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69

Book. No. - 46.

1900.

June 1st to

1901.

August. 31st

Edgar A. Waite.

Australian Museum.

1900.

June -

1. Fri.

On Cowan Creek,
Had a day's fishing
& obtained half-a-
dozen small Red Bream
at this age, they
have distinct vertical
bars, a feature I
was unaware of. Sent
Birds obtained and
the Diamonded Snake
to the Museum.

2. Sat.

Took boat out &
obtained some ferns
etc. Returned by
4.42 train after a
long climb.

3. Sun.

Planted fenus etc brought
from Cowan. Hellawell,
& his wife came to
tea.

4 Mon.

Received letter with
draft £200 from Dad
Spaid money into the
Savings Bank. Acknow²
Receipt to be sent next
mail.

5. Tues.

tried casting of Phil
May's 'old man' but
had insufficient gel-
-tin

6. Wed.

At an hours notice
Went aboard 'Thetis'

with Fishery Commissioners
to retest Electric fish
trap after the usual
oysters and "blow-out"
dinner we anchored
in Watson's Bay. When
trap was set ready
electric connection failed
& we returned without
putting it overboard -
Want asked me to
National Park to see
Marine Hatchery for
Saturday.

7. Thurs.

After getting a further
supply of gelatin I
again tried casting
but the clay walls
burst and I had a
pretty mess.

8. Fri

With Paterson went to see "Picafore". Wrote occasional note on *Cygnosoma pringlei* for the "Records".

9. Sat.

Left by 8.30 boat in pouring rain picked up Etheridge at the Museum and met at Redfern Wait and Brodie whom we did not expect. Took train to National Park, then drove to the river where we boarded waits' kerosene launch. Then we had a brilliant four miles. Additional

to the rain, the boat
cast up at the bows
a volume of water
which the drawing wind
blew against us like
shot from a gun. We
left the launch by a
rowing boat saw what
in the rain was pos-
sible of the hatchery
& returned, bad drives
with Want & caught
5.14 train home from
Loftus.

10 Sun.

Wrote to Father and
sent joint Prov. note
for £380. being total
amount due to him.
Made Plaster frame
around Phil May's "Old
Man".

11. Mon.

Received papers from Miller and letters from Jordan & Starks by American mail.
While Rose went to see 'Singapore,' I commenced to copy in clay Phil May's 'old man'.

12 Tues.

wrote Kemp re Bees
for Paterson. Letter
from Wildhine giving
cost of building from
contractor as below.

Masonry - Trickwork	125.	0.	0
Carpenter & finishing.	197.	0.	0
Plumbing - Gas fitting	37.	10.	0
	359.	10.	0
Mantels grates etc.	12.	0.	0
	371.	10.	0

13. wed.

In working through frogs recently received from West Aust. I believe I got a new Notaden

14 Thurs

Fred Shaw called. it is 5 years since I have seen him. I asked him to dinner on Tuesday. Finished modelling Phil May's "Old man" while Rose went to the "Twoli".

15 Fri.

Saw Wilshire re the building and asked him to prepare the specification.

16 Sat.

Late duty at Museum.

19 Sun.

Being wet I made
zinc casting for the
photo. washing trays
made May —.

18 Mon.

Handed over to Henry
Barnes for casting in
Gelatin my model
of the "Old Man".

By the death of Dr.
Belisario yesterday, we
lost another Trustee -
Saw Wilshire & arranged
final points in building.
The mason has applied
for usual water supply
in building and a
start will probably
be made next week.

19 Tues.

Fred Shaw to dinner

20. Wed.

Barnes cast my "Old man" in gelatin but spoilt the shape of his nose. Rec'd letter from Nellie Beale and receipt from Star Ass. Co. Commenced a medallion of Rose but had not much clay.

21. Thurs.

Took plaster cast of 'old man' from the gelatin mould Paid Municipal rate £2.18.9.
nightman to June 30. '17-

22. ~~Wed.~~ Fri.

Remained in town & stayed late for Hedley.

Went to see "Pirates"
with Paterson, Whitelegg
& others.

23. Sat.

Sent copy of 'Records'
No 7 to Dr. Vause. Tele-
to Wilshire, he will send
me Specification etc on
Monday.

24. Sun.

Not well to-day. Cut
grass & did a bit of
weeding.

25. Mon. Letter from Kemp
re Bees I sent it to
Paterson. Received plan
specification & amended
cost of building from
Wilshire as below,-

Brickwork etc	£ 125. 0
Carpenter etc.	203. 10

Plumber.	37. 10.
Sundries.	
Mantels & grates}	12. 0.
Architect -	18. 0
	£ 396. 0

wrote to Father, received letter from Spencer to point out that Megatherium gigas had been recorded by him from Alice Springs. I replied asking him not to take it too much to heart!! was ill today

26 Tues.

Not well. did not go to Museum till afternoon wrote to Roebuck & Walker (at King of Denmark Hotel Copenhagen -)

Received 'Blue print'
of plan from Wilshire -
asked Mr & Mrs Rainbow
for Sunday. Letter
from Father enclosing
duplicate of draft.

27 wed.

Wilshire saw me at the
Museum & I made
some alterations in the
specification. When I
reached home found
that a commencement
had been made by
connecting water pipes.
the Cat will therefore
soon be out of the
bag, even the possession
of the land being un-
suspected by any of
our neighbours.

28 Thurs.

Wrote to Jordan and to
U.S. Nat. Mus.

29. Fri.

Wrote to Starks (U.S.A.)
& while Rose went to
the Theatre 'Woman & wife'
I took Claude to Fred
Murrell's -

30 Sat.

wrote W.L. Chadwick &
in the afternoon called
on Hedley, together we
looked over the new
houses he has built.

July

1 Sun.

Rainbow & his wife
came after dinner
& spent the evening
with us.

July.

2 Mon

Posted reprints of papers published in pt 7 of the "Records". Several cart loads of stone & some of sand and lime were to day put on the land, so that an actual start has now been made.

3. Tues.

Bought incandescent gas burner & "harp" etc. 22/- Received gas &c £1-12-5.

4. Wed.

Heavy rain rendering mason's work impossible.

5 Thurs

Still raining, the new dam in connection

with the reclamation
of the bay has yielded
to the pressure of the
storm water and will
have, in part, to be
rebuilt. Left stem of
gas 'harp' to be lengthened

6. Fri.

Letter from Paterson
enclosing cheque, cost
of Bees from Kemp (50/-)
to whom I wrote & 10/-
for 3 ducks against
which I owe 5/- for
Rose's teeth - The masons
got to work again in
a desultory way. - inter-
mittent rain -

7 Sat

Asked Paterson to tea
on Friday -

8. Sun.

Took 'Rover' down to the beach & exposed a few plates. In the afternoon we called on the Cookseys.

9. Mon.

Paid £2.0.0 to Hagon Bros on behalf of Keup. Fixed the new incandescent gas light in the dining room during my own plumbing

10 Tues.

Letter from father. He tells me that Gurnell died 3 years ago & that 'Billy' Asquith had just been buried. Made wire carriers for shade for gas - burner.

11 Wed
Saw 'American Naturalist'
May No.
it contains Jordan's
note of the Thetis
fishes, a very nice
one!!

12 Thurs.

Went over the stone-
work of the building
with Wilshire - if the
weather keeps fine the
foundation will be
finished in a week.

13 Fri.

Paterson came to tea &
made some suggestions
as to the building.

14 Sat.

wrote Wilshire re some
of Paterson's suggestions.

15. Sun.

Went to see Reeks, in
the morning.

16. Mon.

Asked Paterson to secure
me 50 Walla Walla
(Lead + Silver) shares, @
10/- Sent photo. of
Galapagos Tortoises 'Rotumah'
& "Wueslow," copulating. to
Rothschild.

17. Tues.

Paid gas-bill £1. 12. 5

20 Fri.

Heavy rains yesterday
& to-day prevented the
Masons from working.
Saw Shire. he showed
me color proof of the
fourth and final
sheet of Mammals.

21. Sat.

Being my week on
late duty spent the
afternoon at Museum.
wrote to Father.

22 Sun.

Wet Having a small
oscillating cylinder I
fitted up an engine
& had it working by
a temporary boiler,
greatly amusing Claude.

23 Mon.

Bought small anvil
'Sale' price 4/q. Drill
Chuck 4/6 & twist drills.

24 Tues.

Letter from Father
Bought Sheet Copper
with which to make
a steam boiler.

25. wed.

Fred Murrell came in
the evening I cut
sheet copper, (which
I found to be very
thick) for boiler.

26. Thurs.

got Will Thorpe to
hammer over ends
for boiler & bought
taps safety valve etc.

27. Fri.

Removed gas bracket
in workshop & hung
pendant in centre
of the shop. Turned
Chuck & fitted the
Universal Drill Chuck
to lathe. Paid Mr
Widohine £20 on Ac
of certificate for £25.

28. Sat

Allau went home to dinner with me & brought bellows adapted to blow-pipe. Drilled & riveted cylinder for boiler but failed in attempting to braze. Fitted up a bunsen burner for which I had bought parts.

29 Sun.

Called on Redneau in morning & afterward worked at boiler-making.

30

Mon. Stonework of house finished, some bricks on the ground. Called to see Jackson but he was out.

21. Tues.

Paid Wilshire £ 5.
balance of first
certificate Took her
dining room lamp
to Reeks, Miss Swindell
having bought it &
shade complete for 15/-

August.

1. Wed.

work on the building
is at a standstill
a nice famine, due
to bad weather in
the country.

2. Thurs.

On reaching home I
found that carpenters
had been, placed a
bench across Murrell's
gates & hauled a piece
of board across. In
the evening I heard
them being respectively
removed by my
neighbour.

3. Fri

Letter from Kemp, he
anticipates being in

Sydney next month.
I was yesterday bitten
by a 'bulldog' ant.
The pain which at
the time was intense
has not yet gone.

4 Sat

wrote to Father. Rode
to Lougerville in the
afternoon, but Paterson
was away.

5. Sun.

In the morning Reek's
children came bringing
a model locomotive &
after dinner we visited
the Kemps -

6 Mon.

Bank holiday. Four
bags of lime having

been delivered, the
labourer mixed sand
mortar.

7. Tues.

Letter from Father
Fred Murrell spent
the evening in my
workshop with me.

8. Wed.

Paid £3. 15. 0 for 50
Walla-Walla shanes
being 1/- on application
& 6²/- on allotment.

Bought 4" circular
saw 2/10 and inquired
terms of classes in
turnery at Technical
College -

9. Thurs.

Attended meeting to in-
augurate a Naturalists'

Club but declined a proffered seat on the Council.

10. Fri:

Bought incandescent Gas burner for workshop 9/-. Included in a small collection of fish by Thompson of Lord Howe Is., is a fine Novacula which I believe to be new.

Rose went with the Hellawells to see the "Rose of Persia".

11. Sat.

Took late duty for Whitelegge his father-in law being ill.

12. Sun.

In afternoon called on

The Hellawells & all
went to Chowder Bay
to see the 'Brighton'
stranded on the beach.

13 Mon.

Invitation from Paterson
for Sunday next.

14 Tues.

Called on Keig for
Mrs Perry's 2 alumina
lenses. Left for sale -

15 wed.

Letter from Fanny
Bowling. Made stand
for the copper boiler
fitting it with gas
(bunsen) burner.

16 Thurs.

Fitted-up Circular Saw
for lathes withdrew
£33. for building -

17 Fri.

Adapted Mr. Perry's wide
angle lens to Camera
in order to try to
photo. 'Headwiley'

19. Sun.

We all went to dinner
with Paterson at Longueville.

20. Mon.

Letter from Sapsford
reminding me of the
Snake article for
Wragg's Almanac -
Introduced Hedley to Rae
the former wishing to
buy, the latter to
sell, a house -

21. Tues.

wrote Father, selected
books from new list
of duplicate Museum

works, a number to complete exchange with British insects, having already had some.

22 Wed

Received letter from Dad re calculation of interest wh. however he had reckoned from a wrong date.

Went to Technical College & arranged to commence Turnery classes Friday 31st.

23 Thurs.

Shue brought me finished sheet of Aunt Mammals also due to Etheridge who wrote him an appreciative note - Wrote Sapsford

Commenced drawing of
the new *Novaculichthys*.

24 Fri.

~~Paid~~ L went with
Hollowell to the Tivoli
"Billy Barlow"

25. Sat.

Asked the Hollowells &
Rowlings for Sunday
week - Commenced the
article "Snakes" for
Bragg's Almanac. Rae
came in the evening,
told me he had sold
his house to Healey.
Arranged for a ride
tomorrow morning.

26. Sun.

Drizzling rain in the
morning. but had a
run with Rae and

Nikunson in afternoon
riding beyond Chatswood
got home just as it
commenced to rain
rather heavily.

27. Mon.

Finished drawing of
the new fish which
I found to be an
Inistiis, possibly I.
nudicorpus a species
however unfigured.

28. Tues.

Commenced to write on
Inistiis. Drawings are
in future to be sent
to Morgan & Kidd for
reproduction. Calotype
plate here costing £9.
in London 2.10.0 Half
tone work here 2/-

in London 8³⁴ per week -

24 wed.

Hoyle sent me paper published in 1891, on Cataloguing in Museums thus my paper on the Card Catalogue System is anticipated.

Attended Cunean Soc. meeting.

31. Mr Paid Wilesire £50 & Garden Water 10/- Attended Turnery class 7. to 9. pm.

September.

1. Sat

Bought some turnery tools & fitted new treadle to lathe

2 Sun.

The Hellawells & the Rowleys to tea.

3. Mon.

Received Scrip of the 50 Walla Walla shares No.

Wrote to Father and attended meeting of Naturalists' Club.

4 Tues.

Lunched with Paterson wrote on Snakes for Bragg's Almanac

5. Wed.

Letter from Slater

acknowledging paper on
West Aust fishes and
supplying reference to
Ichthyophamus. Wrote
further on snakes.

6. Thurs

Letters from Father &
Walker (Gothenburg).
Museum exchange of
duplicate books passed.

7. Fri.

One of my two Silver
eyes (*Zosterops strenuus*)
brought from Lord
Howe Is in 1898, died
to-day. Attended the
turnery class.

8. Sat

Took photo of the
Sheet of Mammals.
Took down part of

rockery in bush-house
it having proved to
be too 'dry.' Set a
hen on 11 eggs.

9. Sun.

Partially rebuilt the
rockery dismantled
yesterday.

10. Mon.

Went to Horderus &
looked at Mantels &
grates etc.

11. Tues.

Hedley gave me a
cheque, much to my
surprise, for £5. 5. 0
as commission for
the introduction of
Rae's house of which
he had made a good
bargain.

12. Wed.

Went to see Macleay's type of *Acanthias* (*Squalus*) megalops & made drawing of a young *Hemicyllium modestus*. Günth -

13. Thurs.

wrote to Dad enclosing photo of Sheet up Mammals. Rose wrote to S. P. O London in respect to letter re Savages Bank at Deptford written 20 May but no reply received -

14 Fri

Paid £40 to Wilshire (£10 to Mason & £30 to Carpenters) Attended

turnery class. put
on to chock-work.

15 Sat

Post card from Father
written from Redcar.

16 Sun.

Had arranged with
Wilshire for a whole
day ride to Bay
View, rain in the
morning cleared off
& after dinner rode
to Narrabeen & back
(with Wilshire & Crossman)

17 Mon

American mail brought
letter from U. S. Nat
Museum, announcing
that Bulletin No 47
(4 vols) would be
sent to me, Aekt

from Starks & Library
Bureau. The slater
commenced work on
the roof -

18 Tues.

Went to Train & Co
& selected (in part)
Mantels etc.

19 wed.

Again visited Train &
& completed selection
the total, (exclusive of
kitchen stove) £12. 13. 0
Packed up Sheet of
Mammals for U. S. Nat
Museum and wrote -
Letter from Manchester.
Aunt Longbotham
asking for repayment
of £50. Wrote promising
for this mail plus

£1. 3. 6. interest to [40] end of October. My finances now stand as below.

Loan &c.	£
Dr. to Father	380.
. . . A/cnt.	150
	<u>£.530</u>

A.	New House &c.	
	Tenders etc.	£396. 0. 0
	Extra roof & floor back Verandah }	3. 0. 0
	Mantels, above }	13. 0.
	Architects' allowance }	
	Kitchen stove?	3. 0. 0
	Extra stonework.	
		<u>402. 13. 0</u>

Cr.	Paid to date.	<u>145. 0. 0</u>
	In Bank -	335. 0. 0
	less to A/cnt.	51. 3. 6
		<u>283. 16. 6</u>
	402. 13. 0	
	<u>145.</u>	
	257. 15. 0	
	To Cr. 26. 3. 6.	

20 Thurs.

Answered Advt. for Gun
in exchange for Bike -

21 Fri.

Posted article "Snakes"
to Sapsford & Co, for
"Wragg's Almanac". I
withdrew £50 from Bank
obtained Bank of England
Notes from Middleton.

M	57188	-	£20. 0. 0
V	61580	-	10. 0. 0
K	71299	-	10. 0. 0
E	89180	-	5. 0. 0
H	65760	-	5. 0. 0
			5. 0. 0

Obtained M.O.f 1. 3. 6
& sent the lot to my
Aunt. Registered Receipt
No 3(?)146. Attended
Turnery Class & ansd

Advt "gun wanted"
Offering mine for £5
with case & fittings. £6.
(to Forbes).

22. Sat.

Lent my (English) $\frac{1}{2}$
plate Camera & Ross'
lens to Paterson. In
the afternoon Kemp
& his wife came and
spent the evening -

23 Sun.

Rode with Wilshire &
Crossman to Bay View
& back (about 40 miles).
On arrival we took
a boat & pulled over
Piltwater, lunched &
sheltered during rain
& rode home in fairly
fine weather.

24 Mon.

Saw Taylor & give him information tendered by Creed as to Scotland Island which Taylor has just bought for £1250. The Government intend to resume it (so Creed says) for an infirmary home -

Advertiser who offered Bike for gun called & saw latter and I arrange to see the Bike tomorrow. Planted some ferns brought home yesterday. Met to day, no progress with the building -

25. Tues.

Letter from Forbes

offering me £5 for
gun, case, wading
tools cartridges etc
& me to pay carriage.
Replied, would accept
£5. 10.0 throw in
game bag, cartridge
bag & all appliances,
purchaser to pay
carriage - my week
on late duty. Call
of 3² per share due
Oct 10 on Walla-
Walla nine. Farwell
brought fossils from
Lord Howe Is. The
collection includes one
or two new Records.

27. Thurs.

Letter from T. Logue,
Forbes asking me to

take £5 for gun and
all accessories, purchaser
to pay carriage. Ac-
cepted terms by letter.

Tried browning gun
with Sulph. Copper 1oz
Sweet spirits nitre 1oz.
Water 20 oz. to be left
on overnight. Saw
Brodie & frohes brought
from Lord Howe Is
for the Dept. As these
are, as before, to be
sent to Ogilby I asked
Etheridge to intervene.

28. Fri.

The browning of the
gun quite satisfactory
After washing with
boiling Water & little
potass I gave it a

thin coat, while hot,
of French polish.
Withdrew £40 & paid
it over to Wilshire -
~~at night~~ had tea
in town, went with
Paterson & party of 30
to see 'What happened
to Jones' funny, but
not equal to 'Charlie's
Aunt'.

29. Sat.

Received P.O £5. 4. 0
from Lozell, Forbes, for
gun & carriage. Sent
it off by rail (5/-) the
leather-case, loading
tools, cartridge & game
bag, cartridges, wine
cases & all accessories
included.

Paid 16/2 for renewal
of Fire policy & receipt
for 6/11 interim on new
policy for £300. On
late duty. Etheridge
showed me notice of
question to be asked
by Norton in the house
Is the Minister aware
if members of the
Museum staff are
doing work for private
individuals? Is the
Curator aware of this?
Etheridge thinks this
may refer to the
sheet of Snakes or
Mammals. My reply
was. We are not
under the Public
Service Board & not

therefore subject to
their conditions - Wrote
to Father. Plasterers
have nearly finished
the first ceiling coat
in all the rooms -
The eggs set on the
8th are now hatching.

30. Sun.

Worked all day at the
flockery and at night
Wilshire came in for
Arnica having severely
strained his wrist by
a fall from the bike.

October.

1. Mon.

Public holiday 8-hour day. Put in whole time on the rockery.

2. Tues.

Obtained boat tickets for Rose & self. Paid 1st call on Walla W- Shares of 3^2 = 126. Letters from Father & Roebuck. attended meeting of Nat. Club.

3. Wed.

Took afternoon "off" with Rose & Claude to the Circus.

4. Thurs.

Sent 3 sets of the Mammals to Father 1 for himself 1 for

Leeds Nat. Club & I
for School Board or
trade purposes.

5. Fri. attended Turnery Class.
Bought flowers & seeds
Zinnia, Portulaca Poppy
Amaranthus. Marigold.
Sunflower Browallia etc

6. Sat.

Completed rebuilding the
rockery.

7. Sun. P

Planted ferns brought
from Bay View in
the new rockery. In
afternoon Katie & Bessie
Hoppercraft came.

8. Mon.

Took my Funafuti
Report to be $\frac{1}{2}$ -bound.
At 7.30 Rae called &

we left with our bikes
by the 8.0 boat from
the time we arrived
at the Quay 8.20 &
returning by the 10.0
boat we had covered
14 miles, riding to
Dulwich Hill & back
by the Parramatta
Road, Full moon -
Cherry called during
my absence. Wrote
to Roebrick, & sent to
him Philatelic envelopes.

9. Tues.

In response to my
request (see Sep 27)
re Lord Howe Island
fishes we received
the Fishery Departt
examples for determina-

- ation & found some further new records among them.

10. wed.

Received covers for several years, of the 'Naturalist' drew a foetus of Squalus megalops for same plate as Nemiscyllium modestum.

11. Thurs.

Bought 12 feet of armoured garden hose 9/6. Brodie telephoned that Want had invited me to join a party of the Amateur Fishermen's Association to the Fish Hatchery at Port Hacking. Sat-

12. Fri.

Attended turnery class
doing 'plate' work -
Commenced drawing
of Muraenichthys howensis.

13. Sat.

Left by 9.40 train
for National Park with
Brodie & others, drove
to the river & Kaptcha
launch, picking up
Want & Curtis we
went to the hatchery
& returned to Wants'
house to dinner.

Brodie told me that
by some mistake a
sum had been put
on our estimates for
a book on fishes -
He intends to ask

Cox to apply for
his to remain &
ask me to prepare
a semi popular work.

14 Sun.

Spent morning in
repotting plants, the
Wellawells came to
tea -

15. Mon.

wrote to father, put
down provisionally,
dates for holidays

Nov 12-17. Dec. 10-22 -

finished drawing of the
Monacanthus.

16. Tues.

Paid Train & Co £ 5
on ac of Mantels etc.
Gas ac. £ 2. 1. 10 -
Water 13/8. Letter

from Father.

17. Wed.

Etheridge told me that he had again received information that Norton would ask the name of the officer who had done private work & its nature. He gave my name and "a sheet of drawings" although he believes that Grant is the man aimed at.

18. Thurs.

Having promised to fill a meeting of the Nat. Club. in March and having chosen Sharks of N.S.W. I obtained from Etheridge per.

mission to make lantern slides from Museum negatives taken from the real articles.

19. Fri.

Withdrew from Bank & paid to Wilsline £100 being £20, Plumber £80, Carpenter. At night I attended the turnery class. a 12 in bread-board.

20. Sat.

Joined Rose & Claude at 2.15 boat to Longueville. Weather fearfully oppressive hot - dust - laden wind. We have now had three or four days of it - To-day 97.5°

Fridays Telegraph.

THE HOTTEST DAY OF THE SEASON.

An extensive monsoonal disturbance which spread over the colony yesterday resulted in a great change in the meteorological conditions. Instead of cool southerly breezes and bright crisp weather, hot northerly winds and dull hazy weather prevailed. The clouds were electrically charged, and thunderstorms were frequent, though none were accompanied by rain. The change was very marked at Sydney. Very light north-westerly and westerly airs were experienced, and the temperature actually rose to 86 degrees, being 22 degrees higher than the previous day's record. This is the highest reading recorded so far this season. In the country there was also a decided rise. Bourke reported 98.5 degrees, Wilcannia 95 degrees, Hay 94.8 degrees, Wentworth 94 degrees, Dubbo 91 degrees, Moruya 90 degrees, and Wollongong 90 degrees.

Saturdays Telegraph.

THE HEAT WAVE.

SCORCHING WESTERLIES.

A TEMPERATURE OF 97.5.

THE OCTOBER RECORDS.

Saturday was the hottest day of the season. The maximum temperature was 97.5.

A fierce scorching westerly swept the city. There was intense heat everywhere. In the streets, in the office, and in the house, the air was mercilessly oppressive. Mr. Russell, when seen, stated that it was almost a record so far as heat goes for the month of October. The Observatory records, covering a period of 42 years, only contain two readings for October that beat Saturday's figures. On October 24, 1867, the thermometer went up to 98.1, and on October 19, 1898, the record was 99.7.

On Thursday last the wind at Sydney came away from the westward, and the temperature climbed up to 86 degrees, an advance of about 20 degrees on the previous day's record. Then on Friday the wind being still westerly the thermometer reached 85.2, a fairly trying measure of heat. On Saturday the temperature took another big rise, and, as stated, reached 97.5. The morning, said Mr. Russell, began well, being fairly cool, with the thermometer at 57.5 as a minimum. At 9 a.m. the wind was light from the eastward, and the temperature only 68.2. At 11.30 the wind shifted to north-west, and the temperature began to rise rapidly. From the very start the wind was strong, the velocity being some 25 miles an hour for the first hour. Later it developed into a howling gale, and between 2 and 2.30 recorded 38 miles an hour, with fierce gusts which reached as high a velocity as 54 miles an hour. As for dust, it was everywhere, and thick enough to obscure almost everything. All the afternoon the temperature was over 90 degrees, and the sun set without appreciable relief. It was not till 3.30 a.m. yesterday that a light southerly air came up, accompanied by a few drops of rain which cooled the air. This change only lasted a couple of hours, but it managed to bring the temperature down to 68 degrees. At 7.30 a.m. the wind worked back to north-west, so that at 9 o'clock the thermometer was at 80.8 degrees. At 10 o'clock the wind changed to south-west, and varied between south-west and west-south-west for the rest of the day. Though not so strong as on Saturday, it proved fairly boisterous during the afternoon, and the temperature got up to 90 degrees. Then a change to the southward brought a welcome relief, and last night it was fairly cool, with indications of rain.

Sydney was lightly treated in comparison with the far West. There the conditions were simply awful, and under the influence of the scorching westerly winds everything that was green died and withered away like as if a fire had swept over the country. Indeed, fires have been raging at many parts of the colony. Wanaaring reported on Saturday evening:—"Dust storm from west all day. At 4 p.m. very strong gale. Thermometer, 104 degrees. Now cloudy and close." At Bourke the temperature reached 105 on Saturday, and Walgett recorded 103 degrees. Telegrams received last night showed that the heat wave still continued.

22. Mon.

Selected negatives of
Sharks for Lantern
Slides. And at night
while Rose went to
the theatre 'La Tosca'
(Nance O'Neil) I made
carriers for Lantern
plates.

23. Tues.

Made Reducing frame
for whole plate to
lantern size. With
my 'Rose', the distance
is 24 inches. from
negative to lens.

Finished drawing of
Apogon norfolcensis.

Plasterers finished
telephone train & co to
send Mantels, etc.

24 . Wed.

Copied at noon (the Museum) six negatives and developed the lantern plates in the evening. 20 seconds is the exposure. Post Card from Father -

25 . Thurs.

Made further lantern slides of Sharks' Rays. Father sent a child's book for Claude it was given to Claude Banks by his father in 1869.

26 . Fri.

Attended turnery class, Bread board 12 inches.

27 . Sat.

Commenced drawing

of Upeneus pleurostigma
Watering the garden
after a scorching day
as a southerly came
up I noticed a Case-
moth on the electric
cable midway between
2 posts which are 80
feet apart. It had
climbed a post and
had half accomplished
its journey which must
have seemed monotonous
and unending. The
southerly gave it a
tremendous shaking but
failed to dislodge it.
Developed lantern
plates at night.

28 Sun.

Made framework of a
linen press in the
kitchen mounted some
of the lantern slides

29. Mon.

Letter from Jordan
who had just returned
from Japan. Worked
at drawing of *Uroenus*
pleurostigma wrote to
Father.

30. Tues. (see 29th).

~~Letter from Jordan, he
has just returned fr.
Japan I was sending
his "Check List" and
other papers. Made
some more lantern
slides of Sharks.~~

31 Wed.

Letters from Chadwick &
Father. Had tea with
Rainbow then went to
Linnean Soc.

November.

1. Thurs.

Took negatives of book illustrations and my own drawings of sharks. Made & mounted some lantern slides.

2 Fri

Received from Sapsford proof of paper on snakes for 'Wrages' Almanac. Paid £25 to Wilshire - Train to fix'd the mantels. Had tea at Dr Gros's then attended the turnery class.

3. Sat.

Paid water rate for new property 3/9. This has been provisionally

assessed at £45 which
supposes a rental of
£52, the same basis
as "Headwifey". On
late duty made 15
negatives & positives
~~which~~ on development
at night 11 proved
to be all right.

4. Sun.

Jackson came in the
afternoon, made drying
rack for lantern-slates
printed positives by
contact.

5. Mon.

Paid Wilshire £5.
bought new suit -
Handed chandelier &
Hall lamp to the
plumber

6. Tues.

Left by 5 pm boat
Erskine St. for the
Parramatta River with
Rose Claude & picnic
party, coming cutary
to Paterson.

7. Wed.

Made and mounted
more lantern slides.

8. Thurs.

Paid Train balance
of £1c for Mantels,
the receipt being for
£ - Paterson
to tea at Headingley.

9. Fri.

Prince of Wales' birthday
to be celebrated Monday.
Mounted the 40th
lantern slide - Sharks.

10. Sat.

Bought "To let" notices
& put them in the
windows -

11. Sun.

In afternoon went to
Hellawells, returning
at night Rose sprained
her ankle.

12. Mon.

Public holiday, put
wires under the new
house for electric
bells - Mrs Kemp &
her 2 daughters to
tea -

13. Tues.

Commenced a week
of my annual
leave - went to
town bought Bell,

Cell pushes etc for
new cottage & in
the afternoon put
these up for final
connection when the
painters finish. Paid
12 $\frac{1}{2}$ second Walla
Walla Call. Wrote
to Dad.

14. Wed.

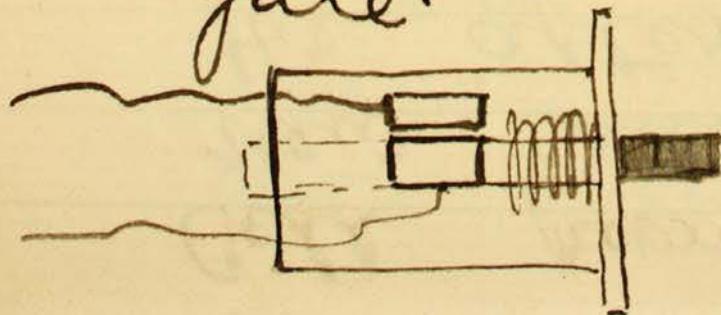
Rode to Tempe, returning
in the evening after
a scorching hot day
which culminated in
a thunder storm, but
no rain - Letter from
Father.

15 - Thurs. Removed the
Electric wire in con-
nection with the garden
gate from above the

ceilings to below the floors, the former arrangement having been unsatisfactory -

16. Fri.

The pavers at work. They all but completed enclosing the yard. Too hot for me to work outside on a southerly coming in the afternoon I worked at electric connection to gate putting a "push" on the hinge side & carrying wires in a tube beneath the gate. The previous



connection

had been in the
"opening" side and
sometimes prevented
the gate closing, this
resulted in continuous
ringing. Made a
concrete step beneath
the gate.

17. Sat.

Went to tea at the
Kemps. Rose's ankle
being much better. We
had heavy rain but
reached home fairly
dry.

18. Mon.

Rain in torrents. The
storm water overflowed
my drain & flooded
the garden carrying
away some soil -

19. Mon.

Found that the rain
of yesterday had
done much damage
to the reclamation
works. Our bridge
had been swept away
& the storm channel
had been widened
& the sand falling
in carried a large
derrick, the trans-
way & all timber
into the bay. A
new yacht costing
£100 had been driven
on to the rocks, a
12 inch water drain
was burst in two
places and the place
generally in a

pretty mess. Returned
to work after a
week's holiday - crossing
the channel on an
inclined beam -

20. Tues.

Ogilby told me that
his going to Brisbane
is now a certainty
& that he will leave
here the commencement
of the new year.

21. Wed.

Went to town at night
got medicine for Rose
who since Saturday
has suffered from
toothache, too wet
for her to go out.

22 Thurs.

Rose had the tooth

removed painlessly by
local anaesthetist. Saw
Hetcher re some frogs
Painters finished the
house

23. Fri.

Paid £63 to Wilshire
which concludes all
the contracts, leaving
the extras & £6 of
his own fee (£18).
Placed letting of the
Cottage in hands of
S. Parker - charge 5%
on first year's rent
12 months tenancy.
With Whitelegg went
to see Nance O'Neil
in Macbeth. She and
the setting were fine
not well supported!

24. Sat.

Made one panelled door for linen press
Rose ~~Mr~~ Fred Murrell
Went to see Macbeth.

25. Sun.

Made second door for,
finished and primed
the new linen press.
Saw Power re the
surface water from
'Burley' into his yard.

26. Mon.

Wrote to Father. Sent
him newspapers. Wrote
up Upeneus pleurostigma
for the "Records."

27 Tues.

Letter from Father.
Cancer has again,
after 2 years, attacked

Mrs Waite his letter
was dated Oct 24th
& she was going into
a doctor's hospital.
Wrote Dr. Vause telling
him of this. Bought
1½ dozen coat hooks &
put some up in the
evening at "Burley".
Paid 576 for Building
Tunafati Report.

28. Wed

Put up coat hooks in
new cottage, painted
linen press.

29. Thurs.

Withdrew cottage from
Agent he not having
in any way advertised
it. Put ads. in the
"Herald" and "Telegraph"

Rose had a couple
of applicants, asking 2/-
per week. years tenancy.
Saw Farwell who goes
to Lord stowe Is on
Saturday taking a key
of formal for fishes.

30. Fri.

Paid £15. 6. 0 to
Wilshire being £6.
bal. of his fee. - Extras
£8. 19. 0. Insurance 7/-
This is the final
payment. Others are
to be incurred such
as Wood Coal shed.
Soil for garden etc.

choose from, sewage.	
MOSMAN.—New Det. Cottage, 6 rooms, kit., etc., gas, water, harbor view. "Burley," this office.	
close to site of the proposed	

December.

1. Sat.

Letter from Dr. Vaux
in answer to mine
of 27th ult. Cycled to
Mudde Harbour bridge,
joined Naturalists' Club
excursion -

2. Sun.

Put more shelves into
I finally finished the
linen press -

3. Mon.

wrote interim letter
to Father. Received &
answered replies to
Adot. Cottage.

4. Tues.

On late duty this
week -

5. Wed.

Had moonlight ride
with Rae.

6. Thurs.

Letter from Aunt
Coughbotham with receipt
for £57. 3. 6, She
mentions that the
operation to Mrs. Waite
had not then Nov 1.
taken place.

7. Fri.

Prepared "To let"
boards. one 20' x 30'
intended for out
house to be seen
from the boats - the
other for the fence -
"apply within".

8. Sat. 8

on late duty. This
is my last day till
Dec. 28.th Commenced
to prepare Card Cat-
-ologue for Papers
received -



~~Professor Miall~~

PROFESSOR MIALL.

[79]

L. C. M. at Brit. Ass.

9 Sun.

Made box for Card-Catalogue cards.

10. Mon.

At home commenced Annual leave (balance)
Removed a dozen or so barrow-loads rubbish from yard of 'Burley' and generally tidied-up. Wrote to Dad.

11 Tues.

Man delivered 5 loads of soil (part of order) & I shovelled & levelled it in 'Burley' garden to receive turves. Picked a hole in the line of drain pipes and cemented an angle piece into it for.

surface drain. Rose
in town & ordered
from Train & Co, a
"Hostess" stove, £3. 10. 0

12 Wed.

Received 7 more loads
of soil & 200 turves.
The shovelling of the
former & the laying
of the latter took
me a full day of
fairly hard work. I
require more turves.

13 Thurs.

Excavated rock to
communicate with
drain. Received letter
from Father. The
operation on Mr W.
^{been performed} had ~~been performed~~ on
Nov 3rd but trouble [81]

had arisen from
"Bronchitis".

14. Fri.

Received and laid a
further 100 turves 4/-
The stove arrived &
we fitted it together
Allan came in the
evening, he leaves
tomorrow for Wyangerie.

15 Sat.

Lauding of the Governor
General. Lord Hope town
We saw the naval
procession from (removed).

17. Mon.

Went by train to Tempe
& stayed all day. My
object was to photo.
an old lady patient.
I exposed 2 1/2 plates

on her 2 on the Dr.
1 on the matron. To
day the December heat
record was beaten, it
being 104.1° in shade.
it was a dry heat
& therefore not so
bad as a damp one
of 80°.

18. Tues.

Accepted invitation fr.
Paterson for tomorrow
As a consequence of
conversation with Dr.
Vause I wrote to Father
& in view of the most
probable fatal ter-
mination of Mrs. W's
malady gave him
the first intimation
of our wish that

he should make his
home with us. In
order to ensure the
letter reaching his
hands alone I sent
it through Mr. Faber.
Made plate-wocker for
the dark-room and
developed the five
negatives, all of which
proved to be good.

19. Wed.

Dr. Vause having asked
me for photo. study
for advertising, I made
one to-day with Rose
as the model. On
development at night
found that she had
moved. Did not go to
Paterson.

20. Thurs.

went to town & left
negative of Dr. Vause
with King for retouching.
Bought new Mantle for
gas burner.

21. Fri.

To town obtained the
negative 1/6 & bought
attachment for gas.
In the afternoon I
connected with the gas
pipes, one from the
dark room which I
will light with gas.
At night made some
bromide prints from
negatives taken at
Tempe.

THE YORKSHIREMAN'S TOAST.

The Yorkshireman's toast looks at least cheerful
and good-natured on a Christmas card:-

[85]

Here's tiv us, all on us, & me too.
May we never want nowt, noan on us,
Nor me nauther!

22. Sat.

Took another photo.
of Rose for Advt.
of Mollqua: The
focussing glass of
the camera having
been twice broken.
made, and attached,
a (cedar) protector.

23. Sun.

He walked to Tempe &
by train home and
delivered prints from
the negatives, Hellawell
& Mrs H to tea.

24 Mon.

Went to town bought
gas fittings for dark
room which I fixed
in the afternoon so
that I had the tap

within & the light outside
the ruby window. Hella-
well gave me ticket
for the "Messiah."

25. Xmas Day.

wrote to Father sent
papers on Commonwealth
matters & at night
went to the "Messiah"

26. Wed.

Went to Tempe and
took photos of Mr. Vause
in various positions.

27. Thurs.

Took Rose and Claude
to Paintonine "Puss
in Boots?"

28. Fri.

Returned to Museum
found that in con-
sequence of Rainbow's

absent the celebration
week falls to me for
late duty. Cards from
Chalmers & Simpson.
Letter from Father
The patient is doing
well. (Mrs W.). Received
£3. 3. 0 from Sapsford
for Snake article for
Wrags Almanac 1901.

29 Sat.

Bought zephyr Coat for
hot weather. Made
hole through brick
wall of dark - room
with view of connecting
water from laundry.

30 Sun.

Rose wrote to G.P.O.
London re deposit in
Deptford Savings Bank.

31. Nov.

Bought muslin for
bedroom $11\frac{1}{2}$ yards.

£2. 0. 3. & two
Ceylon shirts. 12/-

Mrs Mutton came to
tea & stayed overnight.

1901..

January -

1. Tues.

Went to town and saw procession of Commonwealth celebrations a "large" day - : taking Mrs Cameron Mr Tension Woods Mrs & Mrs Hellewell to the roof of the Museum - we had heavy thunder storm on reaching home when all was over.

2. Wed.

In consequence of illness of Rainbow this week of weeks falls

to me for late duty
consequently I was
at work the whole
week. The staff had
½ day off. Leaving
Museum I joined Rose
at the Kemps to tea
When, with the two
girls we went to the
city to see the ill-
luminations

3. Thurs.

Museum holiday all
day, on leaving at
night I cut the
new lunoleum for the
bedroom.

4 Fri.

Half day holiday
At night I took
Rose & Claude to see

The harbor fireworks,
from Cremorne.

5. Sat.

Whole day off. I
saw trades union etc
procession. Reaching
home at night I
found that Rose had
let "Burley" @ 2/-
for 1 year to Frank
Loenholdt (with Weber
Lohmann & Co) He
has been married 4
months, & for the
first time is setting
up housekeeping &
buying all new.
He came to see us
in the evening -
Received gas - bill
£1. 8. 10.

6. Sun.

Laid linoleum. Saw
Coenholdt & arranged
to do sundry work
about the premises -
Spent afternoon in
Wire - netting below
back verandah. Saw
Payne & asked him
to build fuel shed.

7. Mon.

Bought 10 gas globes.
5 @ 2/3. 5 @ 9² and
piece of extending
trellis. 11/- we had
half day holiday
which I also enjoyed
but bolts on gate
finished putting up.
Coat hooks did some
painting etc.

8. Tues.

Letters from Father & Roebuck. Bought nails
from garden supply
"Nikoteen" for pests.
* picture books for
Moulding in "Burley"
Engaged man to
clean.

9. Wed.

Took whole day off
in view. Man at
work cleaning. I
put up trellis,
beneath front verandah
above power fence
* fixed trellis par-
tition with gate at
the side of the
cottage * painted
the lot, this kept

we close at work
from 7 am to dusk.
Then put up ten
gas globes & iron
register, delivered to-
day - in kitchen
chimney - Rose went
with Mrs Murrell in
the evening to join
Patersons pantomime
party. "Australis".

10. Thurs.

at home again in
lieu of day last
week. Payne commenced
to put up fuel shed.
Paid Leahy £1. 7. 6
Commission -

11. Fri.

At work. Arranged for
plumber to fix gas

meter. Loenhardt signed
agreement to date from
the 12th. They 'entered'
to day. Received proofs
of plates from Norman
& Morgan & Kidd for
my next "Record" papers.

12. Sat.

Painted name 'Burley'
on side gate & on
board for the front
made garden, drawing
on our own for
plants. Wrote Allan
Woodward. West. Aust.
Museum sent another
consignment of fishes.

13 Sun.

Took photo of Claude
as Adot. & made prints
of "Mollqua" photos.

14. Mon.

wrote Roebuck & Nellie
Beale. Paid 3rd Walla
Call. 15/6.

15. Tues.

wrote - up Hemiscyllium
which together with
Squalus will form
a paper for "Records."
'American Naturalist'
for November contains
a notice by Jordan
of my Lord Howe Is
& West Aust. fishes.

16. wed.

Put in Income Tax
Return.

Salary etc.	290. 0. 0
Overtime	8.
Wages snakes.	3. 0. 0
Less. insurance.	3. 0. 0
	£ 298. 0. 0

Paid Gas &c. £1. 8. 10.
Eaton's ^{ak.} 4. 5
Wrote Occasional Notes.
Bramaichthys pinguis.
Protretoctes maraena.
Katie Bessie Hascraft
dropped - in for a
few days.

17. Thurs.

Arranged with Hellawell
to see Taubauer on
Monday. Working at
Neuroscyllium it seemed
that being Ovoviparous
it should be removed
from the Oviparous
Scyliorhinidae

18. Fri

Obtained permit to
visit the lighthouse.
Spent afternoon with

Hill at the University.
Opened stomachs of
several *Neuroscyllium*
& wrote to Brodie for
information on methods
of reproduction.

19. Sat.

Couholt brought his
first gunnè for rent.
A party of us in-
cluding the family of
Bishoprafts visited the
lighthouse.

20. Sun.

Took Claude down to
the beach. fishing
Caught examples of
2 species *Gobius bi-*
neuratus and *Apoogon*
fasciatus the latter
Called "Soldier Fish -"

21. Mon.

wrote Haswell who is
in N. Y. re Hemiscyllium
Wellawell & I went to
hear Tannhäuser, the
National Anthem was
sung by performers
& audience on the cur-
tain being raised, it
was lowered again before
the Opera commenced.
A violent rain storm
raged during the play
we caught 11:30 boat
& at Rosman found
terrible havoc. both
our bridges had been
swept away & I had
to go round by the
Rauers' estate. Got
home dry -

22. Tues.

Only on going to the boat did I fully realise the damage done by the storm. Large gaps had been made in the dam wall, scores of yards of the brick culvert undermined & the walls laid flat thousands of tons of sand must have been carried away its presence being very evident on the outside of the reclamation area - The train line was undermined & the rails swept ^{out} of line. The Ferry Co's new wall was in the bay and

altogether the damage
was far greater than
that before chronicled.
We suffered somewhat
in the garden, as usual.
Wrote to father &
afterwards received
letter from him with
photo.

tay

the matter.

NOTES BY MR. H. C. RUSSELL.

Mr. H. C. Russell, the Government astronomer, writing about "the great thunderstorm of January 21," says: "Heavy threatening clouds drifted about during the day. At 4.50 p.m. a heavy shower fell; at 7.30 p.m. distant thunder could be heard, and over the Observatory three layers of clouds were drifting one over the other, some from south-east, others from north-east, and others again to north. The storm to south-west began to roll, and vivid flashes of lightning brightened the sky. As it moved to the north, and passed over Mount Victoria, a heavy storm resulted. At 9.30 the flashes were vivid, and chiefly towards the Hawkesbury. At 10.12 p.m. a vivid flash broke over Sydney, and light rain fell. The lightning flashes seemed to get nearer and nearer, and at six minutes past 10 a tremendous peal of thunder broke over the Observatory tower. Rain poured down heavier than I have ever seen before. The rain recorder for the first time had to record rain falling at the rate of 8.40 in. per hour for 20 minutes. The whole shower lasted 50 minutes, and totalled 2.40 in. The record, 8.40 in. per hour, is the heaviest on record. The three previous highest each gave a rate of 6 in. per hour."

IN THE COUNTRY.

POSITS OF SEDIMENT
The reclamation works at the head of Mosman's Bay—the newly-formed Reid Park—exhibit conspicuous signs of the stress of weather. The retaining wall, for the second time in the course of a few weeks, carried away, and a vast quantity of sand, which had been pumped into the park by the suction dredge "Groper," found its way back through the aperture into the harbor. It is probably not too much to say that the work of months was undone. Close by, in Avenue-road, the rush of water down the incline tore up the roadway, and left the tram line sleepers bare in places, and it is to be expected that the experience will further the project of asphalting or wood blocking the thoroughfare. In other parts of the suburb there was, of course, damage to gardens and buildings, but nothing of a sensational character.

There was a good deal of destruction in the

S C H C T I L Y N

23. Wed.

The morning papers announced the death of the Queen. Long live the King! Letter from Brodie. He sent an inspector who gave me particulars of overriparity of the Wabbesong. Cameron my neighbour who in leaving gave me a bag of soil. I knocked

a palisade or two out
got to work.

24. Thurs.

wrote to Water Sewerage Board re cutting at side of "Burley." When there is 4 ft clear for a 2 ft cutting I demurred against it being made within 6 inches of the house.
wrote up notes on Sharks for the lecture fixed for March 4th.

25. Fri.

Cables interrupted, no foreign news. Asked North & his wife for Tues. Rainbow who has been absent since beginning of the

year ill with rheumatism
hobbled in for 10 minutes.
he looks very bad -

26 Sat.

Spent afternoon moving
the soil. - looked up
further notes on Sharks
in the evening.

27. Sun.

Had an early swim
Beauchamp Hopcraft
came to tea & I
gave him a lesson
in photography. Rain
again at night.

28. Mon.

Called on Rainbow,
officially & found him
in bed, he is going
~~to~~ consult another &
the only news to [105]

haed by interrupted
cable, is that the
Queen's funeral is
fixed for Feb. 2nd.
Garman sent me a
number of his papers.
With Beauch. Hopcraft
bought a second-hand
5/4 Adlake Camera for
£2. 7. 6.

29. Tues.

Sewerage Inspector saw
me & reported that my
plans had been ap-
proved & that the
cutting would be made
accordingly. North &
Mrs N. to tea, the
first time they had
been to "Headingley."

30. Wed.

Received papers from Jordan. in one on Japan he describes a new Chimaera differing "widely from C. ogilby" Barnes photo'd some Sharks etc. for me yesterday and I made lantern slides to day.

31. Thurs.

Building wall at the back, preparatory to making flower-bed. Mounted lantern slides. My week on late duty attendance not required ~~tomorrow~~ on Saturday.

February -

1. Fri.

Letter from Father, a week early in view of bank balance. I now have privilege of paying double rates water rate, "Headingley" rated at £47. 13/8.
Burley at £46 13/1.

2 Sat

Queen's funeral day.
Museum entirely closed.
I spent day making rockeries & wheeling soil.
81 guns fired.

3. Sun.

Continued work in the garden. Went to tea at the Hellawells.
Loenholt said heat

he had bought piano
but was not able to
try it yesterday as
he had seen a police-
man opposite the house-
he had not realised
that His Country is
freer than Germany.
He said he did not
want to be fined.

4 Mon.

Allan returned to work
wrote to Father.

5. Tues.

Now working at West-
Aust. fishes, there are
some interesting forms
among them. Wrote to
Dr. Vause telling him
I would go to tea on
Thursday.

6. Wed.

Letter from Haswell
(New Zealand) re
Aeniscyllum.

7 Thurs.

On leaving Museum
went to Temple Dr.
Tarse sounded me
as I have had a
recurrence of the heart
trouble. He pronounced
me to be quite sound
but in low condition.
Told me to take Quassia
Arsenic & Pepsin -
separately. P. card
from Father.

8. Fri.

1. Purchased. Liq. Arsenic. $\frac{3}{4}$ t.
3/4. Pepsina Porci $\frac{3}{4}$ t.
1/2. Quassia Chps. ~~16~~ 7.

Talked over "Mallagna" cont.

R/ big Ans. 3*i*
Aquaem ad 3*vii.*
 $\frac{1}{2}$. pt 3 times a day
after meals.

R/ Quassia . aifusia. Gr $\frac{1}{x}$.
Aqua — 3*x.*
I draw in. morning.
R/ Pepsin. — gr $1\frac{1}{4}$
twice daily.

I made the quantities
myself from bulk.

9. Sat.

Recorded Municipal Vote
but was objected to
there being 5*v* due
rate on land. I have
had no demand note
for this and signed
the declaration my
Votes being thus allowed.

In the afternoon I laid further stones for rockery.

10. Sun.

Excavated rock & put in posts to carry wine netting. A start has been made on the clitting in the back approach - wrote to the Mayor re the polling-booth episode of Saturday -

11. Mon.

Saw Brodie who told me that Farnell had returned from the island some time ago, he had had an attack of rheumatic gout and was unable to collect fishes.

and scarcely sit on
the "bench." Put some
further notes on Sharks
together.

12. Tues.

An old Cask having
burst in the Museum
Stores I overhauled the
contents, found on the
top 5 fishies from Lord
Howe Is which I had
lost sight of, one
being a *Chætodon* I
had registered "sp. nov."
Below these I had
never seen and found
a fine example of
my Oplegnathus, it
must have been in the
place many years, no
data. Bought 50 ft. 5/-

were willing to enclose
my new rockery; dash
having taken too much
of a fancy to it.

13 wed

Saw Burlow and asked
him to put together
the 'Mollqua' photos
and submit a sketch
of his suggestion. I
am now giving Allan
lessons in drawing.

14. Thurs.

Bought and planted
sowed some flower
seeds. Museum received
Reptiles of Bismarck
Archipelago by Werner.
I find my *Typhlops*
subocularis translated
into German as one

of the three species of
the group. Commenced
drawing in line of
Chaetodon tricinctus, s. nov.
but my eyes will
not stand the strain.

15 Fri.

wrote description of
Chaetodon. Took two
negatives for lantern
slides. Received from
U. S. Nat Mus. Jordan
& Evermann's fishes, 4
vols. - and from Schenkel
Catalogue of Reptiles
in Basle Museum.

16 Sat.

wheeled stones from the
sewerage-cutting & laid
some in cement.
Reply from the Mayor

17. Sun.

Middleton called on me early, his 8 days old baby died yesterday & he asked me to take the camera over. This I did later. In the afternoon Beauch. Stop-craft came with his Adlake camera. We exposed some plates & afterwards developed them.

18 Mon.

Finished line drawing of Chaetodon, the work is not very careful as I dare not try my eyes too much. Paid 12/6. 4th Walla Walla Call. Developed negatives of Middletons baby.

19. Tues.

The Editor of Zoological Record invites lists of generic names omitted from "Scudder". I sent him about a dozen. Received proofs of two papers for Records. viz. Sharks and Lord Howe Is. fishes. Made lantern slides - now completed -

20. wed.

Added considerably to proofs incorporating Haswell's remarks on Sharks, and Chaetodon & Autunarius as new records for Lord Howe Is. Wrote Rowling & asked him for Sunday, the Stellawells coming - [117]

21. Thurs.

Ogilby called to-day
after a long break.
he has received an
official intimation of
his appointment to
Brisbane and leaves
here early next month.

22. Fri

Rainbow returned to work
for a few hours daily
he looks a wreck. I
wrote for amusement,
a descriptive account
introducing all the names
of the Museum staff.

23. Sat.

Letter from Rowling, he
can't come tomorrow.
Wrote up notes for
Shark lecture.

24. Sun.

Made and fixed a
post and rail at
the front, the descent
from the house being
rather risky - We
hollowed down in the
afternoon.

25. Mon.

Received proof of plate
of Justice done in
lieu of that produced
in London & also of
the Chaetodon. Saw
Burton who handed
me a pencil suggestion
for Mollagua Adot
Sent this to Dr. Cope
Took the 4 Vols Jordan
& Evermann's fishes to
be bound. 22/- [119]

Put Shark slides
through the lauteru.

26. Tues.

Read Revise of the
Record Papers, White -
-legged pt 2 of the
Thetis crustacea was
published to-day.

27. Wed.

Spent evening with F.
Murrell. billiards -
Saw Paterson at noon.

28. Thurs.

Letter from Father
and replied. Paid
5th Walla Walla Call.
Letter from Dr Vause
he will visit us
tomorrow.

29. Fri March
Sowed Seeds, Cianthus

March -

Dr. Vause came in the evening.

2. Sat.

Being my week on late duty, I was at the Museum till 5.0 Put in some Dolichos plants given by Mr Cameron.

3. Sun.

Gardening. Capt Eddie came & I gave him cuttings of Coral tree, Bignonia & Phasianthus plants.

4. Mon.

Feel seedy to-day, at night I gave lecture on NSW Sharks and Rays.

5. Tues.

Not being well I
Went home at noon.
Letter from Father.

THE NATURALISTS' CLUB.

The usual monthly meeting of the Naturalists' Club was held on Monday, Mr. A. H. S. Lucas being in the chair. The feature of the evening was a lecture on "The Sharks and Rays of New South Wales," by Mr. E. R. Waite, F.L.S., ichthyologist at the Museum. The lecturer detailed the peculiarities and history of the various species of sharks that abound in the coves along the coast, and with the aid of about 50 lantern slides was able to show his audience the different types of the marine monsters. He also stated that the sharks were largely attracted to the harbor by the refuse deposited therein. As the sewerage system became more in vogue, the danger from sharks would be reduced, but a considerable time must elapse before the people of Sydney and its surroundings could enjoy the immunity such as the aborigines experienced 150 years ago.

b. Wed.

Received letter from Father, Obtained legs,
I had turned, for
table and put them
together at night.

7. Thurs.

Father sent photo. of
S. African guides, a

member in the group
being Cousin Will -
Received Reptiles of
Bismarck Archipelago
from Werner, it con-
tains the translation
of *Typhlops subocularis*
before mentioned.

8. Fri.

The cutting has now
been roughly filled -
in & the residue put
in our yard which
I permitted to my own
advantage. It forms an
immense stack so that
I shall not want for
stone - material.

9. Sat.

Commenced to dig
out border in the

garden, it has grown
flowers very unequally
& I discovered the
reason. I broke up
large blocks of stone
within 9 inches of
the surface.

10. Sun.

Worked all day in the
garden.

11. Mon.

Gave Whitelegg £20
for Middleton who
will obtain B/S notes.

A ♀ *Hemiscyllium*
contained 8 young of
which I made notes
for Records & colored
drawing for Museum.

At night commenced
to digest P.L.S. N.S.W.

With view of preparing
Catalogue of fishes of
A.L.W.

12 Tues.

Received from Muddleton
B/E notes £20 & Lent
same with M/o 6/5
to Father - interest.
Continued Cataloguing.
Letter from Paterson
asking me to go to
Walla Walla Mine
Friday to Tuesday. the
trip would be too
expensive for the time.

13. Wed.

Planted out seedlings
Phlox in border. At
night played billiards
with Fred Murrell -
Bought $\frac{1}{2}$ plates.

14 Thurs.

Took camera charged,
to Paterson - commenced
drawing of Cochlops
lineatus

15 Fri.

Finished the drawing
wrote to father &
sent the photo. of
Dr Vause which I
took. Received demand
5/- Rate from Robson
Cowlishaw Solicitors
Again saw Hampshire
who was annoyed
to find that his
instructions to the
Council had been
ignored, he asked
me to trouble no
further until I [126]

received proper notice
from the Council :
(See Feb 9th 10th & 16th)

Acknowledged demand
from Solicitors. - Wrote
occasional note on
Lethrinus opercularis

16 Sat.

Went to see the turtle.
a Hawksbill. -

AN EXTRAORDINARY CATCH.

Last Sunday Mr. John Hagan, of Chippendale, was fishing at Watson's Bay from a boat. Suddenly Mr. Hagan felt a strong tug at his line, and thinking he had a fine large fish on the hook he hauled in, and, to his astonishment, he found that he had secured, not a fish, but a real shell turtle. The line he used was a very fine waterproof one, which he had purchased at the establishment of Mr. Mick Simmons, and attached to it was a small blackfish hook, bought from the same emporium. The fact that the turtle turns the scale at a little over 30lb proves that the fishing lines sold by Mr. Simmons are of exceptional quality. Mr. Hagan has made a statutory declaration as to the fact of his catching the turtle, and as to the line he used on the occasion. The turtle can be seen at the head establishment of Mr. Mick Simmons, in the Haymarket, where it is at present in the yard, pending the construction of a glass case, when it will be exhibited in the window. The turtle was, when the reporter saw it, well, lively, and hearty.

17. Sun.

Gardening & working
at Fish Catalogue.

18 Mon.

Holiday St Pat's Day
in garden in the
morning took Claude
for walk after dinner
& in evening dismu-
-tled one of the
bookcases in drawing
room. both are to
be removed to the
dining room.

19. Tues.

Commenced to reerect
bookcase. Letter from
father. Rose had one
from Savings Bank
London 8/9 only. left
on deposit -

20. wed.

Finished reerection of
one bookcase - Wrote
description of *Pseudolatrus*
ruber, Cast. Ogilby's
laundlady called to see
Etheridge - Ogilby had
again "broken out" &
she couldn't get him
away - for Brisbane.

21. Thurs.

Dismantled & partly
reerected the other
bookcase in Dining
room

22 Fri

Bought paper for
guard book to contain
plates prepared by
me - Finished the
second bookcase. Bought
Maskie - 2/6.

23. Sat.

Working at rockery at
the back. Commenced
drawing of Pseudolabrus
ruber

24. Sun.

Last Sunday I got
an earwig broodning
a number of eggs.
I put the lot into
a glass tube & the
got mixed up with
the soil. The mother
collected them together
carrying each in her
jaws. They hatched
to day.

25. Mon.

Received rate notice $\frac{5}{7}$
from solicitors (see 15th).
Rose went to theatre

(Cinderella) with Mrs F.
Murrell

26. Tues.

Sent 17/- to Council
Clerk. Sanitary rate 12/-
land 57. Took "Record"
3 Volumes to be
bound into one. All
but finished drawing
of *Pseudolabrus*

27. Wed.

Received Jordan & Wernau's
fishes from binder. 22/-
Attended Annual Meetg.
Linnean Soc. Paid Sub
21/- Handled Maiden a
letter re. Subscription
to Linnean Soc (London)
Foreign Member paying
same as home ones with
less advantages

28 Thurs.

Sent reprints of Reptile
papers to Werner (see
Feb 14)

29 Fri

Public Holiday. Federal
election - Being my
late-duty week I
worked at the fish
catalogue. Records IV. 1
published to day

30 Sat.

Pay-day. Sent £3. 7. 6
to Star Ass. Co. due
 $5\frac{1}{4}$ May and £3 to
Guinean Soc. (London).
Received letter from
Maidew. Took out
boat-tickets for new
quarter. Worked again
on Catalogue.

March - April.

31. Sun. Wrote at Fish Catalogue

1 $\frac{1}{2}$ Mon

wrote to Father. At night played Billiards with Fred Murrell. I made a 10 stroke.

Put the red in 3.

Cannon. — 2

In off the red 3

"Spot" ball in — 2

I played "plain".

23. Tues.

Rose wrote to Belle, forwarding all papers re 8/9 P.O. Savings Bank due in respect to their mother's deposits.

3~~A~~ Wed.

Letter from Father
also from Roebrick.
he sent a beautiful
N Borneo stamp, an
Orangutan for my
zoological collection.
Rowling wrote inviting
us & the Hellawells
for Wednesday next
Received gas &c £1.9.7.

4. Thurs.

At Board Meeting, Sedley
got Kesteven appointed
his honorary assistant
& Etheridge gave him
leave to commence the
Thetis Mollusca.

5 Good Friday

Holiday, Took Rose &
Claude, Agricultural Show.

6 Sat.

Holiday. Asked Brodie
for 2 copies of 1887
fisheries Report containing
Ogilby's Catalogue, to
cut up. I got them.
Payne finished wood
& coal shed, began 10 Ton

7 Sun. - Easter.

Ninth anniversary of
our wedding day. I
took photo of Fred
Murrell's baby & both
families went to the
Zoo. Wrote Paebuck.

8 Mon.

Holiday with Fred
Murrell & others. In
Watson's Bay boat.
Then rowing boat for
the day. Fished off [135]

Bottle Glass. Vauclade
lightship etc. Caught
large Myliobatis, Urolophus
cucutatus, Sparosoma
Sebastapistes, Cnidoplax
Monacanthus ayraudi
Coësiosoma, Trachurus
Neosebastes australis
Paralichthys n-holland
Scouber. Atypichthys
Apogon frenatus.
Pseudolabrus sp.
Acanthistius

9. Tues.

Loenholdt told that he
leaves at the end of
the month for "Frisco"
& that he will cease
to be my tenant.

10 Wed.

wrote Leahy & asked

him to look out for
another tenant. We
received specimen of
Urotrychus (*Harpyia*)
cephalotes from Richmond
R. - a new record for
the colony.

11. Thurs.

Took Horn Expedition
Reports to be bound
in 2 vols. Paid
Corbett £1. 2. 0. for
binding Jordan's fishes
& 2/- for 'Records'.
Ogilby called, he
has changed his
boat ticket to the
'Curieubla' sailing
on Saturday, asked
for £2. being without
money & wanting a

new hat & boots.
As he was in drink
I gave him but 2/-
12. Fri.

Ogilby came again.
I agreed to see him
safely away pay his
Van & cab hire etc.
This he said was
no use and left in
an injured mood.
Bought $\frac{1}{2}$ plates &
bottle of Quinal - for
Fred Murrell's baby
& "Burley". Loeuholdt
having asked me for
photo. of the house.
Murrell has bought
for £25 his house
of furniture cost 3
months ago £62.

13 Sat.

Found that Sinclair had given Ogilby 10/- and an order for a hat. I went to 189 Albion St & found Ogilby almost helpless finished dressing him & packing of his boxes & got him away in a cab the luggage going in another. I saw him safely in a comfortable bunk & gave to the steward £1. in trust to be handed to Ogilby on arrival. This was given to me by Mr W. H. Palmer

part proceed of the
Sale of bookcase. I
got Ogilby to sign
a P/I.U. for Mr P
his landlady for
£8 in lieu of £.0.11.
His signature was
illegible & I witnessed
it. Had I not taken
him in charge he
would certainly have
been left. He will
at any rate have
time to straighten
up before reaching
Brisbane. I was
thoroughly exhausted
on reaching town
& had to walk to
Quay, not a P
for train fare &

only paid all by
beating down the
two Cabbies to some-
thing like their
proper fares. One
demanded 4/- the
other 5/- I paid
2/6 & 3/- respectively.
The whole lot cost
me about 10/- When
Loenholt paid me
his Guinea I ac-
cepted his notice
to terminate May 11.
a week longer than
he calculated but
satisfied him that
my reckoning was
correct. Rose's birthday

14 Sun.

Took photo. of "Barley"

for Loenhardt, & got
a good negative.
Wrote to Father

15 Mon.

Sent philatelic odds
to Roebeck. Printed
from 'Burley' negatives
visited W^r. Palmer &
learned particulars
of Ogilby.

16. Tues.

Called at Pawn Office
& found that £20
or so would scarcely
redeem his goods -
left by Ogilby. They
seem to have acted
as his friend and
possess all the tickets
in trust for him
he had deposited

household & personal
property including a
number of books on
fishes. Received Reprints
of two fish papers &
sent away some by
to day's mail. Rose
had inquiries about
"Burley".

17. Wed.

Message from Amateur
Fisherman's Ass "Will
next Tuesday be con-
venient for lecture?"
Replied "Yes". Ramsay
in overhauling his
books gave me Barnard's
Trees, Wilcock's "Sea
Fisherman" and Seatt's
Mammalia Vol II. the
latter I already had.

18 Thurs.

Received notice. Incurred
Tax £2. 9. 0. Letter
from Father, he is
troubled with deafness
& Mr. W. is "run down".

19. Fri.

Worked at the Fish
Catalogue.

20 Sat

We received a *Synaptura*
nigra the under side
being colored like
the upper, the spots
included. The head
& fore part were
however uncolored. I
had it photographed.
Reeks sent message
that he had caught
a Butcher bird.

Received guard-book
I had given Woodhead
to Bird 4/6. & at
night looked up plates
for which it is
intended.

21. Sun.

Went to Reeks' and
received Butcher-bird
it had entered his
pigeon loft & he
trapped it. When I
got home I found
food to hand, a
mouse had tried
to get through the
1/2 inch wire mesh
of the small aviary
but could get no
further than its head
which it could not

withdraw. It next
put its head through
the next mesh, to
return & I so found
it strangled. The
bird



made a
meal of
it

forthwith.

Again I tried photo
of Mr. Murrell's
baby.

22 Mon.

went from Museum
to the Kemps at
Muston St joining
Rose & Claude.

22 Tues.

Gave lecture to the

Anat. Fish: Assⁿ
on Sharks and Rays.

23 wed

Percy Kemp & his
wife to tea, & spent
evening.

24 Thurs.

Made drawing of
Apoegon rüppellii. Miss
itzpatrick who had
called at the Museum
at "Headingley" to tea

25 Fri.

Made prints of photo.
of Murrell's baby.
Arranged the first 25
of my plates on a
board for photo'ing.

LECTURE ON SHARKS AND RAYS.

A lecture on "Sharks and Rays" was delivered to a large gathering at the Amateur Fishermen's Association clubroom, Queen's Hall, Pitt-street, last night, by Mr. E. R. Waite, F.L.S. Captain A. Spain, president of the association, occupied the chair.

Mr. Waite spoke for an hour on the fishes which formed the subject of his lecture. He was aided in his remarks by lantern slides thrown upon a screen. The lecture included observations upon the Port Jackson shark, the spotted cat-shark, the zebra fish, the blind shark, the wobegong or carpet shark resembling seaweed, the remora or sucking fish, with its disc of curious suckers, which are turned to advantage in Torres Straits by the natives for the capture of turtle; the school shark, the tiger shark, the blue and blue pointer sharks, the hammer-head, the grey nurse (a most dangerous and voracious fish), the white pointer, called by the French the requiem, the sawfish, and the connecting link between the sharks and rays, the angel or mork fish. Under the heading of rays the shovel-nose, skate, sting, stingers, numb-fish, butterfly, eagle and manta rays, and a new species were graphically described. A hearty vote of thanks was accorded the lecturer.

At the after proceedings, Mr. G. Hollingdale was presented with the Incognito rod, won by him in a six months' competition. Mr. J. Bebb was the recipient of a handsome travelling companion, a trophy presented by "E pluribus unum," and Mr. Malcolm Ross was presented with a certificate recording his title as champion of the club for the year. A smoke concert concluded the proceedings.

AMATEUR FISHERMEN.

LECTURE ON SHARKS AND RAYS.

Mr. E. R. Waite, F.L.S., lectured last evening to a large gathering at the Amateur Fishermen's Association's club-room, Queen's-hall, Pitt-street. The president, Captain A. Spain, occupied the chair.

The lecturer illustrated his remarks by the aid of lantern slides on a screen, and described some of the better-known varieties of the shark and ray family, as well as some recently-discovered specimens. He pointed out that the blue pointer, grey nurse, and tiger sharks were dangerous, and that some of the rays were quite as formidable. One ray could swallow a man whole. The lecturer was accorded a vote of thanks.

During an intermission trophies were presented to members who had won them. Mr. G. Hollingdale received the "incognito" rod, valued at £7 10s, won by him in a six months' competition at the Hawkesbury River. Mr. J. Bebb received a trophy, presented by "E Pluribus Unum;" and Mr. Malcolm Ross a certificate bearing the announcement that he had won the title of "champion of the club" for the year. The after-proceedings took the form of a smoke concert, varied with convivialities appropriate to a gathering of sportsmen.

27
26 Sat.

Letter from Haviland
Seen notice of lecture
& tells me that a
photo a 10 Sharks
(grey nurses) may be
had at King's. [149]

Photographed a sheet
of 25 of my plates
between showers it
being very wet.

3 Yelverton Wilson
signed memo. of
Agreement for 12
months tenancy of
Cottage from May 1.
Hoecholdt paid me
his guineas & promised
£2 2.0 on Monday
to May 1st I agreed
to pay his Sanitary
rate as concession.

28 Sun.

Heavy rain. Took
a sheet of another
25 plates. Wrote to
Realty cancelling the
agency & to Father.

THE
Catfish Budget.

FRIDAY, APRIL 26, 1901.

A F.A. NOTES.

(BY "CATTY'S" KITTEN.)

Tuesday night, 23rd inst., a right royal night—lecture by Mr. E. R. Waite, F.L.S., on "Sharks and Rays." Captain Spain, president of the association, in the chair. Lecturer, with the aid of lantern slides, gave the members one hour's interesting entertainment; members learnt a lot of valuable knowledge concerning sharks and rays. Many a fisherman saw an old friend thrown on the screen; sticks were often clutched firmly as the life-like image came into view. Members learnt that stingarees and stingrays were two different fish. The mantle ray, caught off the coast of Florida, was shown. This fish measures 18 feet from tip of wing to tip of wing, and can envelope a man in its wings. The mouth of this fish is large enough to swallow a man. The discourse was full of interest from beginning to end, to the hundred and odd members who attended. At the conclusion of the lecture presentations were made to the following members:—Mr. George Hollingdale was handed Dr. A. Burne's *In-cognito* Rod (value £7 10s.), won by him in a six months' competition. Mr. Bebb was presented with "E Pluribus Unum's" trophy, and Mr. Malcolm Ross, winner of the A.F.A. championship from November to March (which entitles him to the 1901 championship), was presented with a handsome certificate. Mr. Ross generously handing back another trophy he was entitled to. The winners responded in suitable terms. The rest of the evening was devoted to harmony, and the putting away of the good things supplied by the association. A most enjoyable evening was spent by all, and great praise is due to the energetic secretaries, Messrs. Thackeray and Searle, for the able manner in which they brought, to such a successful conclusion, such a red-letter night in the history of the association. The association numbers 196 financial members, and the bank balance is £26 17s. All amateur fishermen should join the association—their interest is your interest, and your interest is theirs.

29. Mon.

Owing to an accident
to her engine the
"Sonoma" will not leave
until May 8th, Loen-
holdt told me that
he desired to stay
until that date. I
saw Wilson, he did
not object to postpone-
ment of his tenancy.

30. Tues. Letter from Dad.
Asked Etheridge's permis-
sion to work at M
isabellinus recently
received from Barrow
Is. - He wrote Wood-
ward as to whether
any had been sent
to the Brit. Mus.
The Kamps here to tea.

May.

1. wed.

Pasted a second 25 batch of plates in my book. Arranged for a set to be framed for the new Irish Gallery.

2. Thurs.

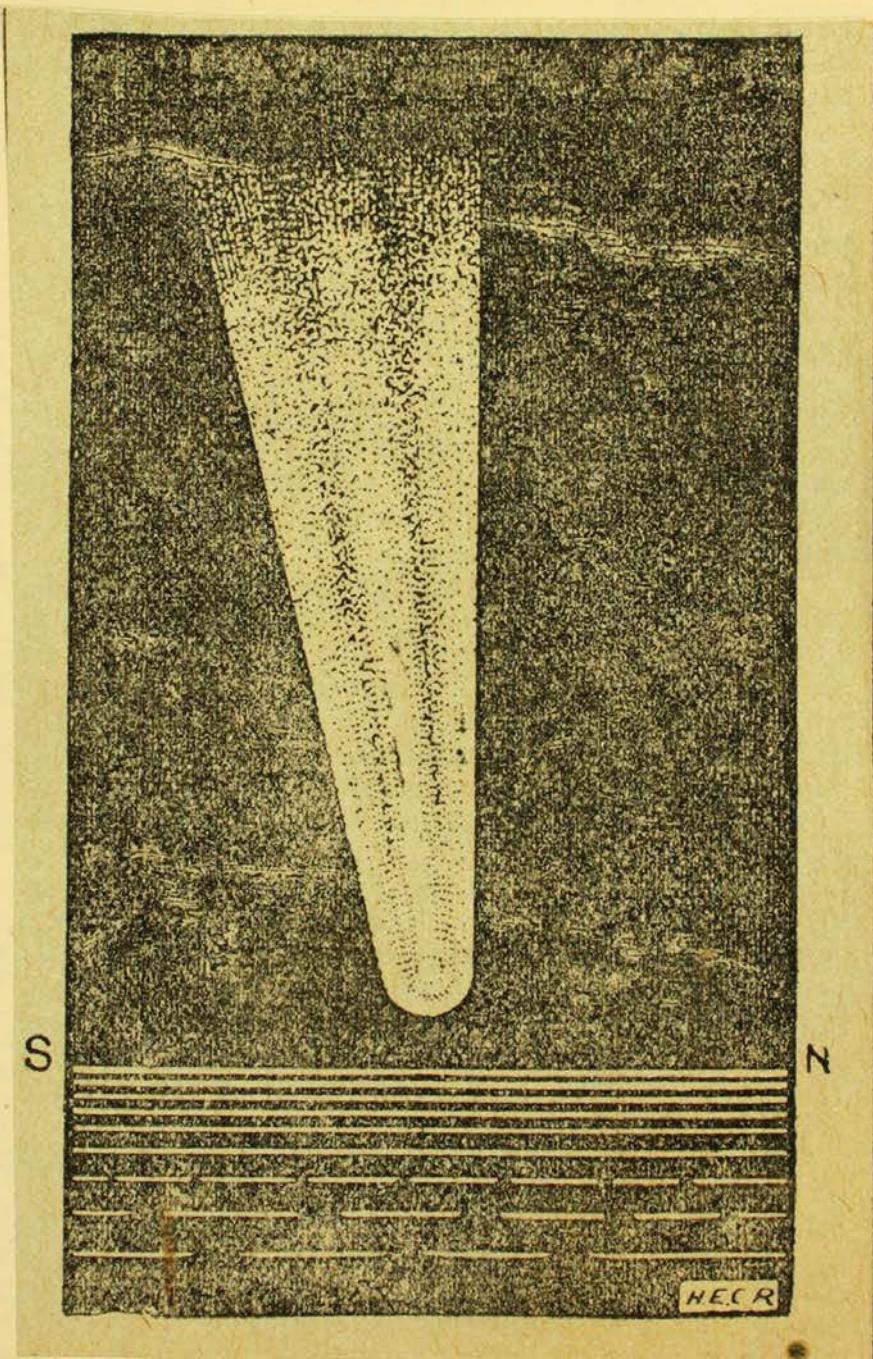
Saw Dr Green about my watch guard. it is wearing fast. As gold it is worth 87/6. & he would remake it for £1.

3. Fri.

Went to theatre with Paterson & Mrs Mutton
'Horadore'.

4. Sat.

On late duty, this week. Saw the Comet a conspicuous object. This is the first fine day for a week but rain fell at night.



5 San.

My 35th birthday!
Had tea with the
Hollowells. returned
home for spectacles
& left bird cage at
Reeks'

6. Mon.

wrote to Father. I
got from Whitelegg
5 parts of P. L. S.
N. S. W. for 5/- (in
trust for Skuse's
widow). all are of
the second series.
Vol VI. pt 1. is new
to my set. the others
are duplicates available
for exchange. namely.
Vol IV pt 4; V pts 2 & 4
and Vol VI. part 2

Saw by Zoologist that
Graham & Backhouse
are to publish a ~~the~~
"Birds of Yorkshire".
It was announced
recently that Nelson
would continue Clarke's
work. As there is
evidently ill-feeling
I wrote to Doebeck.

7. Tues.

Exchanged with Sinclair
P.L.S. NSW. (1.Ser) V pt. 4.
for VI pt 2.

Pasted 25 more plates
into my guard book.

8. Wed.

Commenced drawing of
Coris auricularis C.V.
Etheridge called for
papers for a new

part of the 'Records' mentioning Macropus
isabellinus as a
subject for me. (see 3dth).
A notice of the death
of W.R. Bucktrout I
posted to Father. Our
new tenant F.G. Wilson
& I signed a new
agreement to date from
May 10th. Loenholdt.
paid me £1. 9. 0 being
Rent & Sanitary Rate -
to terminate tenancy.

9. Thurs.

Finished drawing Cotis.
Mr. Mutton asked
Paterson & ourselves to
Manly on the 16th.
Left Ogilby's Edible Fishes
with Corbett to bind

10. Fri.

Replied to letter from Ogilby having sent his goods per Wall Moleworth. Finished pasting in my plates North asked us for Tuesday evening next. Played billiards with Fred Murrell.

11 Sat.

The Sewerage Dept. commenced covering the path yesterday will finish on Monday. I worked in the garden & assisted Wilson in regard to occupation of Burley?

13. Mon.

Commenced drawing
of Thalassoma amictus.
Wrote Graham, Painter
Waverley as to the
condition of outside
woodwork of Headingley.

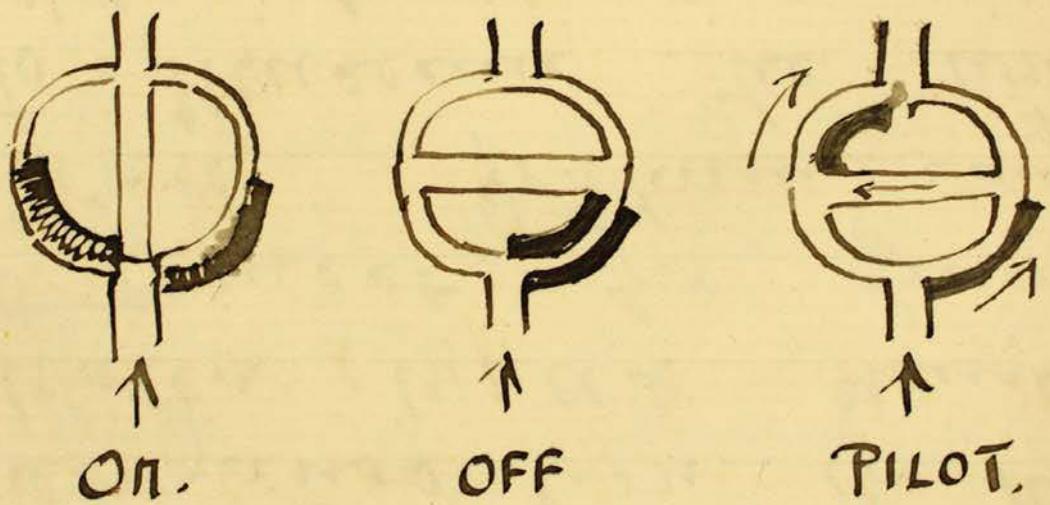
14. Tues.

North not having put
in an appearance
this week we did
not keep appointment.
Letter from Father. -

15. Wed.

Received Municipal Rate
£3. 1. 10 the rateable
value having been
increased from £42
to £49 10.0. Altered
gas-tap in work-
shop so as to have

a "pilot". I may have written of this before in connection with Paterson & possible patent - anticipated! Two grooves are cut one in the socket (fixed) the other in the plug. Tap parallel gas on, turn to right off, to left pilot



16 Thurs.

Took photos of skull of *Macropus isabellinus* on leaving museum

with Paterson, joined
Rose & Claude at Mr.
Mutton's at Manly.

17 Fri

Received notice of
reorganisation of the
Walla Walla mine
& request for final
"call" Graham came
to Museum he will
repaint or revarnish
(as required) the
outside of Headingley
for £10. Wrote on
Barrow Is Kangaroo.

18. Sat.

Went to Paterson &
had a tooth examined
he gave me some
old drills, still of
use to me.

joined Etheridge Headley & Cherry and we raked out a 'kitchen hidden' in Little Sirius Cove. Did not get much -

19. Sun.

wrote to Father. I cleared away creepers from the house in anticipation of coming of the painters -

20. Mon.

Received Rate $\frac{1}{2}c$ for Burley £2. 18. 9. an increase as in the case of 'Headingley.' Received notice of letting Walla-Walla mine on tribute & calling up the sixth and final call of 9th

Bought new globes
for "Burley" the others
having been cracked.

21. Tues.

Paid 12^{1/2} sixth call
of Walla-Walla wine.
Obtained from King
Lautern slide ops
Shark-fishing in
Pateman's Bay. Met
Joseph who told me
that he had bought
over the "Queen Louie
Office" the one in
which Ogilby had
pawned his goods. I
gave him some in-
formation re J.A.O.
Concluded paper on
Macrosgus isabellinus

STINGAREES AND STING-RAYS.

Sir,—Under the heading of A.F.A. Notes, in last week's *Budget*, "Catty's Kitten" gives an account of a lecture delivered at the Association Rooms on the 23rd inst. by Mr. E. R. Waite. I am given to understand the lecture in question was most interesting, and much regret that other business prevented my attendance. An error must, I think, have crept into the report, as follows:—"Members learnt that stingarees and stingrays were two different fish." There is no such fish as a *stingaree* known to pisciculturists. The name *stingaree* being simply a corruption of the stinging ray fish.—Yours etc., ALF. JARDINE, 29th April, 1901.

SIR,—Having been asked to reply to Mr. Alf. Jardine's letter (May 3rd) I beg to inform you that Sting Rays (*genus Dasyatis*) are known by having a long tail, without a terminal fin; they grow to great size.

In the Stingarees (*genus Urolophus*) the tail is short and has a terminal fin; they are of small size.

Though the word *Stingaree* is a corruption of *Sting Ray*, it serves a useful purpose; much as does the word *goana*, a corruption of *iguana*, though applied to a widely different order of lizards.

EDGAR R. WAITE.

Australian Museum, 13/5/01.

202

22. wed.

Had a sudden attack
of Lumbago, left
Museum early calling
on Norman & leaving
3 negatives of Macropus
for reproduction as
2 plates.

23. Thurs.

At home, could not
find a painless
position!!

24 . Fri.

Returned to Museum
but still in pain.
Letters from Father
& Aunt acknowledging
interest. Also one
from Fanny Bowline
to which I replied.
Advanced with the
drawing of Thalassoma
analepsis.

25 Sat.

Gave Hellawell 2
tickets for the Museum
grounds for Monday's
procession. Mrs M^c
Culloch gave me 2
tickets for enclosure
in Centennial Park
for Tuesday's review.
Cast new counterpoise

for one of the dark -
room windows. The
"hands" on the Ferry
struck, disorganising
the service.

26. Sun.

The path outside the
workshop never having
been satisfactory I
cleared the ground
dug out a deep earth
pocket filled - in
with stones & rubble
& finished with a
depth of cement. The
whole scheme is to
cement part of the
stone - water cutting
remove present wall
& bed both overgrown
with rank grass and
rebuild.

A single boat, a
government one was
running our ferry.
we had a passage
about every $1\frac{1}{4}$ hours
Rose went to town
& expecting to return
at 5.0 landed at
7.0. This the 6.30
boat was done by
one of the company's
boats. & was the first
of regular running
it being understood
that the men's de-
mands had been
coupled with.

27. Mon.

Took Rose and Claude
to view the Royal
procession from the

Museum grounds. I took snap-shots with the "Rover."

28 Tues

Went to the review in Centennial Park

29 Wed.

Back to 'Biz'. Letter from Father who sent book, "Little Woodward" for Claude - my copy is dated 8. Sept 1868. & Claude's 14 Apr. 1901.

Ordered new fire-bricks for Stove in "Burley"

30 Thurs.

Obtained sheet-iron & fixed on dark-room to replace wood (warped) in view of the coming of the painters.

St. Tok.

Paid Income Tax
£ 2. 9. 0. . Made a
ground glass shutter
for diffusion of the
light in dark room.

RE fish sent in by "Clarence," the following
is the answer kindly given by Mr. Waite, of
the Museum :—“The fish is a trevally (*uraspis*
georgianus), and at certain seasons extends
far up the estuaries and rivers. I am, however,
not aware that it has been recorded from
absolutely fresh waters.—EDGAR R. WAITE.”

June.

1. Sat.

Made concrete channel
in continuation of
work commenced 26.th
ulto. Wrote Father.

2. Sun.

Again working in the
yard. The Hellawells
came to tea

3. Mon.

Public holiday, the
Duke's birthday. My
week on late duty.

4. Tues.

Arranged with Oswald
Phillips to hear the
'Flying Dutchman' on
Thursday. Museum
Board meeting will
consider Allais' case.

5. Wed.

At yesterday's Board meeting it was decided to put £50 on the estimates for Allan as assistant to the Curator. As I have not kept up my photo. albums for 4 years or so. I began collecting all prints, spoilt and otherwise & commenced to paste the former into a rough book as "records" only, so that I can, at least, number the negatives and file them.

6. Thurs.

Went with Phillips
to hear Wagner's
Flying Dutchman. It
is necessary to see
the piece in order
to fully appreciate
the music which I
cannot say I previously
understood!!!

7. Fri.

Made line drawing of
Hypoplectrodes armatus
West. Aust. collection.
Again worked at the
"record" photographs.

8. Sat.

On late duty.

9. Sun.

Took down the Bike
& rode to Cherrys. As
he had not break-
fasted I pedalled
along Georges Head Rd
& returned when we
together went for a
stroll. In afternoon
I worked with pick
& shovel in the yard
in order to level &
concrete part at the
back door, but first
came Beauch-Hopcraft
& Hannah Lazarus.

10. Mon.

Sent away 4 Royal-
Visit Souvenirs 1/- each
to Father, Belle, Fancey
Bowling & Nellie Reale-

At Museum received
5 foetal Galeus autarc-
ticus contained in
the common sal. made
color drawing for the
Gallery and received
instructions from R.E.
to write note etc for
the "Records" Painters
Commenced work on the
outside of Headingley?

11. Tues.

Letter from Father. Rec
+ receipt from Linnean Soc.
with statements of pay-
ments to show that
my last payment was
for 1900 not 1901. In
the statement my 1899
remittance was stated
to be for 1898. I

sent their receipt . 660 showing this was not so. Asked if concession could not be made in subscription, in consequence of diminished privileges to foreign members.

Received receipt from the Star Ass. Co. on which I paid 8², postage due.

12. wed.

Made drawing of Galeus antarcticus on ruled scraping board to re-produce as line work. Finished paper on it but want to consult Haswell as to the two terminal bodies of the uterus (shell glands?).

13. Thurs.

Pasted in more photos.
(see 5th). Wrote note
on Urotryctes cephalotes
new record for N.S.W.

14 Fri.

Having often thought
of Hargrave's Cellular
Kite I to-day looked
up his papers and
commenced to make
a small model of
the box - form.

15 Sat.

Attended excursion of
Naturalists Club to
Bradley's Head, taking
Hollowell who had
dined with us. All
went to organ recital
Town Hall, at night.

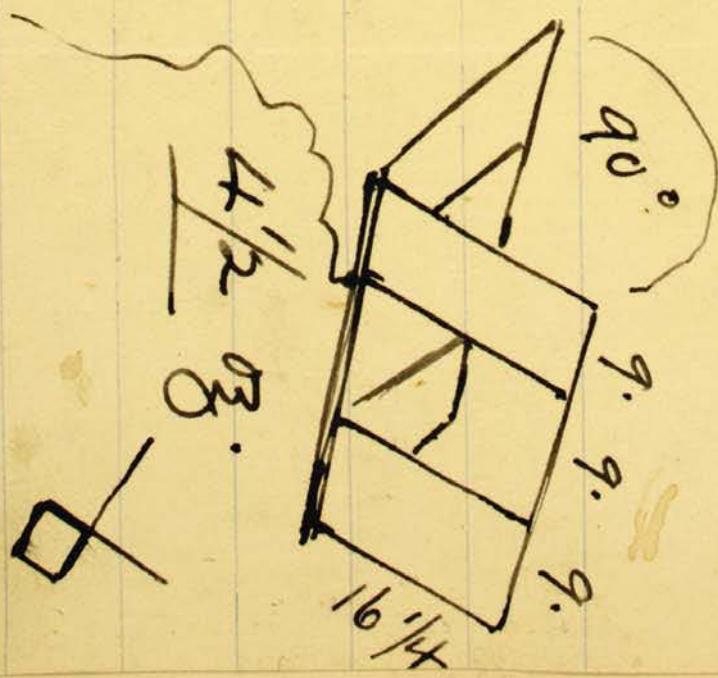
Claude thought his
organ made an awful
noise?

15. Sun.

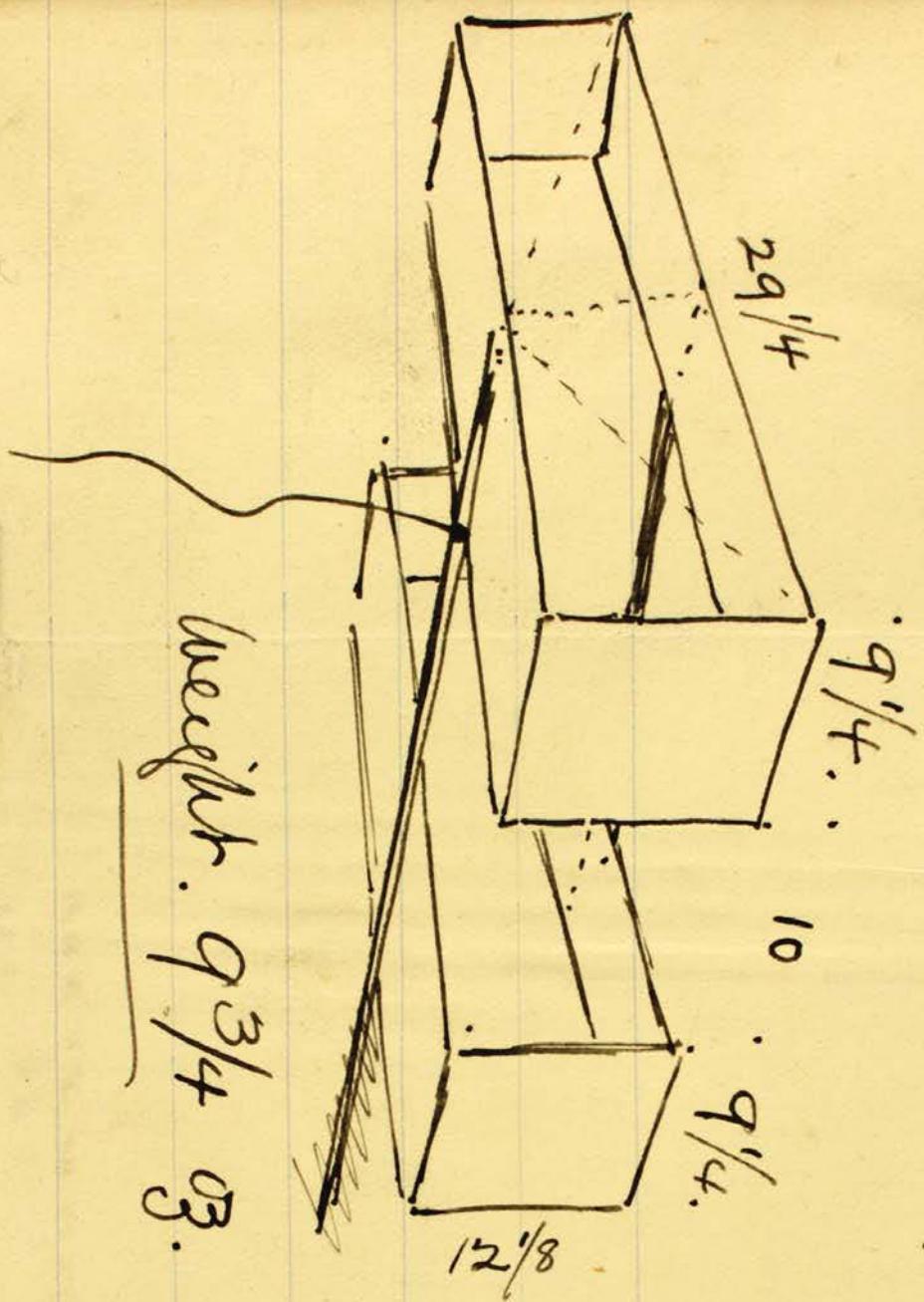
Broke-up stones &
laid rubble at the
back, used last bit
of Cement; required
 $\frac{1}{2}$ Kerosene this morn
to finish. At night
I finished cellular
kite, making it of
half the dimensions
of one illustrated
by Lawrence Hargrave
as it weighs under
4 Oz. I have kept
it well in hand.

The following is from
Hargrave's papers.

P.R.S. New
1893 + 1895.



Weight. 9 $\frac{3}{4}$ oz.



17. Mon.

went to University
saw Haswell who pro-
nounced the terminal
bodies of the uterus
to be shell-glands.
wrote to Father.

18. Tues.

wrote Eaton for Cask
of Cement. Went to
Struier who would
give me a Quail for
any Wonga.

19. Wed.

Obtained the Quail. At
night I registered some
of the $\frac{1}{4}$ pl. negatives

20. Thurs.

worked further at the
negatives. Letter from
Roebuck, seeks my

advice at to the
advisability of his
retirement from the
Y. N. U. at the end of
this year he having
then had 25 years
of Honorary service.

Received part of the
"Birds of Yorkshire"
its publication being
recommended.

- 21 Fri
wrote to Roebeck, a
long letter, advising
him to retire. Eaton
sent sack of Cement.
Saw proofs of the
plates of skull of
Maevapus isabellinus
On mentioning to
Sinclair that having

to delay publication until blocks in illustration of paper by Etheridge came from London, they paper might have to be withdrawn, he approached Etheridge who ordered immediate publication.

22. Sat.

Finished Cementing in corner of yard. Concluded registration of all negatives of which I have prints.

23. Sun.

Worked further at the work mentioned 26th ulto. Repotted all the Lord Howe Is. Palms.

24. Mon.

Sent a parcel of
small things worked
by Rose for Cora's
Baby. Also M.O 7/6
to Roebeck. King
sent a Mr. Gray to
look at Mr. Perry's
lenses. I let him
have them on appro-
val.

25. Tues.

Allan gave me a
bit of 'Plasticine' a
new and clean sub-
stitute for modelling
Clay 1/6 per lb.

26. wed.

Letter from Father. At
night attended meeting
of Linnean Soc -

27. Thurs.

wrote "Atlas Ass. Soc."
re having to pay 8²
& 3² "postage due."

Tried "plasticine"; making
a small medallion of
Rose.

28 Fri

Received proof of plates
of fishes for "Records".
Bought 1 lb Plasticine
toak glue-mould of
medallion of Rose.

Bought Flower's Osteology
of Mammalia and Vols
1 & 2 P.Z.S. Viet. I
previously had Vol. 2.

29. Sat.

Allau came in the
afternoon. we developed
some photos he had

taken.

30. Sun.

Made tools for working
in Plasticine mainly
out of old tooth brushes

July.
1. Mon.

wrote to Father. Made
plasticine model of a
Bactrian Camel.

2. Tues.

Made gelatine mould
and took cast of
Camel.

3. Wed.

State Polling day -
public holiday. Met
Whitelegg & Kesteven
at the Wharf. Picked
up Hedley and we
all went to Balmoral
beach in search of
beasties washed up
by the recent storm.
The only things fished
were egg case &

Heterodontus and a Diplocrepis.

NATURALISTS' CLUB.

A meeting of the Naturalists' Club was held in Vickery's-chambers, Pitt-street, on Monday night, the president, Mr. A. H. S. Lucas, being in the chair. The principal business was the reading of an interesting paper by Mr. T. Steel, F.L.S., on "Land Planarians," in which a general account was given of the group of animals classed as worms. The salient features of the structure and nature of these curious worms was described, together with the more interesting points in their life history and habits. An account was also given of their mode of occurrence, and of the best methods of collecting them. Mr. Steel said that prompt action was necessary in the way of collection and study, if the peculiar local species, the existence of which was threatened by the spread of population, were to be rescued from oblivion for the benefit of science. The paper was illustrated by a fine collection of well-preserved specimens, many of which are new species recently described by the lecturer. Other exhibits were also shown.

Arrangements were then made for a conversatione, to be held at the annual meeting. Messrs. G. J. Waterhouse and E. R. Waite were elected auditors.

4. Thurs.

Read proofs of paper
on Macropus isabellinus,
Hedley obtained 3 weeks
extra holiday & leaves
on Tuesday for Palmer
Island. Entered names

of recipients of my
papers, on the Card
System.

5. Fri.

Some cases having been
placed in the new
wing Etheridge asked
me to think about
furnishing it, it is
to be an extension of
the Osteological Gallery.

Visited Redman who
has a few British
birds eggs, (rubbish),
for the "Museum".

6. Sat.

Suggested to Etheridge
Supplying cases in the
new wing with Sternae
of Birds, he agreed
with my suggestion

that my sterna be
taken over in exchange.
Spent afternoon in
getting ~~up~~ them together
they being mostly
stored in the roof -

7. Sun.

wet. Spent day in
tidying-up workshop
& study.

8. Mon.

As Rose has been
a little troubled with
her eyes I took her
to Wood who found
slight astigmatism in
both eyes, he will
supply glasses for close
work. 30/- Learned from
Etheridge and later
from Mrs Palmer, both

Through letters from
Dr Vis, the Ogilby
was no longer in the
employment of the Queens-
land Museum. His
dismissal has come
sooner than we even
expected.

9. Tues.

English mail brought
letters from Father &
Aunt Longbotham, the
latter asks for a
further repayment of
£50. half now & the
balance in December.
My disbursements at
the end of July
will be very heavy.

Aunt - 25. 0. 0

Graham (Painter). 10. 0. 0

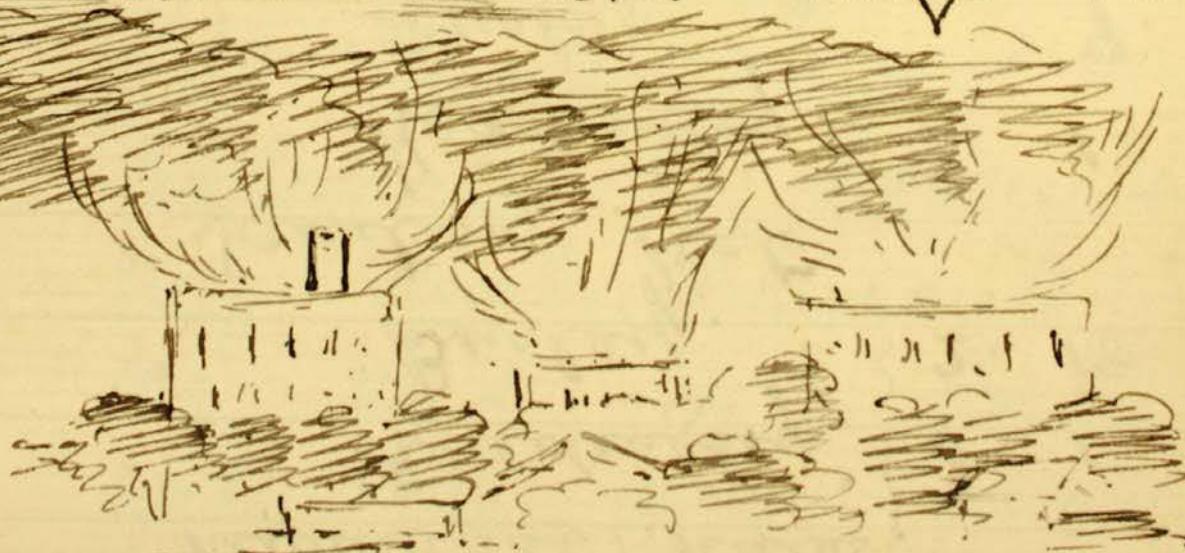
Gas.	1. 10. 5
Eaton (cement)	12. 9
Municipal Rates.	
"Headingley"	{ 3. 1. 10.
"Burley."	{ 2. 18. 9.
Sanitary Rate	
"Headingley."	12. 0.
"Burley."	7. 0. +
Spectacles -	1- 15. 0. +
Current Exps. -	5. 12. 6.
Corbett. building	15. 0.

* Paid to me by Loenholdt.

+ Includes 5/- difference between Nickel & gold rns for self-
Received from Birders
Edible Fishes (Ogilby) &
Hora Exped. 4 pts in 2
Vols. (15/-). Added a
shelf to one bookcase
in the dining room
& readjusted others.

10. wed.

From the boat this morning saw dense clouds of smoke & on reaching the city learned that Anthony Horden's Emporium was ablaze. From the top of the Museum we had a grand but awful sight, the entire place was alight and the immense blocks looked like huge craters



At noon went as near as crowd & police allowed. [191]

All the accompaniments
of a big fire were
present. The streets for
 $\frac{1}{2}$ - mile distant with
burning paper & fabrics
carried in the thick
clouds of smoke. Trams
stopped forming a train
of empties for more
than $\frac{1}{2}$ a mile long.
Received £e from Graham
£10 for painting house -
After Wilson paid me
the rent I went to
Council Chambers & paid
all a/cs owing: - namely
£ 6. 19. 7.

11. Thut.

North took over for
Museum exchange, four
bird skins: - viz., Tropic

Cotinga. Ripple-Bird and
Blue Creeper (S. Amer.)
value 30/-.

12. Fri.

Went to see a book
of fish drawings by
Capt. W. T. Wawn who
has just died here.

The fishes are easily
recognisable and have
native names of the
islands at which he
made the drawings. I
am to have loan of
the book. Saw also
ethnological sketches
will ask Etheridge to
see them. Wrote to
Father. Sent paper of
Horderius fire.

The buildings in which the business of Anthony Hordern is carried on were almost totally demolished by fire yesterday morning.

The fire at the Haymarket yesterday did immense damage, and was unparalleled in its fierceness.

The call for yesterday's fire was received by the fire brigade shortly after 8 o'clock, and every available man was ordered out.

Owing to the great concourse of citizens watching the fire George-street traffic was quite blocked, and the tram service demoralised.

Yesterday was the first occasion on which a fire has been cinematographed in Australia.

The fire brigade was powerless at the fire. It was quite impossible to arrest its progress.

A terrible tragedy, in connection with the fire, was witnessed by many persons standing at the Gipps-street corner of Belmore Park.

Harry Clegg, employed in the furniture department at Anthony Hordern's, was killed in making a tremendous jump for life.

The escape ladder, which was brought into requisition, was too short, by about 30ft., to reach the unfortunate victim of the fire.

The flames had tortured the doomed man Clegg before he took his fatal leap, his hair being singed and his flesh blistered.

Lieutenant Rickwood, of the Rocket and Life Saving Brigade, arrived with a rocket and line of the scene three minutes after the fatal jump.

Deputy-Superintendent Sparks encountered Clegg and two other men working with a hose, and he told them to run for their lives. Clegg stayed too late.

A huge explosion was averted by Superintendent Webb having the gas in the big gasometer at the rear of Hordern's run off.

Enormous quantities of water were pumped into the burning buildings, without apparently having the slightest effect.

The books and papers in connection with Hordern's business were saved. The damage is estimated at £500,000.

With wonderful enterprise Anthony Hordern's have arranged to carry on business to-day, having taken the Exhibition Building.

The demolished buildings and stock were insured for about £400,000, excluding small amounts taken out in offices in London.

13. Sat.

Being on late duty
was at Museum until
5.0. Learned that the
Curator's Annual Report
is in future to be
published in the "Records"
& be illustrated.

14. Sun.

Worked at ground out-
side the workshop.

15. Mon.

Allan having received
an order 21- first
prize for his drawings
& selected books for
him "Günther's Study of
Fishes." 157- and Natural
History Vol. of Concise
Knowledge library. Saw
at Angus & Robertson's [195]

1st 6. Vols. P. L. S. New
(1st Ser.) bound for
10/- per Vol. Rose ill
with very bad cold.

16. Tues.

Doing household work
morning & evening. Rose
in bed. Letter from
Haswell re Uterus of
Shark for publication
in my paper. Acknow^l-
led letter, wrote to
Farwell, congratulation
on his return to the
House -

17. Wed.

Received at Museum, a
small collection of little
fishes from Pleasant &
Oceans Is. (Dawson Power
& Stevens).

18. Thurs.

suggested to Sinclair
that he purchase the
first 6 Vols of P. L. S.
Mus., bound @ 10/-
per Vol, and give me
the Museum unbound
5 Vols (duplicates) at
the same rate, this
be agreed to Exchange
for Sterns.

19. Fri.

We had to day an
example of Chimaera
ogilbyi brought in, it
was found beached
at Manly, this is
the 8th known, but
is unfortunately again
a female. When I
receive the 5 Vols & [197]

P. L. S. NSW. my series
will stand as below.

Have as duplicates:-

1. Ser. III. 2; IV. 2. 3. 4;
2. Ser. IV. 4; V. 2. 4; VI. 2;

Require

1. Ser. VII 3; VIII. 3;
2. Ser. II. 1; V. 3; VI. 3. 4;
VII. 2. 3. 4;

Though I have one part
less than I can offer
I have of Vols I-VI. (all
stock burnt) 4 pts as
against 1 required. As
we may call this even
the cost to me has
been.

1. To Bob. 20. XI. 00. £ 2. 0. 0
2. Skuse. 6. V. 01. 5. 0
3. Value of Sternae 2. 10. 0
4. Subs. 1893 to date.

20. Sat.

Continued building of
wall and worked at
soil in yard. Letter
from Farnell, he will
continue magisterial
duties at Lord Howe Is.

21. Sun.

Mr & Mrs Dr Groen and
Hannah to tea.

22. Mon.

The new mineralogist
commenced work, he
was introduced to the
staff. C Anderson of
the Orkneys & Bea Hevis
Observatory. Sinclair
has arranged to pub-
-lish a number of
the 'Records' this week
to contain only urgent

papers. namely by
Rainbow Stealey & self,
were being on Maeropus
isabellinus. Bessie
Hoperافت came & stayed
overnight, she has
just recovered from
Typhoid, her hair is
2 metres in length -

23. Tues.

Paid Corbett 15/- for
building Horn Exped. &
"Edible Fishes". The
Chimaera proves a
great newspaper item
I had 2 reporters
yesterday & 4 to-day
to a Daily Telegraph
man I gave my line
drawing & lent the
original "wash" to the

'Mail' for reproduction.
Letter from Father -
wrote Aunt Longbottom,
would lend money
next week. Asked Sui-
Clair for Cheque on
Tuesday (Mail day)
instead of Wednesday,
the due date.

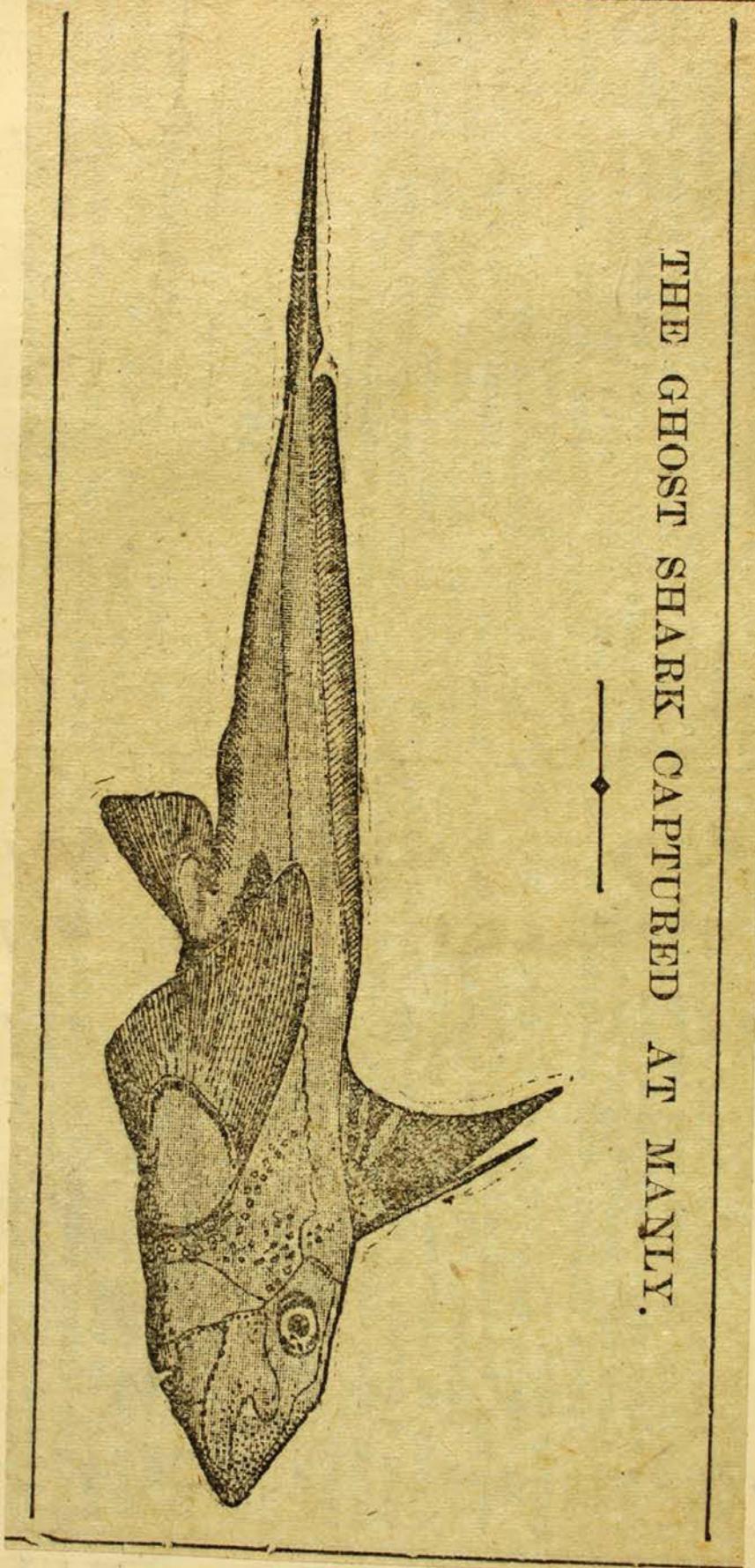
A RARE FISH.

An interesting discovery was made on the ocean beach at Manly the other day, when a quaintly-shaped fish was picked up on the sand. It had evidently been washed up by the sea. It was considered of sufficient interest to be taken to the Australian Museum, where it was recognised as a "ghost shark" (*Chimaera Ogilbyi*). So far as is known, only one other specimen of the kind has been found. The fish has been presented to the museum by Mr. A. G. Plate, of North Sydney.

"THE GHOST SHARK."

Mr. F. Farnell, M.L.A., writes, in connection with a paragraph in yesterday's issue referring to the finding of a "Ghost Shark" (*Chimaera Ogilbyi*), at Manly, that this is a new species, making the fourth known in the world. Mr. Waite, who accompanied Mr. Farnell on the trawling expedition in 1898, named the species brought in in the trawl *Chimaera Ogilbyi*, in recognition of the researches made on the fishes of Australia by Mr. Ogilby. That was the first time a specimen was ever obtained south of the Equator. All those found by Mr. Farnell were females.

THE GHOST SHARK CAPTURED AT MANLY.



24. wed.

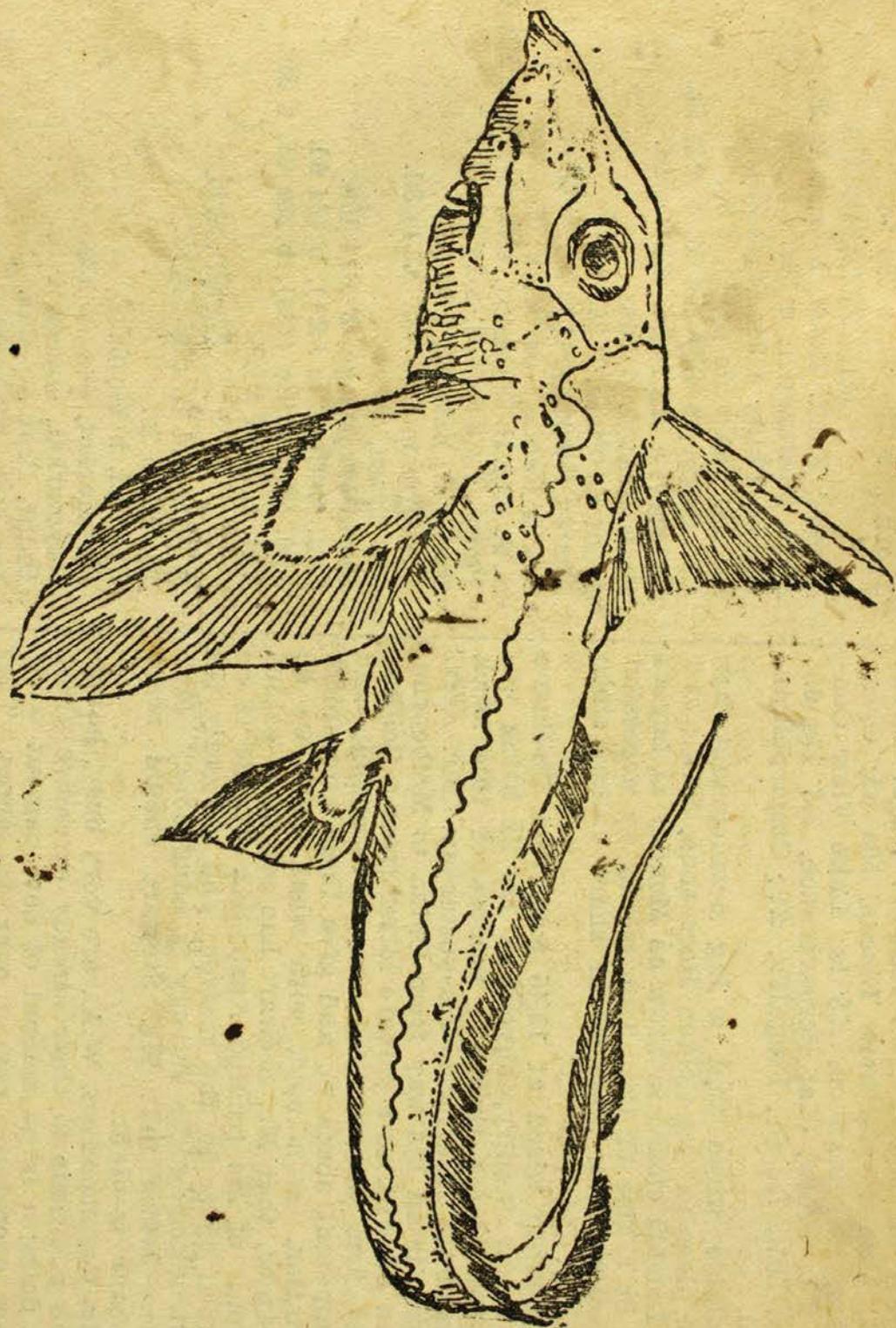
Called on De Groen re
electrie bell arrange-
ments, found all
the wires corroded &
the cells choked with
crystals of Sal Ammonia.
The zincs all vanished
& the Carbon brass
terminals corroded off
& lost. Took two of
the 3 cells away.

THE EVENING NEWS, T

THE GHOST SHARK.

The accompanying sketch illustrates the queer sea monster found at Manly Beach last week, and which, on being submitted to Mr. E. R. Waite, F.L.S., of the Sydney Museum, proved to be a "ghost shark" (*Chimaera ogilbyi*), a new species of deep sea shark, which was first discovered during the trawling operations of the *Thetis* in 1898, when several specimens were found in comparatively shallow water, viz., 70ft to 200ft, between Botany Bay and Port Hacking. It appears that members of the Chimaeridae family, of which there are four known species, frequent the abyssmal regions of the ocean, they having been found in depths varying from 1000ft to 7200ft in the North Atlantic. The fish is smooth-

skinned, and of a silvery hue, and armed with a formidable barbed spike on its back. Its rat-like nose is flabby as jelly, and contrasts strongly with its powerful teeth.



25. Thurs.

The cells being about useless, bought a new one, some wire, staples etc for Dr Green 4/3 also for self, book "Electrical Batteries" & 4 nos of "Model Engineer & Amateur Electrician". Spent evening chipping out porous cells etc from glass jars of the 3 batteries having taken home the 3rd to-day together with 2 bells, one of which I got to work.

26 Fri

Kellawell having asked me to meet Mr & Mrs Holman (the former

a flautist) on Sunday,
I spent evening in
repadding keys, but
without much improve-
ment.

27. Sat.

Further worked in the
ground, and at flute
adjusting mechanism
got into into quite
satisfactory condition.

28. Sun.

To tea at Hellawells
with Rose & Claude. Met
Mr. & Mrs. Holman, Music.

29. Mon.

Records pt 3. published
to day contains my
M. isabellinus, article.
+ note Urocytis ephalotes [206]

The present Part, No. 3, being ready is sent out
in advance of Part 2, which is in the press, but
waiting completion of the Plates.

30. Tues.

wrote Father & Aunt
sending to latter a
draft (Commercial
Bank.) 25. 6. 6.

Exchange. 6. 3.

Stamp. 1

£25. 12. 10.

being repayment of
part principal, £25,
& interest 6/6 to Sep 4th.

31. Wed.

Bought books £² each.

1. Uses of Animals
to Man { Lancester.

2. Man. his structure,
& Physiology { Knox

3. Nat History of
Brighton { Ed. Wallis.
fishes by Günther {

August.

1. Thurs.

Audited books of Nat.
Club. Had tea & spent
evening at Groen's.
fixed Electric Bell to
street door.

2. Fri

Got annual stamp for
Zoological album.
French Congo.

3. Sat.

The Mellawells to tea
etc I went to Percy
Bates' concert, it was
too popular. I had
previously heard a
man play two con-
certinas & to-night
one play duets on two
cotuets.

4. Sun.

Took Rose & Claude to
Tempe, stayed to tea.

5. Mon.

Public holiday. Being
my week on late
duty I was at work.

6. Tues.

Letter from Paterson
asking if I would
join Cycle party to
Prospect Hatcheries on
Sunday. Attended annual
meeting Nat. Club. I
again refused a seat
on the council.

7. Wed.

Etheridge sent round a
Memos. asks for results
of examination of the
material collected by [209]

Power & Stephens on Ocean
& Pleasant Is. He has
idea of publishing a
separate "Record" for
this work. This being so
the parts will probably
be:- 3. just issued -

4. Whitelegge - Spouges.
may { 5. Papers by staff.
reverse { 6. Ocean & Pleasant Is.
Lunched with Paterson
arranged to accompany
party on Sunday, train
to Parramatta.

8. Thur.

All to tea at Dr Groen's
fixed an extra cell
for electric bell. [210]

9. Fri

Sinclair paid me £3.
for 6 vols. PLS. now.

10. Sat.

Wey week on late
duty, Paid gas &c
£1. 10. 5.

11. Sun.

Left by 9.0 boat &
joined Party at the
station, train to
Parramatta & cycled
to Prospect Reservoir &
back to Parramatta.

12. Mon.

Went to Italian Opera
'Aida' with Phillips. [21]

13. Tues.

Paid £3 to Angus & Robertson's for P.L.S. N.S.W.
10/- Water rate for
garden. Mr. Turton, who
carried a letter of
introduction from Father
called to day. He is
Globe-trotting. Received
drawing of a fish 6' 2"
in length caught at
Meringuey. It is un-
doubtedly Cuvarius
an pelagic addition
to our fauna. Rec'd
40 reprints of paper
on Macropus isabellinus
& sent some by the
mail. Wrote to Dad.

14 Wed.

Went to Philharmonic

with the Hellawells.

15. Thurs.

Received from Eden a
10-foot example of
Cetorhinus maximus
another addition to the
fauna of the state.

Bought Mackintosh from
Joseph. He asked me
to look at a medical
coil, out of order.

16. Fri.

Went with Paterson
& party to the opera
'Il Ballo in Maschera'
not equal to "Aida".

Received from U. S.
Fish Commissioners 40
reprints of fish papers.

17. Sat.

Wet - Overhauled the

THIS (FRIDAY) EVENING,

VERDI'S Famous Opera—

Un Ballo in Maschera

Will be sung by the following Brilliant Cast :—

CHARACTERS—

Riccardo	...	COMMENDATORE VINCENZO LARIZZA (Governor)
Renato	...	...
		Signor BOZZOLI (his Secretary)
Amelia	...	...
		Signora LINA DE BENEDETTO (Wife of Renato)
Ulrica	...	...
		Signorina MARCOMINI (a Witch)
Oscar	...	...
		Signorina VACCARI (a Page)
Samuel	(Enemies of the Governor)	Signor TRAVAGLINI
Tom		Signor TONDINI
Servant o melia	...	...
		Signor CANNONIERI
Silvano	...	...
		Signor PATRIAN
A Judge	...	...
		Signor SAVANI

CHORUS—Deputies, Officials, Sailors, Guards, Women and Children
of the People, Masquers, &c.

ACT I.—Hall in the Governor's Castle.

ACT II.—Interior of the Witch's Hut.

ACT III.—A Solitary Field.

ACT IV.—Scene 1—A Study in Renato's House.

Scene 2—Room in the Count's Castle.

ACT V.—A Masked Ball.

Medeal in
most of the connections
corroded.

18. Sun.

Mrs Napierapt & her
2 sons came to tea.

19. Mon.

Paid Joseph £1. for a
satui lined Mackintosh
& 2/6 for the worn-out
medical coil. Bought
binding screws & wire.

20. Tues

Fisheries Dept. sent 3
Salmo fario from New
Zealand, the largest
weighed 17 lbs. We are
to mount 2 for the Dept.
Received proofs of paper
titles of West Aust No 2.

21. Wed.

Received proofs of paper
on Galeus antarcticus.

The fish gallery opened
to-day. Hedley returned
from his six weeks
holiday but had had
bad weather on the
reef. Worked at the
medical coil rewired
it throughout & after
cleaning the connections
& attaching to Leclanche'
Cell got a current through
22 Thurs.

A cold I have had for
a couple of days settled
on my chest so I
stayed at home & nursed
it, turpentine, medicine,
etc. Got up to tea &

Catalogued papers from
U.S. Fish Comm.

23. Fri.

Returned to work. Nedley
has brought from the
'Barrier' some fishes I
have not before seen.

Received notice to connect
with sewer our two
houses. Wrote to Dad.

24. Sat.

Saw Wilshire & asked
him to see the sewer-
age matter through. He
inspected the connections
which I exposed for
him. He considers it
will be cheaper to
erect a new W.C.
than connect with the
present structure: the

most expensive connection
will be the bathroom.

25. Sun.

Worked the medical battery
& got it to go well. I
renewed woodwork, eaten
away with the acid
& made it respectable.

26. Mon.

Again saw Wilshire re
sewerage. Sent letter &
my fish papers to
U.S. Fish Commission, the
latter through Exchange
Bureau.

27. Tues.

As my cough has in
no way diminished I
went to Tempe. The Dr.
recommended an "atom-
izer" which I bought

& used Peruvian Potas
as an antiseptic and
Oleate of Mercury applied
externally to seat of
pain. He gave me a
cheque £3. 3. 0. in
respect of photos taken
for him some time
ago.

28. Wed.

Letters from Father &
Nellie Beale. Pt 4 of
"Records" published. the
Curators' Report only.
Wrote note on Harpe
Vulpina. The plumb of
Hedley's fishes is Eleotris
longipinnis last night
slept better than for
a week past, thanks
to the "atomiser".

29. Thurs.

Turned out some old
drums of fishes - one
contained about ten
from Lord Howe Is.
Curiously enough, three
of these were species
described by me, viz
the 2 Holacanthus and
the Chætodon. Having
some idea of spending
holidays at Eden, wrote
to Boyd as to the
best time for whaling -

31. Sat.

Naturalists' Club Excursion
to Balmoral I went
on the Bike.

MATHESON & JERVIS
Stationery Emporium,
18 QUEEN VICTORIA MARKETS
GEORGE STREET, SYDNEY.

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AMS 587/43

