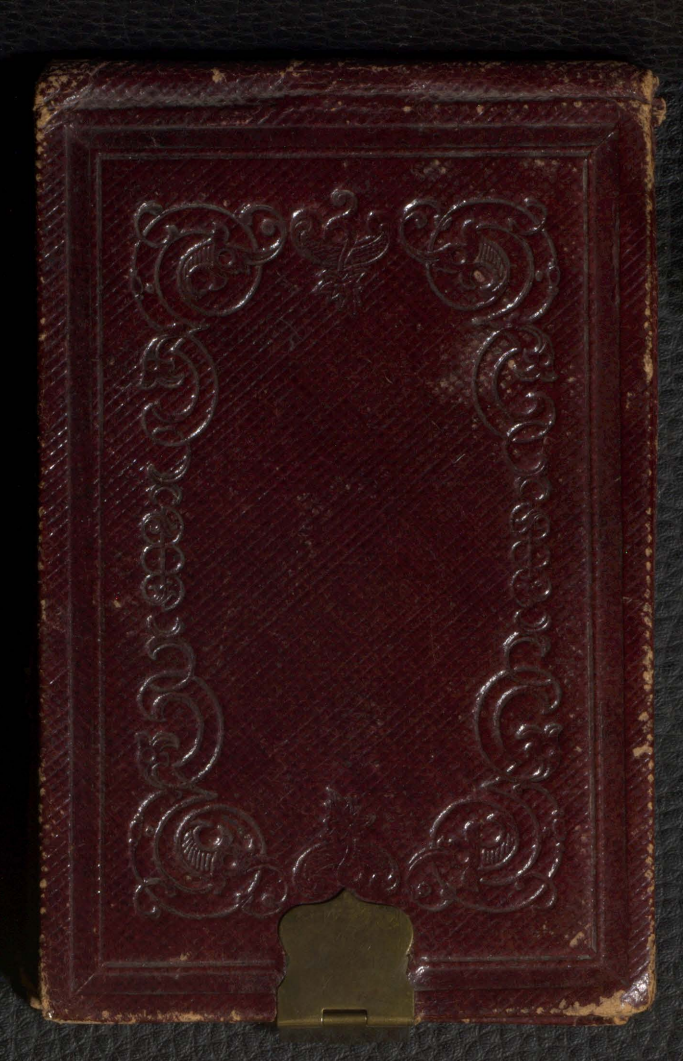


25

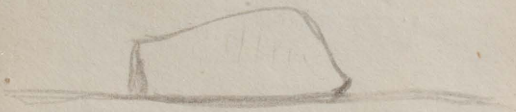
ALMANACK.
1864.

	S	M	T	W	T	F	S
Jan.	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...
Feb.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	...	...	...	...	...
Mar.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...
April	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
May	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...
June	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	...	...
	...	...	...	...	...	...	...

	S	M	T	W	T	F	S
July	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...
Aug.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	...	...	...
Sep.	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	...
Oct.	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...
Nov.	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	...	...	...
Dec.	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

Not 1864
as pr almanack
Pack 1865

3 dofl mau



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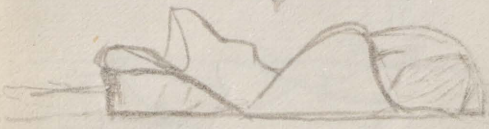

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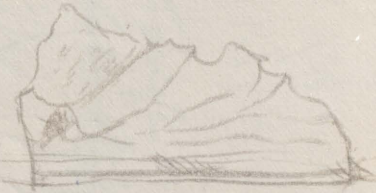
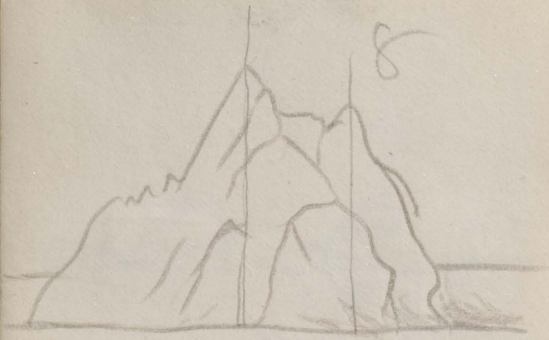
8





10

Water Line Weather
sum of depth
Fun 11 week of
Alpine tile Nov 2

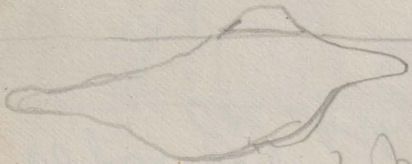
26 May 1887 36 seen

May 30 1888 = 496 seen

May 6 1889 = 296 "

60 feet high or more
all of them

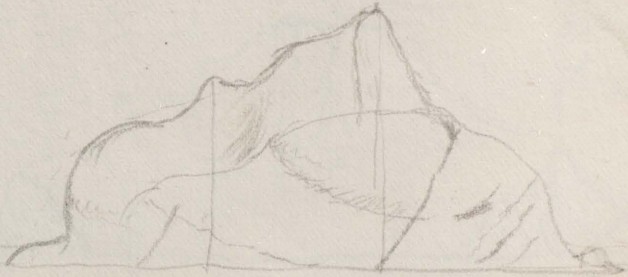
Another iceberg here
200 feet a mile of
remarkable ice 1869



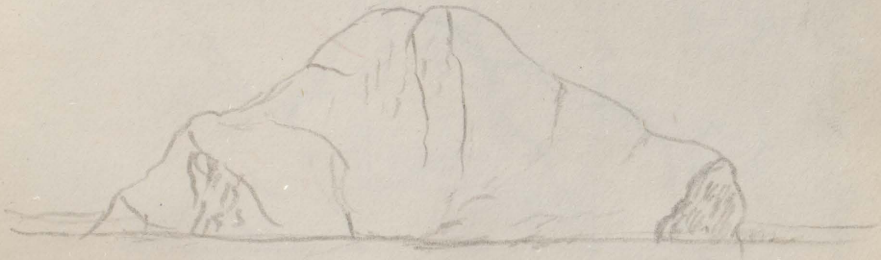
This generally in 30 fathoms

12

13



13



14

15

This key has the
flat side a – covering
both earth work
on horizontal & vertical
lines – ? if on
bottom on fan (circular)

Wed. 9, 12 – Leave here for
N.E. – Cycle ~~[illegible]~~ for W. Sen
Gulch Get ~~[illegible]~~ photo & va-
cat Cottage –

Bayfields chart
shows rocks Quincy
bottom –
Current 1 to 2 knots
per hr.
Bears ground some-
times in 30 fathoms
Depth of 87 fathoms

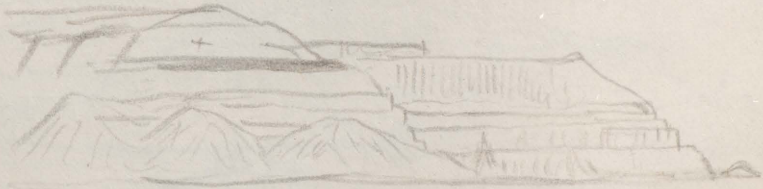
827 ~~[illegible]~~
in N Entrance
Mud flats 50 to
25 fathoms in
middle
Belle Isle is in
57.56

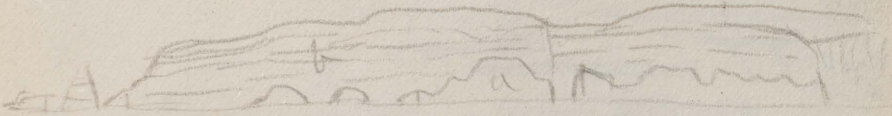
Vaughan has been
lost or have aground
on bank off Belleisle
some of them foundered

Long and 400 feet
high.

Mole Port Rock
Giants Causeway
Skerries

+ Red rock point
near Grand Canyon
9 of 1865





A chalk
tunnel Rathlin
Sir Isle

Cliff near Cousins
Point W of Ct

July 20

Liverpool Museum

Cases arrangement
stop boxes & boxes a
cards. Shells at by
jars — collection
Cuckatoo — Mount
parts — models
minutes pearl

Free Library Reading
Room of

Dines Marble work

Cenotaph
marble

Rocks

Geol Specimens
Mounted jars

Chrysotile is the
principal or pipe
serpentine

Durant, Maid Hand
Stanford

Note the geological sheet
of England as seen on
the great Northern
Railway chalk, purple
New red May Lane &
Carlingford.
The red sandstone of
Dunbar & elsewhere in
Scotland
The bedded basalts
of Antrim Devil

Probably dropping out
a lower bed,
chalk and flint
gravels of Kent on
Greensand & Gault at
Folkestone

Fossils at Boulogne
lying from under the
chalk — Sand dune,
along the Coast — Peat
inside those and up
the Somme

Loam

Peat Earth

Sheet fine gravel
Sil tailes

~~Fine Sand~~

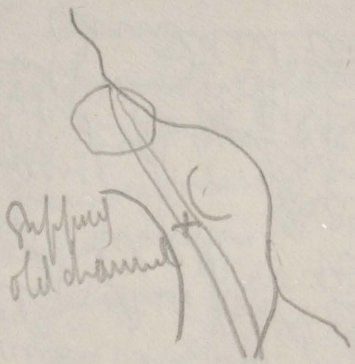
Coarse unsorted
Gravel
Clay tailes

In other places
but cost
Sand
of Mr Grant as
in Restoration plan

Drew from top of the hill
suggests that the bed of
the stream may have
changed from Hitchens
to present place. The
value bed of Hitchens
would cut off a
more straight line

If this was [illegible]
the men have made
a land maybe then
name cut to preserve
Wally goes farther a
guess whether there
change from a worker
[illegible] Mabel of the
County may not have
been connected with
this and also which
the name on the building
of the same may not have
found [illegible] to the
[illegible] In that case

The very ground of
Stratheard is just
above a crocodile
gorge which has
been thrown up



Both Altnaveigh and
Albanach there are

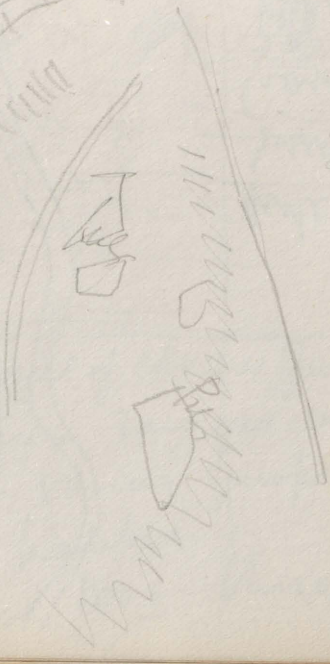
immoral lands of
the Nile inhabiting
Abbottines which have
proceed out of Cy ay
and there Abbot are
more than the church
Judges which hath
plenty which occupied
their places and have
perhaps debarring the
comfort or Sides for
them But at times
I of Abulle also Swale
Infidelous come in

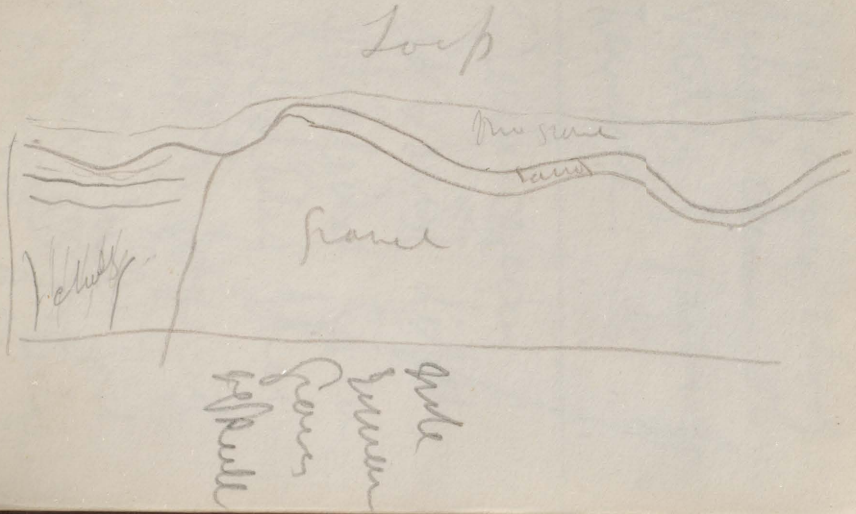
right angles which
might come over
shrubs & young
timber

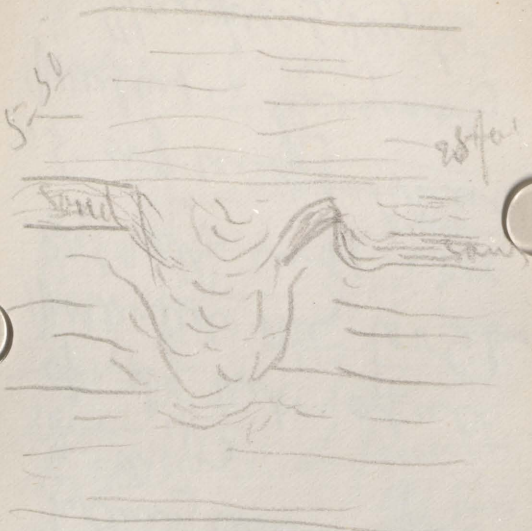
Saves acres
at times depending
upon the soil so in
substituting this
for the usual
of centrifugal and
thermal bridges

[illegible] of [illegible]
in good [illegible]

[illegible]




Loop
Sand
Gravel



account of Chinese Junks
1 Kenna — savages use
tools for various purposes
as the hatchet
2 These tools three

Rules 1 - Pickaxes, 2
wedges, 3 picks.

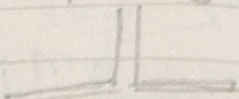
3 These primary
for cutting wood or
hollowing canoes cannot
for diggers

4 Do not at all
preclude other tools be
but rather imply -

5 - and imply these
practices in necessity

These pieces may be
later
Cotton

1 That the place
may a gray lay



like a place suitable —
heaytimber — good soil
— earth for pottery — near
river yet not in the
bottom — defensible
good flint — In this
are there tools for
chipping —

2 That the Im—

can there be human
law — Then if
Atheism is sound
law in a human way
at higher sense,
— larger — & thought
? of hands of sense
law the way —
In this case the way
cannot not denote
just times taken
of man cutting pen
of human — People

dug caves in
banks and threw
away tools — Fire
destroyed trees — public
in in into change
of Church — delineation
of County — destroyed
animals other — Herd
flock Snake cannon
into trunks & flies in
logs cut wind
change its course
and began to cut a —

new & deeper channel
floods & see from
by the at moment
how the Sides of this
been again clothing
with vegetation!

Dates they's left
Sunset dense thick
a cuing at just
pass then Cells
church just the
Cole grapes &

Good Friday
Bois Gardens &c

Sunday, Paris

Morning
Chapelle Sorbonne
Rev E. Pupeure
Miracle of healing after
descent from Cross of
Transfiguration

Afternoon
Church of Scotland
Rev = Oxalaire
dull sermon from Psalms

Left Paris Wedy
Morning 9 Thursday
Passed Fontainbleau &
other pretty places
near Paris — soon
entered some country
what measured
the past Sept when
in Burgundian plain
Vineyards in some
places as far as
could see all
trained on poles

the tops escape
~~[illegible]~~ near Mary &
further S when hand
in some places in
stump in rows
stretched between
posts. S of Dyer
Indian corn began
to appear in
patches & continued
all the way.

At Chatham called
upon Mrs Spaford
Chief Leader of
Sisters of Charity

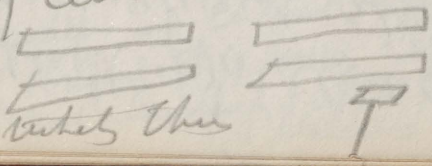
Rocks & moonlight
until entering Valley
of Rhone then saw
great hills to left
Rains of Rhone
all the way to
Geneva.
Thursday at
Geneva. Church
of St Pierre — &
Mus of Patrick

Rhone are

Rhone Dec —

Friday Aug 11 – Visited
musée des Académie
little old poor place
but curious for the
collection of Sculpture

Botanic garden of
de candolle laid
off in narrow beds
separated by
peat with Orchards
& central walk



visited this

Length of Orlamine
arrangement about
300 paces breadth about
80 — little Sockey
and pond in ante
chaber.

Voted the Deed
of Pines at the
Orlamine in Paris
on 8th Sept 1865
The minute of
Prof Huxley spoke

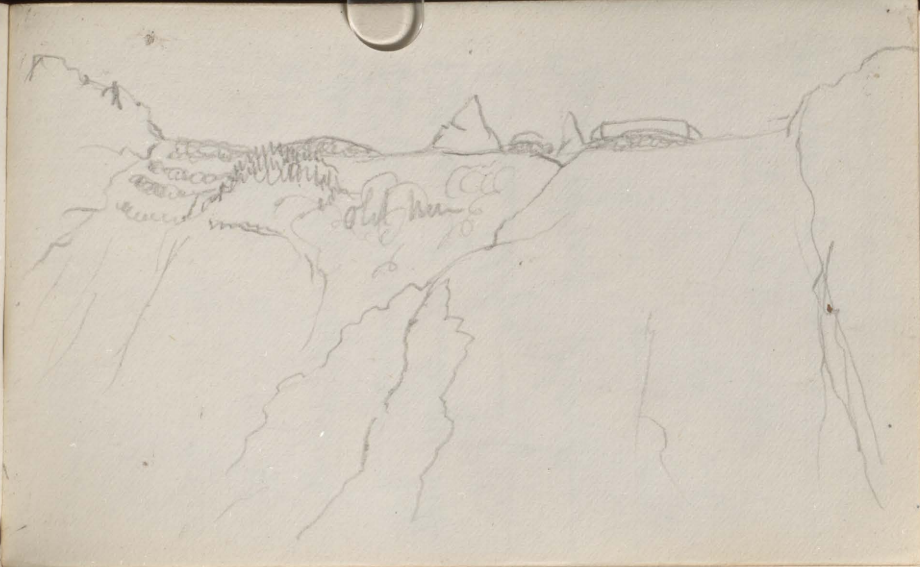
in form of abc
solely pre schools
greater economy of pup
education — greater en-
ouragement to teachers
also a general display
(Competition) of Education
on occasion of Dr Indwell
Exhibition

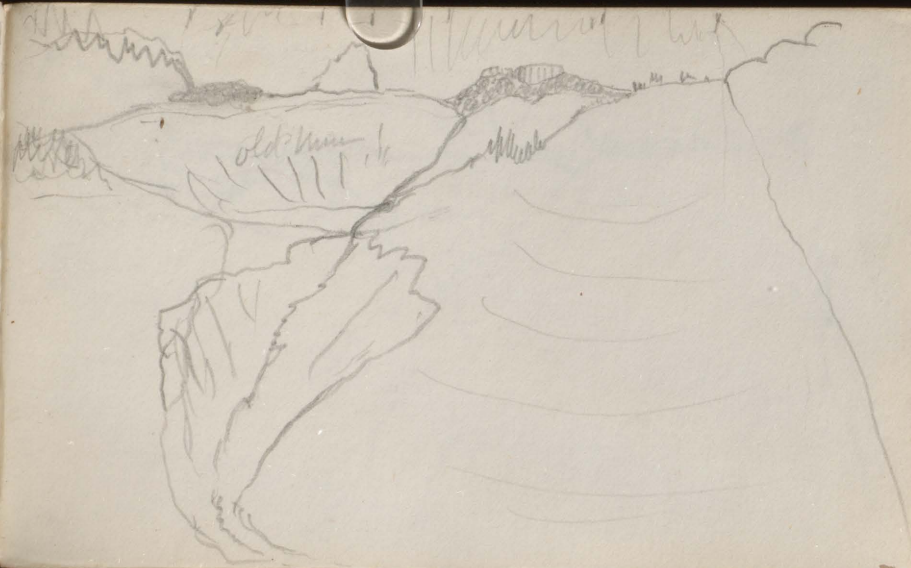
Saturday ~~Oct~~ Oby 12 — Sunrise
to Chamounix, left at 6
remarked snp summer Canopy
bunches — entered Nets
& Orchard still times, Corn
& vast abundance of apples pears
& plums

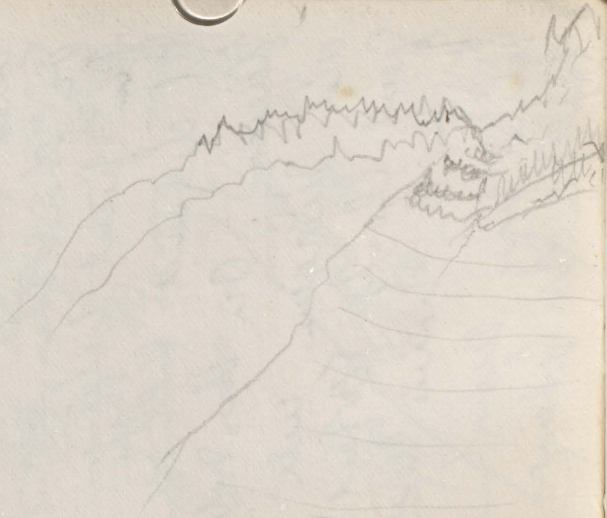
Scenery charming all along
the drive to Chamonix —
high cliffs & mountains &
beautiful flats at
base, drive bounded with
white sand & pebbles
in places in numerous
channels on pebbly
flats — meandrously
& sometimes braided —
also cove formation
Dr Spencer — also
sand like boulder
clay bought down

avalanches in Tonnere

avalanches & torrents
a landslips. glaciation
observed in the valley
and very perfect and
prominently on steep side
shapes of gullies which
might be mistaken
but easily distinguishable
from landslips — glacier
marks upon Alane

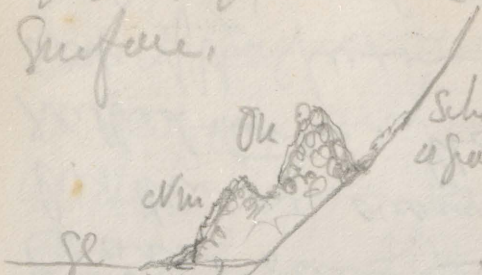



old?



Monday + 954 torres
Ascent & Mendenhall
through Pine forests
to 5724 feet + then
+ Glacier & then descended
down on this side encum
bered with moraine
on the other carry
you point between
Gl de Geant & other
glacier. On this side
old moraine with
great blocks 500 feet
high in the narrow ravine
which was much
washed in places

than present surface.



The old moraine is from time immemorial. — The rocks above the glacier are polished & striated in places up to chalet at Montanvert — but not in places and in places side, and Vice versa.

Glaciation is indistinct
& varnishes infrequent
It is probably greater
under the glacier.
In the moraine
near all is angular
granite & schist &
gneiss with much
coarse sand
but there are occasional
rubbed stones. The
rock of the glacier
is granite in Canyon

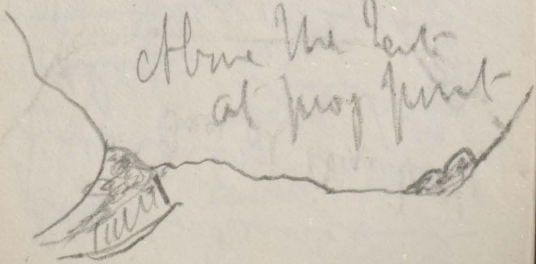
strong from sides
but it carries more
on surface and sides
and its polarity is
less uniform than
that of the Galway
more especially it more
to inform in tops
shells and on
upper parts of
bodies. Affect
of Mr de Glan

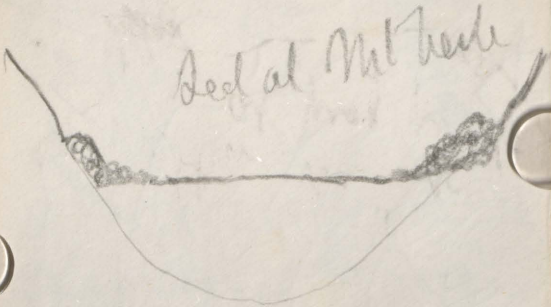
in Glacier de Bois
which turning falls
suddenly in front on
a wide flat floor
but polished & at
end turns up terra
cut moraine and
old dry in advance

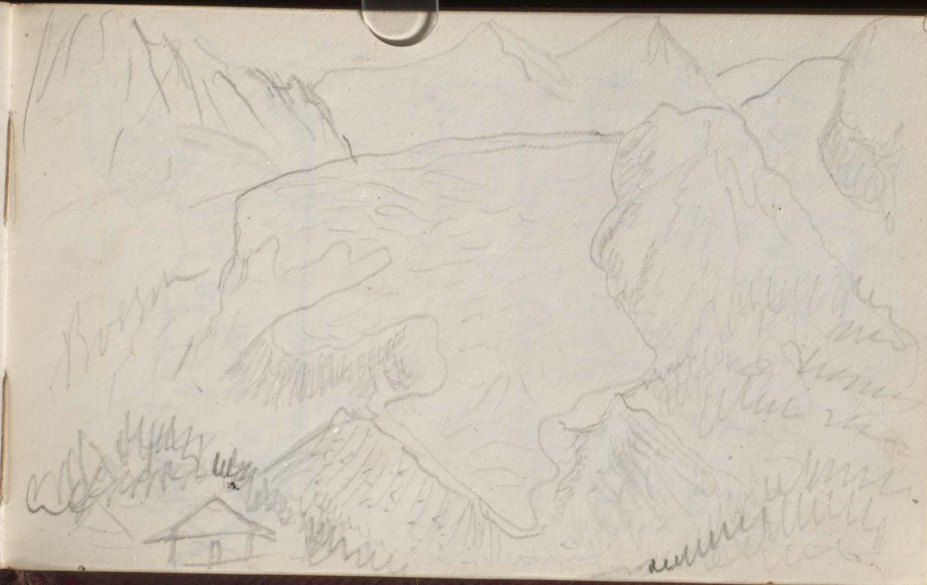
The Ice is at the
sides covered with
sand and small
angular stones

and there are
blocks perched a
pinnacles and
also - blocks pe
into crevices —
great angular
blocks of granite
The rock is coarse
granular. The
crevices very large
and sloping pinnacles
Note dark crystals

at Garden and
Orlando Jones – he
Edmond at B Street
Other side of Chan-
nings and land
higher




Bed at Mt Verde



Glacier Bossu — Tuesday
day 13 — Has great
moraine looking like
a volcano crater
or cone — more
clay and more
like brick clay
than that of Mers
de Glace — saw
one ~~stone from~~
block of gneiss
rock imbedded

of glacier with
very good glaciation
quite equal to canad
& the same sets
of hard stones half
an inch broad
& polished as if
by oscillation!

Action of glaciers dep
Jim boulder clay
1 in ridged channels

the top and the
but transverse bed
but longitudinal
2 Local change
debris all from
higher levels related to actual land
3 Sep deposit
chan of marine
deep clay
4 no possibility of
marine shells
5 Deeply connected
with torrent action

6 small glaciers
~~of lar~~ varying lengths
with waterfall in
perspective
7 Rivers carrying
deep & deep deposits
lately — see lines
with boulders
8 The nature of glaciers
to draw with lines
of bergs into channel
Cement Mendefe Lake
breadth of sub glacier 6/6

[illegible]

Bofjan glacier like
this have been
larger than at present
Old moraine [illegible]
[illegible] but [illegible]
[illegible] [illegible]
moraine — New
moraine by large
but glacier should
[illegible] at [illegible]

Line for the Figure
whole range seem
to fall due two
to beyond Dorfan
in all there it
is evident there
more debts has
fallen in needed
to clip them

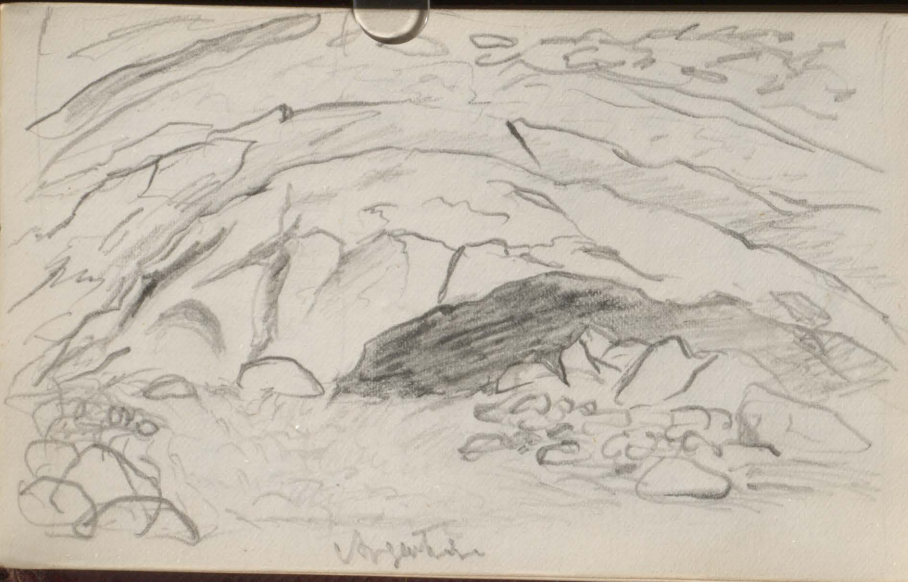
Stones have carried
in their veins
Stones - Corners
Let Excavators
They give shape to
debris left on
fine chips &
Carry dimensions
This will seem fine
Thyme where

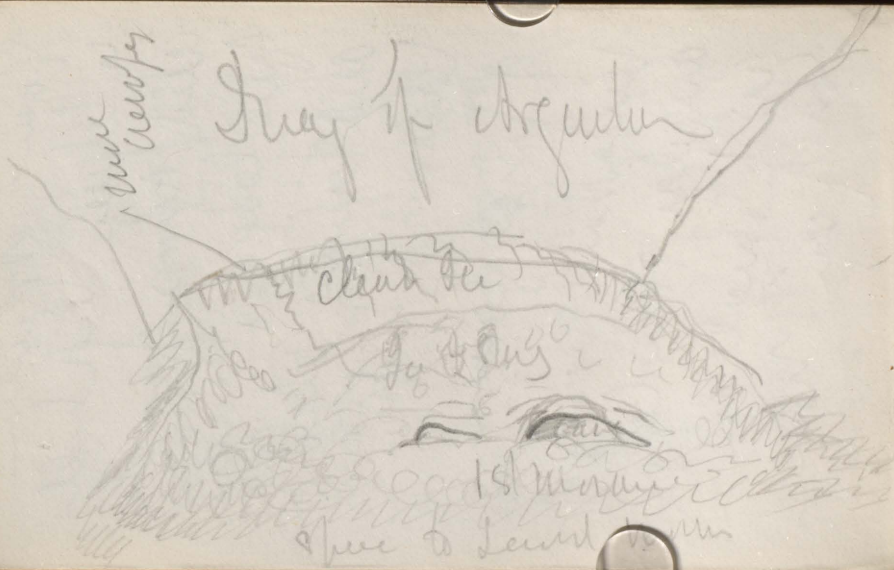
on both sides
immense quantities
of moraine above
Glacier Blanche
Glaciers Vin blanc
where we slept

Near the cabaret
at Flugen 2000
feet above Chamonix
Glacier Mer de

Glacier Station

N 30 E, on side
of hill toward
valley appears
as if made by glacier
filling channel
valley. Rock just
beyond this by
glacier descending
from lots behind
Hungere




Bay of Argentina
Cliffs
1st morning

Stem of Appendicular
is between left kidney
and ribs far de
fine colored veins
and terminal also fine
terminal in addition
of forest flower
remarkably growth of
angular stems large
and small in
southern region

bottom where
then, thawed
out of ice — stones
that have fallen
into crevices
no indication of many
of these stones, and
part of rock land
bare at the side
imperfectly glaciated

~~Fete noire~~

Tête de Moine

Prepaquelle, very
& other equals
near

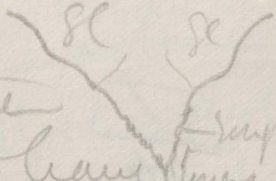
Bust 1554 Tower
Left Been
on left hand
appears to slope
gently and

Date Carpeaux

to be confined
opening brown
Coal Strata —?
Grossie water
unconformably
on Coal — then
Pup and Dorsey
and crify Run
Now enter Sentze
land & shell off
pop and Satterw
& old fort defendy

a very narrow
part of the pop
M. Tete noir
Cool shade with
plants arched
as shade clearing
parallel & strata
also put to engin-
erate the cattle
with men and
having a spot

of Gneiss - Rocks
of Feta with pap
Elevated above
below crushed by
tonnel



The latter
seems to have
cut all the lower
part of the ravine.

Mr Ogle
& wife

£
6
6
3
20
35
40
75

Guide
Fabien
Devonpoux
Le Saponnet

Guy de Fronte
2000 feet long and
600 feet deep a few
yards wide —
beds of gneiss
& stay fixed — did
& entered but confu
able in ~~two~~ only
& evidently have then
fan up — out
of Fronte but put
a person a heavy
plan

Cal acid shale
purchased here
coal fossils and
Insects from the
Gent du Midi.
Latter collected
by Chaunoux
brothers.

Jim Martyn faced
over Cell & Grape
& upper end of
Lemay. Salt & Pep
then Miocene Lenses
Soft - Sandstone

to Lausanne. L
Leman is cut
out of this +. Passed
near some mountains
to near Basle where
saw Jura and
then Loop of Rhine
and valley Jura
at Bruchsal and
Heidelberg

At Martigny volcanic
ones & coarse re-appear
and there to Lausanne

+ Saw at upper end
of lake, thence to Berne
some true boulder clay

Tobacco Tobacco & Beans
disappear and
re-appear beyond
Dale also quantities
of Tobacco which
increase toward Mans-
ferm. At this Aug 19.
ears of corn full grown
but not colored, Tw2
beans being ready, grapes
ripening — most of grain
cut & stacked
cut & stacked being cut
much hemp throughout
all the County & more
good than a bance

Saturday — Sandhurst
Prof Gross — Scheme in Geo
Geology — funds — 2
Grounds. Shirley plan
Cur — few guns in
pub. Imp Red Cross
& Ch tours — June
Jubilee, about 350
in Cadet Corp — 60 & 70
in Staff Corp — Course
Staff of Prof Teachers
Beam of cadets every
Course 18 mos — Staff

Jul Cases
Oct Cases

Stop Copper
Constitution
Quinine
Alexander

---

and Mod Languages
& Engineers & Subjects
Wine dark & Mod
Scum — Opium
Albumen — Early
& many consumptions

Oxford
Phillips, Rollestor
Daubeny, Acland
note — front of
Museum, central
court, stop unfinished
side aisles — 4 towards
Hall Lecture rooms
& workshops — at
the side another
long rooms of Radcliffe
Library — Del Rules
& Reports on the

note Phillips arrange
Memory Gel —
Pal — up & down
chec up & down —
Jentry — 2
Mrs Hu the lotto
lovel
Gardening Potatoes
Gardens — arrange
in plots of varied
fm hd in linear
beds —

– Pillars of various
marbles & lines
Capitals of flowers
and spiral ribs
Open & Bulbe
~~all~~ many
visit it —

Three galleries
one Physiology, 1 geology
1 of Plates
Rotherham Museum
about Animals

Je Wantes — an Jhe

Jennings

Gregory Bill	8.12.6
Wright's Do	7 —
Do	06-6
Saemon's Do	3.3.9
Lorand	0.7 —
Hughes	1.0 —
Pulsp	1.10 —
Amuad &c	2. —
Cameis	12
Tol	8
Packages &c	12.6

Footprints
Armadillo
Whalebone
Cameo
Asbestos
Discovery
Chinese pearls
Foxcroft
Pennsylvania

Wheldon
Great ~~Russell~~
Lebanon St
Camden Square

Opposite Somerset Ho
Close to St Clements
Church

July 1865
3 Shirts
2 Pyj Drs
1 Flannel Dr
13 Collars
6 Handks
2 pr Stockings

Reynolds - Shaw

Fat - Mammals
Mess Reptiles
— Peaks
Dennis Fishes
Typical English Rocks

Top Column
Lingula
Flags

WPL objective
Movable Stage
Platypus

Nelson Hotel
Near Portland St

Head
29 Eaton Sq

Sponges
Alcyonia
Red coral
Comatula
~~Pentacrinus~~
Stomapods
Crustacea
Sand crabs
~~Stenopods~~
~~Hippolytus~~
Lizards
Pennatula
Cidaris
Holothuria
Red Coral
Brachiopods
Tunicates

Models of Foraminifera
— of Crystals
Fruits of Palms &c
Botanic Specimens
Economic Bots
Wall diagrams
~~Sarcophaga~~
~~Trigonia~~
~~Skulls~~

Superior 988 627

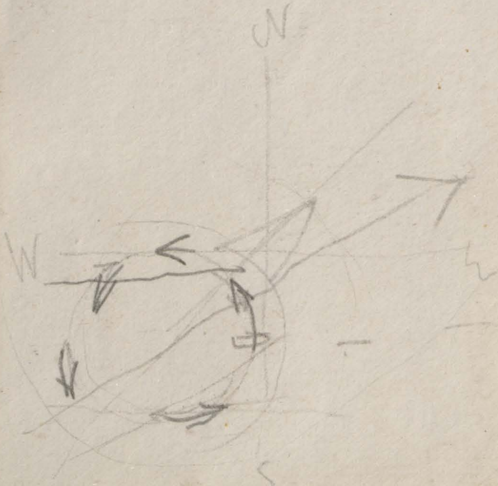
Huron 300 574

Michigan 900 587

Erie 200 555

Ontario 500 262 ft

Adelphi
Hyde's Waterhole } L. Bool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