

After Bruce
notes in St Louis

Winnipeg
to
Calgary
Aug 1883

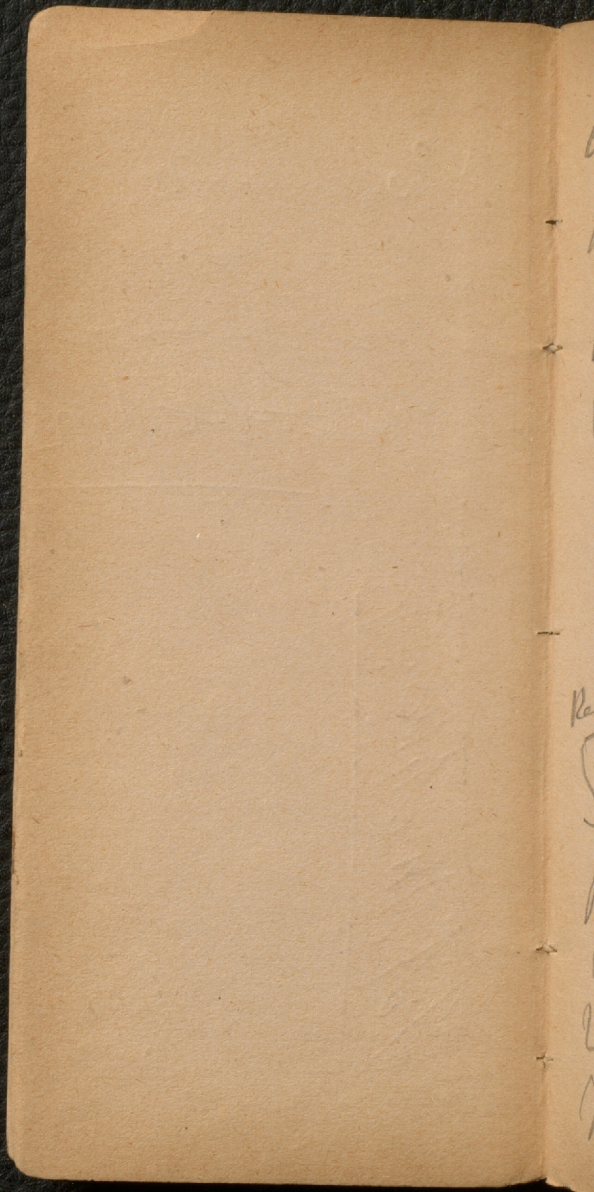
Leave Warrington 7.35 PM
7.55 a.m.
Arrive 8.10 a.m.
6.20 PM

Int. 8.35 a.m.
July

Had to Warrington	2561
Call Warrington	1703
Warrington to the	660
So to help	840

Goulding
Hotel
Piquette
Sept 1/82

Ed. M. Allen



New Loales
W of De Regis

Reef off the main
with Bruce

dep to Sully
by Kyle

Ray function 200 & 200
(2) // // // // // // // //

Below markers
on copper →
Reef off there
They look a

2

Document not

one - etc

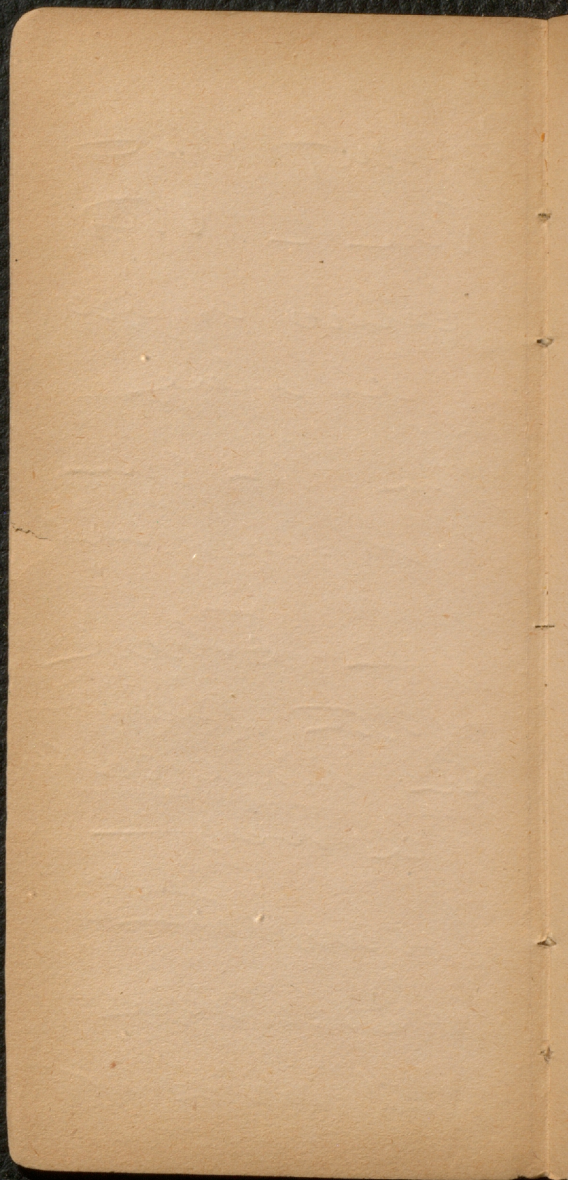
below or will

as above

The the same
or same but

The School
not Phipps
in widely scales
a map -

Below the
document
2d hand of



Even -

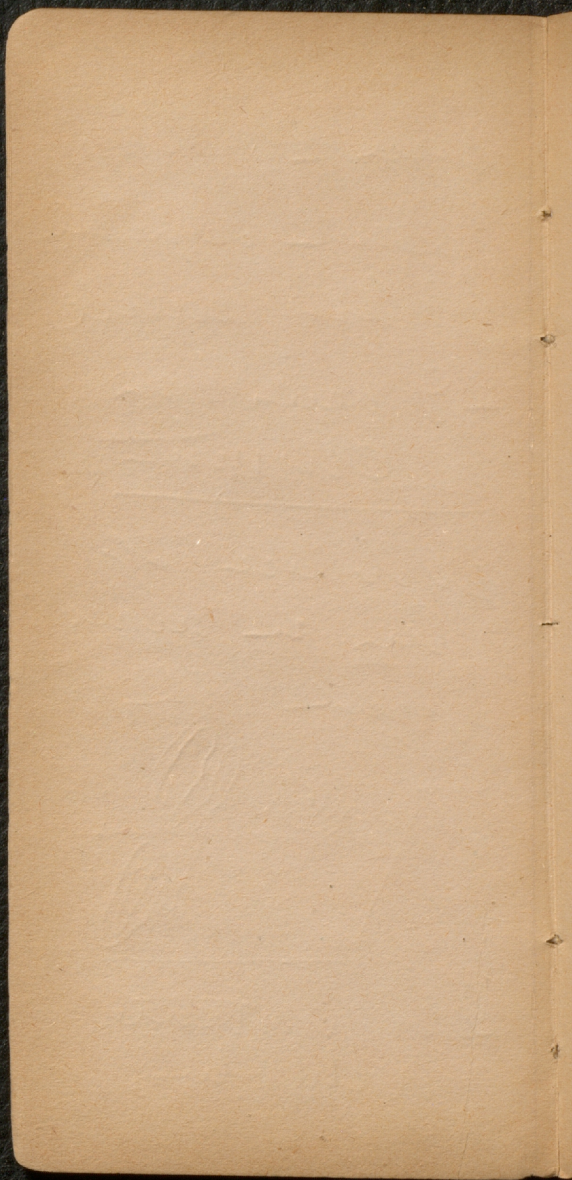
Dust serpentine
like pencil

- 8 bears of
Chrysoth

White vein of
Dun on honey
plant the



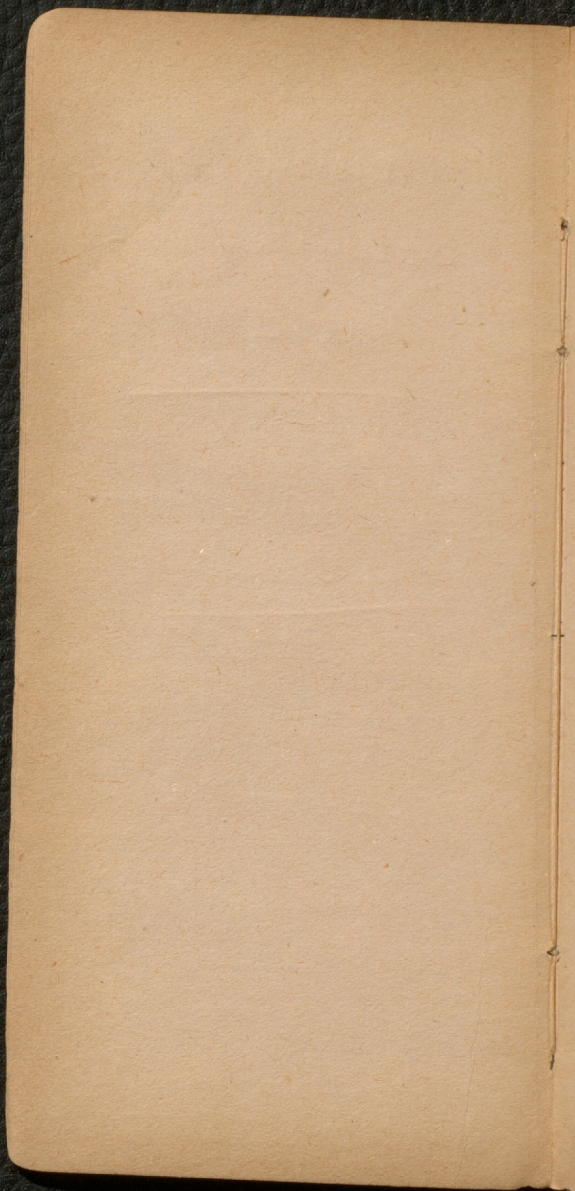
2 of prostrate
A. duplex



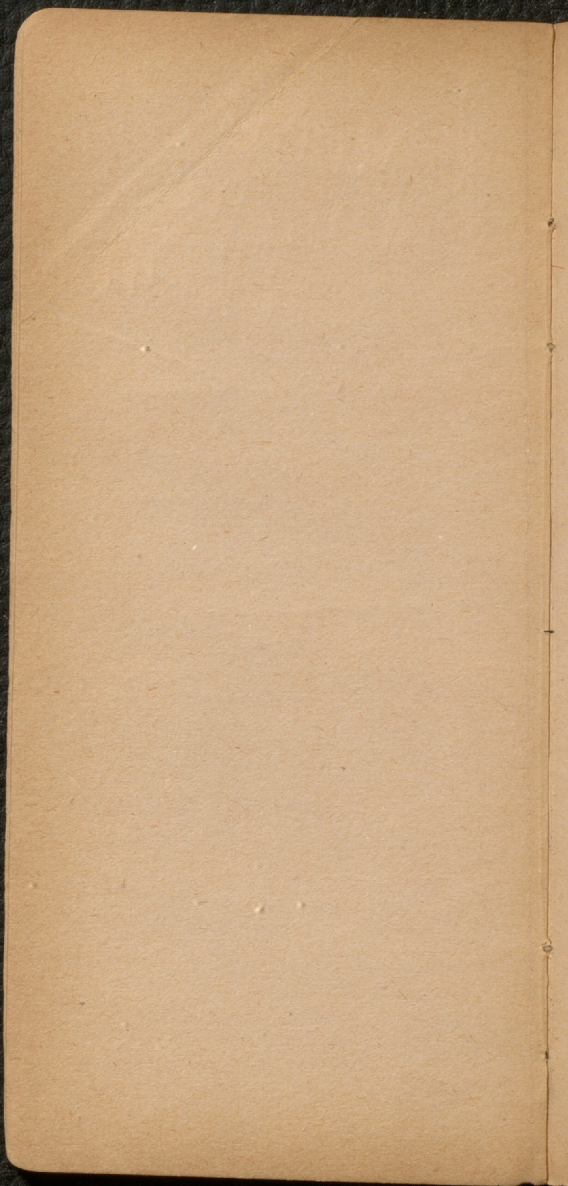
a covered
centuries of
beds

La Verre quarry

Granite Hotel



Reynolds
the full year
at 1964



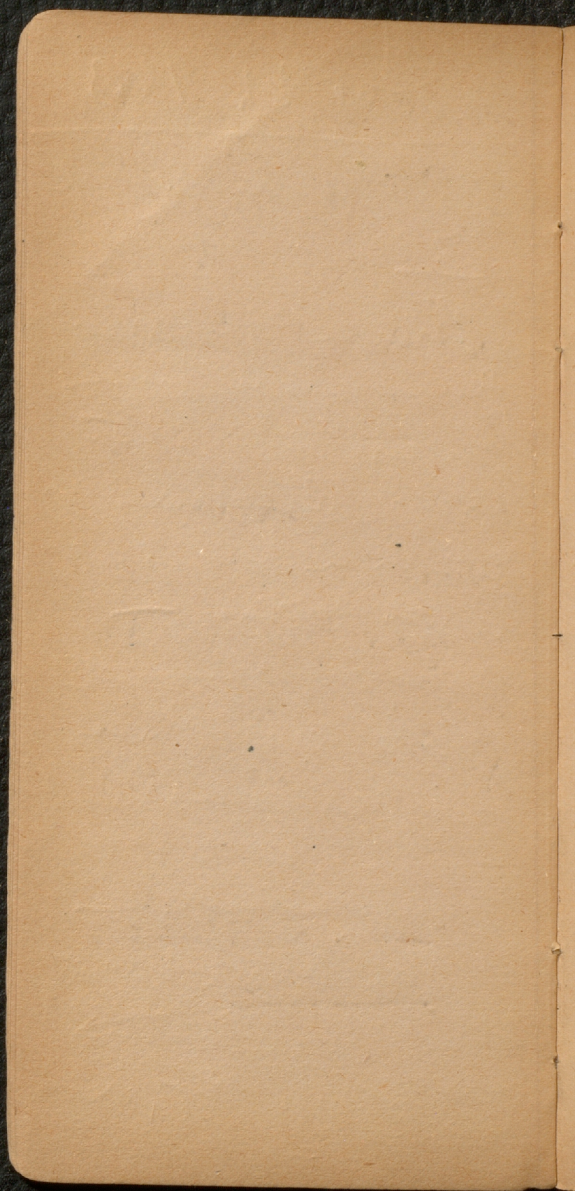
Aug 31, 1883

Lepi Wumpes al
7. 30 -

Brown fine grass
fern, W. fern
chrys, short mat
grass. Cleavers &
elder in places &
W. ferns -

apparently white
flat and all
fertile. Some swampy
patches with sedge
& wet below. -

Soil black more
and 1 ft. below the
gray clay. A few



Round stones in the
wound & clay - Many
small pebbles, but
saw some of us,
& one a foot or more
long.

Grass that I used
when I moved into
being cooked
Cups of green grass
but part that was
potatoes that
coming into bloom

Rabun Station

July three granite
boulders

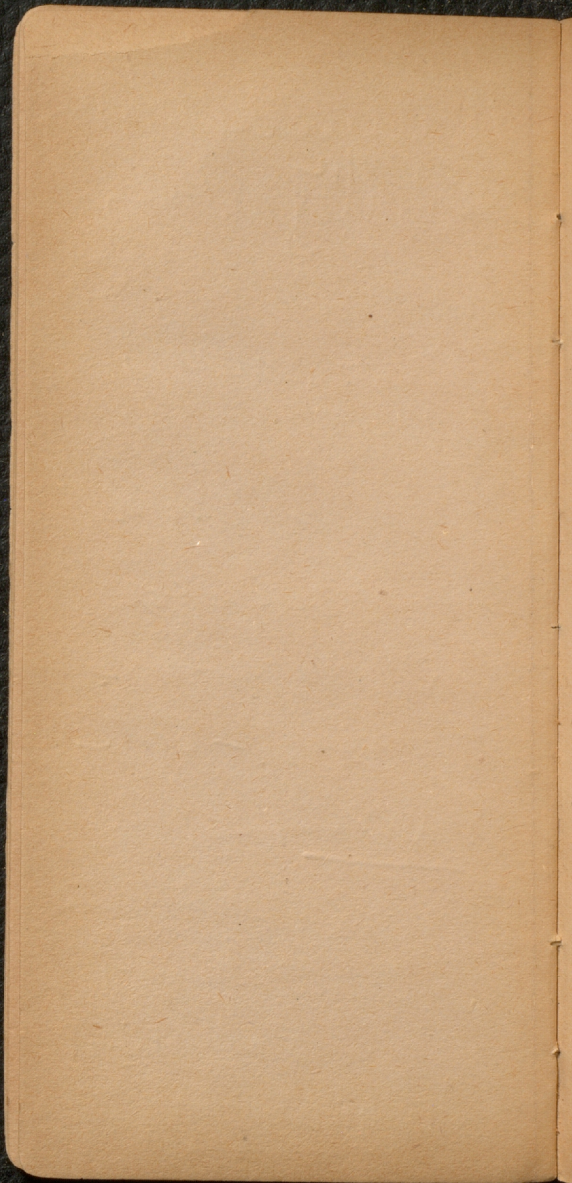
2 ft or more diam

Prize La Pau
Scattered village
on River &
Point of affluence
barrier —

Near this large
open farms with
wheat & Oats
Shut out — & great
farm houses, good
maize farm
district —

Between end
of valley flats
gap appears
into valley
Crest with
poplar woods
& bushes
Soil loam
Sand, - crop
short,

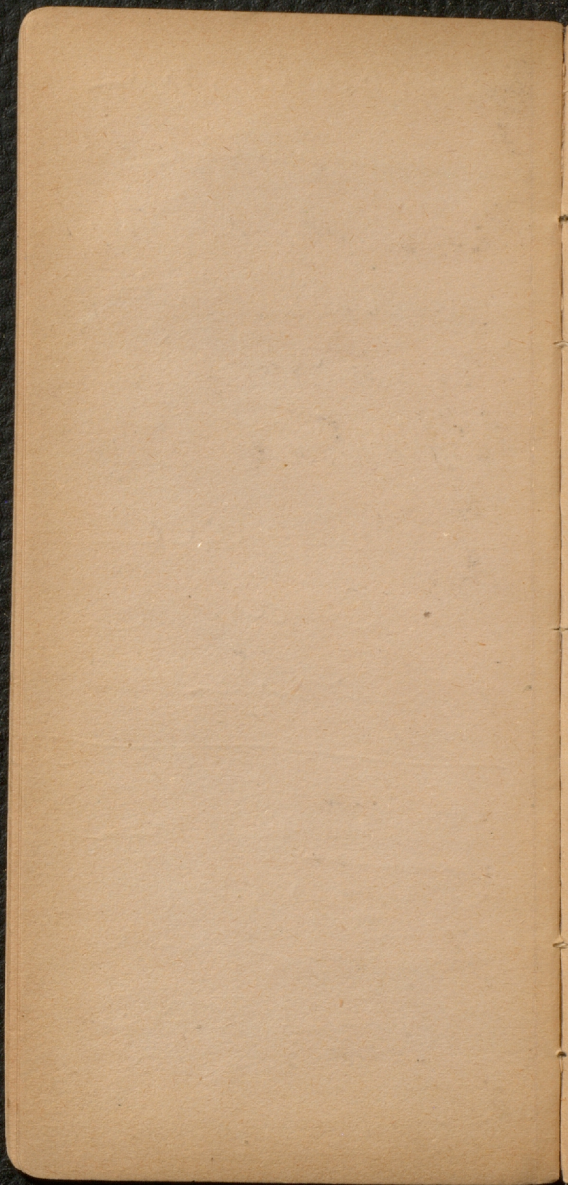
Many sand hills
and little ponds
in the hollow
No boulders
at all



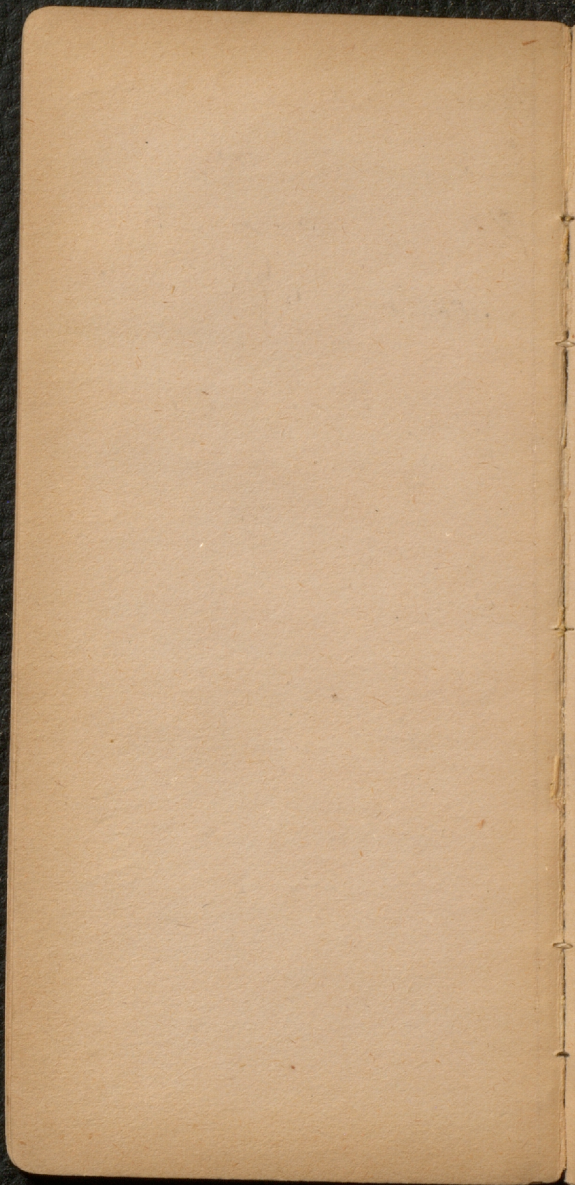
Melbourne New
Sennachalle
Edges & heaps
of fine flat
sand
No boulders where

Valleys are
Clay &
Loam

New Sewell
Dugies & the
found in the hills
of small stones
seen to be very
sharper &



Some stones from
Lancaster, Old
Current better with
ice borne pebbles
from the Lancaster
A few boulders by
foot. - Ridge
seen in light
what has many
boulders they
be ridges
boulder drift
This place has a
on line between
only one of these



Met and represent
drift them up to
W. on side of
Cretaceous Plateau

The ridge above
is very old
edge of formation
valley is
the source
of many old
uncolored

of the thickets empty of birds
Pumped flat — one in grain culture
ports — some withy ^{from} ^{of} ^{the}
Garden and trees from Walden Road of the
streams to the wooden structure

Brand

All my own

Assurance

Great sand &

Green

Boiler mats

on top

of most

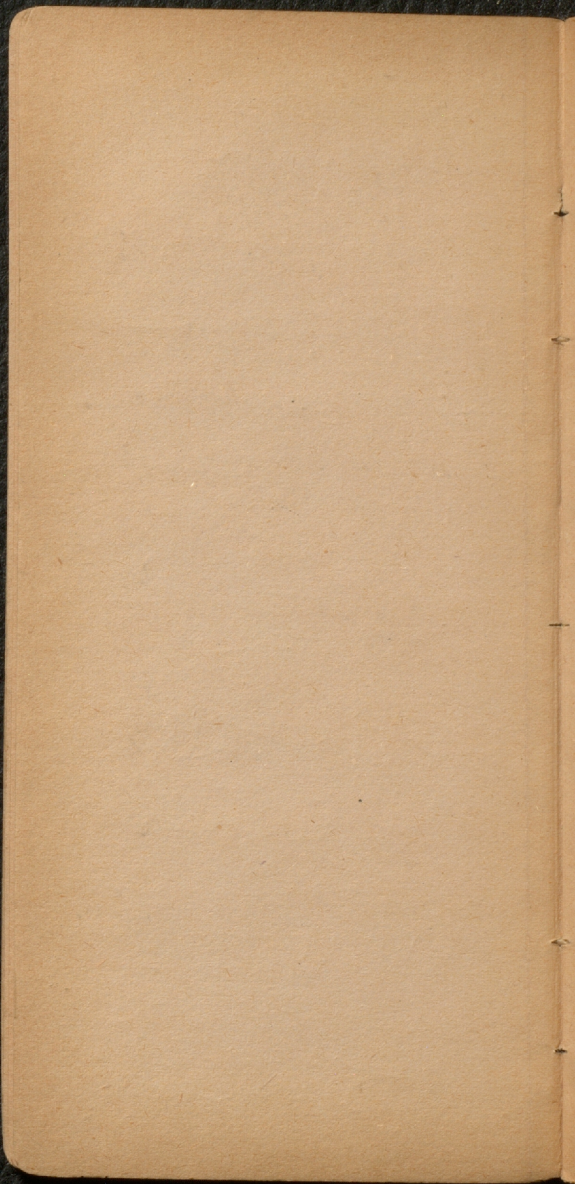
Lawrence

I of them of Green

Dep a local

to really

what her all & etc



? as to cause
of numerous
shallow holes
holly pines
all over heavy
prairie. ? glacial
or subglacial or
current action?

Faintly ridges
of rounded hills
around area
from water work

Mosses in

Food of

Pre Birds

At 5 pm when
the sun
was low in
the sky some $1\frac{3}{4}$
miles away
on the surface of
the water on the
side there —



Swad from Brande to
Proctor's run in Wales
Shed when Apsalmon & Gray
I does list show good country

Weds

Woke up to
see more
unimpaired
hills
flat, short
Grass

Moore Saw, 60 W
Hills, tent & tent
in street at Mainz
all with grass - but
Bark deepmaker

Coleman for near Canal Station



1870

Spiller

On Prairie, many buffaloes
bones, instead small
fragments on prairie &
crack hills. - Other
places quite smooth

Land gets drier
before moon low

Wild sunflower
White Snotter

True sand in river
As ~~to~~ Coler

Parkhey

✓ Clay = framed
stuff with
them holding

Chart of Colliery

Legend of the State

Other same ground.

2 in for many bundles

~~and~~ will be seen

the draft on top,

Clay = 2 in

draft +

Summary of bridges

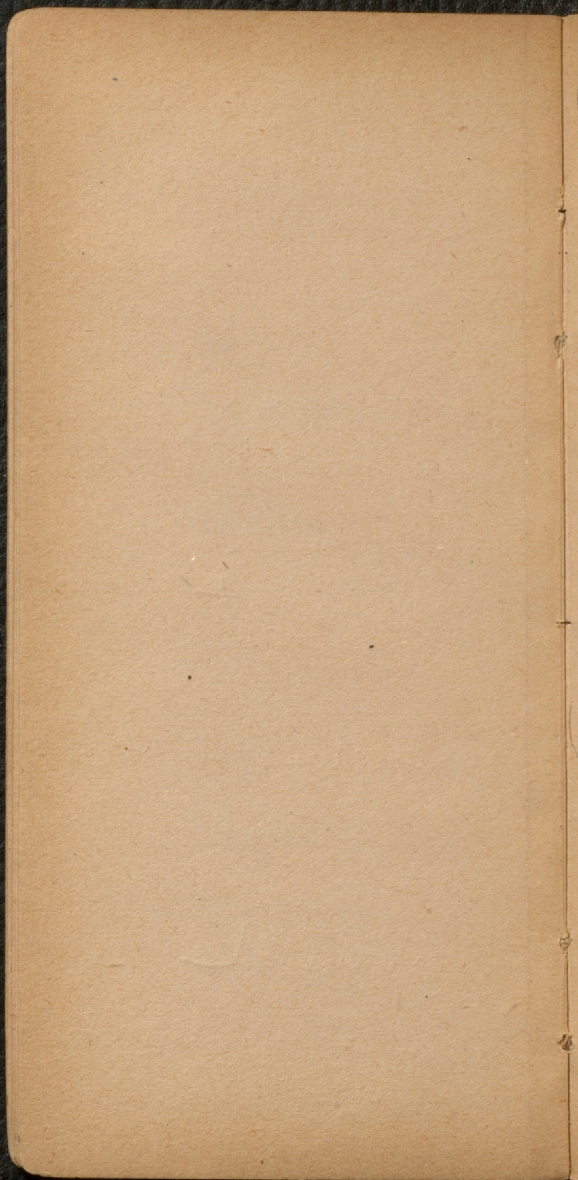
of bundles

of ground &

land

Summary of Willy

hills

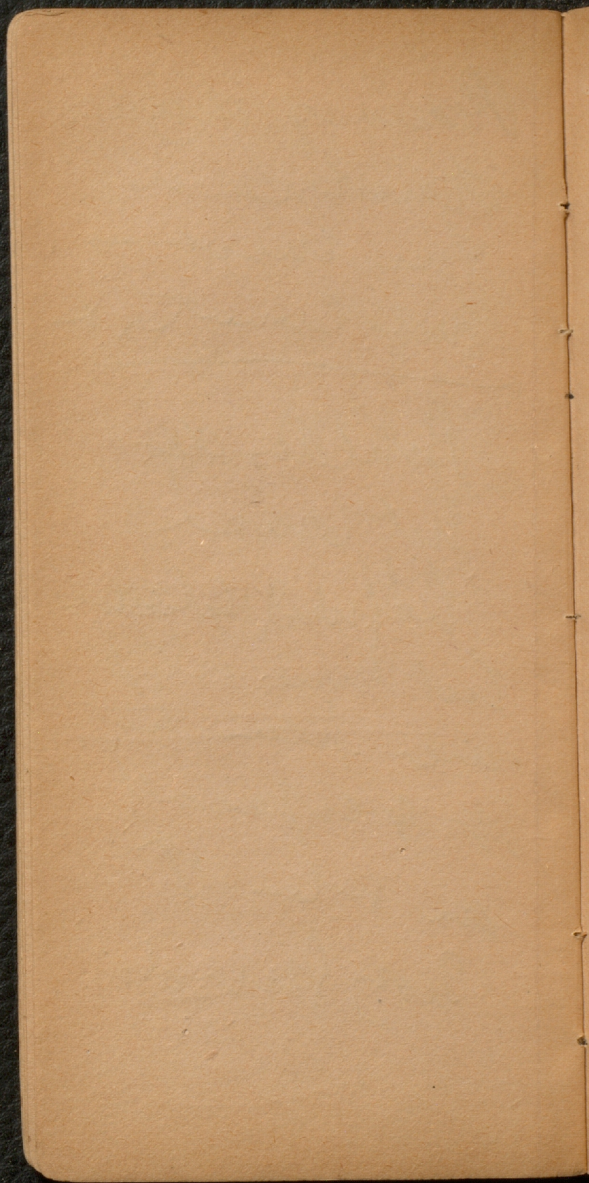


Many rounded pebbles
traced with

Few large boulders
that is over 3 ft

Highest point of
Coleman at
Seneca
Station

Beigns has been
traced 9
Mud much
gravel

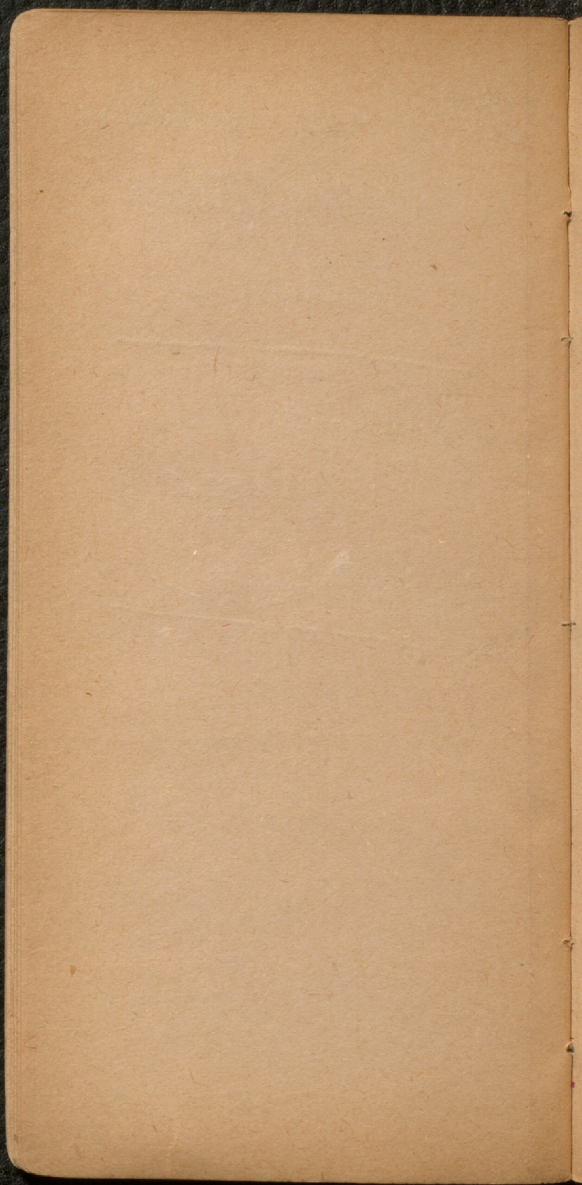


Buffalo Wallers
Lully Street
trucks

Slues

Conces

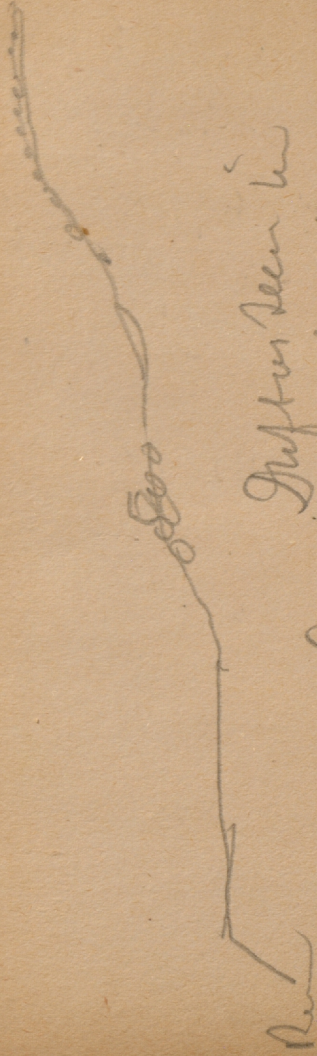
At home



Medicine Hat
Thursy ch 2.

Rain, lake
also in 2500 ft
found in place
with mud
Plus Lawrence
Some Rock

Put
about 50 feet
Lime on



Just as seen in

Condee's sketch of
the wings of birds
appears above

May Cuyge
builds

Constructs a sort
of interrupted
terrace

Below this
river terrace
no build up &
alluvial
earth

Biggest building
all Laramie
& White Laramie

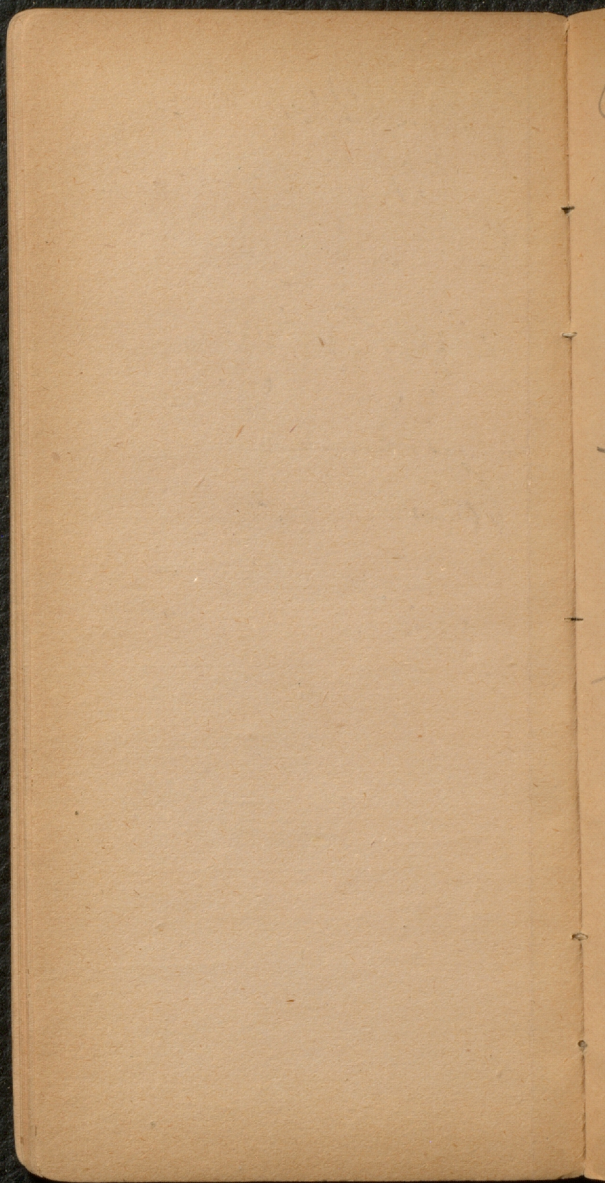
Chil Hall
red and
was round 36 pages
by —
Shupe for
Hall

Under great
thickness
of beds
of gray shale
& very small

1 upper bed
than for
8 or 10

3 feet shale

Coal bed
3 ft 4 in



Send down beer
this week

See left 4

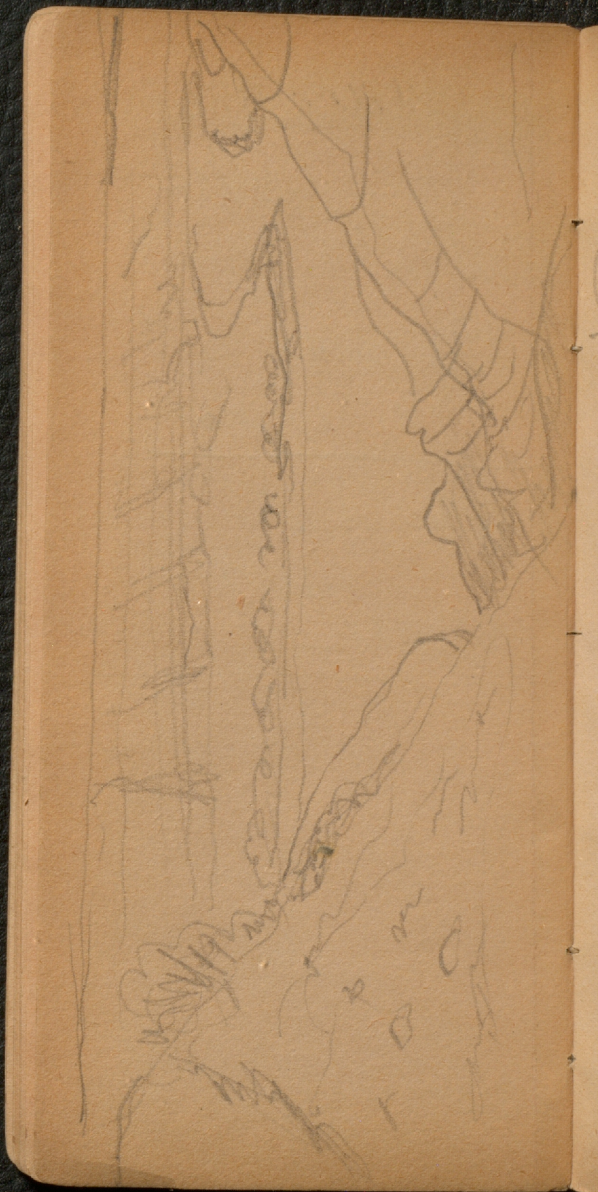
270 good

2 ft 4 shal

Blackfoot

Crofton

State



Friday Aug 3
New Mine
See Ruben

170 feet below
Pump seen
Cave map
quartz —

8ft 10 as that

Roof 8ft shale
of small level 8y

10hs

320
170
<hr/>
150

Updated

Coal 10ms

Shale 3ft

Coal 3ft 10

Thin grey shale

220
170

50

Fluvial Hard clay

220 feet
Below Fran

1st Large Sea

Other various

Smaller

Gray shale top

Seam 4 ft
unfurn coal

Clay part
2 ft or

Sealed
Run shale
Coal 4 ft

Shale 2 ft 6
Coal 3 ft

Thin shale

Repeated
Coal No 3

3 ft

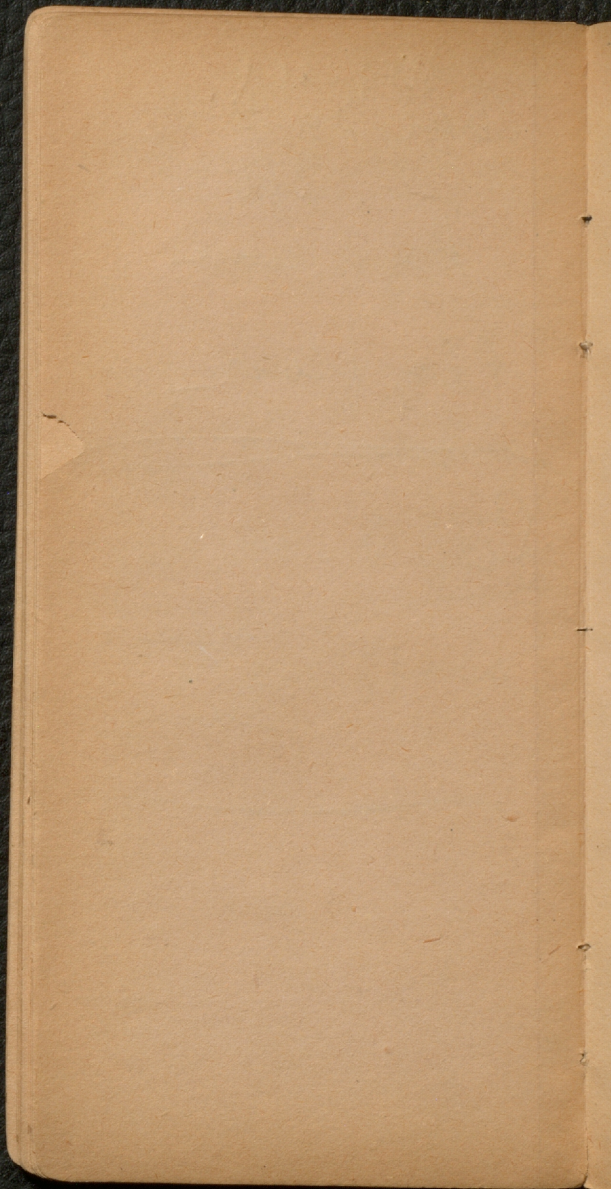
But use

Clay floor

See 3 - also low

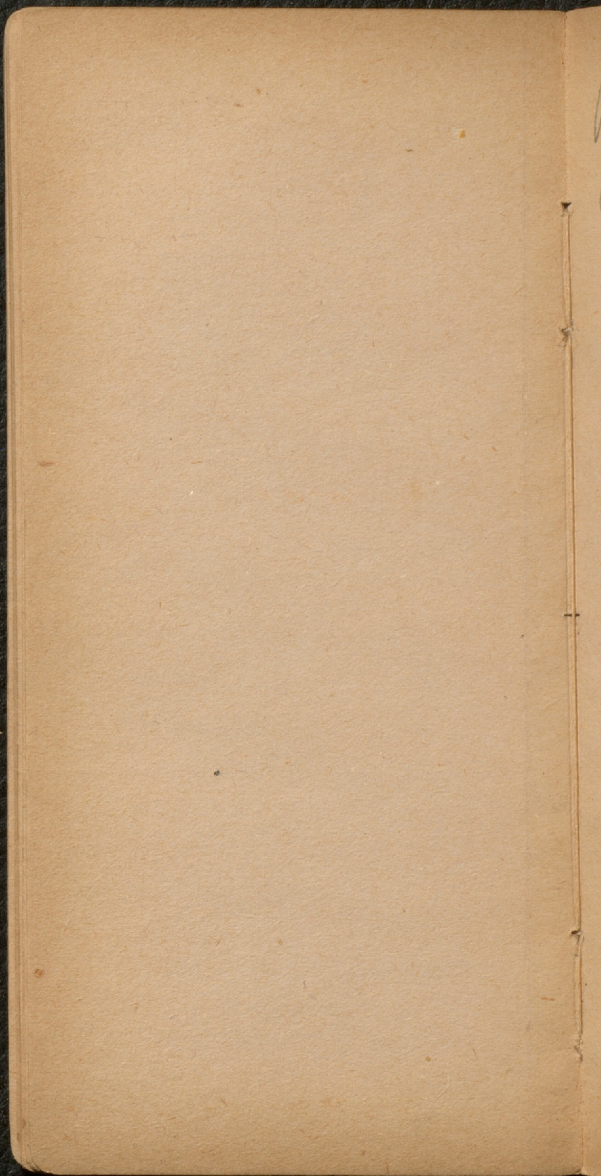
ft above

them



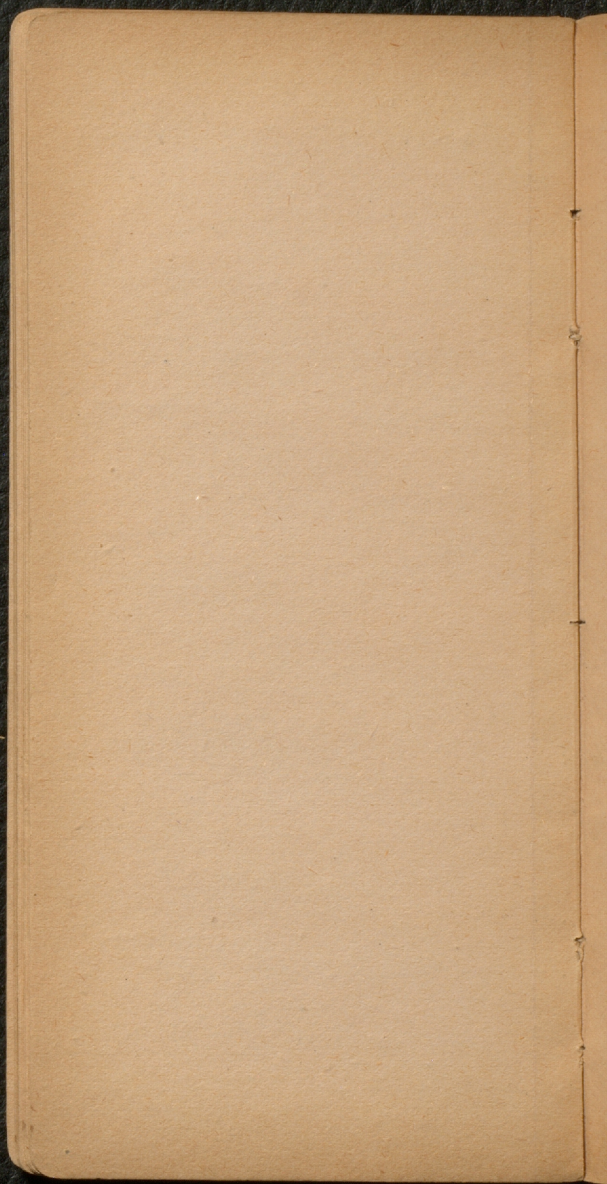
At Saskatoon
mine

300 feet many
of shale with
chert etc of
grey dark purple
shades - with
several beds of
lime in middle
part - and also
some soft grey &
purple shale
layers of yellow
sandstone with
interbedded woods



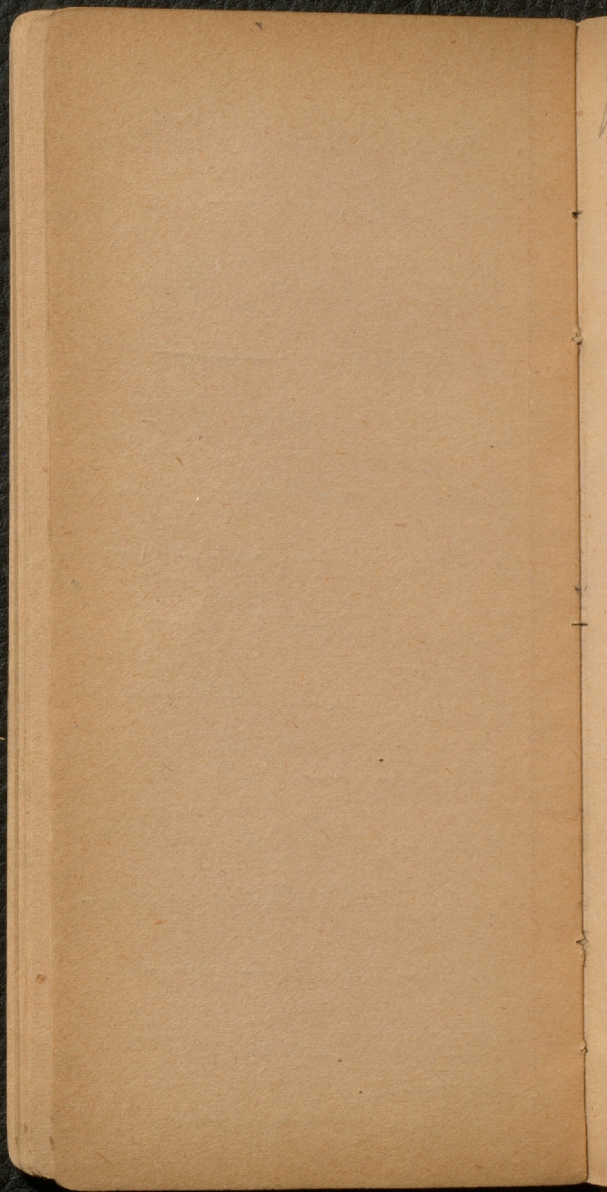
Rephidun remains
are in the pebbly
sandstone about
150 feet above the
highest coal
shell beds below
in soft sandstone
of shale

Shales of green
blue grey &
plants but
no well preserved
leaves seen

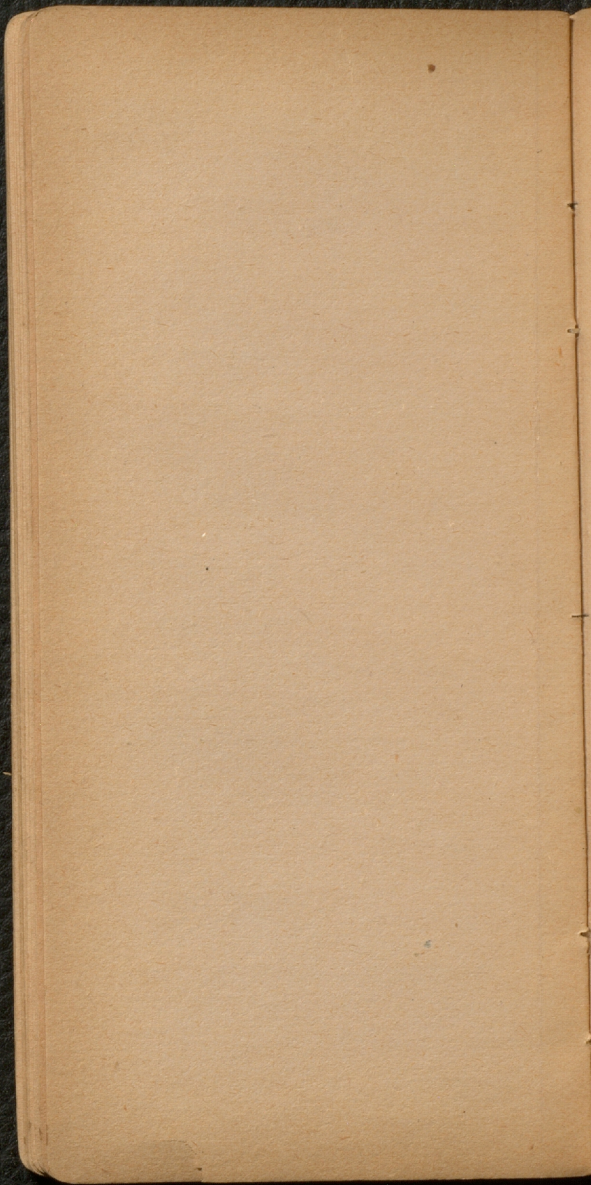


July 12 - to
Calgas —

Approaching this at
the place ~~found~~
cutting with large
gnep boulders, some
6 feet diameter
Lament gnep
There are little
patches in strong
clay - like unum
ature column -
clay such as
steps used of
these plains



Went by bus 12 few
boulders but some
of quartz & gneiss
and in places
edges of gravel
with some
beard - like
with a few very
large boulders



Found 18

more

of Roofing
but still

have several

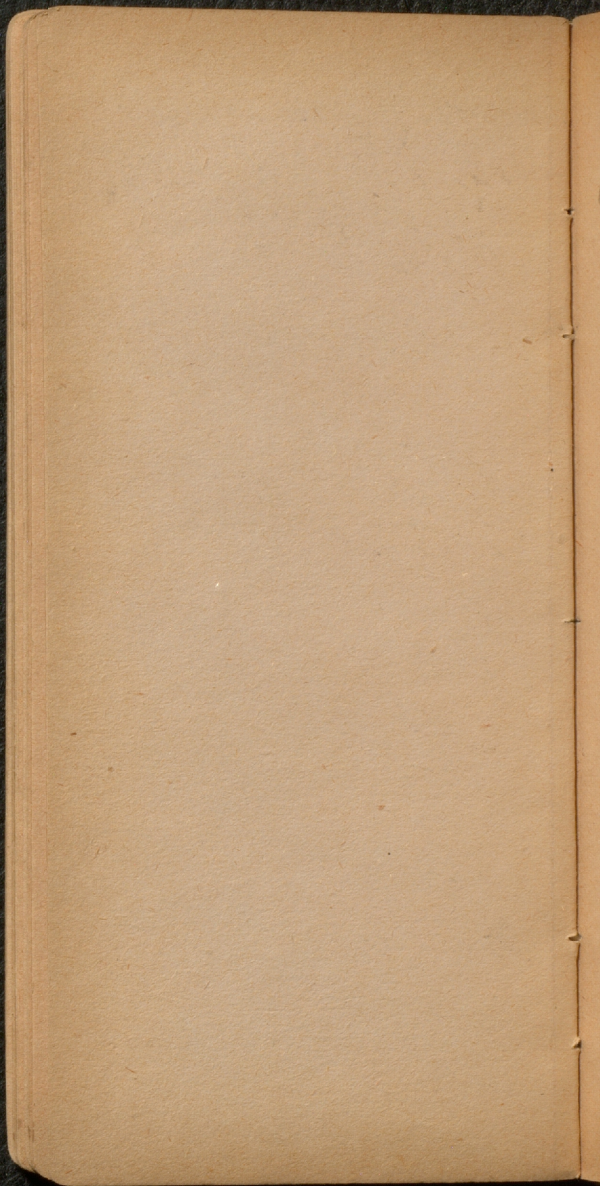
Primer Earth

Asphalt

Shingles

are dependent
with stones

& boulders



~~Failed to reach
Calgary for 18~~th~~
station owing to
late arrival
and extent of
Stage Drive~~

So had to return
from this place
without seeing
Calgary

Could not even
see the mountains
owing to smoke
of furnaces
so any mountains

Living to this place
the very same from
Ipswich County —

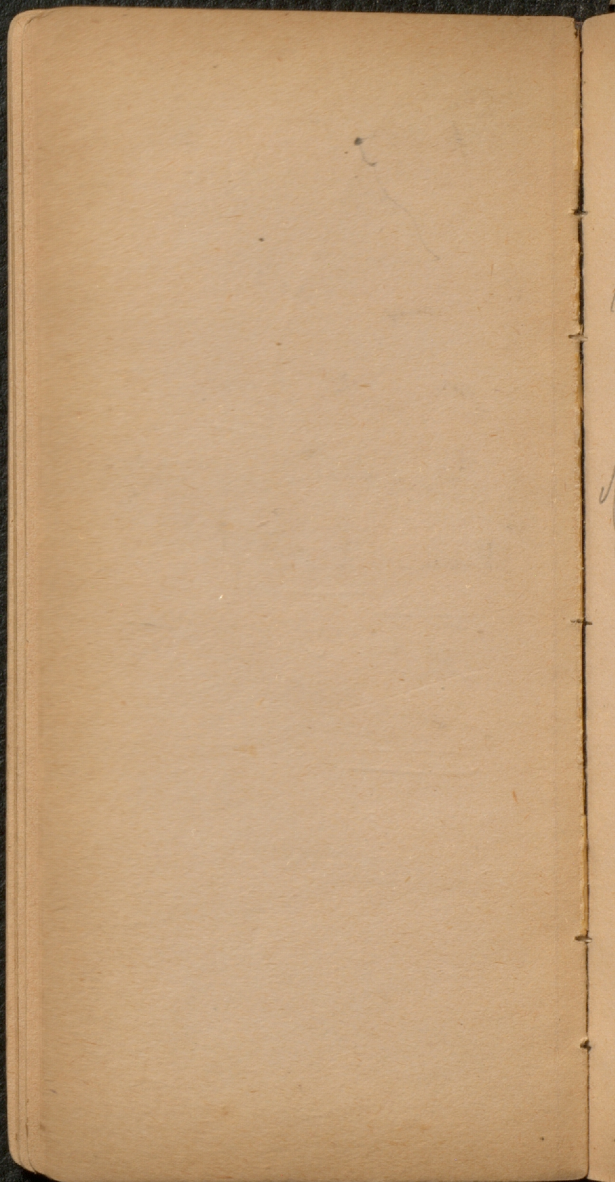
July 1893

Plan as 18 feet
Culverts - some
Sewer - some
Rock Mt - one
Street for sand dy
Buried feet

Wages 3200 -
So wages 3200

Went to bridge
Foot - very
sharp line

8 1/2 miles
from Bridge
at Calgary



Specimen of
Corbula

from Holt

25 miles NW

of mouth of
Cape foot of
Brown River

Wells supported
by fine sand at 125
to make the
reservoir

Early Spring
Effects of Culture

Deep from base
W of Coteau

Large farming
by ^{from} settlers
N

Culley people

3300 ft

Fert. Wheat
as usual

Some old crops
Mt. Police

View of Mountains

late frost Jul 31

Killed Potatoes

Cretaceous Sandstone

like coal formⁿ

Traces in the ground

Bow & Mow Rivers

Faults to make

North

Disputes about Land

Leafy

Smulsh

4 meals

plenty N

Big wagon

Smulsh

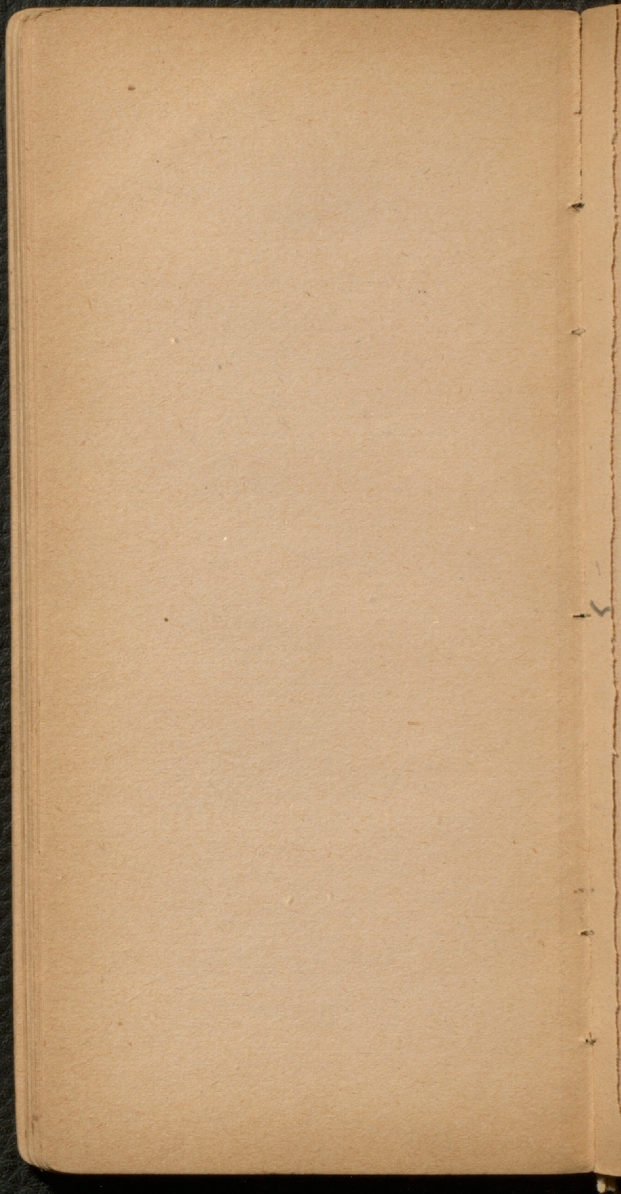
soft

alm the

soft for Jerry

Walter & Holly

Course of me



Calgary section
Newly exposed
Numerous fine
specimens of
about 20 feet
above and
above deep
holes with
bands of
blue limestone

Note the
unusually
width of valley
of Bow River

Mr. Lakes.
Relation of
Rubens

At Culpeper, its
basal granite
pebbles glacial
floors—

Wells in places
half a mile wide
& cut out in
great sandstone
& clay

Quartzite seen
in Eastern bank
New Fort bridge
and further up

Caboose 69
Came up in
Cherry man
J. L. P. P. P.

No 42 Cherry
P. P. P.
J. L. P.
J. L. P.

Section in
Coals
Light
grey shale
shells
w/ifs

Soft Shales 90 130
Impure grey 2

Grey & Purple Shales
20 ft

Light Grey shale 10 ft
Mudstone bands in

Reddish Purple
Shales 20 ft

Note Oryctes of
Gymnura
where
Coal
Section as
at Eastport
Maine

Westward
20 miles out
a horse trail
to Caswell

Leah
Burr Valley
~~Big Spring~~
Coul

Big Water & Justice
Watered beds
below
Other Caswell
Powers &

Section at Mine

Ferry Sander

Gray Green Shale

100 ft ^{2 feet} _{cycles}

Coal say 3 ft

Light Shales

Green

Big Sand

Called out 12 holes

4 Shallow ones

2 Shallow

4 months old

Wich of ~~Mass~~ ^{Lily}

600 miles from
Pine Hill

Sales on work
Gives of Pine
Wells

Laurent to

Calgary =

18 degrees N

Imperial

= 700 miles

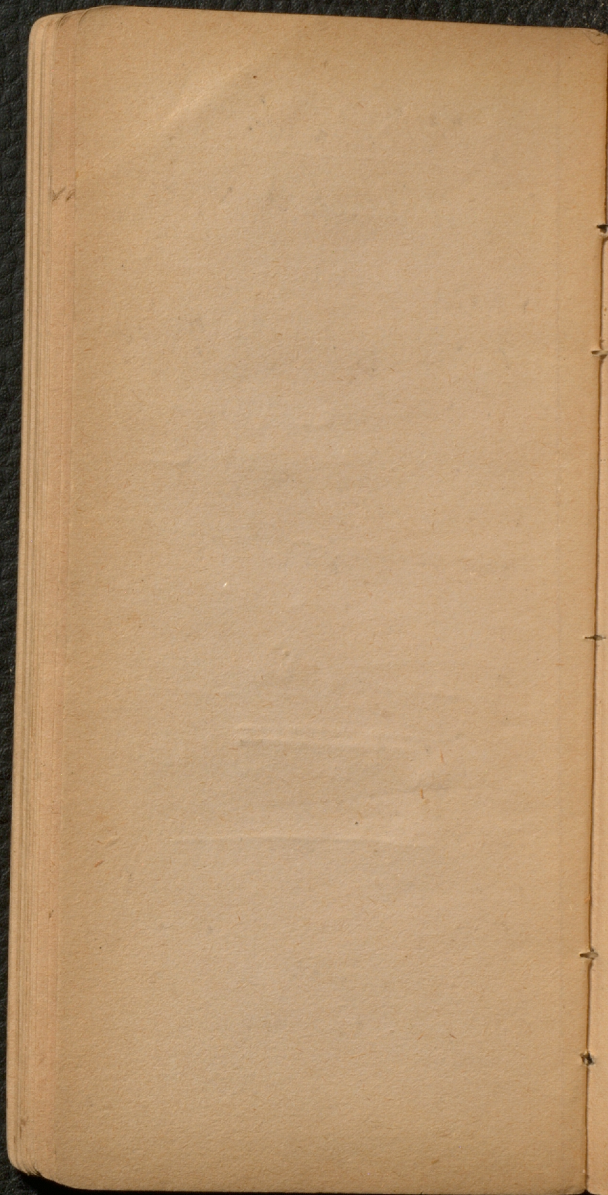
114
96
18

40
15
320
40

Thurs Aug 8

"Sand Hills" on
surface where
exposed by Burre for
seen to be gravelly
with many large
boulders - Elevation
westward of alluvium
Coteau. (See map)

149 m from West Hill
5-10 from W. camp



Approach
Cottam from W
Numerous broken
ridges in Basin
Level of grass
high broken hills
with alkaline
pools

Note filled gravel
flat in ridges
Boulders on top

West of this at
Chaplin's flat
flat into the old
lunar lake
Basin soil & few
natural objects

History of letters

1 Cut & wrapped into
Circles

2 Substance, made
great of clay &
Lips of Bricks
& drawing up of letters

3 Resolute &
Furrows of surface
Some Bricks
with lines

4 ^{one of a sand}
Mm, barry
with Bricks, also
in higher level
of the hole

This flat very
wide. Water than
area of lakes
with no moun-
tains.

West second or
Eastern ridge
which differs from
water in amount
many if not
shale & sometimes
hard clay with
large boulders

Ground base clean
ground seems to
pieces

to name E of the
flat fairly
& slowly

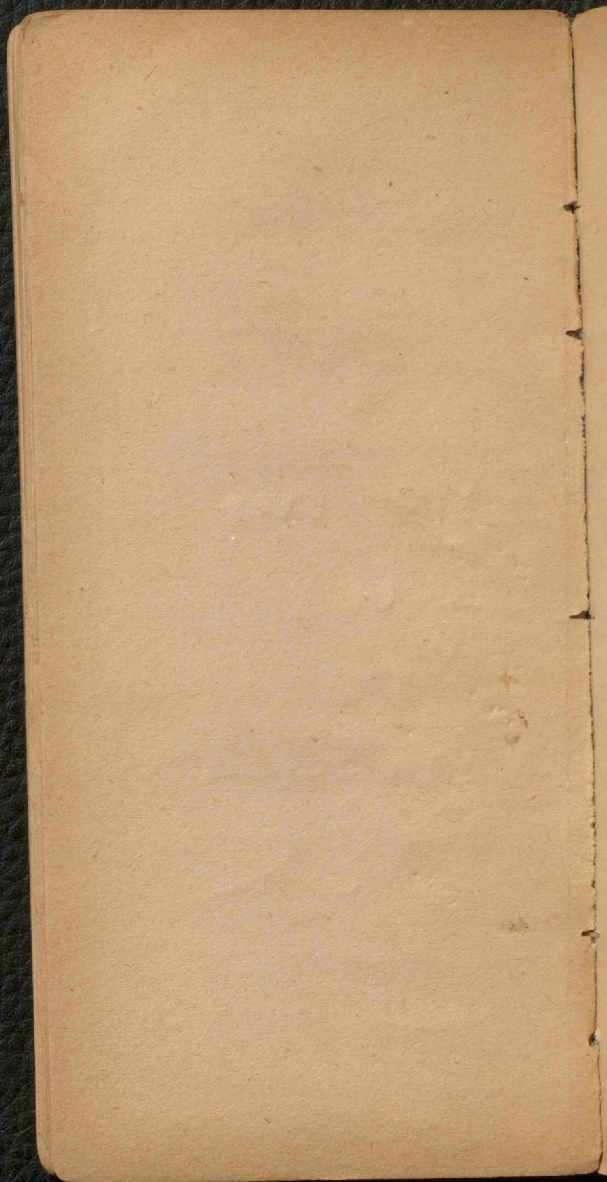
2d Brunette
left the first
than after
last left down

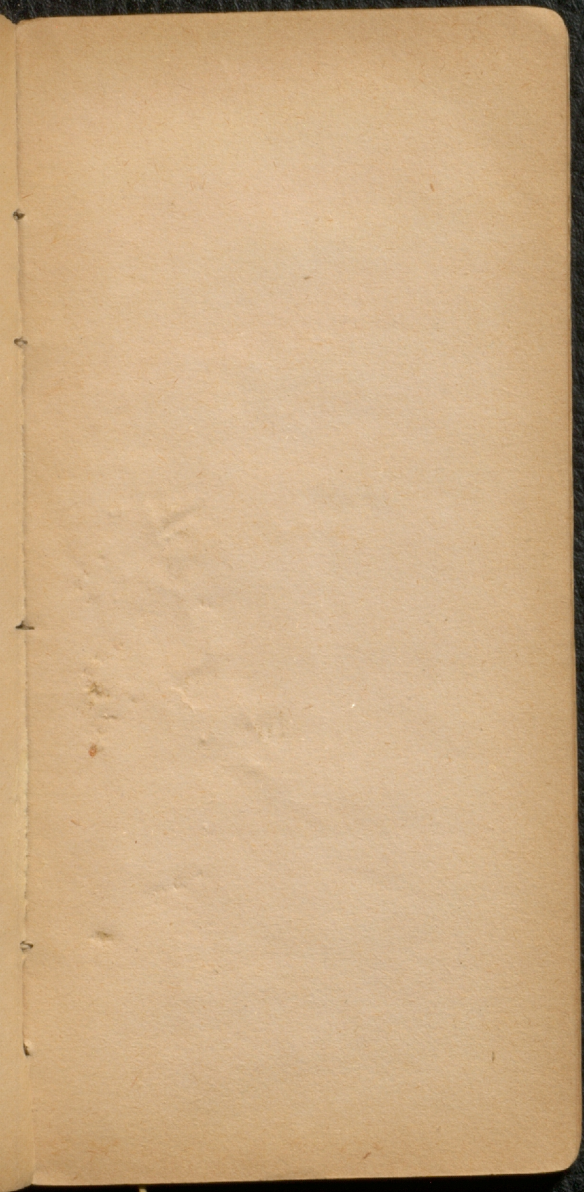
This the ^{left} ~~right~~ line

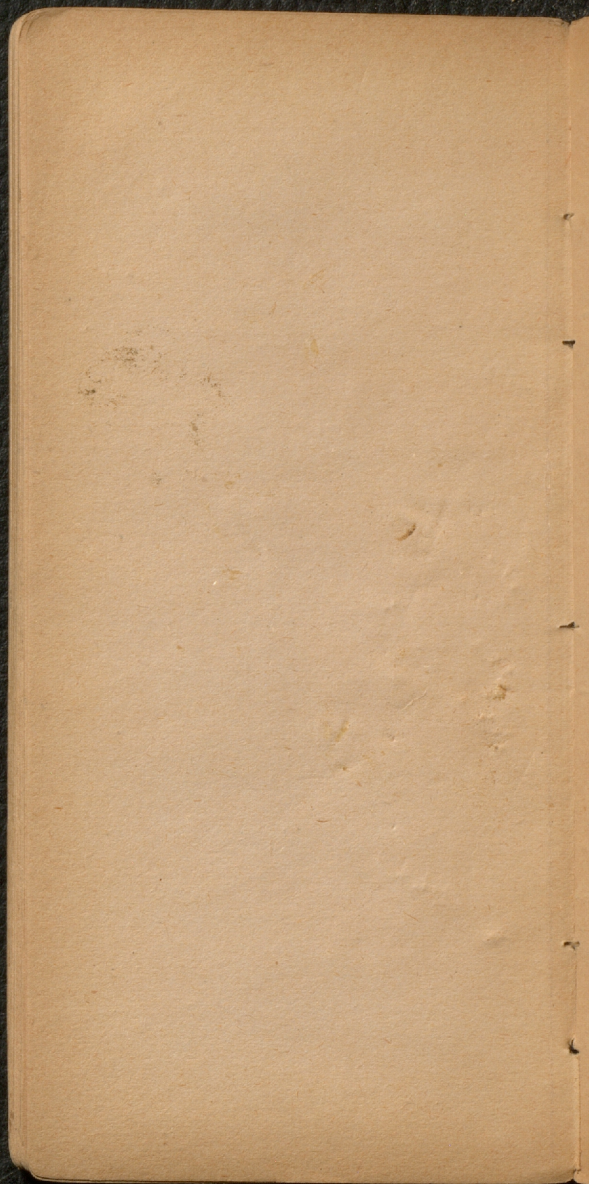
East of this the
gritty but & indeed
with belt of clupe
low back & strong
where various species
at cross-section.

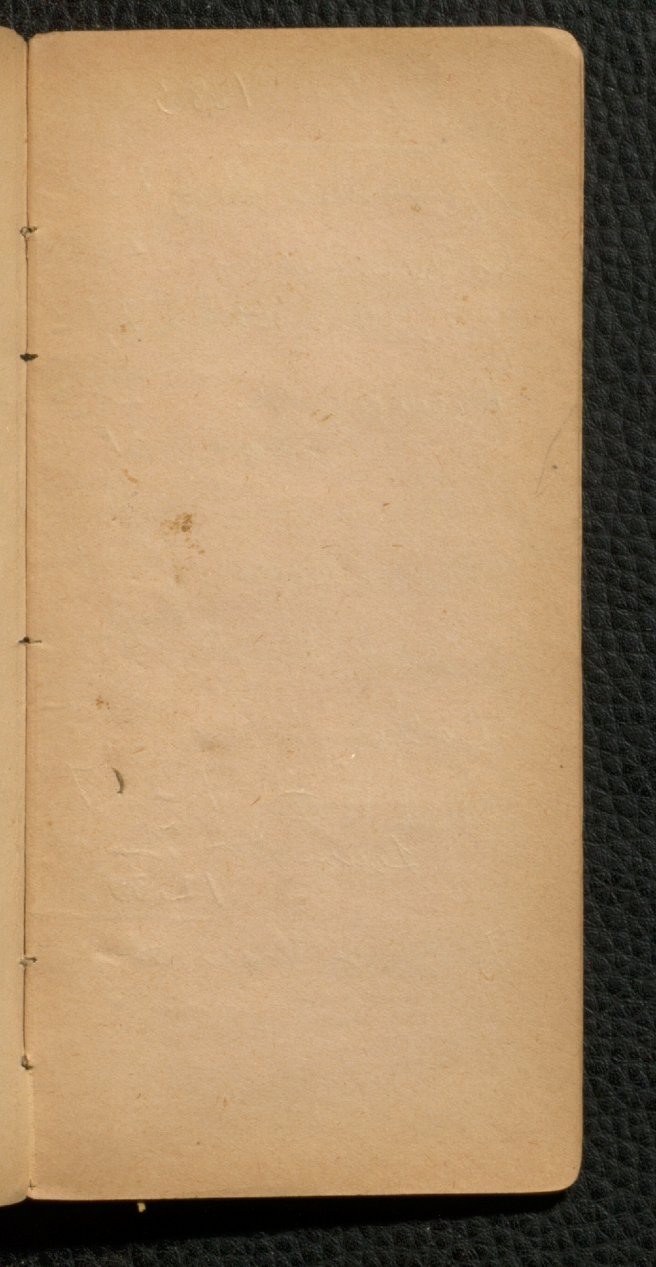
East of this better Brun
to margin of 2d steppe
distance. Siding & station
& station 1. Last follows
affirmation or copies
of clupe & of amount
to 1st line

181 Anne Stille
between ~~Melbourne~~
Melbourne
&
Sydney
Stations marked
by low sand
beds with
small oak,
etc









Plants

Alumina

White Oxeye

Epilobium

Eleagnus

Shrub with red
berries (seeds)

Sunflower

Rose

Clematis

Silene

Galium ?

Pepper bean

Junco

Merpulus

Cacti of Opuntia
Chamaecrista

Clarkia?

Sedum.

Rich^d Peake
Medecin Hat

Suskotum
Written name
for Chesapeake
in Wild Pen
Chesapeake

St Kennedy
alt Indian
Remains

Neo in
Photogram
Creech

Richard C. Fowler.

Broughton.
England.

Shells from C.P.R.

July 12 - Alex. C. C. C.
met George on summit
of C. C. C. very high
all well

on way to base
of C. C. C.

H. S. Holt

Supt. Construction

N & R. C. C.

Calgary

4 m m to

Calgary

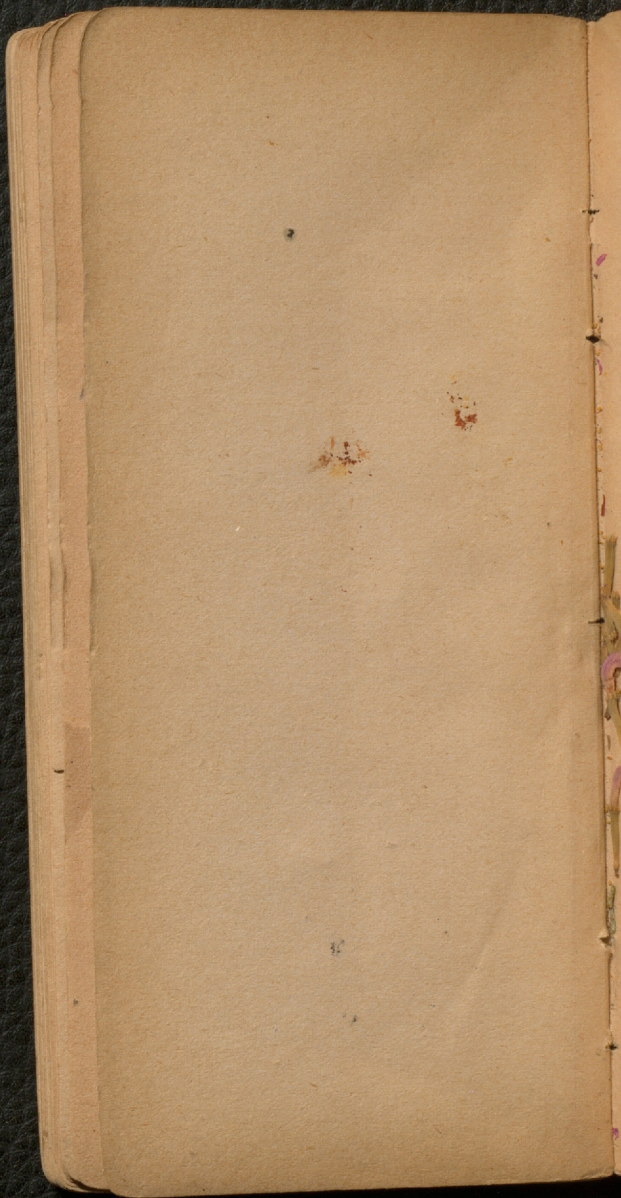
Moses

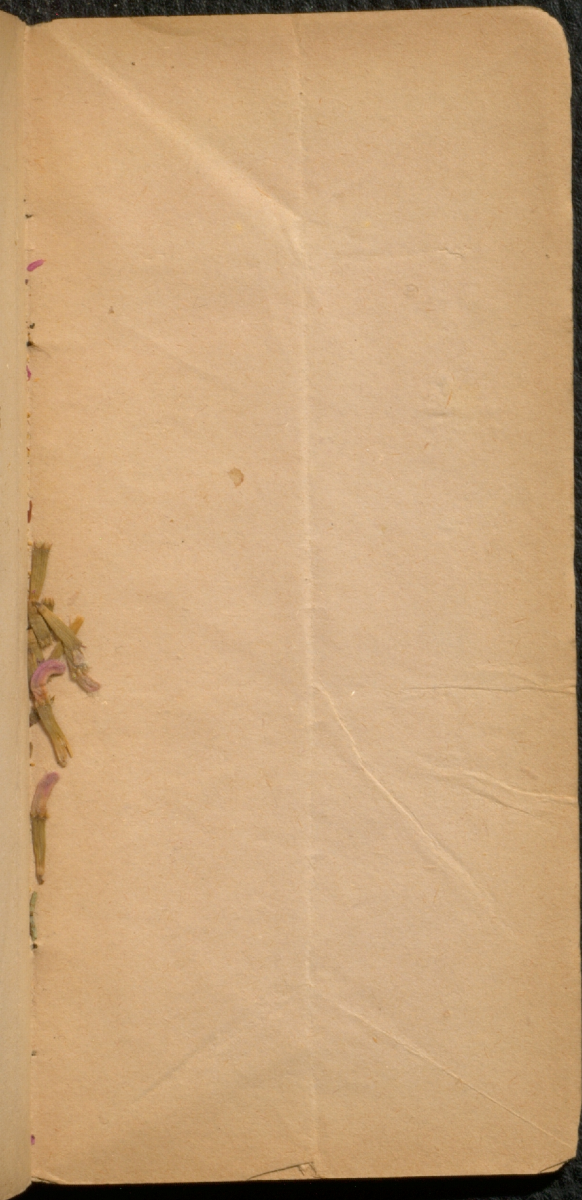
Brinker

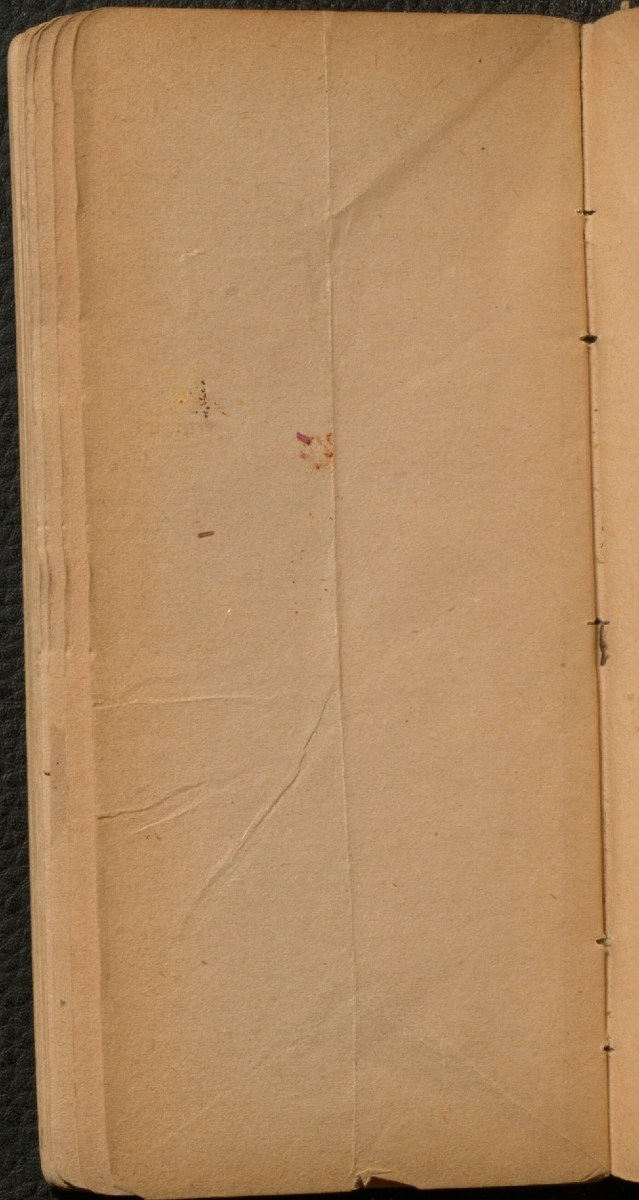
Winnipeg

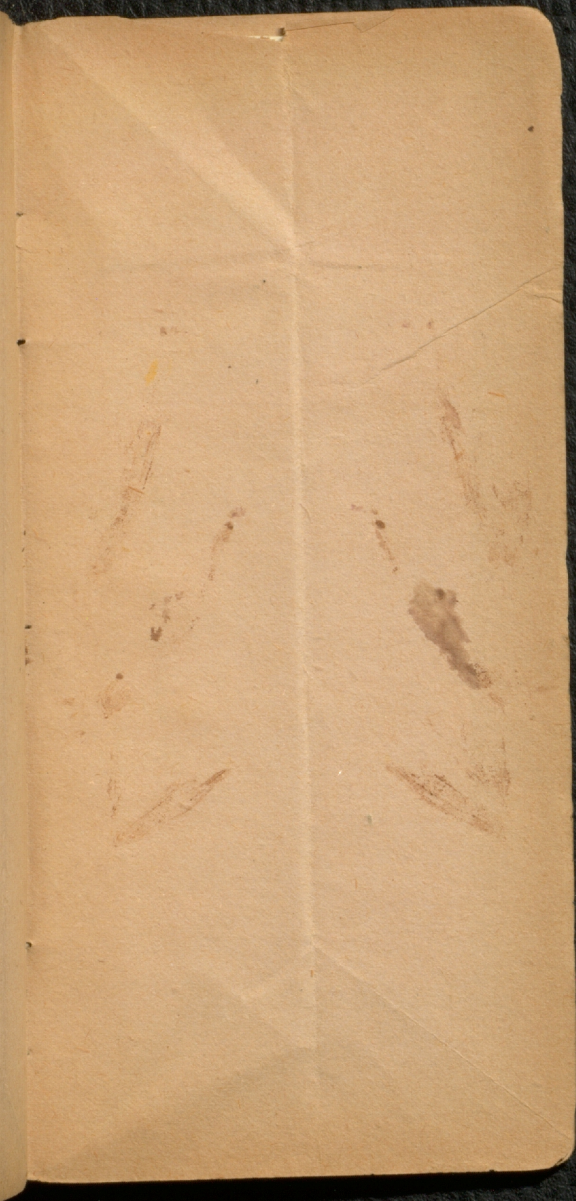
The
Zonedent
of Lewis

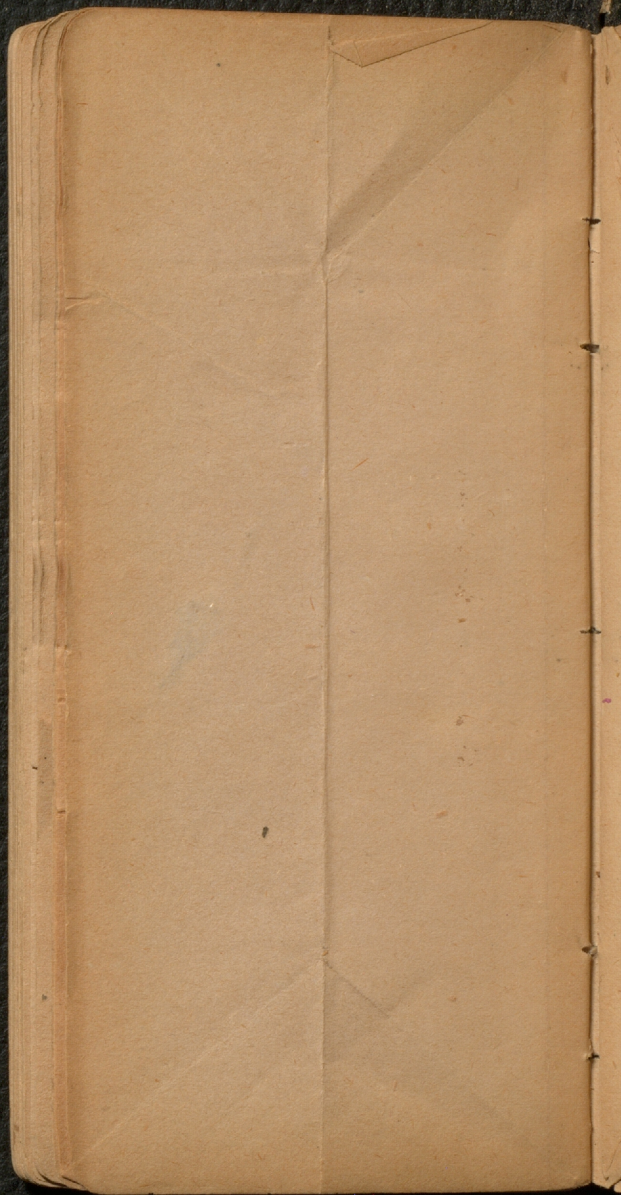












Two Mustangs
Si Siskalotema

10

Western Mustangs

10

