



HENRY PENNY'S
PATENT
Improved Metallic
Books

BEST PREPARED PAPER

WARRANTED IF

WRITTEN ON WITH HIS

PREPARED

PENCILS

TO BE AS PLAIN &

DURABLE AS INK



*They will be found of great advantage
to Travellers and all persons who wish
to preserve their Writing.*

No 7

1872
No 13
of 5
Wolfe
Linné p. 11

35

May & June

1872

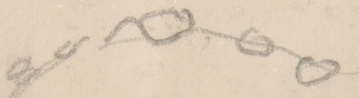
Banger, State like
to John Pennell
a US Coal seams
same up Pennell
glaciated & into
Boulder clay below
Clay strand comes

Above Papachunk
hills appear to
suit from water-
level

Matamoras
Matamoras
glaciated as before
suit up Pennell
Many granite boulders
white granite
along river

H & C. C. River
Large rocks
with many great
granite boulders
in sand
Corner up below
River

Paul Macadam
Street
Numerous points
of large granite
boulders at various


on surface of street
sand

Some south of
Orinoco &
Pass to high lanes
of Orinoco
Granite in situ here

At side of Bay of
Lake Guara
ferrous rocks aff
in traps
chiefly East
of Guara

Iron seen in
glomerates
in Guara

after Pass on
old rocks

Report on the
cutting of ground
into granite
blocks
? of 2 cut

2 miles past
Hoyt state
Oliver stables +
begin
seem like the
last

+ vertical or diply
North & at upper
angles to road

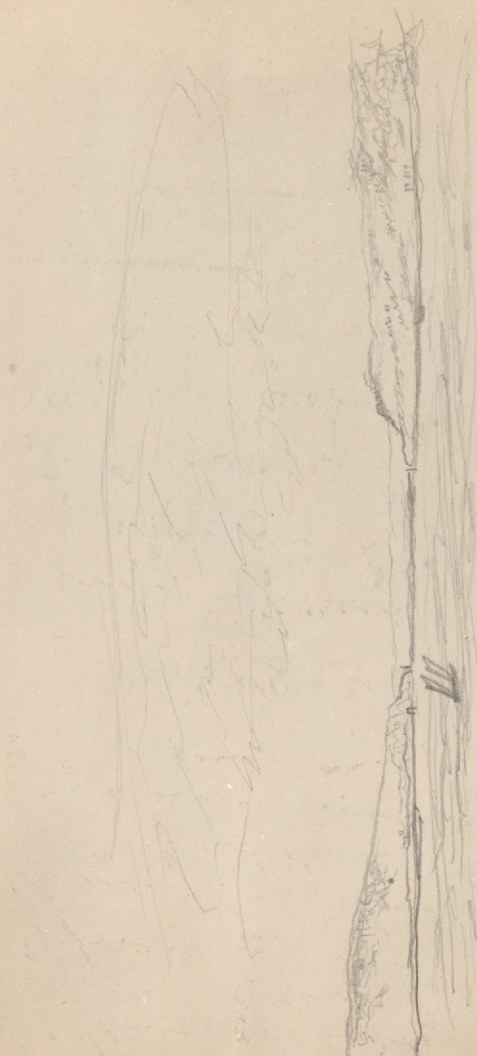
General ground
anarchy

Ground chiefly
granite boulders
dips for three feet
west + also hills
of hard rock
+ has much red talcum
? of quartz

Chalky has
found yellow
stone at
Antar Bluff
S end

New River
87-9/10
see Pocket 107

Note chalky
Mudstone



dist sur funderen

May/92

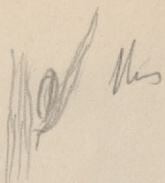
Endless as to what
Bluff would be
appearance of
character of states
as looking toward
the? with present
of 4 figures in state

Dr Huxman

Hallucination
of the nature of
L. Curvature

Steps of Cyclopedic
Stabs of Gannet

Chelonicus Protea
Long narrow & line of
intention, find shell
on in Mass
~~6~~ Glen Channel



A man saw the
a specimen of a
pinnate? leaf stalk
of cypress or of al
to Lepid. pinnate
fruits see specimen

Valley station
near this 26 m
in Oute Red
has many
I can mean

Grant - Below
the thickness of
Red shells & grey
sand shales
inclined NE & SW
Dips - to thickness

Contours as far
as W R station
inner level is
grey & smooth
and soft
NW

No 4 - Puffs + ? Ellen
du to
the Swan

H B. Holmes 200
Woman
the Donald

Partly - Expense of the

No 3 Specimen
Same party

McDonald's
Exp of pieces in
190 pieces from base
in direction S 70° W
Openy Exp pieces are
to be used abt 12
feet across from strike
of ore. This strike
is S 70° E -
about half of the
thickness exposed
by the first one

The last I checked
with Lewis. The
mountain is an
open field, it
goes to when we
go to the hole - which
is 5 ft deep

This distance being
over me to W. - making
time about 1/2 hour
or more as to make the
distance of 800 W
to 800

At this place near
boundary of the
beaver den but
no iron. I appear
plain.

At left side of
the band of greenish
appears to be black
slates

On look to West
gray slates south
of line of the

Very vertical
Strike N 70 W
to N 85° W

Same Run
with other seen
near one band
on farm

Further down
Bank same
Strike S 80° W
dip 5 at ²⁰ half angle

Arrived at
Point
29. 61

McDonalds House
29. 47¹/₂
= 135 ft

At One
29. 40
by 190 ft

Pacific

From the cre-
vice to last
indication in
West before any
to deep bowl
230 paces

To further
Sun before
about 300 paces

about same
level. Apt-
thickness 8 ft
the power
ends in woods
in and the dry
days are unduly

House SW Dred
then 29.40
Road at East A 29.82
day 40 ft above mean

East River 29.87.

Kidney

Hartley's Refum

Blue slate

Sub. ct 10 E -

Sub to SE

Dressed Face
Surt of last
or smaller
Some blue slabs

Dip S. 60 W
also 25

But if they become
flat then vertical

Dip S. 10° E

Fault here then
runs to N. or NW

Further up same
Doubt - Dasher
Oliver slate vertus
Shibe N 80 85

Further up
at letter feet
Sup N W 75 80

Shull also
Miss Miss
State dep
W W & 0°

Miss Jennie M
of Missour

See ch

yer

Holly

the

the

of

~~from~~

of the

see
↑

the
back

of hammer very

sub roller of

with the

of 60 to 70° N
slope

Ch. deffers
Ap. fol. Thule
S E

of same det.
seen on hill
when = species

88 d
10/22



cur
5/1
18/5/7/2/

In a ~~book~~ ^{book} W
of the deep W
Went is a cir-
cumflex to
fault seen at
I have
red, deep S. 70 W
at an angle
meets the Surt
Surt det

Look the same

on hill fault
to water have
quartzite we
shall refer to

SE

Fault must
take course
of line

Course from
Boulder was a
straight line

to Digging

S 20° E

At Digging

Course from 10° W

measured to E

Point by alt
at 40 E

Chaply to SS

All angles of

30° to 20°

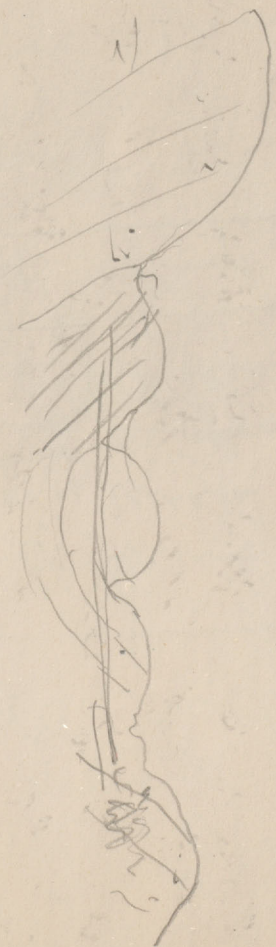
Pitcher runs all
slope for we

in ground ~~any~~

average 50 feet above

~~ground~~ runs a

Cut into valleys are



Seemed to be a mixture between
about 12 feet long and as high
your eyes that the air was
the grass part by pure space
of the then it was a thin
of the water but ~~the~~ blue
states and running into

The sketch is about three or
four feet of 300 feet in width
at the top of the strata - At
the present end it is two feet
of feet in thickness. Its altitude
is very uncertain. It has very
faint perforations to the feet
of the strata. The name of
the strata is not known.

Wanted also the General
by a No - N 5 also
by by N 70° E very near
a ship to E of Cape N
Subsequent of other states
in which was enclosed

Full copy Hartley Report and
credenal his facts

Saturday

Cherry Brook
a Canyon Brook
at Royal Blue
Grey spots deep
at high angle
to west —

This part at
Side of great fan
of breccias fine
reputed
valued

Duncan ^{Elder} Curves

Lot - 120 paces

North of road

between of Hemlock

to line - ~~shut~~

at N.W. -

also 60 paces further
up

Flanchard, N.Y.
John W. Duncanson
Jan at base

Ledge of the
strike at 20° E
dip eastward
300

Massive argill.
strike 26 E

alt- 100 yds from
to alt at opening of
old Seal after my
Dip changed by fault
to alt 400 E & W
New Venture
Marking will show
than 12 ft
but to East
it appears again

in the map as of
this was a second
bed —

The river cross
is a bed of
lignite
to the south of
the river

130 Paces fork
to the north

on very ground
appears again —

of hills from the

at times, slight
but keeps at
2000 ft of high

Eastern side

As of a hand
shows fossils

State of June
Column of course

~~June~~

North East measures taken
to W & S of New York State prob
rangers

All States from

July State of

July 1820

of dep to Sun by

on bank leading
to Webster
Hall structure.

Work of Speddie
of blacked granite
summit & gypsifer
depos at 202
alt 25

Falvy tube
means
dip to north
at high angle

Mr. Mehta

In re - duff W

270 - Thickness

in surface 18ft

Seen here all

200 yds^{W.} for House

plus near House

See here all the

bits of cut

3 dykes in fault
zone in crop
bands of hard
granite & gneiss
out - same

grey slates here
also black slates

in line to S of
of S. Main St
dip NW - 40°

Mr Alex Jones
Farm on side
of road. to S E

a second bed
about 3 or 4 ft
dip at 45° to
N 50° W

Beds here
change to NW dip

Man

Fr R. Road SW side

Further up road
garden & shale
- Mulletts for
few days back

At W Bound

then R. the

Gay side

Old summer

keep clubs to
W 20 E. in
some places
heads to 22
This near the
Great Spar
very

Polla R.
Wax Brown
In A.

Cliff gray or
blue slate
dip at 20° E
at 20° to 30° . Can
be very very
of color —
Crib In &
Copper Ore
appears like soil
slate but

So I thought that
it may be useful =
used in Carl's
penning

Consequently
too they to
be determined by
perhaps E & W

Wedge 5 June
Niel Meserens

Opposite on a
bank Red sand
of hard dark color
dip at 10° E
at alt 200⁺

A little farther
up on Caplan's
Cremator as at

Side of Orbit

Hard Snows Very
Soft - with beds
of Carbonate Sep

N 10° E as far
as can be worked
at high angle

The ore on side
is heavy W 10° S
from this place

Reds here showing
like this in of soil

Small pieces of
in field also this

Extensive workings
above this of pits
in field —

following them to
side road for this
where one seen hard
shattered sandstone

dep of color at
high angle

on the side of
Bank by 300 yds
West of big tree
from a high
bank of sand they
red sands & shales
evidently of fine
grains all of it
that the whole

depths at 50 W at
depth of 56°

run of the wind
Cay at little end
the other side

At this place all
17 jobs in line to
the run of the
wind marking
the nets

Further up above
Linnæus Brook
above mentioned
the Garden of
Black Shale
between of with
Shale to of 102 (about)
of Linnæus
Need to bleed
Shale
Faint ^{course} _{in}

Glaucous and
red shale dip
to SE at high
angle

Further up

being at old ledge
^{above}
~~at~~ base of the Sarc

angular cones bar
dip to SW in
20° E of fault
down the on the side

at truck above
Mentoring

The Bridge 2566

above - truck above

Ment - Coughlin

Articles up truck

And we then have

in the Avenue or

some lots

Final Note

At original cross
from a map
has been deduced
of 18 yards in length
of 20 feet wide
at surface
= 7 to 16 feet at
dip of 56° .

The strike

is nearly East
I went on my
E to E 50° N
On East side of
meets into interior
of bank where it
has been seen
of the bank beyond
is seen but
apparently thinner

Flowers & its
shrub marked Green
of bits to about 300
yds. — as far
as ^{long} as the near

We saw's line
before mentioned

It went to
be very deep
Covered off
dug a little
to the South

and has been
seen in the
same probably
jumps a little
with of ground
Down

Height of trap
above drainage
level of bed
15 to 20 ft

6 to 7 m from
some

At mill Gray or
red sandstone
temperature of
water E & W side
of the stream &
re.

Muddy In 6
Sardens Summit
Near Battery Area
of miles beyond
glacier

Road cuts by
~~the~~ these dikes
very steep faultly
cut with a strike
for $N 80 E$ to $N 80 E$
& $N 80 E$ to $N 80 E$

but near where
Road appears to have
cut along line of
fault

John Mathen &
Alex Mathen

J Williamson
Farm

New South

Blue hard
granite slate

two excavations

at 100 yds apart

Dip at 20° W

These rocks

have been a

Ben of Spence
Franklin's in
red ore

Amesbury
Ben. abt 1825
wide

In book see
Gray's Stone of
Pears Stone ~~at~~
N40°E. dip
by map to SSE

Census records with
run over counts
as stated by
inhabitants
from hills

When you see
my large piece
of paper read so
at least 37-
July 9 1881

In hollow of
grove is a dead
Junco
With crystals
Mike E. W.

Jim departed
in Bark at
Medford's betw
Willems &

Stengay State
Speaker Ohio
July
In August
Dinner

Stengay State
Deer by her
Point of Cost
of head body
seems a bit
2 or 3 ft
West Point by her

Sat June 8
At Road corner
W

Segt
Red shale thin
~~fine~~
Deep red shaly
sandstone

dip N 30° E. 10°

Red shale

cut by sandstone
gray bands - with
obscure column
of Leptodonta

128 paces

Beach
No better glow

380 paces
? 1 m² red r
Coal. very

Little Coal Seam
New mineral see
old notes

Gray sandstone
Cinnabar N 30° E. 100
Dip 20 ft

Joined under the
sandstone & grades
into rocks of lime
of an into one

Strike same
here & same
Coal Suberian
Sandstone $\frac{1}{4}$ mile

Barren thin
Cement shaly sandstone
20 feet or more

Strike same &
Suberian
Some distance

Remains of camp
marks in
loose blocks

Long strike there
of the last
of al. point
bed of gray shales
greeny

perhaps 30 ft.
Cordons of calcareous
very plenty in one band

Blotched sandy
ash
from another bed
1870

At point Gray
shaly sandstone
8 ft

Then underlying to
2 ft Coal 3 1/2
to 4 ft a few in 5 1/2

Then coarse
gray buff sandstone
12 ft

at end of Burn
Dip at 30° E

This set of beds
measures like those
at Leipsic? From
them found Gafault
many other plants in sands
Calamodonta

Further across
of the summit
we will see
with large fork
trees like those
of Sepulchra
20 feet

It has been a block of
Sakadmita with plants
2 feet thick

gray & brown
may be detrital
Sandstone & shales
Crops wood &c

depth 10 Σ —
& then to Peter's Gully

Upper part then

usually brown sand

stone — whole

at least 50 ft

apparently in
and a gray layer

Along the Run
they bedded
sandstone etc
N to N 10 E

Here a slight fault
a change of dip
30 ft

After the crossing
they sandstone &
limestone
seems plus
10 ft

Next Mottled
sandstone

thin to cv sh
by 20 ft-

Red Mottled shale
by 6 ft-

Light sandstone

by 10 ft-

pluggy soft-

Red shale & sandstone
by 30 ft-

Course grey or
red pebbly
sandstone
very irregularly
fractured
50 ft

Beams with
concretions of
by means
Hurst 10 ft

Red shale
of Chambers
instead
of sandstone
Pg 20 to

Strike thru
Osgood
on case with
Pg 9

Altered sandstone
9 from 20 ft
above

Red shales &
gray band with
limestone balls
green

10 ft

Hard gray crest
Sandy limestone
Plans

3 ~~ft~~

associated
with purple
sandy shale
beds

Hard by Nelly
Gardens

20 ft

Shrub & clump
grey sandstone

~~Stigma~~ of drift trees
merely by stone
& ~~by~~ 80 ft

Sum of
feet or centimeters

Clay of lime stone
16 ft

Many pebbles

Sandstone

50 ft a ^{wide}
~~comp~~ ^{mass} ~~pebbles~~
across

Mottled sandstone

thin speck
les. top

6 ft

Red clay &
Cone concretions
8 ft

Red shale &
sandstone
30 ft

Blue limestone
conglomerate bed
2 ft

Gray sandstone
15 ft

Open Shales
Thick reddish sandstone
Conducts
25 ft

Gray sandstone
flaggy top
Course of pebbles at top 60 ft

Mch to
CN 10° to 15° W
alt 10°

Nearby 1/4 mile
No dirt
Soft beds probably
red

~~Open Shattered~~
~~bedded Shells or~~
Crinoid
fossils
1070

Large Open
No dirt
pink red beds

Redden Summit

Red cone

Redden
7/5 Lime

Shel

Perhaps 50 ft

Of soft red
shale

crumbled

open for 50 to

Flaggy gray sand

20 48 ft of Mn

Bedded or
Brown shale
by 8 several feet-

Brown sandstone
by 5 ft-

Crinoid stems
by 60 ft of
bed shales or
concretion

Explored Sunday
to Long R
dep at 10 W
at 100

Part Friday

1st red shore
Smelt

X Ledge of
Sey & Man
Sund
30 ft

Red clay &
Mud

Red Wood
Shale

Top sand
50 ft

Grey fluff
Sand

Thin sand
20 ft

June 1905
May 1905
27 ft

Lower Red
Sandstone
Shale
150 ft

grey sand
in some
parts very
pebbly

50 ft - a very
shaly bed

Dip N 70° W
abt 10°

—
found with
a few
pebbles

Above this
cut from
Census found
like that of
Shediac

and their beds
mostly red
at least
200 ft

Notes on Rail Monday
10th

Geology Station at
Junction of Camb &
Stals - Later to
West N. States.

A few weeks
before current
Lamb grey led
at lead dips 6' from
at high angle
34 m for Point

Then looks like many
grey & dark

bands over dipping
of horizontal strata

Many quartzite
boulders all this
away

Beyond this the
top of the ~~rock~~
is on full face
with apparent
N E dips being
the red sandstone

Tuesday
Granite Cuts
from the Unacke
Station

for some dist.

Need to be seen
on W. side of
Guepore &
Hard Metal
Slats

= Lucien's Cousins

also at ~~West~~
Sullivan Station
from Market

Beyond the the
Purple Mesquita
Flats

Between me &

Use of Rain

Chapter of the history

~~at~~ Ellershouse

Station ~~of~~

Between the Carboys

Upon

Let some numbers

& great white

of the cliff

St. Mary's

Wednesday
June 12

Water Bluff Park
Elev. — occurs about
when dips to S. & SE
at low angles —
beds are hard gray
ochreous shales
black shales — gray
underlying like beds with
rust structures as
concretions of limestone
Septaria. Saw two
beds with rust are
with Septaria
any glacial valley
shall proper for
unstable banks

with obscure areoles, I of
same into the bed per
being seen

Very many beds
marked into ~~unusually~~
of ~~scarcely~~ be - like
Calyx - obscure than
there ~~usual~~ protuberance
on ~~lower~~ side; but some
times (on the ~~under~~)
surface on upper side
No gray ~~substance~~ seen
but in ~~some~~ ~~of~~ part
recess to oak ~~glance~~
beds become ~~reddish~~

Abundant ~~mark~~ of
H. substance to be
found if this ~~see~~.
areoles ~~keep~~ from
Abundant ~~rough~~

Group S. Mt - Pine
glaciated.

Remark section of bedrock
at W.B. - - -

Wed. Aug 14th - Free & sunny
at Mt -

Thursday 15th In

Notes - Southern
& then W
cross the W
of the

Keuper granite
= Abeyard grey
& slates in places
= Abeyard black
= Niagara group



Blundon from
Manhattan station
June 172

Have seen - at
Lamb holes under
thrust bank top
at side of lake bed
to S. & under them
hard pellets = like
rocks.

checkers of - little
found to Halper
question in world
also more rarely

Group of the ^{high} ~~low~~

Matter on the R
blue spots many
very

Coming me in Dec
Set for me like
So they found in
Cup of up the
State Katakodon
at distance with man
in Wines

Friday
West County, below
Bacon & Danville
Set into granite
unapproach by
the hills
As with fossils
New York

Elder

~~Chandler~~

Haregreen

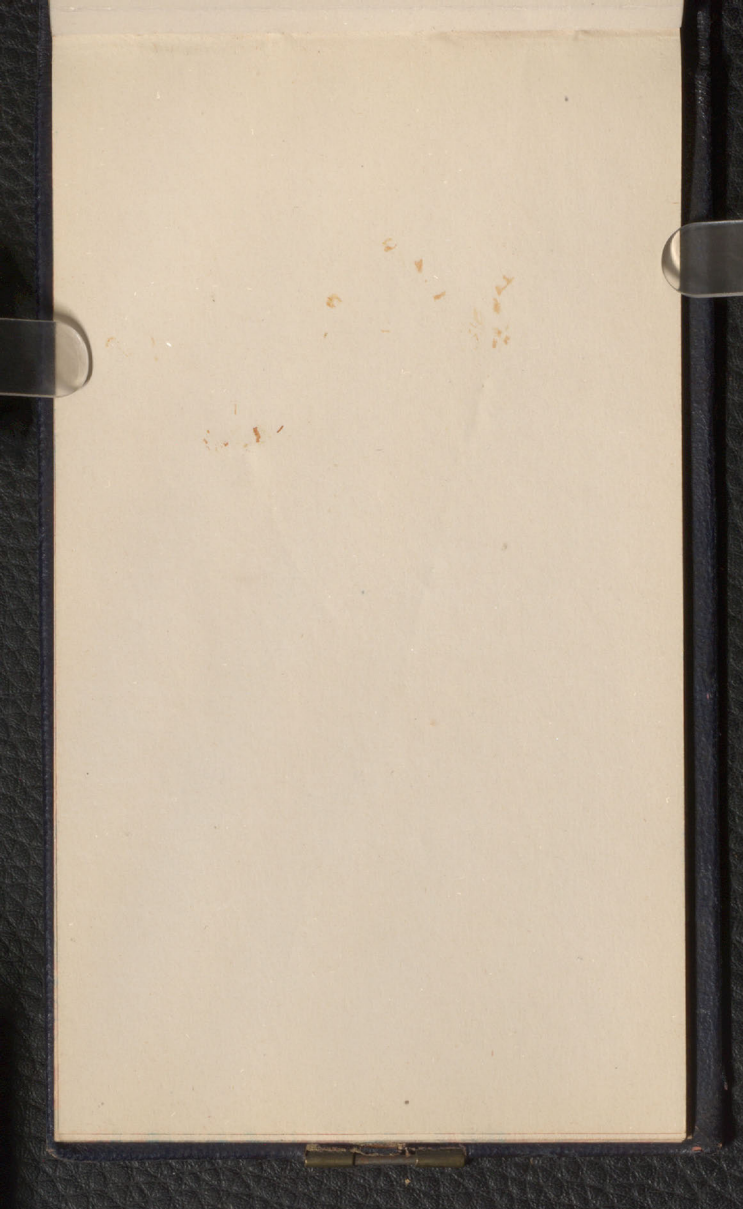
- Willis

~~Matthew~~

~~Stewart~~

Burnrose







1000 12

$$\begin{array}{r|l} 16 \overline{) 4000} & 250 \\ \underline{32} & \underline{12} \\ 80 & \underline{\underline{3000}} \\ \underline{64} & \\ \underline{16} & \end{array}$$

5000
8

$$\begin{array}{r} 40000 \\ 20000 \\ \hline 60000 \end{array}$$

per

Carb G-

$$14 \text{ ft} + 600 \text{ lbs} = 1800$$

$$\begin{array}{r}
 16 \overline{) 30000} \\
 \underline{16} \\
 140 \\
 \underline{128} \\
 120 \\
 \underline{112} \\
 8 \\
 \underline{8} \\
 0
 \end{array}$$

$$\begin{array}{r}
 1800 \overline{) 1080000} \\
 \underline{600} \\
 1800
 \end{array}$$

1080000

1 million tons at 600 ft

Summit

$$12 \text{ ft} + 5000 \text{ ft}$$

$$\begin{array}{r}
 16 \overline{) 40000} \\
 \underline{32} \\
 80 \\
 \underline{80} \\
 0
 \end{array}$$

7500 tons 1 ft deep

half of the 2000 000

By the 4 000 000 tons

Speed — 1,500,000 tons

Accounts
Charles J. W
Webster

Water	1.9
Oil in	30.00
Gravel	38.00
Plus	<u>50.198</u>
	<u>69.28</u>

Brunns Sinter

8/8teety lrs

8 tons me 57 - 15 -

2 - Ave 9/ - 18 -

Sinter - 2 - 6

Subm 2 - 10.4

£ 2. 5. 10

ton of 8y 2m

Pearlman, Mary

Blanchard Ave

Thruppe 43.39 gm

chickadee 51.64

Winters

Thruppe 89.73

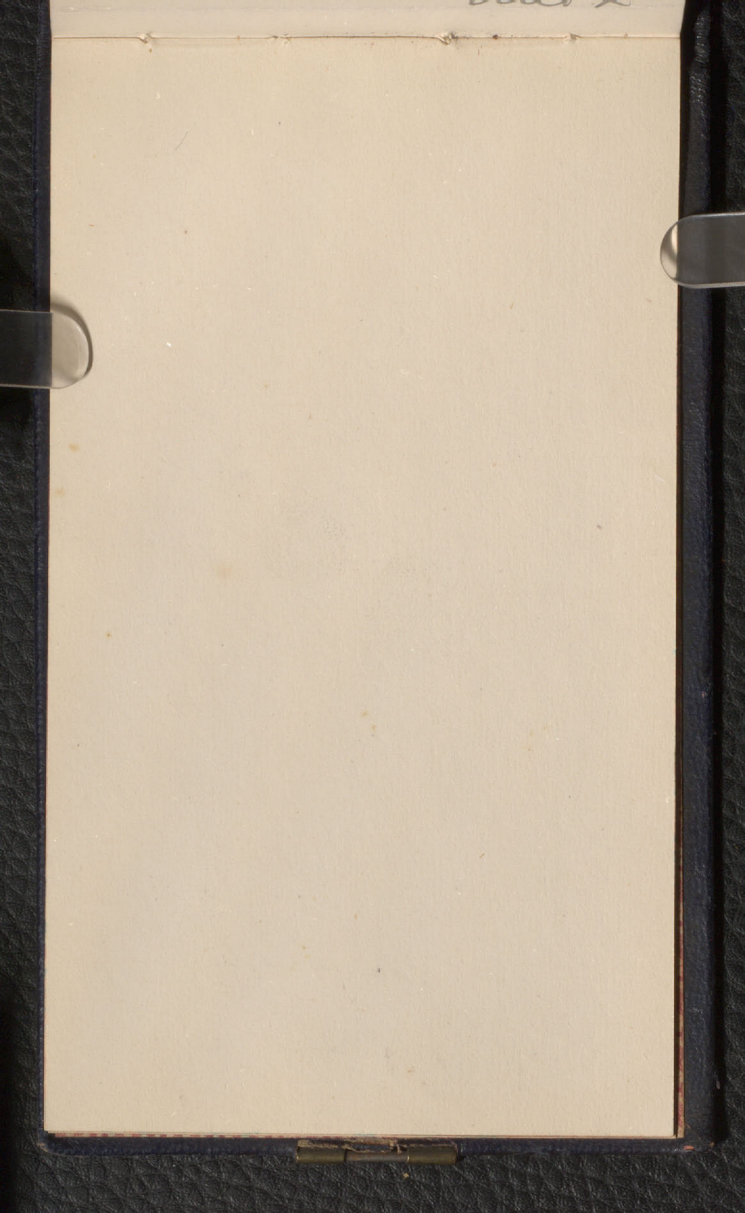
Speuler

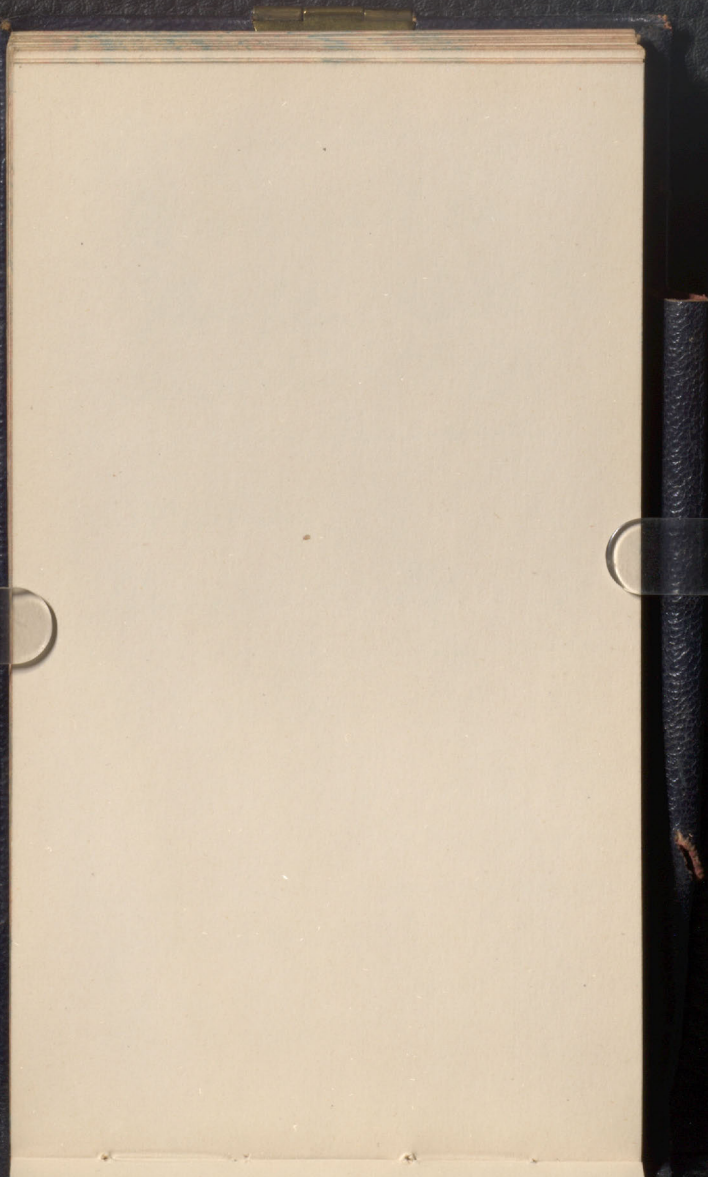
Thruppe 48.35-
net gm

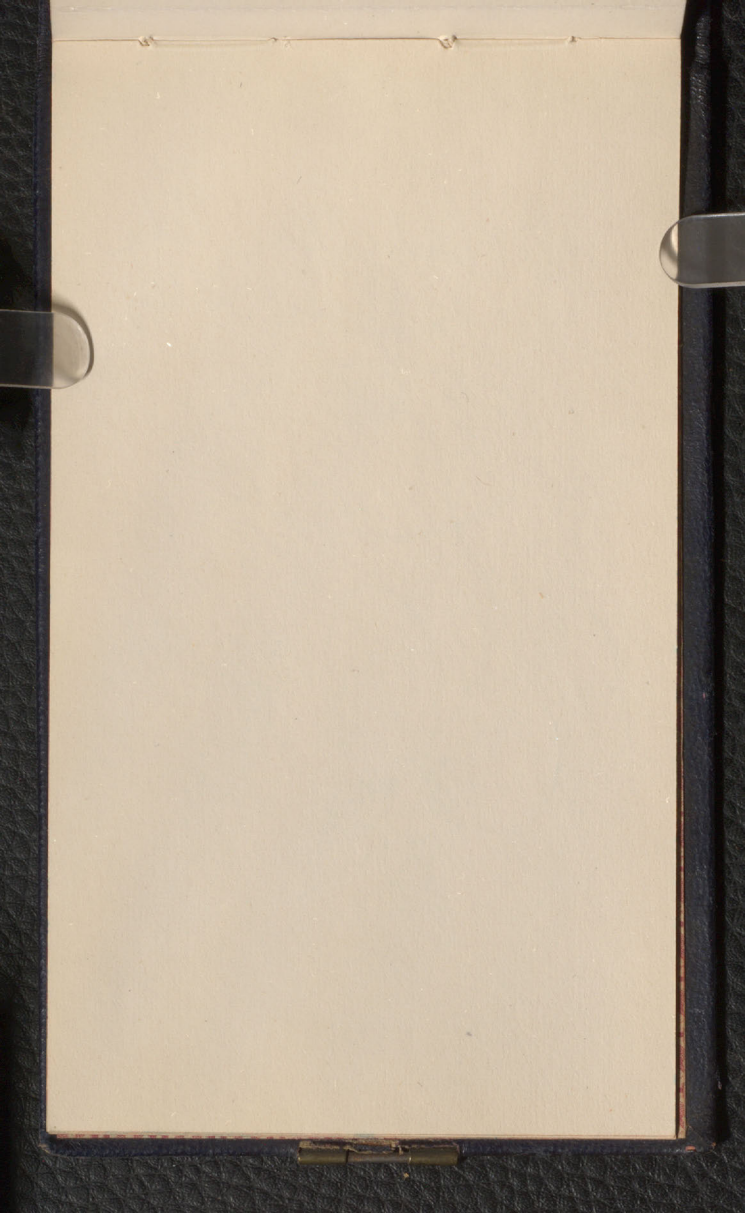
Hewitt

St Thruppe - 58.57
net gm

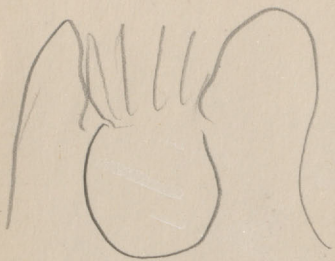
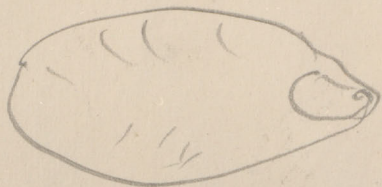
2000



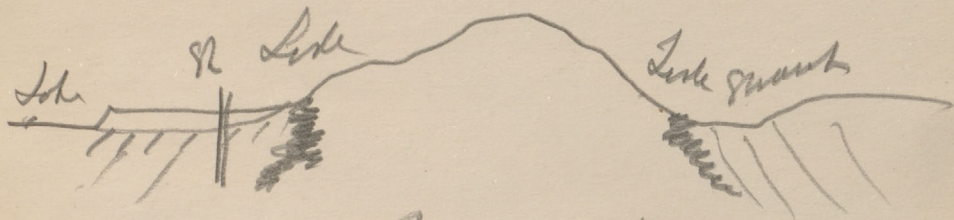




Isabella like
Shel Mills



Cuttle



Blair's Lake

Cupens East R
Lown 8 5

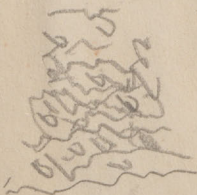
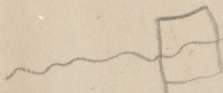
Lodges ca 9

Worked today 8

Went to Glen 7

W. S. memo book

17



3 R

4 we

2 huk

3 Rk

