Farbön Mprilili 1882.
Deas har Strippow
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Pleare witte me at oneo as I shale leave Bostou heft Saturday. Afler this tohaces the at harnuley's Aotel hastiki.

Belicivo he
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Viliciam 19. Bagerts
NoN. Simpsum Sof?

- Aluitical OAtmanac Office.

Bureau of taingation tamp Drppiatment. Washington April IsL. 1882 .

Dear President Bogere:
Obelize you have not dee. ignated anyone as chairman of the local committee and fer_ hap it is not necessary Professor Pavid suggested last evening that of should call the committee together on your arrival and it could thou elect iss own chairman. o do not know that there is amy necereity of doing ampting more before you arrive and when yow are once on the ground we can talk the matter vier.

General OMeigis is conven. iently located for the membere and he has tendered it for that purpose but perhafe Wormley's Hotel would do just as well. Do you think Thureday the $10 \frac{1 \pi}{-}$ would be a convarmint evening-?

Q undereland that you expect to arrive here on Wednesday before the meeting: if so ot
should like to meet sou should like to meet you at the station if of know by what train now come. Dour very truly Simon Vewcounh

President D.O.Oogere, 11Y Alarlborrugh Siret, Boston, Shawn.

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Aprie tx hes 1882.
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its cheef.
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As enes ypor gavitufully Dilkian B Rogers
(Chictated)
Th. D. Drapo stagre
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Afartford, Gonn. Afinl 4 th $_{n} 1882$

Orof.V.B. Rogers
117 Marlborough et
Boston, Buase.
Bry dear Sir,
O have ra
suggention to offer sir connection mith the "Addrese to etmatees of bolleges" prepared by the joinct Cominittee of the S.S.S.S. and the A.P.A., shich Prof.2hite modestly waives communicating. I kuggent that cofrier of the Resolitions adofited at bincinnati, as repminted ni the framphelet ini your haseds be sent ont mith the Puenorial. The larger frast of the framphlet is taken nf
mith Poof 3hite's excallent sprech, hence his avession to asking your ofinion on the question - the other members of the bommotur (s. far as hiand from) vite as follors:

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". Lesley yes
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yo bours very tmh
76. Barnington ©oflton


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Washington, P. c., Spe. /atorz
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Yrormleyó tatue,
Machingten, o.e.

Oooct Psland Ahsenal,
Plinais,

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\text { Apmil } 16^{2} 1882
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Cosmas Slut Grom Bbiborcoran smilding Washington. Apiil 161882

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VICE-PRESIDENT'S CHAMBER, WASHINGTON,

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- Washington April 171882

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Qffirer of Public Sinter,
Orashimptan, (B, April 17, 188玉.
Pro O. F. Daird
Ancethronian Inctitution Mrashmgton w.e.
Ain:
Fine handrad estra copios of Aenate his. are. Ho 54 , returued Turcurith, wile cost abour $\$ / 4$. The oncy way to batam them is to Rane Corogrees ordew them or Wrom ruqueitron From the Arpartment. The cort of soo copis, including compsei= trion moned them be ${ }^{8} 43.75$

Vary ruppetfulen
A, Sichiers, chip Curc.
For the Prbeir Orinten

## National Academy of Scrences.

## TITLES OF PAPERS REGISTERED

## Tuesday, April 18th, 1882.

1. Theory of Concave Gratings.
H. A. Rowland.
2. Preliminary notice of a new Dividing Engine.
H. A. Rowland.
3. The Course of the Gulf Stream since the Cretaceous Period.

Alexander Agassiz.
4. The pre-Cambrian Rocks of Italy, ( 15 minutes.)
T. Sterry Hunt.
5. Notes on the Geology of Yucatan.

Alexander Agassiz.
6. Dessication of the Plateau of Mexico.

Alexander Agassiz.
7. On the brain of Phenacodus, ( 10 minutes.)
E. D. Cope.
8. On the young stages of a few osseous fishes.

Alexander Agassiz.
9. The affinities of Palæocampa, Meek and Worthen, as evidence of the wide diversity of type in the earliest known Myriapods.
S. H. Scudder.
10. Description of an Articulate of doubtful relationship from the tertiary beds of Florissant, Colorado.
S. H. Scudder
11. The relation of rain-areas to areas of low pressure.

Elias Loomes.
12. On the genesis and development of the Chiropterygium from the Ichthyopterygium.

Theodore Gill.

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## National Academy of Sciences.

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E. D. Cope.

Comber nam wiokiton an Conferene witt Congran Poet vicura $2 f=2=$ Bans
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EXECUTIVE MANSION WASHINGTON Thil 20, 1882.

- My dear cliv:

She President will
be flecased to receive the nuembers of the National Scadenny of efriences this evening at mine oilock. Deny turly youren Tus. S Stlictu Crinate ofcretary.
Arof. William (R. Rogers, Croedt. Matil Ceademy Scimees, "Womilyen
haskingtor Aprie 20.1882
Drook Thim B. Pagers.
Mest hat: Acadenne of Secences
Dear tin.
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National Academy of Sciences.

TITLES OF PAPERS TO BE READ

Friday, April 21st, 1882.
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Phonchure

1. On the formation of metalliferous vein-formation at Sulphur Bank, California.
b he be $\bigcirc$ Roverver Joseph Leconte.
2. On a form of standard Barometer.
3. On a marsupial genus from the Eocene.
E. D. Cope.
4. On a fallacy in induction.
C. S Peirce.
5. On the infrared portion of the solar spectrum as studied witt fo the bolometer.
S. P. Langley.


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Domer.H.Richans.
Phila Muy 12.1882
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Courses which General walk has tail of will attract many quod students: several are now planning is come here from the basin school misted of going is college.
we thine that there subacriftions will ween the circle of friends of the Institute as well as mereose its resources as we intend 4 go it those who would nor give is the Institute on anything else -

Min broacher mentioned the matter i- mss Fining. Show midedentally the other day and she receded a check the five hundred claclais the next morning - Mir Marian Alovery and me a paper it pe tested fie arsenic a weeds since and enclosed a chevre po tiventy fire dollars "fou the baboroty". In reply on Well heir of ours plan and she mimedertly said she would give hoo hundred dollars - Mir may has the prater and has nor returned it it me bur she si confictent of oblainapy several gored sums from hie preinds. We thus hope it hone a good start before the may meetiniy if the momanis Education asioceotionc and we shall defend
upon them it do a goad deal.
Now if Properer Rogers thinks this is a good business, more and approves of itwill he be willing li mile a mole io me if us stating his approval - is order tho) we may avenues inquires as hi his opinion - I would have surittine los o well as soon as the idea was developed if 9) hade nor feet- thar the meesimy of the Academy was all thar you one by ti hove 2- thine about. If thee are any women whom Prof. Rogers wishes is ask fou the general find we will avoid theme. as our purpose is to toke an outriele fielel. How is it about min Wrigeleswarte?
Min Cushing mex here the other day and colet her about the plane. She was very much intursud and saicl thor she would ne gloat to give if Prof. Rogers approval. and she woilel also introduce min Cushier, L Mi rs sears.

I know you mill forgive me for troubling You as it i if the grovel if the muaritule yours affection o Rely Elem XV. Richards

Wheth Pareaster Athil $24 / 32$
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Monurley; Abotel, Mashingloñ D.6.
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spportunily to auscuer yoner fivid letere. having becen abseet-al the tivene il unces receicud. Icme mery muectegratified to leare that the Siografley gy wery Ser is to he publinted so soon; ased that Pedg fill is to werile it, as he cuas so siell acgenaided kirith Millicence, nad Kas suct a revu an kiable seveverg, Ittot It Deiek 'it will fine a cooved acencul of his life, and lators. Iom willing that yne. etordd let hum Lave the Mewsfupher slif, sud lelle, hat would like to humer the fonveren whwened when he has dove with it. I aur nery gratefut to you for the
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Tołus ©
Buttimore, A/pril $2 d 1882$
cermical Labobatoby.
Prop W.B. Roquers,
President National Academy of Leceness. Acardir:
d have justreceered yourd of the 2Vad inst informang we of noy appomtrient as a memeree of the Commitue of the cNatenial Academy to invostugate the questaris with reference to alcolhol sugquited in the letter of Cimsmonemes Raceme. The cmacent of work wivolaed in enck an curvestiqatoin, as trell he ccadidy Len, comideratle; and ot oo
notkee howr e cmed fexsonally to the actual latroatory troky. If, howeore, "actual cufounses" inelude the pay of a labrona tory assistant for the trime, acenpuill the imestigation, I stroes be billing Buplerintend the work, anoto os my bhase towenis frefaring the refent. At may. be that ithen Prof. Barkers Mrof. Chanden may be atce of make arrangemento for donigy the worly. If so, $\&$ woner be glad to cöfurater withy them is the matter. I have writem th ang buiti b awach Hhen' ancouess hefore Stating' Sefinitily












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Battimatre, $\qquad$ 188

Cbbmical Laboratoby.
whether \& can aceept the, appointinenty onot. As some as o hear from Themo I shall witie you definidety.

Im wile readily uerorntand thal, Wide of appreciatey the honor comedetg with the affermitment, of hidate atoon accoptin'g mutie' \& Con Lee my_ dear to doing the necenary waty.

Your aory respectfinlly, Fratlemeen


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Sput 25. 1882.
 Nelpat - Goint Le, deme,
 Hec.aid $h$ affort thes folews, trember as alosm..t th

 haz.

Akwamb. Magi- Ablot. Ponele. Id.P.Brunal. M.A.Newtin. $=7$. These ltaig a Pomple deaine, She Chars. Newbery.
 n. a nuro to wite a Newberry.

Whe Pres'. lasd Fefrnt the Acoaderng a seguent fum the Superonswi. f th US coast $\alpha$ Seov. Sunnes tor werineles an Cfforisios bo lath Copanomi of the progup Jrade hin'the teengreate conmeers 12 - Allminio - Pacapii Cousts a D uptrt n 12-Sar. Aorfen Apuil. 2t.1882
H-anscibles fum Munwis spel 24 1882.

Hautical Almanac @ffice,
Ravy frepartment,

Siv:
Af phecial mating of the loruncie of the Ovational Ctcademy of Sciences is called for 8 odoch this evening at Woumley's obotel to consider what action shall be takes respecting the Nateon bequest, which is now ready gor Rayment.

Very respectfully youre
SVenuipulh
obrme Seccetary.
Mresident IV B. Bogere
ovarmley's botet Glashingī̄̃, Ob.
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Sactunigton Apid - Yy/82
IOf ItunB. Ragene Iny dean Ni,

Saudon ine for nitiuning ufon you Gorinately, fut lam in rather an embanacing buedicament and ymu auc, d belive, the only bencon here nho undentands My fortion: Shid that the former. Af thos. has gome awny to be atrent boblety, a muve yet-and that he has lelt no authoity to fory my Sulamy or ufeemeer to thme
actually expended fir and on Nom. Conum. Getums, I mile account of the Committic, Le uccedingly obliged.
of nhick Samvecretany, under A line to me at the Stational intunctions from ©rof Siliminn.. Auceum - cane of Praf. Goode. Y/0\%.95 in traveling and other sill reach me trompley-and expencer; and ame, Shelive, hofing that yon may favos entilled to a balance of follong me at yom conkieit Connemince fir this monte of W5. Sat lent Sam-
al bill be ou Saturdny 'I. Slind myeclf in a mret lamentably imfecumions of tate. There io, 1 fear. no nay for me to abtain the hhole amount of $\$ 5 \% .96$ at the hrment, but if yru cam cuable we to get \%o. nith nhich to defray my offences until the

Hith great reepeet Homs very Fuly A位golorduch

I/Buf. Hm B. Rraero ORSD. Hormeyo Potel Harhington os


Hormely's Aotel
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Io bew Sucelemey
She Getideut-on the Inited fraes Dear Sin

Thave the houor to informo yow that the hational keadenny of tecences mile hold to aforil Enceting in haotmigtorn on Huesdde the /stilins'? of contimine in fettion gor Sencral days, \& that the Ecadenny detiked, in accordanced hith the inlaqe, in the cale of a hew Snief Traqiotrale, to he wleonied the
apbontumby of kayjug its refpecto to yaus escelency, at fuch tive during it meeting as youn may einbly apponit for it seceptian.. I heeg to add thah the Academy would he mmch gratifiel if yow cavla make it convo

- hiente to he predent-atany of its Sucentifie lessing. 1 am
hith the highesc respectyaur offtideraf buxur Milhain Pr. Doques. Redi hate lead. by de.

The growth of the chool of lndustrial selence now made necessary the diseussion of plans for a new building. Mrs. Ellun . Richards, the first woman to praduate from the lnstitute and after wards in charge of the "Momen's tiaboratory", proposed to secure funds from lady friends of tre Instlute for spectal aeconrodations for women students in the proposed building

Boston, Apr11 $24,158$.
Hy dear lirs. Rogers,
The question of space in the new building,
for thesuitable accomadation of women students, has been weiphing upon my marid for the last two or three weeks. After consultation with General Walker, Miss Crocker, Hiss Abby May, Mass Plorence Cushing and myself have undertaken to approcent gextain women with Whe plan of raistige a small sum, perhaps elght or ten thousand dollars whith my be put into the hands of the corporation in order that they may feel fustified in including in the plans of the new building suitable toslutyoonis in connection with wis wach of the Fatoratoekes ard in soxts prent of the fobldang a ruception room whien shall be for the use of the xasx women orly.

If this can be cone the lnstitute may say that it is in a condi ion to recelve women students and the three new courses, Which General Walker has lald out, wlll attract many good students; several are now plaming to cace here from the latir school instead of golng to college.

We think that these subseciptions wall widen the eirele of friends of the Institute, as well as increase its resources, as we
intend to go to those who would not give to the Institute for anything else.

Miss Cracker mentioned the matter to Mrs. Quincy Shaw ingdentally the other day and she received a check for five hundred dollars the nest morning. Miss Marian Hovel sent me a paper to be five dollars "/for the laboratory". In reply told her of our plan and she immediately said she would give two hundred dollars. Miss May has the paper and has not returned it to me, but she is confident of obtaining several good sums from her friends. We thus hope to have a good start before the May meeting of the Woman's Education Association and we shall depend upon them to do a good deal....

Now, if Professor Rogers thinks this is a good business move and approves of it, will he be willing to write a note to one of us stating his approval-in order that we may answer inquiries as to his opinion. I would have written last week as soon as the idea was developed if 1 had not felt that the meeting of the Acaddray was all that you ought to have to think about. If there are any women whom Prof. Rogers wishes to ask for the general fund we will avoid them, as our purpose is to take an outside field. How is it about Miss Wigglesworth? Miss Cushing met her the other day and told her about the plan. She was very much interested and said that she would be glad to give if Prof. Rogers approved, and she would also introduce Miss Cushing to Mrs. Stars.

























Yours affectionately,
Bllen H. Richards.

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