of answering this. Consally and of perhandes Theo. Wenter the Higgman





June 9. 1882. Dear De Julis This See & Raun's letter L Our Ragers reply among late academy papers, not filed amay which leads me to judge that the Committee on the Examination of Glucose was not dormed. as ale notes & bapers were brought to hew fort I am quite fuse that there is no corres. -pondence on this subject later than the Lector letter Apr 29 a the reply Apr: 30 your & Theley heufort. E. R.



## University of Vir fi wer June 10. 1882

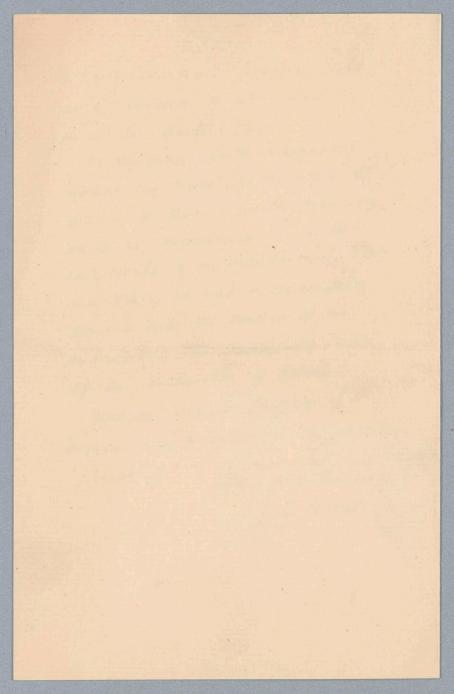
My dear Mest Rogers

he ceiving a few days ago a copy of the Borton Journal of June 3 mitte the Newpork post mark, I have assumed that you knowing my vincation and affection for your dear husband have done me the favour to remember me in this connection and it has emboldened to take this method of assuring you of my profound + affectionate Lympathy in the loss which has fallen so heavily upon ym. You have the unsolation of knowing that your lender of affectionate care of him had protouged his life and his career of usefulness to an honoured old age and that

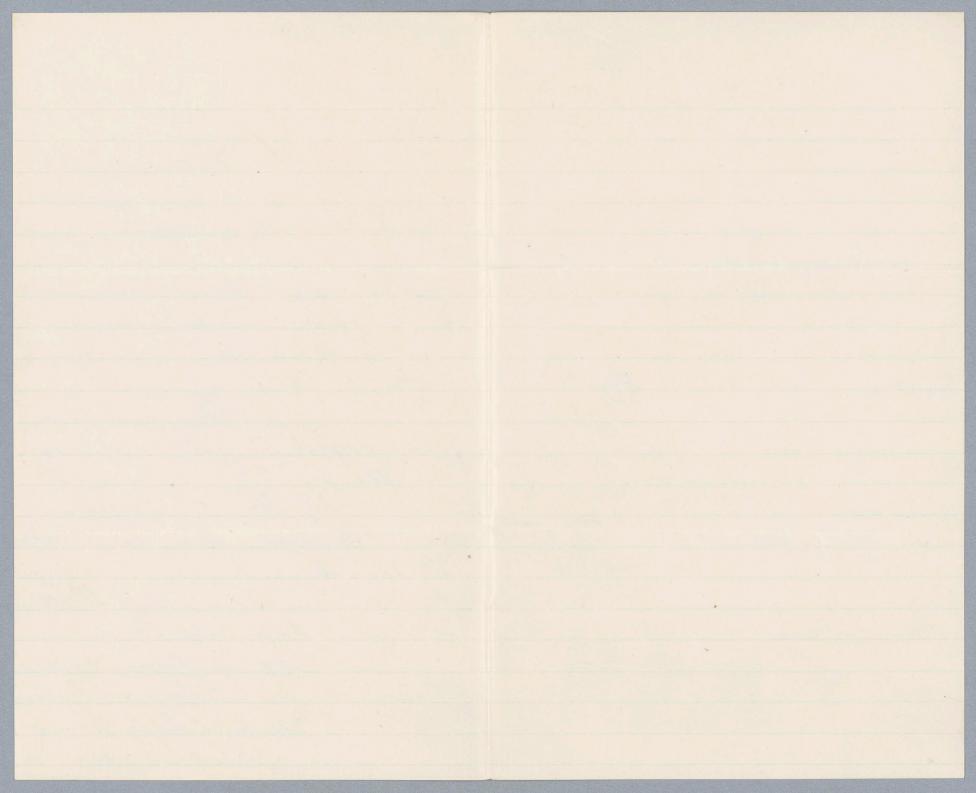
a whole continent feels the loss as one common to all who knew his worth.

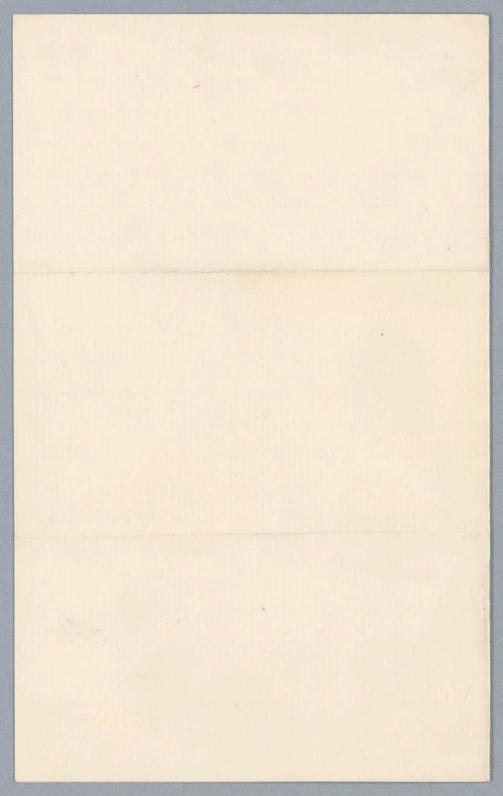
No language and adequately express my sense of obligation to him for the Kind & putte manner Which he encouraged me in the early trials of my propersional libe and with by mucht a example pointed onto the duties of one undertaking the usponsible to the Of an includer of youther. That the richest blessings of Heavers may be your is the earnest mayer of

J. L. Cahll



Atorton June 8 1882 My Alce Mes Roger , I have Jour dolper Periocee sals for which I'm be half of the Institute I thanh Gode The favance been refer to places for Me. It will never be otheries there a please to do very thing in my Frence has left behince Merce daw The Man I loved as I loved him au Mast lucle your John Munay





(Following with Mills and the ellaking ways) Beam with new glong on They replus gaze. and yet, o Friend! we feel that There are wear The cleaner of the praise linger, has! The Rose that look me conce their gle mortal eyes The heart kept young while here by love of Frisk, Has found the foundary themal yester The Hope, blest Rught, in to vacant place Poise to the years path water a soint and Memory events of problems of the very light of the very Warmen has made hours C. 7.13.

W.B. R.

[Read to the Clist, July 25,1882] How shall they enlogy, fair Soul! be Strong Without the gift of theme own silving tougue? How shall on word the fine ideal leach, Without the grace of thy harmonious speech? Transparent as they soul the glass should be, To image what our hearts retain of thee! a crystal stream putterang like theme our Cand there thy spirits form - & that alone. and then not still speaking from above In tones, might well all earthy speech reprove? How heavened was they presence with us here! Those art gone up to a congenial sphere. Now, in the light of the all Fathers face The lever which here two thy delight to

Chestnut Will. angust 7th 1882. My dear Me Rogers. I fran you may feel surprised that I have not sant you a line since you returned to hewhort, but, to tell you the simple truth, though you have been constantly in My thoughts. I have not dared to write you. The went has been too recent the subject too sacred for me surn to allude to, and I could not write without alluding to it. It was So sudden so unlooked for that I was overwhermed by it - dazed as if it were by a blow on

the head. He was my best friend. In flows is great. I miss him more + more. I admired him for his scientific attoinments, his clear and commanding intellect, his breadth of thought t wonderful hower of illustration & 34 hression,but I esteemed Hoved him for his unsurpassed gentleness, kindness, simplicity, modesty polelity + truthfumers: for his wholly fune + note character. and though I grieve, I yet Mank God I have been permitted to call him my friend! But if my loss is great what, my dear madam. · Mist be yours? I know something of sorow,-

but I cannot attempt to mage your sorrow. I can only say, God in his mercy sustain thelp you! for He alone, the thoughts + feelings nesting on Wim can do so. allow me to say, however, that your sound judgment, tender care + constant watchfulness of the dear departed we the wonder tadmination of anyour friends-and in my programent, preserved his life for many years: and the consciousness of love + duty thus fulfilled will I trust, when time permits the mind to durk when them, save to mitigate sorrow win as great as yours.

and to this may be joined the thought of having been united in Marriage for so many years to one who, in the opinion of all who knew him. was great trood above most of his fellows. lor are pleasantly situated here I find weighting comfortable & quies: annite is pretty basy in sketching + desires me to send you her best hove. with quat regard, Hemy Blogus.

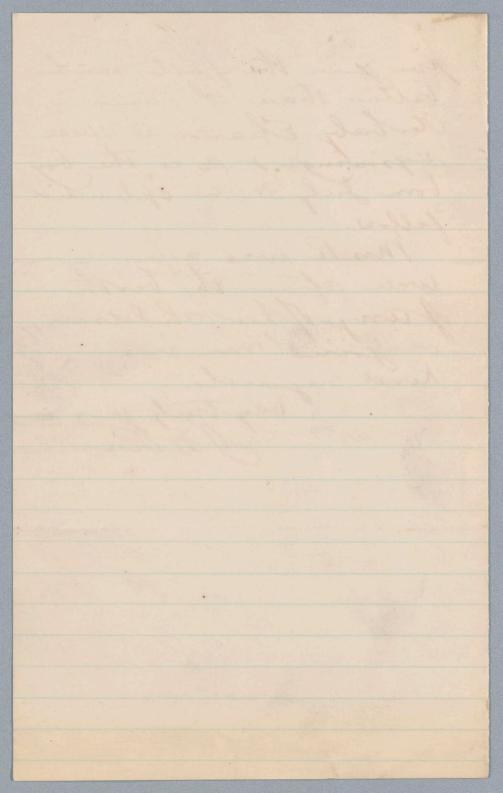
Mrs. W- B. Rogers

Copy. Julis hue: heurbork letter dent. Ang: 26, 1882. My dear Progra Punkle When in hirginia last Spring Mr Rogers learned that some years ago, Profe Hitchcock made a Tracing of Mr Ragers large Colored Geological map of Tyrgmia, which was then at the Institute. Mile you please to inform me, as hearly as you can recale the time (or year) when Profe Hilchcock made this Lacing, & also as to the detail with which he did this &

Wewile the object which the Profe Mentioned he had in wishing to obtain The bacing. xx -x -x Believe me at ever yours bucerely Emme Rogerd.

Brookling Aug 28 1882 Dear Mrs Rogen. Iknow the fact that Prof Bitcheall Cfried Prof. Roger map but supposes that it was done wit Prof. Rigers County I did not Charge my mind with the matter- My recollection is that Prof Ho was from paning or Geological Allas of the U.S. - but do not Know white the work was wer published - Stake it for granted that brof Ro map was canfully refunded -I am not certain about The date - but think I was while Prof Rockwell was still in Charge of The department, + of so he can

gon you the facts much better than I can-Revoly Eleanor is well I growing - I Do is the boy born July 31 - a splendid fellow. Mrs K was never po were after the birth fung of her children, Kind regards.
bey truly your J. D. Rungther



Packer Institute, Brooklyn, N.Y. Oct 23, 1882.

Dear madam:

I trust you will pardon the liberty I take, as an entire stranger though once presented at a reception in Boston, in send. ing the accompanying pamphlet embodying part of an investigation in Physiological Optics which has occupied many of my leisure hours during the last eighteen months. I read with exceeding intenst the admirable papers on Brocelar Vision written by Grof Choques twenty five years ago. Umong the last of his observations in this

subject were some on the Binocular amion of Spectral Images, involving considerations of much importance in relation to the theory of vision, but requiring on the part of the eyes. Probable in the use of the eyes. Probably on this latter account no one seems to have repeated Prof. Rogers' experiments, until quite recently, when in June and July lash I undertook the work.

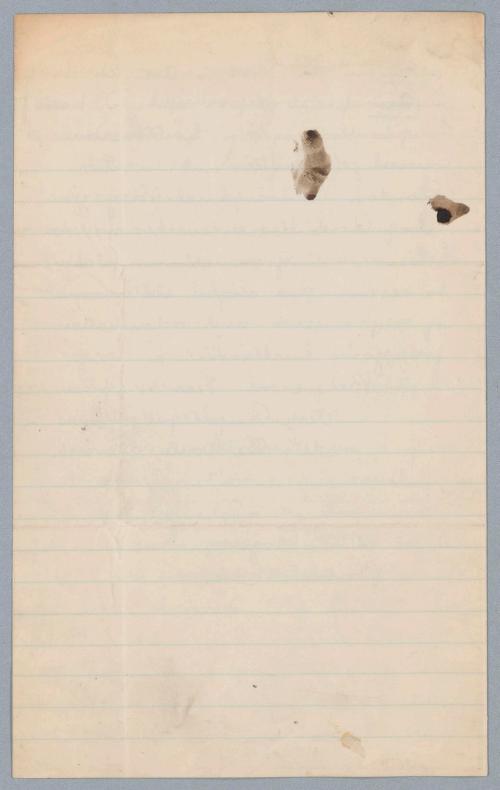
The result has been a perfect confirmation of his conclusions, and an extension of the investigation in such manner as to remove the last possible doubt of what he had observed. My friend, Prof O. N. Rood, of Columbia College, advised me to publish my experiments, even although anticipated in some of them by Prof Rogers, as I am the first to test his work in this expecial department. I have therefore done so, in the american Journal of Science, and in the Sondon Philosophical Magazine. Proof Road also encourages me to believe that you will be pleased to receive this slight testimonial of my respect and admiration for your husband.

Believe me, dear Madam,

Very Respectfully Yours

W. Se Conte Stevens.

Mrs WinB. Avgers, Boston, mass.



Cambredge Mm 21 - 18c Dear vom Progens. I have had emferences will- Min Agafin and Prof Manch in regard to the Menoni and pure finally decided that Can Walher mull be the but ferm of furfers ailet. I do met hum how the pualtin plants of freeend but Mande limpt be bal and werene price penfles in Gen Walher pumid as the own flisht de Mu Roges full fushet as a man of power. You wil have heard

lifne this reaches you of the death of Part Gleus de afer. He game the deadens a oftendet dunier ne Wednes das evening last ; mas taken de meht plening the pame rught and died ne Sunday evening. We are pellet in the home which we osciful uben me find pund t-Combudge 19 years ago. Neil peurs fulls mell bul I fuit but pie have el become confirmed Newfortes.

Neghut Jours, Molest Gable

Workeoft Sill

I attended the Classes of Prof. Wom B. Rogers at William and Mary College Virginia during the Sessions of 18.32-3 and 1833-4. The Faculty, though small in numbers, was strong in ability; for it was com= posed of the Rev. Adam Empil, President, Wom 13. Rogers, Phos. R. Dew, Robt. Saunders and Dabney Browne. Of these the most distinguished was Prof. Rogers. young as he was, he had abready attained a great reputation as a man of science, and most ably did he fill three Chairs at the Same time These were those of Mathe= matics, natural philosophy and chemistry. His methods of demonstration in his Math ematical lecture = room were very clear. The same may be said of his course of Natural Philosophy, which he made exceedingly interesting. he both these Classes he was able to

144 demande attendance

make the principles of these Sciences easily understood by all who wished to study. His Class of Chemistry, however, way the one in which his peculiar talents were the most conspicuous. In addional to the clearness of his expositions of his subject, he was the finest experimenter Lever Saw: I cannot remember his are having failed even once while I at: tended his lectures. He often burst forth in such strains of eloquence as I have never heard from the mouth of any other human being. He was especially grand when his theme was the benefits to result to hu= manity from the cultivation of science. The glance of his eye reaches far into the future of Chemistry, and as an instance of his prophetic genius, I well remember a wonder lecture he delivered in 1834, when he showed that hydrogen was probably a metal - the realization of which hypothesis he lived to see accomplished. Parfessor Rogers was in 18 elected to the Chair of natural Philosophy at the University of Virginia, and he filled that position with an ability filled that position with his great

and the water of the constituent on exhibite to The cleaning we partally a medice - the

[ca. 1482] reputation. During his occupation of the Chair of n. Philosophy he I instituted his Classes of Geology and Mineralogy. These were not embraced in the academic curi: but such was his fame, and such his well=known eminence in these sciences, that the classes became very popular, continuing to increase in numbers till Prof. Rogers removed from Virginia to massachusetts. The fascination of the lectures of the Great Professor was indeed wonder ful. The perspicuity of his language was extraordinary, and his memory of facts was seemed to be inexhaustible. He could call these forth and arrange them in their proper order apparently without an effort. His literary at ! tainments were of a very high order, as in the living tonques, this beauty and he always kept abreast of the literature of the day. His temperament was also highly poetical and his imagination glowed with beautiful and lofty images suited to this subject. He seemed to be endowed possessed the logical clear vess of Calhoun combined with the cloquence of webster. Such power both of convincing and

A STORM SHEET BEECKE TO SHEET In water the with the said cofte mayer marker The Marca C. Clare alone of

and delighting we have 4 never known to be possessed by one man. I can well conceive of the effect produced by him in the world's decentific Association that met in England in 18. To America was assigned the honor of the Valedictory. toods Arrociation - and of Course Mr. B. Rogers was chosen to de= liver it. He carried the Associ ation by storm, and when he had concluded, they declared that they had never heard such eloquence As to the character of Professor Rogers, I can hardly do it justice. Great as was the admiration of all for the Professor and the Orator, greater still was their admiration for the man. He showed his noble nature in all that he said and did. He was always ready to help those who needled his assistance, which he gave in the wholesouled way that was so characteristic of him. He was astrongs ever a fast friend to those he deemed worthy of his regard. hever did any of such ahong his old students apply to him for aid in advancing their

Contested the contesting again A MEDILE LEGISLE CETTE of the Vilalediction, donay Mada Later - and of Burner it can handly do the thatever an and interpolation

interests, that it was not 5 freely does bestowed. Moreover, his silent deeds of the charity were very numerous. The divides of his openhanded behevolence that came to his knowledge when a young man, but which the Professor thought were concealed from all. Especially was the warmhearted generosity of this good man felt after the Civil was, when so many of his old friends in Virginia found him still their friend in need. HA who testing the can personally testing fy to many of his acts of generous kindness. I have also heard of many others; for though william B. Rogers never spoke og his own good deeds, yet they could not in every case be concealed from the world. The Good Min is no more. Long as was his life, it was too short for Science and for his friends. Feer are now left in Virginia who were intimate with the Great Professor at William and Mary and the University; but with them his closions memory will ever be enshrined until they are called to rejoin their dear all friend in a better world.

his strankan ded ne dear in the state of the hear and the see see see one