



Book 38.

1894.

November 21st.
to

1895.

April - 12th.

Edgar R. Waite.

Australian Museum.

Sydney.

1894.

Nov

Wed. 21. Sent in for
acceptance by the
Linnean Soc Council
the following papers.

1. New fishes by
Ogilby (Tel.)
- 2 New Typhlops by
Boulenger
3. *Aspidites ramsayi*
by ~~Myself~~ ~~Myself~~

Harvey got a live
Bandicoot at the
Museum I took it
home & put it in
with our own. It
was not fully grown
and very wild jump-
ing at the wires

in a frantic manner
in the spasmodic
way these animals
move. In a while
it poked its nose
into the box where
the other Bandicoot
was, apparently asleep.
On being awakened it
rushed out and
pursued the stranger
with nothing short
of fury, its victim
sought release in
flight but our an-
imal which was
much larger & better
fed gave it no
peace, it placed
its fore paws on the

back of the new
arrival & then very
suddenly turning
round launched out
with its hind feet
making deep & long
cuts with its large
claws which drew
the blood freely.
One cut stretched
across the head from
ear to ear. It was
quite evident that
unless I separated
them that a murder
would soon result.
It was some time
before I could catch
the smaller one as
it tried to avoid

me as much as
its persecutor and
with more success
Although more or less
tame our own an-
-imal did not
mild me in the
least but pursued
its unfortunate
victim about my
hands. At last
it took refuge in
the box which
seemed the more to
infuriate its per-
-suer, it, our own
Bandicoot resented
interference on my
part as it perhaps
thought I was

guilty for ~~the~~ introduction. It even turned on me but I believe without intention of hurting as it attempted to push away my hand with its snout which I naturally instantly removed. At length the poor unfortunate was driven out of the box by its rightful owner when I secured it with a pair of tongs. It not being safe to attempt to catch it with the hands. c.

stroke from a hind
claw being no
small matter. The
interloper was thus
reserved for a
Museum specimen.
When dead I found
it had received
terrible injuries
the gash on the
head with about
two inches long
& quite down to
the bone. There
were also gashes
on its sides and
rump the latter
smaller & evidently
made by the fore
feet, in pursuit

I did not noticed
that either animal
used or attempted
to use its teeth.
The older animal
has not entirely
escaped injury but
its wounds ~~were~~
inconsiderable. To-
day I received a
large package of
Linnæan Society's
Transaction, through
the agent general
Marriage free. In
the evening we called
on Paterson at Craighend
when we discussed
the question of the
Amalgam. I saw

flying, what I took
to be a boobook but
as it got nearer I
noticed the angular
wings of a *Pteropus*

22 Thur. On leaving
the museum Rose joined
me & went to Newtown
to tea. Later Rowling
turned up, we arranged
to go on Tuesday.

Dandiker turned our
piano to day - 7/6.

23 Fletcher sent to ask
if I could let him
have a plate as he
had a vacancy on
a stone. I gave his
messenger the two
of *Dendrolagus*.

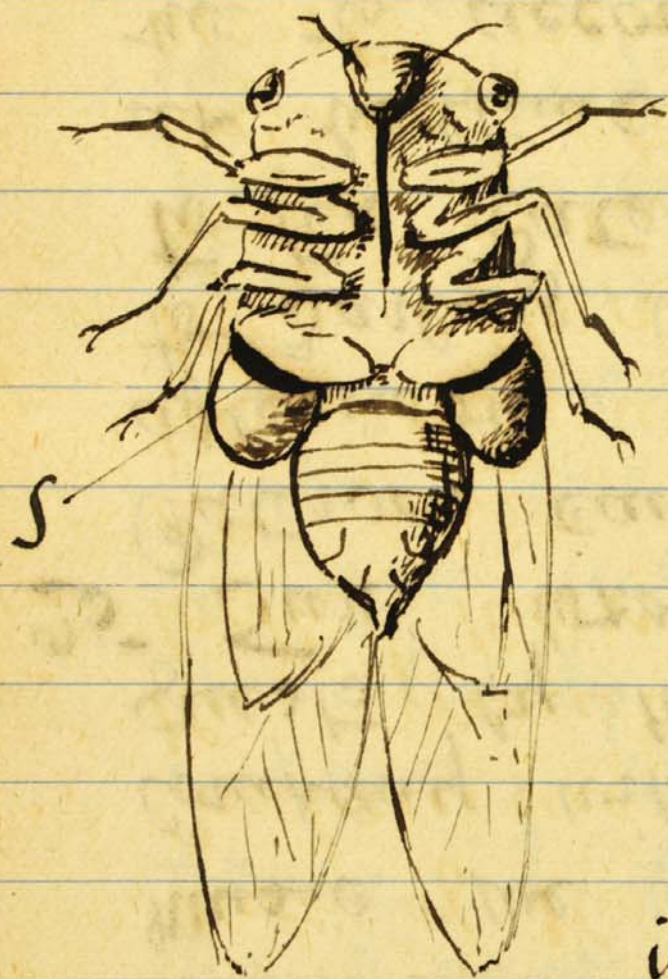
23 Fri. Called to see
Fletcher re my plates
invitation from Mr.
Down for tomorrow.
Got money order £5
to send to Wilfrid.

24. Took 3. O'clock boat
to Woolwich Mr. + Mrs
Rhodes also at the
Docks, went out and
were among the Ceadas
They flew almost in
clouds from the tree
trunks on which they
had been resting. They
flew quickly for a
short distance, but
were not too ready
to leave the trees and
we were able to catch

Several of them. Their
empty pupa cases were
all over the place. We
saw one or two just
out of the ground still
containing the insects
the ground was studded
with their holes which
at first I thought
were the work of ants.
They appeared as though
made with a stout
walking stick. The
insects were of several
species & in color were
green, yellow, black
or brown variegated
in several ways. 'Till
to day I had not
seen the apparatus

for producing sound.
of all I saw this is
most developed in the
brown species which
at Woolwich was the
most abundant species

Here is a
rough sketch
of the under
side of a
brown male
natural size.
On each side
is a hollow
box of which
the upper side
is open like



the "f" in a fiddle. If
this opening be closed
the sound is muffled.

Found nest of Silver-eye
which I took for the
Museum 'in situ', it
contained 2 eggs. After
music we returned in
company with the other
guests by the 9.0 boat.
25th Sun. Wrote to Father.
Paterson came in the
afternoon, we 3. walked
to Darling Point returned
to tea Paterson leaving
at bedtime, he asked
me to accompany him
to his selection on Dec 12
for a bit of shooting.
26th Mon. In consequence
of the England v
Australian Cricket
match now being

played here, we had
the afternoon holiday
Sent "Guide to Sydney"
to Father. The heat
is terrible, On going
out it is like enter-
a boiler-house with
the furnace doors
just opened. a heat
that almost takes
away one's breath &
makes one thankful
to get into the com-
paratively cool of
indoors. When I got
home I found the
Bandicoot nearly dead
it was unable to move
& was a long time
before it could stand

although I poured
water on to it from
the hose, not living
in its natural state
it had been unable
to burrow below ground
to escape the heat, the
box not affording it
sufficient protection. I
partly redrew Aspidites
plate the previous essay
not being to my sat-
isfaction.

27 Tues. After Museum
hours we took train
to Newtown, Shaw being
out we walked to
Stammore & calling
on an estate-agent
looked at some Cot-

-tages ranging from
£475 to £600. One at
the latter figure we
much liked. Returned
to Newtown, Shaw
joined & once more we
went Stanmore way
looking at some cottages
Shaw had noted for us.
Returned by train.
Paterson sent me a novel
"My Official Wife".

28 Wed. Linnean Soc:

In addition to my
own paper I com-
-municated "Boulenger's
Typhlops waitii". Ogilby's
Gymnothorax prionodon
& exhibited Ctenolabes
ambiguus attacked by

Noo.

the Salmon disease
Saprolegnia betax
and a Mucil dobula
from the head of which
a seaweed was growing.

LINNEAN SOCIETY OF N.S.W.
The Ordinary MONTHLY MEETING will
be held THIS (WEDNESDAY) EVENING, at
8 o'clock, at University-chambers, 169 Phillip-
street. The following papers will be read:—
(1) "Re-description of Aspidites Ramsayi,
Macl.," by E. R. Waite, F.L.S.; (2) "Descrip-
tion of Extinct Marsupials," by C. W. De Vis,
M.A.; (3) "Notes on Land Planarians," by A.
Dendy, D.Sc.; (4) "On a British Bivalve found
in Australia, and on a new sub-genus of Tro-
chidae," by J. Brazier, F.L.S.; (5) "Descrip-
tion of a New Australian Eel," by J. D. Ogil-
by; (6) "On a new Typhlops," by G. A.
Boulenger, F.R.S.; and (7) "Botanical Notes,
Part III.," by J. H. Maiden, F.L.S., and R.
T. Baker, F.L.S. J. J. Fletcher, Secretary.

29 Thur. Letter from
Father I replied in
part but held it
over until my usual
time - Cox asked me
if I would go to
Lake Macquarie with
him next Thursday

to Saturday to examine
the fish there. I
should therefore have
to decline Paterson's in-
-vitation to the 'selection'

30 Fri. Pay day. I
paid Gas bill £1. 10. 5.
Letter from Walker
asking us to Mauly
on Saturday, they are
spending their holidays
there. bought 2. 20x14
Canvasses 2/3 each -

December.

1. Sat. Took the 3.0 boat to Manly where the Walkers met us. Wandered round the rocks. Very suddenly a storm came up where the sun had been shining hotly & the water calm the sky was overcast, heavy rain & lightning from our shelter under the rocks we could see the sea rapidly getting-up, white horses galloped in the wind catching the crests & blowing the manes a long way.

During a lull we went
to the boarding house
had tea left by 8.30
boat in a rough sea
going across the heads
we did catch it.

2. Sun, Wet day did
not go out - spent
all my time painting
a Cuscus * I had
taken home for the
purpose a year ago -
I cannot understand
the following action
of the Mag :- If I
give Mag some meat
when hungry she
will perhaps swallow
2 or 3 pieces and
then pause, In a

* Phalanger maculatus. [20]

few minutes she will
cast up a pellet of
grass and oddments
but no meat, she
will then satisfy her
appetite, When casting
a pellet the mouth
is opened very widely.



According to
the newspapers
16 boats were
overturned yesterday
in the harbor during
the Squall.

3. Mon: I found Miss
Crossland awaiting
me at the Museum this
morning she had
brought me a Jackass.
They caught it a

month ago, it was
fighting with a
Magpie (? Magpie - Park
Grallina ?) in the
grass & did not see
anyone approaching.
It is very timid &
dull being an old
bird. On placing it
with the Magpies &
Poll it took no
notice of the birds
but kept its eyes
fixed upon me and
whenever I appear
within range of its
vision it never takes
its eyes from me. I
have said it is "dull"
it will allow me to

take hold of its
usually preferring to
snap at me instead
of moving away. I
have managed to
put a piece of meat
into its mouth when
it snapped and it
has kept it there
as long as I remained
in sight staring at
me the while. The
behaviour of the
other birds I noted
as follows:- Jakko
seemed terrified the
moment I placed the
jackass in the aviary
He snapped his beak
vigorously & uttered

his piercing alarm
notes time after
time whenever the
jackass even turned
his head jakko
nearly went into fits
hitherto he has been
the largest occupant
a regular cock of
the walk and bully
& like other bullies
he turns out to be
something of a coward.

Mag's characteristic
appears to be inquis-
itiveness. The jackass
had been in but
a few moments when
Mag advanced to it
pecked it here and

There then ventured
to peck its beak &
as a climax to its
behavior seized the
jackass by the tail
& vainly strove with
all its might to
drag "Jack" backwards.
During all this mal-
treatment Jack never
even so much as
moved a foot. The
rocking set up by
him being its only
motion & during the
whole time its eyes
were never taken
off me. Pole like
Takko also shrieked
out but this I

believe rather in
consequence of the
wild behavior of
the latter he having
proved a tyrant to
Roll. The Thrush in
the adjoining cage
(which by the way I
may mention is so
tame that it comes
to the wires to be
fed), does not run
away when I open
the door & even allows
me to pick it up.)
Being attracted by the
unwonted confusion
went close to the wires
the better to view
the commotion -

Rowling came in
the evening when
we tried over the
new flute music
he also volunteered
to keep-house for
us while we are
in Brisbane.

4 Tues. Rose invited
the Down's for this
day week. Board
meeting - In evening
I called on Paterson
when we talked over
the amalgam prospects -
Took home the "Eagle"
picture to work further
upon

5 Wed. Learnt that
the Lake Macquarie

Expedition had been postponed to tomorrow week.

6 Thur. Toward dusk Takko kicked up a fearful din. I rushed out thinking that Jack had laid hold on him. No! Jack had simply taken his place in the general shelter and although large enough ~~for~~ to contain all Takko evidently considered himself ousted & was "howling" as a child would on being refused some coveted toy.

7. Fri. Brazier wrote asking me to "lend" him £2. I replied my regrets. Received by English mail the "Nov" Naturalist" a letter from Wilfrid wherein he tells me that he has gone to live with Father who will endeavour to obtain for him a situation in a bank. Bought some $\frac{1}{4}$ imperial plates for Lake Macquarie). Wrote to Boulenger enclosing an abstract of the last meeting the Linnean Soc =

8. Sat. I had arranged to meet 'Ben' at Leichardt, he was going to pilot me round the district of Stannmore, it turned out wet with heavy thunder storms I started, & got as far as Park St when the rain came down in torrents, so I turned into the Museum & did an afternoon's work. Hedley came to tea & in the evening Paterson called & took us all to see 'Jones', the

first night, at
the Lyceum.

9 Sun. We took
train to Leichardt
after tea & wandered
about Stanmore
but without seeing
any houses that
specially took our
fancy.

10 Mon. Posted letter
to father, Aboriginal
on the envelope. I
arranged to take
a gun with me
to Lake Macquarie.
Received part 2
of the Proc. Linn.
Soc. N.S.W. - It
contains my paper

On Maroubra fishes
p 215 plate. XVII.

Rowling came to
music at night.

11. Tues. Received my
instructions re the
Lake Macquarie Ex-
pedition. Proceed to
Toronto by train thence
and tram on Thursday
at 4.53 pm. 15/- per
day allowed for ex-
penses. & a railway
pass. Received reprint
of 'Maroubra fishes'.
Mrs Down called to
see Rose. Called on
Paterson at night. Shot
a Flying-Fox with the
Walking-Stick gun -

Bought tennis-shirt
5/6. Rubber soled shoes

4/11-

12 Wed. Bought sundries
including a felt hat
4/6, & collected the
necessary things for
our Expedition.

13 Thur. The Secretary
gave me (to be accounted
for) a cheque for £5
which I got cashed
& went home at noon.

The trawl dredge and
all appliances had
been sent to the rail-
in the morning and
Bob and I left at
4:53 together with
2 men from the

Fisheries Dept: Mr.
Smithers? travelled as
far as Strathfield. I
was told that Thompson
wanted me to go on
to Newcastle. I had
previously been as far
as Ourimbah
where the scrub became
much denser. The
slowly moving train
allowed us to see
very much. Successively
we came across areas
of giant gaunt grey
gum trees, wide reach-
-ing blue valleys, and
open cleared sections
bush fires raging
along the line, areas

previously fire devas-
-ted reminded me
of England in Autumn
in places where the
leaves had only been
scorched they were
of lovely russet tints
the stems generally
were black but in
part the grey bark
had escapes. there
looking like patches
of silver on older
burnt tracts young
green trees shot up
contrasting strangely
with their blackened
surroundings, here
& there a cabbage
palm reared its

Crowned head like
the brush of a
chimney sweep, in
parts we passed
through a cutting
of the far stretching
sandstone of the
Hawkesbury Series
from the crevices of
which numerous &
varied plants stretched
to meet the air and
light. Looking across
on distant ranges
one could see the
scattered gum trees
growing among in-
numerable fallen rocks
The vistas down the
numerous creeks, Cowan,

Berowra etc were
really fine, many
of the trees accom-
-modated the immense
nests of the destructive
Termites. The cleared
areas of the Squatters
were suggestive of
oases in the desert
a deserted selection
was to be recognised
by the chimney
of an otherwise
weather-board house
which being of brick
had been left
standing. Besides gum
trees Palms - Banksias
Xanthorreas, "Native
Pears" and Wattle

were most conspicuous
The course along the
Hawkesbury is a
delightful experience
Mangrove Swamps,
have been filled in
to form the narrow
embankment of the
railway but water
stretches away on
both sides, the view
ever changing. One
little incident I
must mention. Bob
was my only com-
panion in the 4.
seat-carriage. I
stepped into the lav-
atory & Bob as he
afterwards told me

while reading knew
that I had got
up but did not
take notice until
looking up & not
seeing me was
firmly convinced
that I had jumped
out of the window
he rushed to it
but at that mo-
ment we entered
the tunnel while
therein I returned
to my seat un-
noticed in the dark
& unheard in the
roaring of the train
When we emerged
into daylight Bob

who was really
scared said "good
god Mr. Waite" I
thought you had
jumped out of
the window. Even then
he could not ac-
count for my dis-
appearance until
I explained matters
to him. At length

we arrived
at Toronto, here the
men alighted ~~at~~
with the trawl &
while I went on
to Newcastle which
I reached at
I proceeded to the
Great Northern Hotel

where Thompson joined
me by a later train
after refreshment
we walked through
the town together

14 Fri. got up early
and walked on to
the end of the spit
(Nobby's) and up to
the lighthouse, back
to the town and in
to breakfast at 8.0
met Frank Down at
the table. Thompson &
I left at 9.0 for
Cockle Creek. Here a
launch took us out
till we met the 'Mag-
-gie Johnson' with
our men & tackle

on board from Toronto
Cockle Creek is pretty
being an arm of
the lake river-like
in appearance. When
we entered the Lake
proper we lost all
detail of the shores
Sharp and Swallows
were about the only
birds we came in
with. We put down
the trawl several times
but as the bottom was
muddy & shallow the
results were almost
nil. as we expected
to be trawling in
the evening we gave
the men a spell in

The afternoon. Steamed
across the Lake to
Belmont, had lunch
& Thompson & I set
off in search of a
Lagoon on which I
was told were Redbills

We had not gone far
along the road when
a black snake ap-
parently went for T.
although a heavy
man he was precious
nimble, I succeeded
in placing the barrel
of the gun on the
snake but it got
away & into a hole
in some stones. T

had simply been
in front of the Snakes
retreat. He having
seen sufficient chose
to return while I
went for the lagoon
I could get nowhere
near the water as
the edges for 200
or 300 yards were
mangrove swamps.
As it was I got
muddied up to the
knees. I returned to
the Accommodation
house when we set
off to Toronto to
meet Cox. We found
him at the hotel
where we also had

a feed. On again
being under steam
now in the darkness
we put down the
trawl of 2 or 3 hours
several times but
with negative results
Finally about 1. am
I was landed at
Swansea close to
the entrance to the
lake

15 Sat. Knocked up a
fisherman - Boyd -
& a bed was found
for me. I was soon
asleep despite the
noise scuttering over-
head. Got up at
4.30 & walked along

The Sand flats, the
tide was coming in
being searched by
waders which I was
not able to approach
Curlew wheels

were all
I got. Returned at
8 to breakfast, and
then went along ~~on~~
Spit stretching into
the lake I did very
little more than have
a swim about. I
shot 2 Shags at one
shot, they both fell
into the lagoon over
which they were, one
got up again and
managed to get away

Taking off shoes &
socks & doubling up
my bags I waded
in after the other
which led me a
fine dance for about
 $\frac{3}{4}$ of an hour. It
took to diving and
would allow me to
approach within a
dozen yards when
down it went & up
many yards away
where I least expected
it. As I got into
deeper water I had
trouble in keeping
my pants dry as
I had my gun
under one arm. at

last one of my
leg protectors rolled
down & I was thus
relieved of further
anxiety on that score
The water took me
up to the thighs.

Several times I felt
something nibbling at
my legs but it
was not until I
saw the bird diving
towards me that I
became aware that
the Shag was my
assailant. Many times
it went straight for
me. Once or twice
I held it down in
the mud but the

water being too
deep for my arms
I had to let it go.
Sometimes it would
come up close to me
when seeing its
mistake it would
redouble to appear
further away. I
at length managed
to secure it when
it bit savagely
at me and drew
blood several times
before I could
secure its snake-
like head. At 11.0
the 'Maggie Johnson'
came for me as
arranged. In passing

Pelican flats we
saw a single Pelican
but black masses
of Shags. On a
sand bank some
fishermen whom we
had engaged put
down a net & got
a decent haul, the
Whiting being the
finest I have seen.
We then steamed in
the direction of Toronto
trawling with success
as we went. I
dined at the Toronto
Hotel with Thompson
and Cox who left
by the 2.0 train
I had to remain

until the 3 train
in order to see
the men get the
apparatus stowed
away. I reached
home about 8. in
heavy rain by cab.
Miss Hopcraft who
had been staying
with Rose remained
overnight. A letter
I had sent to Rose
by boat at 11.0
on Thursday night
reached her at 8.
next morning from
Newcastle.

16. Sun. - The Shag
although able to
dive well. appears

to be paralysed
in its legs. It
had been slightly
wounded in the
back. wrote to Wilfrid
addressed to Headingley.

17. Mon. Posted Xmas
Bulletin to Mrs Waite.
Half day holiday
in consequence of the
English Australian
test Cricket match
to which I went.
The Englishmen in
made 325 as against
the Colonials 586.

The game was very
slow. Paterson came
to 6.0 O'clock dinner
Rowling came later

but we had no
music. Paterson
had sent me an
order on Reynolds
& Brause for £ 10.
which I forwarded
to father for. —
Life Insurance 3. 17. 6
Kumear Soc. 3. 0. 0
Miscellaneous —

18 Tues. Bought pair
of shoes 8/6. In
the evening we went
to Shaw's to meet
"a few friends" &
attempted my new
piece "Le Babilard".
The Shag died and
became a museum
specimen. Xmas

Cards from father
and Wilfrid, An
English mail also
came last Thursday
bringing me a letter
from father which
I did not see
until Sunday.

IN THE HISTORY OF DYALUS.

THE CONCHOLOGICAL SOCIETY.

At the meeting of this society, on the 6th October, the chair was occupied successively by Mr. Henry Crowther, F.R.M.S., and the President (Mr. John W. Taylor, F.L.S.). The donations included the report of the trustees of the Australian Museum at Sydney, in which due mention is made of the accession to its staff—in the capacity of Zoologist—of our old friend and colleague, Mr. Edgar R. Waite, F.L.S. Numerous shells were shown, including a further fine series of Gloucestershire shells sent by Mr. A. G. Stubbs. There was also an excellent series of Scottish land and fresh-water shells sent by Mr. G. A. Frank Knight, of Bearsden, Glasgow. This included various interesting varieties of the ubiquitous *Limnæa peregra*, including a very tiny form from the bleak Iorsa Water, in the island of Arran, others of larger size from Machrie Water, in the same island. There were also *Planorbis albus* and *Pl. contortus* from Dougalstan Loch, Stirlingshire; *Valvata piscinalis*, from the same place; *Helix rufescens*, from Bearsden, Dumbartonshire; *Pisidium nitidum*, from Loch Morlich, 1,046 feet above sea-level, Inverness-shire; *Succinea elegans*, from Collieston, Aberdeenshire; and varieties of *Helix virgata* and *H. acuta*, from ballast-hills at Troon, Ayrshire. Mr. Roebuck showed, on behalf of Mr. Arthur Mayfield, of Norwich, a number of living *Amalia gagates*, pale in colour, from gardens at North Heigham, where they are very plentiful.

The next meeting will be held on Wednesday, the 7th November, at 5 p.m., at the Museum, Philosophical Hall, Leeds, when all conchologists are welcome.—
C. N. R. T.

19 Wed. My week
on late duty. In
consequence of the
Lake Macquarie trip
matters were disarranged
so that I shall have
to take next (Xmas)
week also. The rest
will have from Sat
afternoon to Wednesday
inclusive. I shall be
on duty Mon & Wed.

20 Thur. The 6 days
Cricket match was
concluded to day with
a most unexpected
win for England ~~for~~
by 10 runs. The
Australians had only
64 runs to make &

8 wickets to fall but
they failed -

AUSTRALIA—First Innings.

Lyons, b Richardson	...	...	1
Trott, b Richardson	...	...	12
Giffen, c Ford, b Brockwell	...	...	161
Darling, b Richardson	...	...	0
Iredale, c Stoddart, b Ford	...	...	81
Gregory, c Peel, b Stoddart	...	...	201
Reedman, c Ford, b Peel	...	...	17
M'Leod, b Richardson	...	...	15
Turner, c Gay, b Peel	...	...	1
M'Leod	...	180	7
Iredale	...	12	0
Lyons	...	12	0
Reedman	...	36	1

AUSTRALIA—Second Innings.

Lyons, b Richardson	...	...	25
Trott, c Gay, b Peel	...	...	8
Giffen, lbw, b Briggs	...	...	41
Darling, c Brockwell, b Peel	...	...	53
Gregory c Gay, b Peel	...	...	16
Iredale, c and b Briggs	...	...	5
Reedman, st Gay, b Peel	...	...	4
Turner, c Briggs, b Peel	...	...	2
Jones, c M'Laren, b Briggs	...	...	1
Blackham, c and b Peel	...	...	2
M'Leod not out	...	...	2
Sundries	...	...	7

All out for ... 166

BOWLING ANALYSIS.

	Balls.	Maidens.	Runs.	Wickets.
Briggs	66	2	25	3
Peel	180	9	67	6
Richardson	66	3	27	1
Lockwood	96	3	40	0

Lockwood bowled four no balls.

Off. Form, Georgia, and Fort spurted
half a mile Sundial doing a useful six fur-

I visited Oliff in
the evening, he is
mending slowly.

8 wickets to fall but
they failed -

AUSTRALIA—First Innings.

Lyons, b Richardson	...	1
Trott, b Richardson	...	12
Giffen, c Ford, b Brockwell	...	161
Darling, b Richardson	...	0
Iredale, c Stoddart, b Ford	...	81
Gregory, c Peel, b Stoddart	...	201
Reedman, c Ford, b Peel	...	17
M'Leod, b Richardson	...	15
Turner, c Gay, b Peel	...	1
Blackham, b Richardson	...	74
Jones, not out	...	11
Sundries	...	12

All out for ... 586

BOWLING ANALYSIS.

	Balls.	Maidens.	Runs.	Wickets.
Richardson	333	13	181	5
Stoddart	...	18	0	31
Peel	...	318	14	140
Briggs	...	150	4	96
Brockwell	...	132	7	78
Ford	...	66	2	47
Lockwood	...	18	2	1

Ford bowled one wide.

ENGLAND—First Innings.

M'Laren, c Reedman, b Turner	...	4
Ward, c Iredale, b Turner	...	75
Stoddart, c Jones, b Giffen	...	12
Brown, run out	...	22
Brockwell, c Blackham, b Jones	...	49
Peel, c Gregory, b Giffen	...	4
Ford, st Blackham, b Giffen	...	30
Briggs, b Giffen	...	57
Lockwood, c Giffen, b Trott	...	18
Gay, c Gregory, b Reedman	...	33
Richardson, not out	...	0
Sundries	...	21

All out for ... 325

BOWLING ANALYSIS.

	Balls.	Maidens.	Runs.	Wickets.
Lyons	...	12	2	0
Reedman	...	21	1	12
Trott	...	90	4	59
Jones	...	76	7	44
Turner	...	264	16	89
Giffen	...	258	17	75
M'Leod	...	84	2	25

Jones bowled one wide.

ENGLAND—Second Innings.

M'Laren, b Giffen	...	20
Ward, b Giffen	...	117
Stoddart, c Giffen, b Turner	...	36
Brown, c Jones, b Giffen	...	53
Brockwell, b Jones	...	37
Peel, b Giffen	...	17
Ford, c and b M'Leod	...	48
Briggs, b M'Leod	...	42
Lockwood, b Trott	...	29
Gay, b Trott	...	4
Richardson, not out	...	12
Sundries	...	22

All out for ... 437

BOWLING ANALYSIS.

	Balls.	Maidens.	Runs.	Wickets.
Giffen	...	450	25	164
Turner	...	210	14	78
Jones	...	114	0	58
Trott	...	76	2	22
M'Leod	...	180	7	67
Iredale	...	12	0	3
Lyons	...	12	0	12
Reedman	...	36	1	12

AUSTRALIA—Second Innings.

Lyons, b Richardson	...	25
Trott, c Gay, b Peel	...	8
Giffen, lbw, b Briggs	...	41
Darling, c Brockwell, b Peel	...	53
Gregory, c Gay, b Peel	...	16
Iredale, c and b Briggs	...	5
Reedman, st Gay, b Peel	...	4
Turner, c Briggs, b Peel	...	2
Jones, c M'Laren, b Briggs	...	1
Blackham, c and b Peel	...	2
M'Leod not out	...	2
Sundries	...	7

All out for ... 166

BOWLING ANALYSIS.

	Balls.	Maidens.	Runs.	Wickets.
Briggs	...	66	2	25
Peel	...	180	9	67
Richardson	...	66	3	27
Lockwood	...	96	3	40

Lockwood bowled four no balls.

21 Fri. wrote to father
Rose having tied
upon a rusty nail,
I am now chief
cook & bottle-washer

22 Sat. At the Museum
all day. Called on
Paterson who had
written & asked me to
send away to R & B
some Amalgam wh.
would be prepared
during his absence at
the mountains.

23 Sun. a bad cold
I had developed last
week kept me in
doors all day. Rose
also had to be
attended to.

24 Mon. at Museum
alone, sent off some
Maroubra Fish reprints
to Father, Roebuck
Boulenger. Günther.
Posted letter to Father
will (Transvaal) and
Chadwick. We received
sundry Xmas cards &
in the evening I went
into town bought some
plain cards on which
I made drawings and
sent to:- Shaw, Rowling
Mrs Rowney. Miss Hopcraft
Cooksey. Mrs Jordo, Mrs
Down, Mr Barrett (Brisbane)
Mr Roebuck & Miss Thorpe
(both of Geelong. Vic).

~~25~~ Xmas day. A very
sorry Xmas, what
with bad feet & colds
I spent most of my
time reading Bevan's
New Guinea, breaking
it only by a stroll
round the Bay.

26 Wed. At the Museum,
again alone. In the
evening Miss Hopcraft
and her sister called.
Commenced a letter to
Roebuck asking him for
'Naturalist' covers, for
reprints or cuttings fr.
'Naturalist' by myself.

27 Thur. Looked through
the bird skins and
placed relays of
Naphthaline + 'Cajuputi'
among them. Took
my Dendrolagus M.S.
to Fletcher who told
me that it ^{would} probably
not appear in the
next number (No 3)
of the proceedings.

28 Fri. English mail
in by the "Ormuz".
A letter from Fanny
re Wilfrid who it
seems had been
engaged to her and
had just broken
his troth, and almost
her heart -

Also letter from
Father. Having promised
Paterson, he being
away, that I would
send to Branson 20
oz of alloy, asked
for. I obtained it
to day & in the
evening weighed,
bottled, and packed
it up. At night
we had a raging
storm. lightning &
torrential rain.

29 Sat: On duty at
the Museum 'till 5.
wrote a long letter
to Fanny, sent off
the Amalgam, 4/6.
Carriage. Parcel Post

While there Mrs Forde
called on Rose and
left a couple of
very small drawings
executed by her in
1864. Rowling also
called during my
absence and asked
for particulars of
our holiday dates &c.
I sent my bank book
to the general Office
for calculation of
interest

30. Sun. Leaving home
at 9.45 I walked to
Maroubra landing at
10.35. A glorious but
broiling. After a dip
I went to a part of

The Coast, (Lillipilli)
I had not previously
visited, here are some
very curious examples
of the weathering of
Sandstone, On a shoal
covered at high tide
the rock has been worn
down about one foot
as determined by the
harder portions which
of course may also
have suffered somewhat
These harder parts are
all arranged on the
same plan & consist
of cones, at the top
of which is a small
depression 3 or 4 inches
The whole therefore

is like a miniature volcano, These are most plentiful over a limited area but are to be traced in other places Maroubra included. The area mentioned is thickly studded with the cones



One hard portion was of large size and had been retained by a ring of ironstone? which had prevented weathering & had formed a trough a foot high, 3 feet

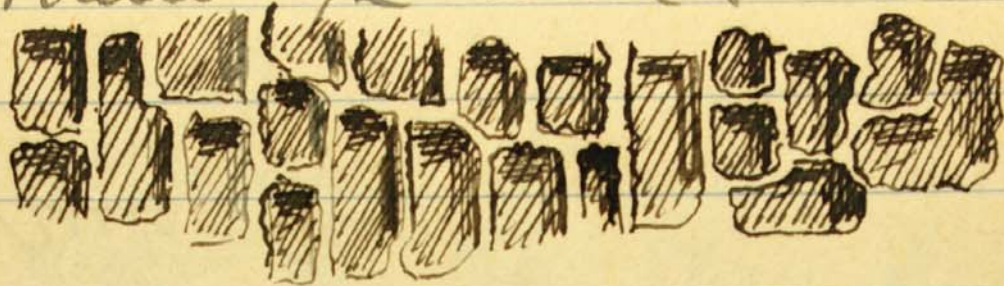
Dec.

long and 2 wide the
summit being of brown
color while the other
part was sandstone -
this also had an
internal depression of
four inches or so.



I also noticed another
form of weathering,
honeycomb, but instead
of it being, as usual
horizontal, it was in
a vertical rock the
depressions were most
regular to 6 inches
in depth while the
septa were not more

than $\frac{1}{2}$ inch.



I walked along the beach to the further rocks & back without shoes or socks, the consequence being that my feet were badly burned, even my face was scorched. In the evening I concluded my letter to Roebuck while Rose wrote to Fanny.

31. Mon. Posted 2 letters to Fanny and one to Roebuck. In consequence of Rowling having said

Dec. - Jan

"Another fellow will be in the house with me" and so forth I considered it advisable to take the birds to the Museum, I asked Ben. to attend to them & wrote Rowling that we had decided to shut up the house.

We had an unexpected half-holiday today which of course was of but little use to us. We walked round the City in the evening I bought a two-foot rule 2/-

Jan - 1895.

1. Tues. Yet another holiday. Heavy rain most of the day kept us indoors. Pasted up some scraps &c and did various odds and ends.

We shall probably go to the Mountains (and caves?) for our holidays giving up the thought of Brisbane, 1. because Nedley has dropped out and 2. Rose does not look forward to having hotter weather than we are now experiencing.

2. Wed. Commenced my bi-monthly letter to father.

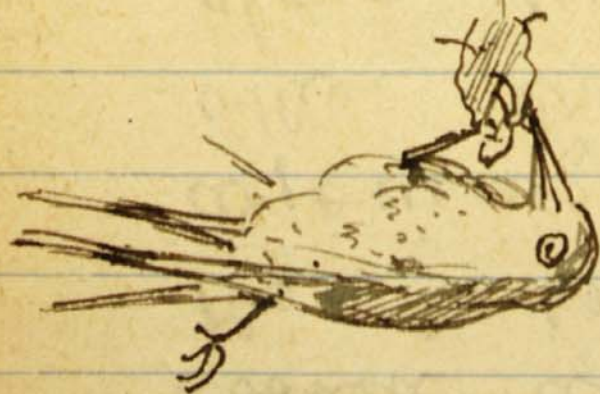
Jan

3. Thurs. Received Bank book from the General Office with £6. 6. 3 added for interest
- 4 Fri. 'Did-up' the garden after which we paid a visit to Miss Scott.
- 5 Sat. After dinner we took train to Newtown called at Union Bank the Shaw family had gone to the Pantomime I had wanted to ask Shaw about a house he had mentioned at Arucliffe. We walked on to Stanmore called at Hetchers' he and Mrs 7 had just left for the mountains.

The house we had looked at was sold & the rods up on the adjoining plot for another erection. Walked along until we struck the Lechardt road & took the tram home.

6 Sun. I had some fun with Mag to day. We had caught a mouse in a cyclone. I attached a piece of string to it & let it down to the birds through the wires. Strange Mag was the only one that went for it. She jumped up & caught it & then remained

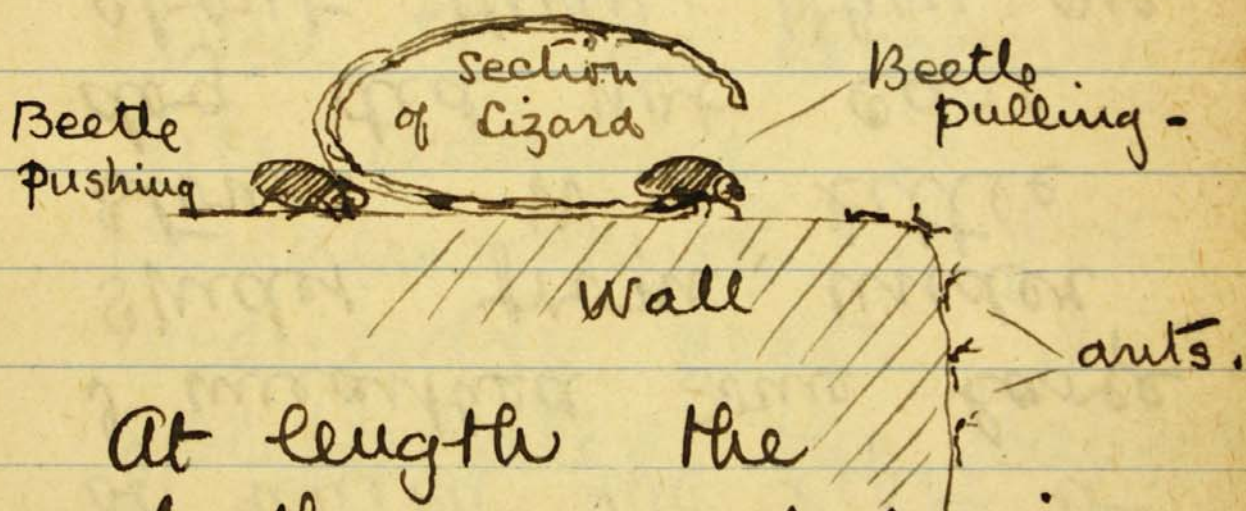
suspended still holding
while I drew her to
the top of the aviary.
She would hold until
tired & then drop off.
I did this many times
I noticed that while
suspended by her
beak she was able to
hook one claw on to
the mouse, but could
never reach it with
both claws at once
although she several
times tried,



In the afternoon we
walked - to - Walker's
at Waverley. I went
into Centennial Park
with W. and among
other things a dead
Lizard (Amphibolurus
muricatus) attracted
my eagle-eye. It was
lying near a low wall
& was swarming with
ants. I lifted it on
to the wall when the
ants came streaming
out while those on
the ground sought
around in all ways
some commenced to
ascend the wall & soon
met others coming

from the Lizard. There was a scurrying and shortly it became evident that nearly all those on the ground became aware of the situation of the Lizard for they all hurried up the wall. It was evident however that ants were not the only tenants for I noticed the Lizard moving. This was the work of a small beetle (*Histeridae* ?), it had insinuated itself under one side and was slowly moving the lizard towards the

edge of the wall, at first I thought quite unassisted. I noticed another specimen inside & this was actually hitching its claws to the stone & so dragging itself & the lizard towards the edge thus: —



At length the beetles succeeded in pushing and pulling it to the edge when it toppled over, the pulling beetle going.

with it, The other
ran to the edge and
deliberately "fell" over.
it soon reached the
Lizard in the interior
of which we left it.
I unearthed some large
snails from under
stones. W's little
dog did not care
about them, when one
ran up its leg, it
shook it off with
decided aversion - I
finished letter to father
Sperm whale on the
envelope.

7. Mon. Received letter
from R Hislop in
which he gave me

additional notes of
the Tree Kangaroo.

Went to the Linnæan
Soc: but Fletcher
being away, the boy
could not give me
the MS. Received

from Cox and accepted
a ticket for Banquet
Reception, & Conversation
given to "His Excellency
Vice-Admiral N

Bowden-Smith" for
Wednesday next. I

simplified the Baudi-
-cott as I am not
likely to learn much
more about it. A
pair might teach me
something more! ✕

✕ see end of the "7th" [76]

Rowling did not appear
in the evening may
be owing to the very
heavy rain which fell
in the evening - wrote
to P. O. asking that
my letters be sent
to the Museum. I
bought Tennis Shirt
Collars and tie 10/-
posted letters to Belle
& Father. Hedley gave
me a copy of the
"Nautilus" containing
his article on "a
shell hunt 40 feet
under the sea."

.x. The Bandicoot
had grown very large
under domestication

much larger than
any wild one. So
Thorpe said. It had
been fed upon a
variety of food the
staple perhaps being
pudding. (Semolina
Rice, Sago &c) of
which it was very
fond. It drank a
lot of milk, liked
peas & french beans
(boiled) meat more
especially cooked, it
being easier to mas-
-ticate. Nothing left
from the table came
amiss to it, but raw
vegetables did not
seem to be favorites

Jan

8. Tues. Received proof of Dendrolagus paper & spent the evening in writing additional matter including a long foot-note on the supposed "Native-Tiger." Letter from Rowling his absence yesterday was on $\frac{1}{2}$ of the rain. Called at Cook's for Blue-Mountain and Jewell Cave literature - I saw Paterson in the evening he suggested Leura as a mountain resort for a Naturalist. Bought set gold-topped Stud.

9. Wed. At 7.0 I, with
Etheridge and Hadley
attended the banquet.
Gave to Bowden-Smith
Met the Governor, a
regular "Duff" He
has an awfully
annoying habit of
passing his fingers
across his face just
touching his moustache,
for an instant, on
each side. I almost
felt inclined to look
upon it as a nervous
affection



Other notable personages
were. Sir Geo Dibbs.
Mr Millar. Mayor
(Lee), Ex Mayor (Manning)
The late Admiral
(Bowden-Smith). New
Admiral (Bridges) The
Priuate, Stattery. -
After the toasting was
~~a~~ very slow so -
called conversazione
by 10.0 we had had
more than enough &
adjourned to a bar
(private) & discussed
many matters until
11.30 -

10 Thur. An English
Mail in. Letter from
father, "Naturalist?"
but no experience
of 'diving' yet - I
took Jackass + parrot -
to the Museum. Bought
a Mackintosh 27/6.
also a Bulletin, it
contains a photo:
reproduction of
Etheridge + an article
on him by Hedley X.
Received a telegram
from Brisbane asking
me to send paper
by Tuesday. I had
given ~~at~~ up all
thought of writing
it, opened the

"Demitted" box, it
contained no dust
so I replaced it
roughed out my
ideas in the evening

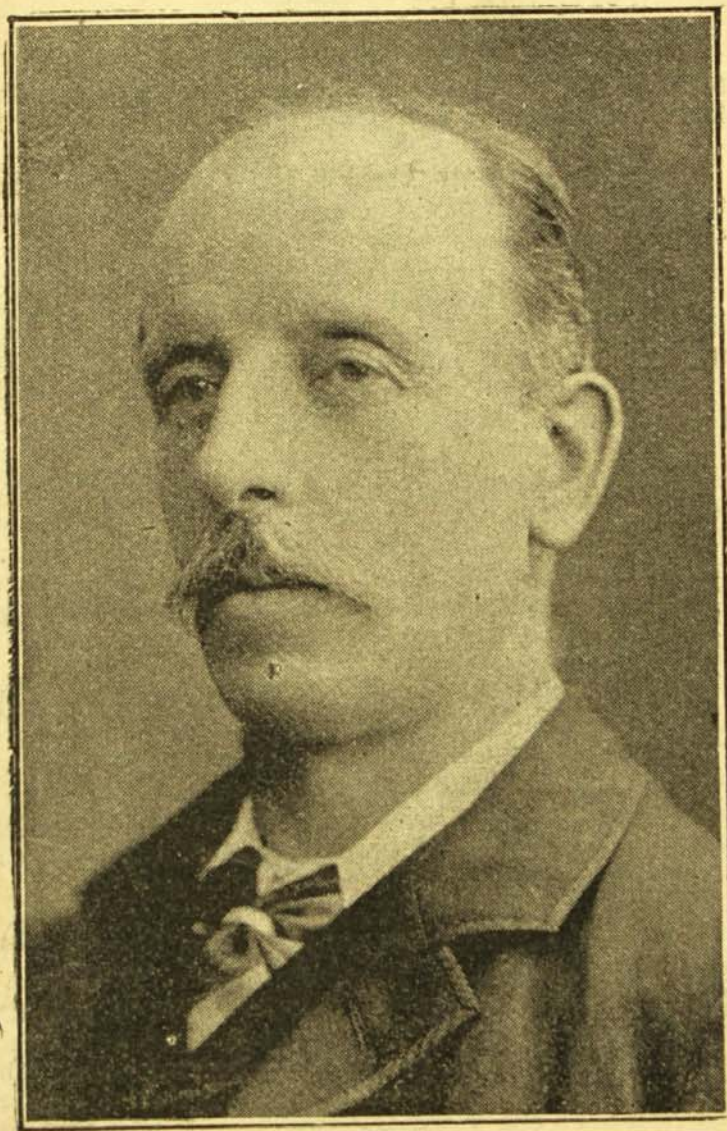


Photo. by Falk]

[Sydney.

Mr. ROBERT ETHERIDGE, Jun., the new
Curator of the Australian Museum, Sydney.

To many an old miner "The Etheridge" will recall tramps under a North Queensland sun, watches kept against wild myalls, and fossicking over the quartz reefs; but few know that the goldfield was named after a Sydney resident, the gentleman who was last week gazetted as Curator of the Australian Museum. Robert Etheridge, jun., was born in the purple of science, his father being a well-known savant attached to the British Museum and Geological Survey. Young Etheridge was one of the brilliant group who officered the first geological survey of Victoria, and who were widely scattered on its break-up. Selwyn, its head, removed to Canada, where he gained added fame as director of the Canadian Geological Survey. Wilkinson returned to N.S.W. and rose to be Government Geologist. Daintree migrated to Queensland, where as author, artist, and explorer he surveyed and described the mineral wealth of the Far North. Before he left Australia to represent Queensland as Agent-General, he named a new goldfield, "The Etheridge," after his old Victorian colleague. On losing his appointment, Mr. Etheridge returned to Europe and obtained employment on the geological survey of Scotland. Across the seas, Australia still fascinated him, and his studies were frequently directed to the solution of Australian geological problems. In 1878 he produced "A Catalogue of Australian Fossils," which still, though out of print, is the standard work on the subject. Wider opportunities for research were gained by his removal to London, consequent on receiving an appointment in the British Museum. His interest in Australia was kept alive by the collections transmitted and discoveries reported by Mr. R. L. Jack, his Edinburgh friend and fellow-worker, who, by this time, had commenced his Queensland career. In 1887 Mr. Etheridge returned to Australia, undertaking the joint duties of palæontologist to the Australian Museum and to the geological survey of New South Wales, which he held till the end of last year, when he succeeded Dr. Ramsay as curator of the Australian Museum. At their next meeting the Royal Society of N.S.W. will present the Clarke medal to Messrs. Etheridge and Jack for their investigations into Australian geology, to our knowledge of which none have made larger contributions. Besides half a dozen bulky volumes, Mr. Etheridge has published a hundred and fifty papers on scientific topics. Most of these deal with fossils of which few men, certainly none south of the equator, possess so profound a knowledge. The ethnology of the Australian blacks is another subject on which Mr. Etheridge ranks as a high authority. In his new office, his science will have full scope.

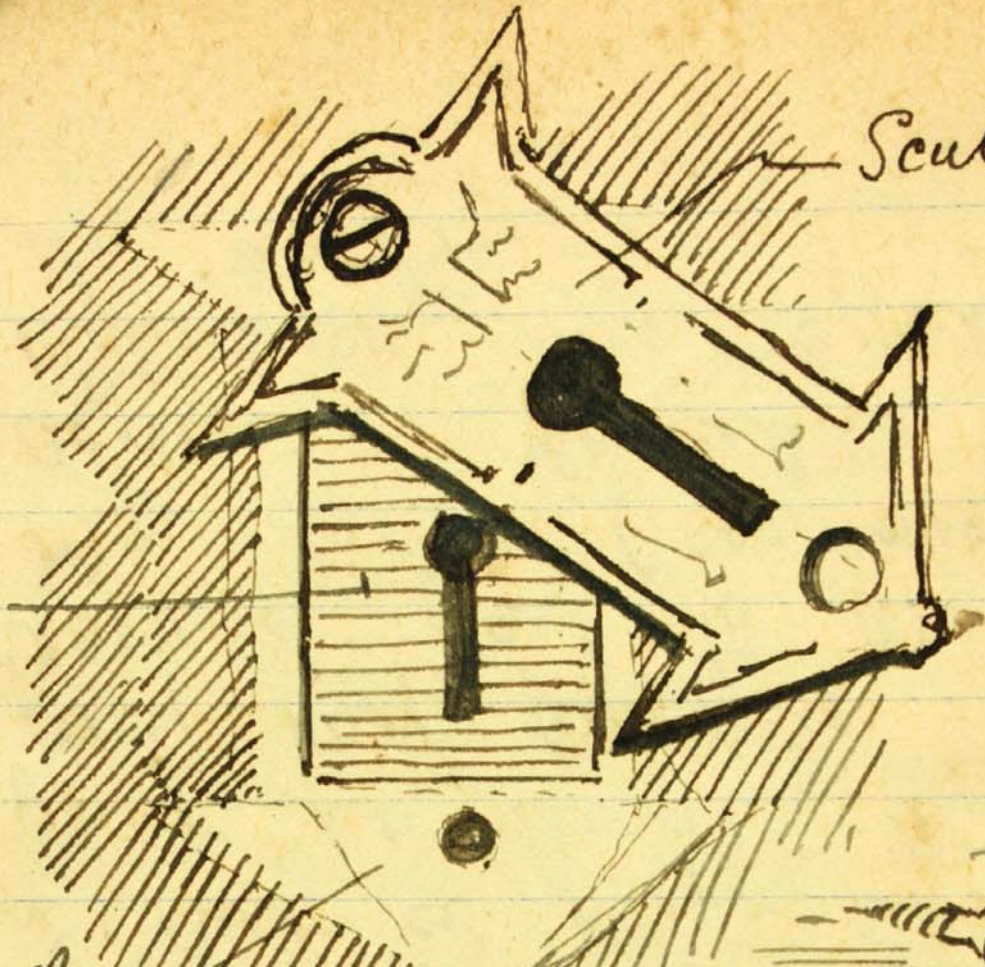
11. Fri. wrote my paper
on dusts and posted
it and a letter to
the Aust. Ass. Adv. Sci.
in Brisbane. Took
the Maps and the
Guiches to the Museum.
Mr Forde called &
introduced her to
Etheridge. Spent the
evening in packing,
& securing the house.
After the windows had
been screwed up &
turned to the doors.
The back has a bolt
& can be wedged in.
By going out at the
front we could only
secure that by the

ordinary American
lock which would
perhaps be fitted by
one or two out of
every 12 keys. I
therefore amused my-
self as follows:—
Moving aside the
scutcheon by removing
a screw, I fitted
a small sheet of
metal out of which
I cut a key-hole
just so small that
any key passing it
would fail to reach
the lever. (see over.)
Against forcible
entrance one could
do nothing.

Metal
plate
sunk.

Scutcheon

Bed of
Scutcheon



A small
screw driven, (hidden
under the gas meter)
is all that is requisite
to open the door, in
addition to the key -

12 Sat Mrs Lancaster
asked me by Telephone
if I had decided to
go to Leura & by what

train I said "Yes"
1.30. She then asked
me to tell Mr. Craig
that she would also
go, by a later train.
Left the Museum early.
We took the 1.30 Train
and after a very slow
journey reached Leura
about 5.0. Walked to
the Palace, learnt that
the terms were £2.2.0
a week or 8/- a day.
After tea we walked
as far as the Cascades
Numbers of Martins
about the house and
no end of flies in the
bush, they are much
smaller than ordinary

flies, much colder up
here, & far easier to
breathe perhaps on account
of the rarefied air.

A man at Lawson is
noted for Snake catching
I am told that he gets
 $\frac{1}{6}$ per foot for them
13 Sun. Up early. Plenty
of Drosera in the bogs
I walked to Katoomba
and back. Returned to
breakfast after which
Rose, Miss Lancaster and
self set off for the falls.
There is very little water
but it falls a great
distance & the foot is
reached by innumerable
steps. The girls stayed

at the foot of the
first falls which I
descended to the foot
of the second. The gully
is carpeted with ferns.
Tree ferns are very
abundant and lovely.
After dinner I went
out alone essayed to
make a water - color
sketch but the colors
dried before I could
work them. Found some
boys swimming in a
pool, of which I took
due note,

14 Mon. Went out at 6.
and had a good swim.
after breakfast taking
billey and provisions

The trio set off for
the Minnie Ha, Ha,
falls. Taking the high
road Sydney to Bourke
we met two Bullock-
-teams taking bales of
wool. They had been
5 weeks on the way
having started from
Lachlan district. The
men were new at the
business & said they
would not do it again
their destination being
Sydney. Under a real
broiling sun we took
the bush road for
the falls. but got
some distance out of
our way landing at

some rifle targets.
We eventually struck
the right track and
in due course reached
the head of the falls.
The descent was made
by ladders & general
scrambling, Boiled
the billy" after which
a heavy thunder storm
came on accompanied
by rain. As it showed
no signs of abating
we had to climb un-
der difficulties, the
water sodden herbage
wetting us through
the rain above wet-
ting our upper parts
On the pathway Rose

Saw a small "Black"
snake - in the rain.
Other Reptiles were
Lizards, principally
Ampibolurus - these
I found ran until
reaching a stone when
they squatted motion-
less assimilating so
nearly that we no
doubt passed many
as in this situation
they do not move
until your hand is
within a few inches
of them, while at
the falls we saw
many Swifts? and
heard what might
have been a Boobook

The ants' nests were of fine size in the district reaching to our waists of fine sand quite smooth and hard, with a few small holes in scattered places. Took a photo of one of them with the girls - Reached home literally drenched.

15 Tues. Wet all day; being somewhat sick of the rain we decided to spend the wet in the caves so left Leura at 1.30 for Mt Victoria where we landed at 2.10. Put up at the

Manor House (Cooper's).
Raining! Raining!! Raining!!!
Cards and blankets -
Very cold

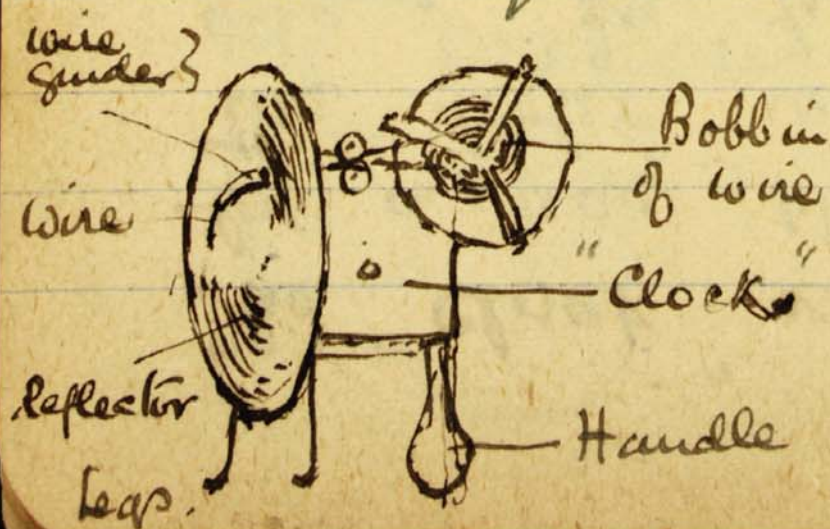
16 Wed. Left by coach
at 9.0 am, at Hartley
we saw the oldest police
station in the colony the
seat of the first convict
settlement, the route
lined with Brins and
thistles we had some
excitement despite the
rain, rival coaches had
from $\frac{1}{4}$ to $\frac{3}{4}$ hour start
and yet we passed them
all. Landed at Kelly's
half-way house 11.30
had dinner & at 1.0
started off again with

a new set of (3) horses.
which again passed them
on the road, here the
fog dispersed somewhat-
& the scenery opened-
out into wild valleys
but again clouded
up with continuous rain
so that almost all the
way any view was
obstructed by our
being veritabily in the
clouds. during some
of the breaks we
saw Wallabys squatted
on the road which
jumped upwards at our
approach, kettles and
hustles were most pro-
-fuse. some of the

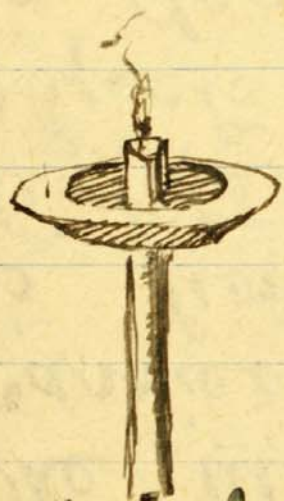
tufts reminded me of
those of England in
Autumn, rich russets
and reds. no doubt
caused by the frost
on the mountains, but
none of the Australian
trees, even here, are
deciduous. We arrived
at 2.50 just in time
to join a party for
the caves at 3.0'clock
so off we went without
lunch — As I am now
writing after the visit
to the caves was a
thing of the past I
will deal only with
generalities, Cook's
Guide giving full

particulars of each
 Show object. The show
 caves or those open
 to the public are
 fitted with electric
 light and a carbon
 light is fixed in
 those places requiring
 better illumination.
 The magnesium light
 carried by the guide
 is however the main
 lighter for special
 objects, the wire
 is drawn off the bob-
 bin by clock-work
 and passes through

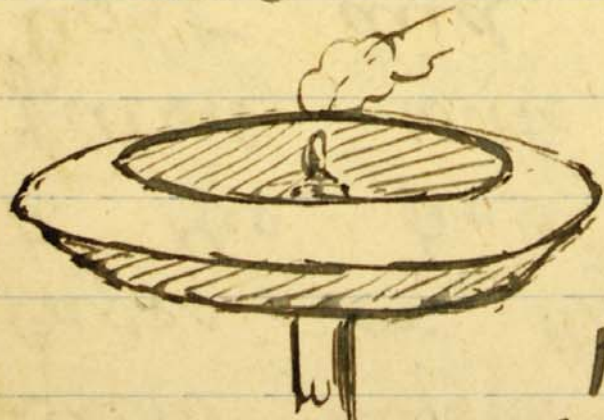
a tube
 in the
 reflector



The "clock" is stopped
by a peg whenever
the light is not in
use. In parts each
visitor requires his
candle the handle



of which is
furnished
with a
spiral spring
the light is
entirely within a
wide cup which
receives the melted
tallow and acts as



a screen
from
draughts
the candle
may be kept alight

in a strong wind
by holding it quite
towards it -

The main forms
taken by the lime
are the stalactites
and stalagmites in
part colored when
iron or some other
mineral has been
present, when such
join they are named
'columns' some of
these are formed by
the fusion of many
separate 'tites and
'mites as shown
by sections of a
column wherein



knicks are occasionally
formed of different
colors. In the new
cave where opened
in our presence
the stalactites were
terminated by a
lovely corona of
crystal, but
perhaps the
most curious
formations



are those named
"mysteries", they
are generally thin
and often long &
twist about in
a most eccentric
manner apparently
without any regard

to gravity or other
force, those below
are not exaggerated
but are remembran-
ces of forms noted

and are drawn
to show that
no order is
followed

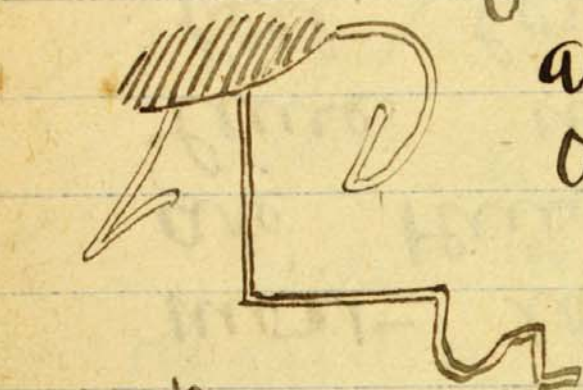
in their
arrangement

They are so
entwined that

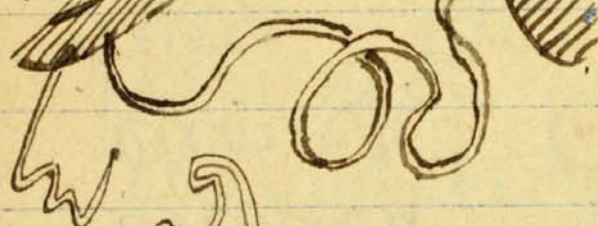
in parts it is
not easy to

follow the
multitudinous

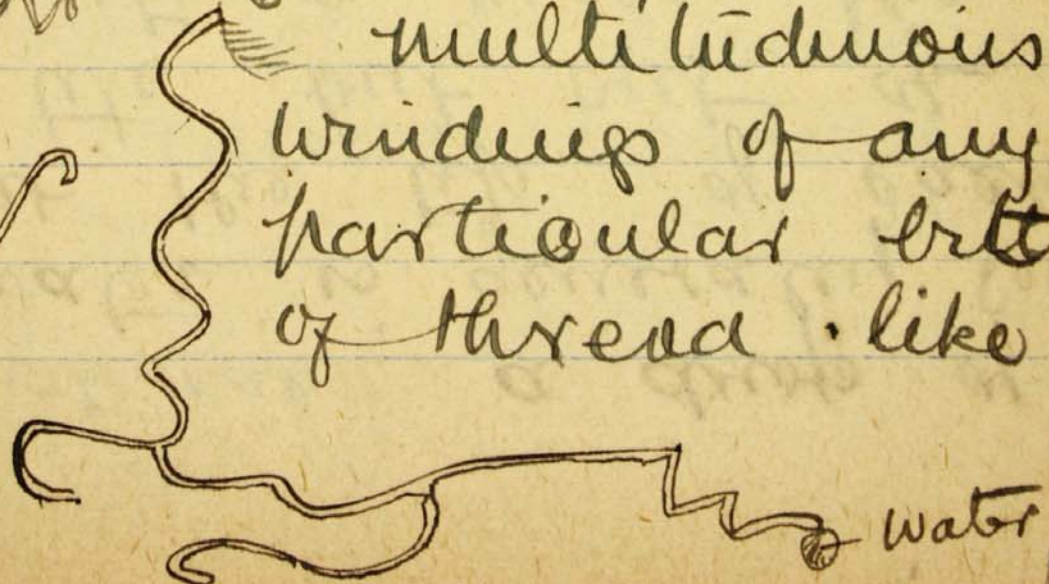
windings of any
particular bit
of thread. like



Rock



Water

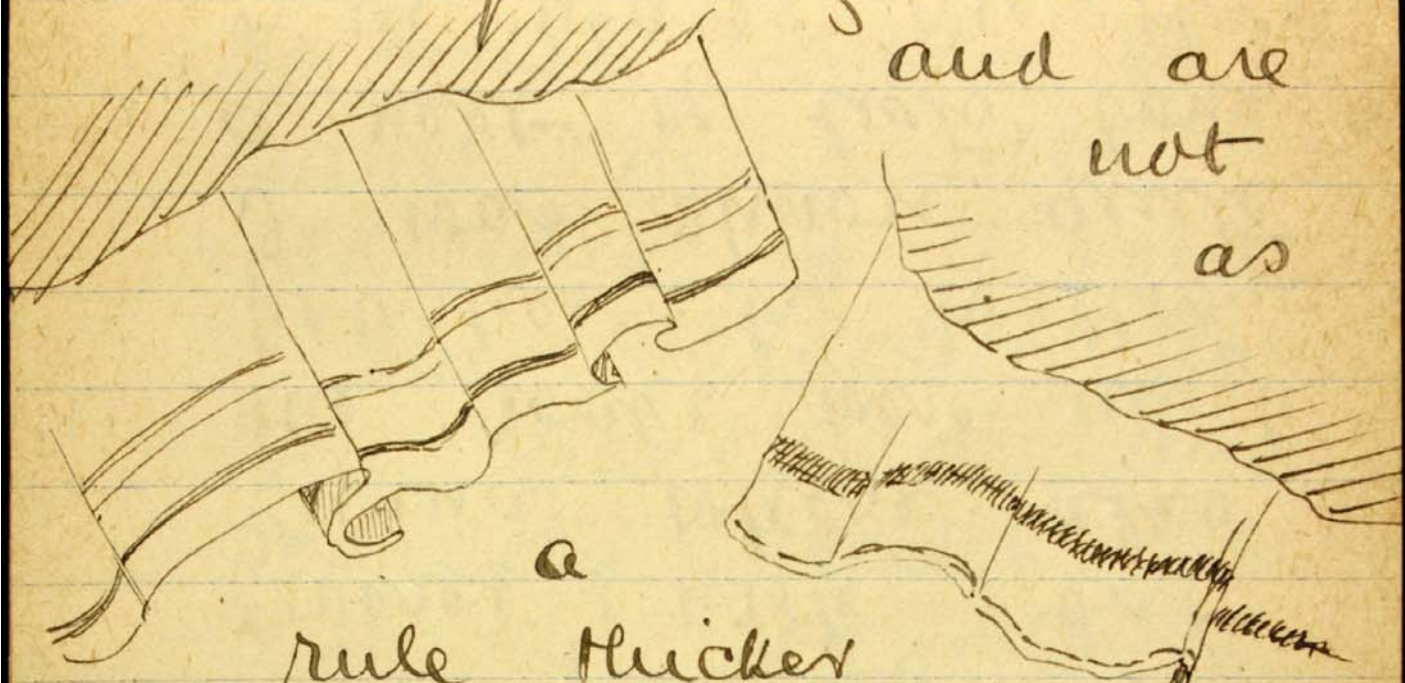


Water

material, a drop of water is generally seen at the tip of each 'tite but out of quite a mass the guide assured me that perhaps only one dropped, evaporation being rapid enough to counterbalance the slow supply.

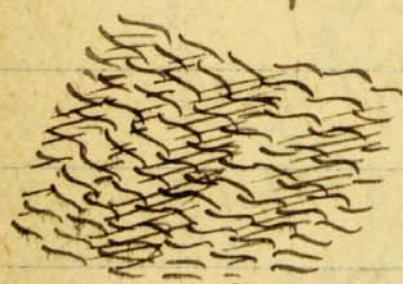
The "Shawls" are most lovely. They are thin masses of lime may be 3 feet long and 1. or two deep of even thickness, folded and colored in most distinct bands. They

always hang down
and are
not
as



a
rule thicker
than a photo: card.

There were some very
extensive and beautiful
illustrations of ripple
marks both on the
slope and horizontally



In places the
floor was formed
of a succession
of raised terraces
and in others
of a shell





pattern, some
of the stalactites
were sonorous &

The guide struck
some in succession
producing a pleasing
impression. Darkening
of the roof was in
places caused by
the smoke from the
candles or Magnesium
light while the floor
near openings was
covered with bat
guano where also
the rocks were much
polished by wallabys
I was shown quite
a nest of bats' bones
& in places the floor

was largely composed
of broken bones of
small mammals. The
additions ~~of~~ to some
of the stalactite have
been measured and
scarcely exceed $\frac{1}{8}$
inch in 40 years.
a bat's skeleton in
situ 10 years, had
a very thin coating
of lime scarcely
sufficient to be notice-
-able -

Our first visit
was from 3 to 6
in the Left Imperial
Cave. Our guide
being Voss Wiburd;
here at least we

were out of the rain
17. Thurs, 10 to 1. The
Right Imperial and
from 3 to 6, the
Lucas Cave, ^{Rose} Miss
Launcester accompan-
-ed me to all these,
we managed to get
round old Wilson
the keeper, otherwise
Jerry. and having
taken a fancy to
Miss L. at night
(9. O'clock) he took
us to the New Cave
not open to visitors
and shown to but
few, it was very
rough work not
being opened out

the Squeezes and
dangerous places
making the visit
quite exciting we
did not leave un-
til I am having
named a beautiful
recess in Alabaster
Hall the "Lancaster
Grotto". Rose did
not accompany us
on this or any
further expedition nor
to the Subterranean
river in the Right
Imperial, a pretty
effect was produced
here by placing
thin slices of
candle on the water

when they floated
down lighting up
the walls as they
went. On coming
~~18 Fri.~~ down from the
Lucas Cave we saw
numbers of *Egernia*
Cunninghami in
the rocks. I tried
to catch some but
they hung in their
crevices and always
left part of their
tails in my hand
two visitors killed
a Diamond Snake
7' 8". before I
got to it; I sent
it to the Museum
along with some

Insects.

18 Fri. we had a hard day of it somewhat too much following yesterday.

In the morning Miss L and myself visited the Nettle Cave, 9 to 1. In the afternoon I visited Wiburd and named some snakes for him he gave me a hornet's nest in a wood box.

The hornets enter the houses and burrow in anything, ornaments, bottles, boxes, shells &c.

The Wallabies are
very tame & take
Salt out of his
hand in winter. In
the Caves are blind
Spiders and in the
subterranean river
fish, popularly sup-
posed to be blind
but not so regarded
by our guide. In
the evening Miss L
myself and Jerry
again visited the
new cave, which we
did not leave till
4 am, Miss Lancas-
ter who on both
nocturnal visits
was clad in the

most necessary male
attire, was exceedingly
plucky facing the
most perilous situ-
ations infinitely bet-
ter than most men
and throwing herself
heart and soul into
the matter, I can
give no idea of the
approach to some
parts, one placed
to be crawled through
would allow the
arms to be stretched
out only while
the roof was so
low & covered with
stalactites that it
was not possible

to raise the prostrate
body more than an
inch or two from
the clump, muddy
and unyielding ground
Another opening to
be wriggled through
had a head at
half its short length
& had to be won
feet first, only
one particular pos-
ition of each arm
& leg & being per-
missible. These were
of course tedious
and fatiguing in
the extreme but
did not try the
nerves as did the

yawning chasms
to be descended
without the steps
or ladders provid-
ed in the caves
traversed by visitors
Once or twice, I
myself, felt some-
what shaky when
on a great slope
on friable matter
or slippery surface
with certain death
to follow a slip.

Our fair companion
however trusting to
the old man who
was most careful
of both of us
was safely carried

or piloted over
dangerous places
Our main object was
to obtain examples
of the material for
the Museum & we
were at length led
down a trying place
only just discovered
we then found that
Jerry had come
prepared for work.
On a previous visit
he had noted a
small aperture and
now set to work
to enlarge it with
hammer & chisel
leaving us in a
small damp place

for $1\frac{1}{2}$ hours in
which we could
not stand upright
At last he wriggled
through and then
was in a large
chamber of fine
formations. The
corona terminated
stalactites previously
mentioned abounded
here, large crystals
studded the floor.
we could at least
claim to have been
the first three ~~or~~
rather four in this
grotto for I have
not mentioned that
we were accompanied

by a young fellow
in charge of the Post-
Office at the caves.
The 'Lancaster Grotto'
also had not before
been entered by any
lady.

One evening when
going to the caves I
noticed a glow-worm
or two, I found them
by placing a finger
close to the light and
striking a match, they
(the females) were
much smaller than
those I had seen
in England. They
lay on their backs
when emitting the

'slow' Iruolan would
make a very fine
collecting ground for
an Entomologist I
should say. for we
noticed any number
of interesting things

19 Sat. The rain still
falling having not
ceased during our
visit, we should
otherwise have re-
mained longer but
mounted a coach
a coach in company
with an Adelaide
man and set off.
There was not so
much cloud as on
our outward journey

So that we saw
something more of
our surroundings
this time owing to
the heavy roads our
journey was slower
& we had, "four
in hand". Reached
the half way house
for lunch, here the
rain cleared off &
we had a pleasant
drive to Mt. Victoria
obtaining fine views
of the Kanimbla
Valley and one-tree
Mountain etc. We
did not reach the
Manor House until
5.0 So had nice

time for dinner to
catch the 6.10 train
In consequence of
the brighter aspect
of the weather the
management tried
to induce me to
remain but I was
obdurate and we
set off. We had
been glad of fire
but on passing
Pewrith the weather
became warmer &
was close & muggy
when we reached
Sydney at 10.30.

20. Sun, Raining hard
wrote to Father and
developed the few

photos I had taken,
they were more or
less fogged as I
had expected owing
to some one lighting
up in a room fac-
-ing the one wherein
I was changing the
plates

21. Mon. Bought printing
paper Called to see
Miss Lancaster and
gave her the photos
(Stereoscopic) she
had obtained. Letter
from Fanny Bowling.
Brought home the
Maps. wrote note to
Ogilby re Wallaby's
licking Salt. - Raining

22 Tues. Floods all over
the low lying lands.
Etheridge had a
letter from Cox wherein
he asked that I
might go to Lake
Macquarie Friday to
Sunday, as he and
some friends were
going live fishing
(Scarcely likely if
this weather continues.)
Hauled in for Cooksey
2 minerals from the
Caves

23 Wed. wrote Darley
asking him for spec-
imens of *Heterodontus*
to Jerry Wilson asking
him to forward the

Specimens and to
Voss Wiburd re the
collection of Nat;
Hist: Specimens, 2
bottles of spirits to
being forwarded.. A
Barnes promised to
lend me his Stereo-
plates of the Caves
he photod those sold
by him but retained
a few only. Called
at Linnear Society,
Fletcher not returned
North asked me with
regard to a plate to
illustrate his new
genus of birds. At
1.0 very suddenly
the rain and the

clouds dispersed and
the sun shone hot
for the rest of the
day in a cloudless
sky.

24. ~~Thurs.~~ Etheridge wrote
to Cox & told him
that unless urgently
needed I could not
be spared from the
Museum for Lake
Macquarie. Received
letter from Father.

25. Fri. Etheridge asked
us to Summer Hill
for Sunday afternoon.
Cox telephoned that
he would be glad
if I would go with
him & his friends

on my own account.
Having promised to
go to Summer Hill
I had "accepted an
invitation, the trip
would have cost me
£3, too much, when
following £12.16.0
for a week's holiday
Barnes lent me
his Stereo negatives
of the Caves. & I
bought packet $\frac{1}{2}$
plate P. O. P. also
a Snap-Shot Album
Bought 24 x 18 Canvas
& made outline sketch
of Rose.

26. Sat. The damp
has affected every -

thing, books & all
leather goods are
mouldy woodwork
clammy & other things
"sweating" lit a
fire for the benefit
of the piano &c. I
commenced to print
Stereo-photos, slow
work in this dark
rainy weather. Spent
most of the day in
covering "Rose's" canvas.
Being at home all
day. public holiday,
Anniversary day.
wrote to Fanny B.
in the evening.

27. ~~Mon.~~ Sun. went
to Summer Hill with

Rose, Mrs Etheridge
invited us to spend
a few days with
her at Colo Vale,
their selection Rain
again

28 Mon, Still raining
Posted letter to Fanny.
Now working at the
latest consignment
of Lord Howe Island
fishes. Bought more
P.O.P. for Stereos. 2
Sheets for 2 1/2

29. Tues. Up early and
toned 16 1/2 pl. prints.
In the evening, I
put in a little
more work at Rose's
portrait.

30 Wed. Found a further
batch of prints, letter
from Mr. Jas H Saunders.
Brewarrina via Bourke
whom we met at the
caves. Bought chest
of drawers £1-5.0
and Safe (provision.)
for 7/6. - In afternoon
Etheridge told me to
go to the Margaret St
wharf to the "Arawatta"
to meet Robt. Hoslop
who was only just
returning
from Melbourne after
delivering Dendrolagi.
Some of which, he
said, had just reached
London. He told me

that he had made
arrangements whereby
all the free kangaroos
would be taken up
at a high price for
resale in Europe. He
will be here again
from Cooktown in 3
weeks with a further
cargo of 30 all of
which are bespoke -

31. Thur. wrote to Cohen
about his boys who
have for some time
past been most an-
noying & impertinent
the clinch being
reached to day when
water was thrown
over the birds and

Rose much checked.
Darley sent some very
beach worn egg cases
of *Heterodontus*, in
replying I asked for
better specimens. I
wrote to Saunders
(see yesterday.) Saw
Fletcher who hearing
that the Tree Kan-
garoo had reached
London, at once said
it might still be
possible to include my
paper in part III.
Burton (the artist)
came in while I
was at the Linnean
& said the plates would
be ready in two

weeks which time
Fletcher would also
require, discussing
the plates I had
wanted the ground
color of the skulls
to represent bone
but as they were
to be put on the
same stone as some
"platypus" muscles
&c of Martin's much
cost & trouble would
be saved if I con-
sented to a gray-color
for the ground. I
stayed at the Museum
until 5.0. Medley
introduced me to a
Pearl grower who ^{had}

Some fine examples
with him ranging
from 0 5/- to ○ £50
or £75 according to
quality, lustre &c.
Some were quite
egg shaped - 
but the most precious
were the pure spherical
ones. Those taken from
Punnas were black
young Oysters produce
the clearest hence the
difficulty of obtaining
purity and size, the
large ones usually
becoming too opaque
purity & size may be
obtained by transferring
the pearl successively

Jan.

to young animals
a pearl of this size
 was produced in
a year, Mr. Clark
had with him some
impure examples of
great size e.g. - 
they were seldom
spherical & many were
of a yellowish hue.
Spent the evening in
papering & fitting up
the chest of drawers.

Feb.

1. Fri. Met Burton at noon, he told me that if it was still possible to tender for the plate (colored) of *Dendrolagus* he would produce it for £7. Frost, the collaborator of Lucas on the *Victorian Lizards* was at the Museum to day. North handed me the parrot, obtained on the Elder expedition decided to be a new genus, as I had promised to draw the wing, the generic distinction being an elongate and spatulate third primary.

Feb.

- 2 Sat. Met Fletcher & told him what Burton had said about the *Dendrolagus* plate.
- 3 Sun. wrote to Father and drew the terminal feathers of the wing of North's new genus of birds - (see the 1st.)
- 4 Mon. Gave the drawing to North. Having half day holiday for the Cricket match (4th test) I took Rose when we witnessed the last man of the English team go out, the score being 65 whereas Australia had made 285. The Englishman went in

again & we saw them
all out for 72, They
were therefore heavily
beaten. Letter from
father by the English
mail which in usual
course should have
been last Thursday.

5 Tues. Took "late week"
for Cooksey. Bought
2 doz bronze ^{handles} for Bird
Cabinet 3/- & polish.
Spent the evening in
polishing some of the
20 drawers untouched
since

6 Wed. Received and
corrected proof of the
Deudrolagus paper &
wrote to Fletcher re

the plates. Wrote to
Uncle Banks and
continued the polishing.
The rain which has
scarcely ceased since
~~were~~ we were at the
caves culminated to
day in a phenomenal
downpour, Rushcutters'
Creek overflowed its
banks; a circumstance
we had not before
seen & covered the
Chinamen's gardens
no doubt doing much
damage in its rushing
course. Hedley said
it was an example
of true tropical
rain -

7 Thurs, Commenced to
put some notes on
the Egg Case of the
Heterodontidae together
which will probably
form my next paper.
Took home the only
2 striped forms we
have which are
probably of *H. galeatus*.

8 Fri An English Mail
brought the January
"Naturalist" and a
post card from Father.
Augus & Robertson's
sent me two books
of the Fisheries
Exhibition but not
the ones I ordered
I therefore returned

them and shall have
~~to~~ wait another 3
months. Made outline
sketches of the two
'Shark's Eggs. One
only had the stripes
apparently perfect
each being exactly
90 inches in length.
Catley the Sec: at the
Zoo called to tell
me that they had a
large snake with a
yellow head which
no one knew.

9. Sat. At the Museum
all day took home
Egg of *H. philippi*.
& in the evening I
made careful pencil

- drawing of both forms.
- 10 Sun. All morning drawing egg case of *C. galeatus*, in the afternoon Paterson called to say that he had intended staying to tea with the girls. but having the boy with him —! The girls viz the Misses Lancaster & Buckleton came also asked leave to bring a Mr. Taylor from New York had a short walk before tea, & they remained the evening with us —
11. Mon. Posted letter to Uncle Banks and

returned proof of the
Dendrolagus paper -

Bought 2 sheets of
P. O. P 24- for stereos

Went to the zoo in
the afternoon found
the snake to be an

Aspidites but could
not say the species

without examination
it had some black

on the head. Drew

C galeatus egg case
using for both, the
brush and pencil -

12 Dec. Finished both
the drawings. and
worked at the paper

13 Wed. Received and returned proof of Aspidites paper. We asked Mr. & Mrs. North for Friday. Took Rose to the Lyceum to see "Sowing the wind" got "The Needles" a drawing Father sent me, reframed in gilt by- & gave it to "Young Barnes" for a wedding present.

14 Thur. The English mail brought newspaper only. met Bowling in town he is going to live at Mauley for a change. Shaw also called, at the Museum, and told

me that the Bank
are going to close
the Newtown branch -
he may therefore be
drafted off elsewhere
at the end of the month.
In the evening I made
some lantern slides
from the Jenolan Caves
negatives of Barnes's.

15 Fri. Cooksey asked us
for Wednesday next.
Mr. & Mrs. North here in
the evening. Paterson
looked in later and
I went to Craighend
with him. He lent
me Zola's "Downfall"
& Muddock's "Stormlight".

16 Sat Received proof
of Boulenger's Syphlops
waitii corrected and
returned. Went to
the Zoo with Rose in
the afternoon examined
the living Aspidites &
found it to agree in
all particulars with
our two Ramsayi's
Took a few negatives
which I developed in
the evening.

17 Sun. Reading all day
except to finish letter
to Father & to take
Rose for a walk to
the Bay.

18 Mon. Turned up
at the Museum at

6. am to assist in removing the Skeleton of the Sperm Whale although I was ill very bilious. went to bed early.

19 Tues We went with the North's to Cooksey's to dinner.

20. Wed. Rainbows, much to his annoyance had his M.S on the Spiders' webs returned to him from the A. Adv Sci. as they will print the title only, I suggested that ~~his~~ should send the article to "Cosmos" - sent him a copy.

In the evening we
went to Shaw's and
talked over his in-
pending changes at
the Bank. He had
had 2 complete copies
of the Australian
Picturesque Atlas in
parts published at
£10-10.0 & now
had offer of a
third, each set had
cost him only 12/6
& as he offered me
one at this figure
I naturally took him
at his word and
brought the heavy
package home (in
the train). As

Whitelegge had to
attend the Luncheon
Council meeting, I
stayed until 5.0

21 Thue. English Mail
brought a very long
letter from Father,
and one from Wilfrid
who enclosed P. O
£4. 10.0, ~~less~~ being
the £5 returned
less cost of Flute
music & sufficient
to buy a book, he
not now being in
the straits he had
previously feared.

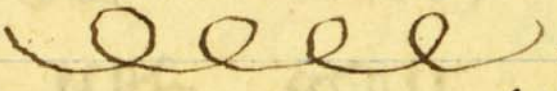
22 Fri. Received proofs
of Dendrolagus and
Aspidites, the repro-

duction was bad, Moreover one of the former was printed upside down & the Malar-construction spaces not tinted with the ground color, the latter had been copied to $\frac{1}{2}$ instead of $\frac{2}{3}$ the original drawing & must therefore be redone. pointed these out to Fletcher on whom I called, this will still further delay part iii.

A man called at the Museum, to see me, I found he had some black-and-white mice, They were from Japan and until very recently

were unknown elsewhere.
Their peculiarity is
that they are continually
turning round & round
at great speed, not
making a large circle
but spinning on them-
selves so that they
could perform under a
tumbler, He had more
than a dozen and at
times 3 or 4 but more
frequently 2 would
round head to tail
at such a speed that
all form is lost to
the eye when more
than 2 spin the extra
ones generally turn
outside the others and

frequently in an opposite direction, and others may be waltzing by themselves in another part of the cage. There was no waiting to see them spin there were constantly at work. They had not been trained but commenced to turn as soon as they could walk. Taken out of the cage and placed on the floor no attempt was made to escape. I saw that they could move in a straight line if they went very slowly. Even then the head was jerked from side to side

in a spasmodic manner.
Should I need be an
object the mouse could
or do this by turning
& then make no progress
i.e. if it turned for 10
minute (a common thing)
it would scarcely have
passed the area of a
cup plate, twirling in
one spot and not
so . It
appeared that the most
favorite direction was
the reverse one  but
occasionally one would
go with the clock. Mr.
Haley, the owner told
me that they could
be kept in a cardboard

box. If they made a
snaw at any part they
would in a second or
two have to waltz &
so did not make much
headway. In one part
of the playground, a
peg had been stuck
round this was the
favorite position, it just
looked at though they
were attached to the peg
which was being rapidly
twiddled. Mr. Haley regarded



them, evidently
as a new species
but to me it
was perfectly
evident that they had
parallel peculiarities with

tumbler pigeons and
could no more help
waltzing than the
tumbler can, tumbling.
I gladly accepted his
invitation to visit him
& in the evening I
took Rose to "Rita Villa
Livingstone Rd Mar-
-rickville, Here we
saw large numbers of
the mice in all stages.
Mr. Haley is a Bradford
man, independent and
met with these mice
9 months ago, having
obtained a single pair
from a friend who
had just returned from
Japan, They bred

on the voyage to Australia but the young died, all the others had been reared since landing. He promised to give me some and insisted on leaving them at the museum tomorrow. Out of the stock two Cream ones had been produced, these had pink irides, in all the others which were black & white the irides were dark. Although not all regularly



marked the sketch shows

the general disposition
of colot.

23 Sat. True to promise
out Yorkshire friend
left for me 6 half
grown mice (I think
2 ♂ and 4 ♀). In
the afternoon I constructed
apartments for them.

24 Sun. Two years this
date since we left
England. Spent afternoon
in the Art Gallery and
Botanic Gardens.

25 Mon. Heard that Hislop
had arrived in the
"Centra" from the North
& arranged to see his
Dendrolagi tomorrow.
Made drawing of the

South head light from
the picturesque atlas
part 4. in W color
got money - order cashed.
Addressed some wrappers
to send reprints away
in.

26 Tues. With North and
Thorpe I visited the
Cintra & saw Hislop
he has 12 Dendrolagus
in coops, all bennettianus
nearly all were squatted
with their tails beneath
them. Hislop gave me
an invitation to re-
turn to the Bloomfield
River with him, he
may not be going for
some weeks yet.

Feb. March.

Returned books to Pater-
son whom I did not
see. Bought a cookery
book for Rose. Lucas
called to see me.

27 Wed: Ioned a batch
of Senolan prints.

28 Thur, wrote to Father.
Pay day. My deposit
at the Savings Bank
having reached £200
the maximum sum
on which interest is
allowed, I opened a
new account in the
joint names of Rose
and myself. Fearfully
hot day a regular
sunnoun blowing. Bought
a scythe & stone 5/6.

March.

1. Fri. An English mail brought a letter from Wilfrid in which he told of the death of Mr Bowling which occurred on Jan 23rd. Bought 2 books 2/6 each viz. Poulton's "Colors of Minerals & a Grammar of Lithography, wrote to Wilfrid. who had enclosed Linnean Soc receipt for 1894 although Father had not at the time received the money from Branson. Paid

Gas Bill £ 1. 5. 8.

Etheridge told me
that the one or two
Zyphlops obtained by
the expedition into
Central Australia
would be sent to
me by Spencer for
determination.

2 Sat. Skuse not being
well asked me to take
his day at the
Museum which I
did. Medley came
to tea & spent the
evening with us.

3 Sun. wrote to Fanny
a letter of sympathy
on the death of her
mother. Drafted

an article on the
waltzing mice with
the idea of sending
it to "Natural Science"
or other publication.

4 Mon. Postal output
to England, letters to
Father, Wilfrid, Belle,
Fanny & Sellars of
Keighley enclosing 2/-
for Machine Needles &
also a sketch of the
South head light to
Herbert. Shaw called
to tell me that he
had been ordered to
Melbourne to obtain
instructions as to his
future position he
seems to imagine that

he will be sent to
Western Australia, he
leaves here on Friday.

Bought a little book
for 6^d on English fishes.

5. Tues. Bought Stereoscope
2/6. The fearful hot
muggy weather culmina-
ted in rain & Thunder
Storm this evening.

All Sydney is excited
over the final English
Australian test Cricket
match now being played
at Melbourne.

6. Wed. Grimsbow sent
a living egg of *Cestracion*
galeatus. Framed my
colored drawing of the
Tree Kangaroo. it now

being no use for London
as I see that Beddard
has commenced on the
anatomy and some one
will be certain to publish
plates soon. Bought
Cabinet cards to mount
stereos on, some of the
prints I cut.

- 7 Thur, English Mail in
Letters from Father, Fanny,
Boulenger wrote re the
Dules argenteus recorded
in my "Maroubra fishes"
+ Günther sent some
old reprints as an
acknowledgement viz:—
"a new Ray. R. eatonii."
"Pachymetopon + Pimalepterus."
"Scorpaena prondosa sk. neri."

2 "Deep Sea Fauna - Britani."

Whitelegge spent the evening with us -

8. Fri. Returned Barnes' negatives of Denolan, he lent me some more stereo negatives Miss.

Launcester telephoned to tell me that there was a moonlight picnic this evening. I called round at Liverpool St.

At 7.30 all met at the Mauby Quay viz Miss L & Miss Buckleton Paterson, Miss Hopcraft Rose & self - Steamer crowded - Up Paramatta river to opposite Gladesville where we

alighted for an hour
The rowing club grounds
were lit up with paper
lanterns & an amateur
concert given also
refreshments. It was
beautiful on the water
passing the several
inlets & the various
jetties we reached
the Circular Quay at
10.45 The trip - the
refreshments & concert
included costing 2/-
each -

9 Sat: Afternoon, printing,
toning and mounting
Stereo of Teedean
Wellington Cave district
& bits 'bout Bondi

10 Sun: Printing stereos
toned 2 batches (18
each) and mounted
in the evening. In
the afternoon we
visited Mr Forde, the
property has just
been sold Dr & Mrs
the Misses Morgan
go to Gouldburn, but
Mrs Forde will seek
quarters in Sydney
The Australian Lepi-
-doptera literature will
be sent to the Museum
on Wednesday when
Mrs Forde will also
place in my hands
some papers on Mam-
-mals by her late

Father, These are
to be at my own
disposal entirely.

11. Mon. Skuse, who is
now preserving larvae.
told me that he would
like some British ones
whereupon I suggested
that the Museum should
take mine in exchange
say for a copy of
"Scott's" Lepidoptera? I
received from Blades'

8. examples of their
Colored litho. work.

Raining moderately
this morning I could
not help noticing
23 Swallows on the
telegraph wires

March.

every one of them
facing the rain.

12 Tues. Received letter
from Grassham written
Jan 8th from Fort
St James, Stuart's Lake
via Quesnelle. B. Columbia.

13 Wed. Received papers
on Mammals from Mr
Scott per Skuse. Letter
from Father, he had
drawn on Branson
for £ 7. 3. 6 disbursed
as follows:—

Alice's present 4/6

less 1/6 in hand 7. 0

Linnæan Soc 1894 3. 0. 0

Star Insurance

3. 17. 6 less 1/- cost. 3. 16. 6

£. 7. 3. 6

He also sent a blank indexed book. Received February "Naturalist." Hedley told me that a friend, in reading Grant Allen's "Science in Arcady" had come across some note on the P. J. Shark egg.

14. Thur. Hedley brought the book I wrote at my paper on Cestracion's eggs mentioning this reference. Read over part of Mrs Forde's (A. W. Scott's M.S.) papers & wrote her informing her that the M.S. was at this date of very little value, I

received revised proof
of Dendrolagus and
Aspidites plates, called
on Fletcher & growled
about the bad lettering
& figuring mine having
been erased & others
substituted

15 Fri Finished the paper
on "Egg-cases of Port
Jackson Sharks."

16 Sat. Commenced to alter
the $\frac{1}{2}$ plate camera in
order to adapt it to
stereoscopic work with
one, the Ross' Lens. Mr
Mrs & Jessie Walker spent
the afternoon & evening
with us. Early in the
morning we learnt that

The Governor died last evening & arranged to go to the funeral at Waverley with the Walkers tomorrow 17 Sun. Died early, Rose & I walked to Waverley, trams being crowded, called at Palmyra Ter: Walker himself only accompanied us to the Waverley Cemetery, Exposed half a dozen, $\frac{1}{4}$ plates in the Rover, which I developed at night. Wrote to Father and to Blades.

18 Mon. Printed & fixed photos and posted them to the "Daily Graphic" also a "Daily Telegraph".

Finished alterations to
Camera for Stereoscopic
work.

19 Tues. Looked out a
few preserved larvae for
Skuse (see 11th) he saw
Etheridge who sanctioned
the exchange. Mr Down
came over from Woolwich

20. Wed. Made drawing of
the interior of the egg-
case of *H. philippi* -

21 Thur. English mail in-
Letter "and Beautiful Britain"
from father. Letter from
Brausea also a letter &
packet addressed to Lyons
of myself. Letter from
Chadwick. Cameron, the
diver brought me the

egg of *H. galeatus* con
taining a young one, the
yolk sac nearly absorbed
This will necessitate the
amendment of the
paper. Spent all the
evening in selecting the
larvae pupae & imagoes
for Skuse. Etheridge
told me that some one
was trying to make un-
pleasantness in the Museum.
"Some one" upon being
promised that no questions
should be asked told him
that the following had
been set about. "Etheridge
was nobody with the
trustees, the real Curator
was "Mr. Waite".

Etheridge was as much
amused as I & asked
me to keep eyes & ears
open but say nothing.
he had narrowed his sus-
picious down to J. viz
Trausay, Skene, & H. Barnes.
he promised to make it
hot for the author of
the unpleasantness.

22 Fri wrote to Rouleuger
re the Dules (Kukhia)
argenteus. altered my
Heterodontus paper to
include latest evidence
packed it up also the
plates & wrote to Secs:
of the Linnean Soc:
left letter & parcel from
Braunson with Paterson

23 Sat. "Went through"
the Karwas &c with
Skuse & valued them
at £5, particulars later
On duty at Museum
until 5 being my late
week wrote to Grassham
to send photos of Rose
and Self

24 Sun. In the afternoon
we went to see Mr
Huley, "the Mouse Man"
at Marrickville. Took
the Rover and exposed
a plate on his pony.

25 Mon. Postal output:-
Letter & package to the
Cunean Soc: Letter &
photos to R Grassham.
Letters to Miss Roebuck
and Miss Thorpe (Roses).

Cut some stereo prints
Left an advert with
the Herald for Tuesday's
& Saturday issues.

WANTED to Buy, detached COTTAGE or HOUSE, 4
to 6 rooms, eastern suburbs. Price to George, Herald.

Mr Etheridge visited
Rose in the morning.

26 Tues. Went to the
Macleay Museum in the
afternoon to see the
type of *Dendrolagus*
bennettianus of which
there are 3 examples
♂. ♀ & juv. On my
way I called in at
Horderus and bought
a joiners bench for
£1-12-6 & Screwdriver
1/10 - Then to the

Technical College and
had an hour with
Ellingworth who showed
me some of his recent
work, beautiful examples
of animal & figure
modelling. Received pt
3 of the Linnican Soc's
(N.S.W.) proceedings
containing my paper
on Dendrolagus. as
with Maroubra fishes
~~they~~ have suffered
the plates in the
reproduction

27 Wed. Finished paper on
"Waltzing Mice" and wrote
to Editor, "Natural Science"
asking him to "place" the
the paper for me, if he

did not deem it
suitable for his own
journal. I was called
down at to Museum to
see a Mr. Hodgson of
Leeds. Found Sydney
Hodgson awaiting me.
Consumption was written
on his face, he said
he was not well and
left home for South
Africa, finding this
did not agree with him
he came to Sydney
where he has been for
6 weeks. or rather to
escape the great heat
went to the mountains
finding my name in
the visitors book at

the Manor House where
he stayed he was
reminded of my being
in Sydney & therefore
called to day. Asked
him to Fallowfield for
Friday next. Received
pt 4 of the Proc: of
the Linnæan Soc: con-
-taining my paper on
aspidites Ramsayi. At
8.0 I attended the
(annual) meeting of the
Linnæan Soc: paid my
subscription for the
year 1895 and received
reprints of Dendrolaque
paper together with 50
extra copies to be paid
for at printers' rates

Lucas gave me reprint
of his "preliminary
notice new hazard from
C. Aust". Roy Soc: Vic=
While I was out Miss
Lancaster called and
said Paterson, the
girls, and others were
going to Woy Woy on
Sunday for fishing
purposes. Would we
go also? Arranged for
me to see Paterson.

The following cutting
from to-day's "Telegraph"
shows how a newspaper
man can construe
"matter" out of a
very simple affair
"Adventure" "1/2 an inch"

astonished "viper" to are
the words used to
make it sensational -

A SNAKE IN A BAG.

Mr. N. F. Giblin, official assignee in bankruptcy, had a mild snake adventure a couple of days ago. On Monday morning as he was leaving his residence, at Chatswood, to come into the city, he picked up his leather bag, containing official papers, for the purpose of putting in another batch of documents. To his surprise, he discovered that the article was tenanted by a snake. To snap the bag again was, it is needless to say, the work of a moment. The interesting parcel was brought on to town. Curious people were allowed to inspect the reptile while the bag was held open to the extent of about half an inch, and the general opinion of amateur connoisseurs of these interesting vermin was that it was of the deadly black snake species. Ultimately, Mr. Giblin submitted the bag and its contents to Mr. Waite, of the Museum. After a careful glimpse of the capture, Mr. Waite put in his hand, caught the creature by the scruff of the neck, and drew the astonished viper out, remarking "This is a green tree snake, perfectly harmless, but a remarkably perfect specimen." He was very pleased to obtain possession of it. The Government, it appears, are having models made of the different kinds of indigenous snakes for the State schools, so that the rising generation may be taught to distinguish between the venomous and non-venomous kinds, and this was one of the sorts that was particularly wanted. Mr. Giblin's residence is very close to the bush, and it is supposed that the snake, which was 2ft. 6in. in length, entered the house to escape pursuit by a cat or some other enemy.

The account also appeared in the "Herald" as below:—

ably reproduced.

A SNAKE IN A BRIEF BAG.—Chancery-square is not without its snake story, and unlike many snake stories this one has the merit of being true. One of the officers of the Bankruptcy Court happens to live at Chatswood, on the North Shore railway, and it also happens that he is accustomed to carry to and from his home a brief bag. This bag he carried home with him on Saturday last. On the Monday morning, as he was preparing for his journey to the city, he noticed that the bag was partly open, and ensconced therein was what appeared to be a snake. Imagining that a practical joke had been perpetrated, he was about to remove what he thought was a dead snake, when, to his horror, he saw signs of life. The glimpses he had had of the reptile were not sufficient to enable him to comprehend the precise species to which it belonged, and, as he does not pretend to any expertness in the handling of snakes, he determined to carry the bag with the intruder to the city. This was done, and on the snake being sent to the Museum for examination by an expert it was pronounced to be an excellent specimen of the green-tree snake, 2ft. 6in. in length, and non-venomous, which, in view of the fact that a collection of models of reptiles is now in preparation, was most welcome.

I told Etheridge that Bray would be sure to read "excellent" for "large" and rush into print.

28 Thurs. Called at the
"Herald" and got 23
letters in reply to my
advt sent a post card
& asked them to add
"state price" to advt in
Saturday's issue. Went
to see Paterson at his
Office decided that Woy
Woy was too costly. I
arranged to call in the
evening Did so at
"Craigend" but he was out
So went to see Olliff
in his new above "Greta"
found him on the Veran-
-dah much improved. I
Called at 22 Bayswater
Road & took Rose home
She had been with the

March

Misses Lancaster and
Buckleton. Made up
some reprints for the
post. The bench arrived.
Prediction re Bray:—

THE GREEN TREE SNAKE.

Mr. James S. Bray, naturalist, writes:—
“The paragraph in yesterday's ‘Daily Telegraph’ referring to the above snake is somewhat misleading as far as the official information supplied to your journal is concerned. The reading would make it appear that a snake of this kind 2ft. 6in. in length was a fine sample. That is not so. The green tree snake (*Deudrophis punctulata*) attains a length of 6ft. One I caught and presented to the Australian Museum some 25 years ago while the late Gerard Krefft was curator, measured 6ft. 2in. in length. Almost everyone living near to the bush and having much greenery around their home will have this snake as an occasional visitor or resident. It is harmless, and can be handled without the reptile offering to bite, unless roughly taken hold of. It is one of the prettiest of our non-venomous snakes, and when alarmed or in anger has the habit of ‘puffing up’ or swelling out the whole of the body, disclosing along its whole length a series of silvery white markings. This snake can always be recognised through its habit of ‘vertically swelling’ out the body, while in the case of venomous reptiles they ‘flatten out’ the body sideways. The green tree snake is as frequently to be met with on the ground as on trees, and of all our snakes it is the smartest and most difficult to secure alive. Another feature in this snake is that the green tree snake, to the ordinary observer of our snake life, would appear to be of the venomous order, by reason of having a similar number of plates on its head as that in the case of a venomous reptile, hence comes the difficulty, to non-scientific persons, of recognising by this means a venomous from a non-venomous snake.”

29 Fri. Hodgson did not turn up. Made a "T" square & fitted wedge to trying plane.

30 Sat. Spent afternoon at Waverley looking at Cottages in response to the advertisement but saw nothing that would suit us. After tea I roamed through Paddington with like results.

31 Sun Took 3.15 boat to Woolwich. The "Mag" which had been promised to us was caught by a rat trap last Thursday & is so very severely crippled that she can do little

March. April.

more than stand
falling over to her
side if walking is
attempted, however we
took her home - Her
name will have to be
changed as "Mag" is
the name of "Our Mag"
as Rose says. Boural
was her native place.
~~She has a very long body with many~~
~~long narrow lobes on the~~
~~distal end of the abdomen, this~~
~~marked -~~ When I give
Mag a hairy larva
she rubs it into the
dust or sand but is
evidently annoyed by
the hairs which she seeks
to remove in this way

April:

1. Mon. Whitelegge who spent yesterday at Maroubra as usual reported that "Bill" Hardy, a half witted fellow whom I always met there had been missing since Wed: & continued search was unavailing. While Whitelegge was collecting wood to boil the Billy he came across the body, in a fearful state, some of them went to Cogee for the police who removed the ghastly object.

April

Posted letters to Father
also Deurolagus reprint
& "Daily Telegraph" with
account of "a Snake in
a bag". Sent reprint
& paper on "Waltzing"
nice to "Natural Science"
also letter to Editor.

Received reprints of
Aspidites paper. In
the evening I placed
the lame Mag with
the Thrush although
not a third its size
it was most valiant
& unhesitatingly attacked
the Magpie. The latter
being so weak on its
legs was bowled over
at each onslaught

this further emboldened
+ as the Mag was
with difficulty able
to regain its legs I
had to take it away.
Rose called at Herald
Office for letters in
reply to Saturday's
adv- + received 19-
Rhodes who had been
seen by Down called
at the Museum, he
had a cottage for
sale at Summer Hill.
Made up the exchange
in Lepidoptera to
£ 5 - 10 - 7. to receive
Scotto's Lepidoptera II
+ Richardson's Fishes
Erebus Terror (see Mch 23).

2 Tues: . Ogilby gave
me reprints of many
of his papers & in
the evening I made
a start to arrange
my numerous pamphlets.

3 Wed. Joned prints
early in the morning
I took home & placed
with the Thrush, a
Gymnodactylus platinus.
although approaching
very close it did not
attack it. Mag on
the other hand through
the narrow wire netting
managed to reach the
lecko with her beak
whereupon it gave
vent to a loud noise

moved its position & opened its mouth in the menacing manner previously mentioned of this species. At the board meeting, yesterday the exchange was sanctioned.

4. On leaving the Museum I went to North Shore in answer to a letter re a cottage, hence to Oatley & Cahill where I arranged to go on Sat when they would drive me to various cottages at Mosman's Bay. I bought a small easel on my way to the boat for 2/6.

5 Fri Received "Scott's
 Lepidoptera Vol II. £3
 & Richardson's Fishes £2
 in exchange for my
 insects as follows:

142, larvae @ 6 ²	3. 11. 0
62, pupae @ 2 ²	10. 4
141, imagoes @ 3 ²	1. 15. 3
(see "Book 1." p 321.).	<u>£ 5. 16. 7</u>

Made a bracket for Rose
 in the evening. Skuse
 gave me some pamphlets
 including a set of his
 Diptera of Australia
 Made up reprints of
 Aspidites and also some
 of Dendrolagus for
 the post

b. Sat. After dinner
I took Rose to North
Shore where as ar-
-ranged we called
at Oatley & Cahill's, the
Estate agents. We
were driven to Mossman's
Bay and inspected
several cottages price
about £500 to £550.
We reduced the number
of possibilities to two
either of which would
suit us admirably. I
called on Paterson in
the evening and if
not otherwise engaged
he will trot over
with me tomorrow.
First met his mother.

7. Sun. Called upon
Patterson, but he had
arranged to take his
mother up the Lane
Cove River & invited
us to accompany them -
Took the 3.15 boat to
Fig Tree Wharf & had
tea with the Suberts.
Mr. Subert will let
me know the next
Sunday he goes outside
the heads fishing.
Inviting me to be
one of the party -
If possible Patterson
will give me an
afternoon this week
to visit the houses
at Mossman Bay

8. Mon. wrote to
Addyman re the non-
acknowledgment of
previous reprints sent to
the Leeds Nat: Club
& posted reprints of
Aspidites paper. On
my asking, Etheridge
gave me reprints of
some of his voluminous
writings. Paterson
telephoned at 4.30
& together we went
to Mossman's Bay
& inspected the house
that had taken our
fancy. His experience
enabled him to detect
several imperfections
which decided me to

leave the place alone.
Perhaps the best plan
is deciding on Massman
will be to rent some
place & look round.
Paterson returned with
me to "Fallowfield."

9. Tues. The Chestnut
breasted finches had
as I thought being
playing at egg laying
and sitting on 5. but
to-day two were hatched
showing they were in
earnest. We received
the 1894 Vol. of the
Mem. Soc. zoologique
de France & at p 63
was a note on the
dancing mice further

referring to a previous
paper in "Feuille de
Jeune Naturalistes" for
1893 wherein was a
full account of the
mice from which in
many respects mine
might have been copied
so identical were
they in matter and
observation. I shall
have to decide whether
to withdraw my
article or to send a
post-script. North
gave me a number
of reprints of his
papers 24. The rest
he did not have in
duplicate remaining.

April.

gave Le bihang, the artist who has been painting at the Museum 3/- for 2 photographs of Night Heron and Painted Snipe respectively. Looking through the Macropodidae as I have been doing for some time past I decided that one, labelled *M. stigmaticus* was quite distinct from the species. To day I worked at it & found it to be *M. coxeni* Gray. a species not known to be in our collections.

10 Wed. wrote a
P. S. to the paper
on Waltzing mice
drawing attention to
the fact that the
mice were not so
unknown in literature
as I had supposed.
Two years to day
since we landed in
Sydney. and last-
Sunday was the 3rd
anniversary of our
wedding day —
Four young Waltzing mice
born to day —

11. Thur. half-holiday
bought a Redhead
& Diamond Sparrow as
company for the two

April.

solitary one in the
Avairy also a pair
of Chestnut eared Finches
(. . . Castanotis) 4/-
for the lot. Bought a
triple hand glass for
Rose. birthday on the
13th. Got Brown suit
dyed 8/-.

12 Good Friday. Very
showery, made and
fitted-up drawer for
the bench, to contain
nails, screws &c - Did
some household work
for Rose, a second
waltzing mouse gave
birth to six. Further
notes will be kept in
"Book No. 1" p 303 -

Finished the evening
by mounting a host
of accumulated Photos.

AMS 587/35

[202].

