



6
No 49.

1903.

October 1.
to

1905

February 28.

Edgar R Waite

1903
October-

1. Thurs.

wrote to Mrs Potts &
went aboard "Tambo"
leaving to-day Saw
Kirby who has come
for a holiday. Com-
menced alteration of
the incubator. I am
lowering the water trays
or rather the position
of them so as to leave
a deeper space for the
egg-drawer.

2. Fri.

Finished alteration to
incubator Received from
Wiedlaunders, Forsters
Deser. Anim. 1844. 67. [2]

3. Sat.

Bought some egg for
the incubator and
started the machine
Maude & Laura Lucas
came the former stayed
One of our hens has
become broody, we
lent it to Mr. Neeson.

4. Sun.

Placed 45 egg in the
incubator.

5. Mon.

Public holiday 8-hour
Day I was on duty
& saw the procession
as it passed the Museum.
Wrote to Wilfrid, Roebuck
& Chadwick. Bought "Noble
thoughts ⁱⁿ Noble minds
Language" 2/6

6. Tues. ⚓
Ack^d Forster's Descr.
Anim. from Friedländer
& ordered Cuvier's Règne
Anim. (Ed. 2.) 1829. We
received a Dromicia raua
thus establishing the
species for the mainland

7. Wed.
Attended General meeting
M. M. S. to consider the
financial position & the
programme. The motion
to perform comic opera
to raise funds was car-
ried by 30 to 14. I secon-
ded an amendment that
music only be attempted.

8. Thurs.
The incubator is not
working well and the

reason is probably an attempt to run it more economically. To this end I put only sufficient water in the tank to cover the flue. Went home at noon & filled it up. Sent a supplementary order to Friedländer for Kossman & Räuber's Fische Roth. Meeres. wrote to Oldfield Thomas.

9. Fri.

The lowering of the egg tray necessitates an increased heat in the tank, this seems to have expanded the thermostat to its utmost & therefore rendered it incapable of [5]

raising the damper
under increasing heat.
Put runners under the
drawer to raise it.

10. Sat

On late duty - paid
5/- for binding "Boehm
Flute". Commenced work
on an outdoor brooder
using a half cask.

Ack^d from Glo Down
from Albany. Rent paid?

11. Sun.

Finished brooder & turned
chick into run. Went
to Carlsruhe with Maude
Lucas to tea. The in-
cubator has now steadied
down and all should
be well provided that
no harm was done previously.

12. Mon

Fetched Music Stands
they having remained
from last concert ~~last~~ R

13. Tues.

Took Maude Lucas and
Rose to "As you like it?"
The Shakespearian Co.
only play 3 pieces, all
of which we have seen.

14. Wed.

Letter from Nellie Beale.
Commenced a bibliography
of the Fishes of L. H. Is.

15 Thurs.

Concluded bibliography
there being 24 entries
Thackeray of A. F. A.
wrote asking me to
give them a lecture
on Fishes.

16. Fri.

Wrote Thackeray and
declined invitation
wrote Spencer & sent
him reprints, I hear
that Kershaw, Curator
of Melbourne Museum
is about to resign
being consumptive -
Kirby of L.H.S. called to
see me I asked him
to dinner on Thursday
Obtained and set 13
eggs under a fowl.

17 Sat

Letter from Nellie Beale.

18. Sun.

Took Claude and Dash
for a walk.

19. Mon

Water &c paid £2-18-9 [8]

20. Tues

While working at the
Myctophidae to-day
I received letter from
Prof. Jørgensen in answer
to one I wrote to
~~Collett~~ (who died in
Lütken / 1901). He
verifies my determination
of M. hygonii.

21. Wed.

Attended Chorus practice
of M.M.S. and saw
gladly re orchestral
parts of "Mikado".

Ordered $2\frac{1}{2}$ " Oak
moulding & gilt flat
6 lengths of each for
picture framed $17\frac{1}{4}\frac{1}{2}$
Rt Duo Dramatique
Vols. 2-3. $\frac{1}{7}$

22 Thurs.

Kirby (Lord Howe Is.)
and Allan went home
with me to dinner.

Bought Nutre Block
(with iron guides 4/6)
and tenon saw 4/—.

23 Fri

Ordered bag - cement.

Cut some of the gilt
flat for picture frames.

24 Sat

Cut molding and put
some of it together.

Am taking next week
off as part of my
holidays. Found one
chick in the incubator
drawer.

25 Sun.

Made one frame parts

of others. The incubator yielded 23 chicks to-day. Rose & Claude went to Carlruhe and I followed later, after attending to the family in the brooder.

26. Mon.

Made run for the older batch of chicks.

7 more chicks hatched making a total of 30 out of 45 eggs "set".

~~Gold~~ Following are particulars

Go	Set.	Infert.	Added. (or died.)	Yield.
Gold Cob.	12	2	0.	10
Jarvis	9	0	2	7
Meyson	4	0.	3.	1
Rose	12	1.	6.	5
Georgeson.	8	0.	1.	7
	<u>45</u>			<u>30.</u>

A percentage of $71\frac{1}{2}$.

Of those 'addled' half
had just failed to chip
the shell. This circum-
-stance in the previous
hatch I attributed to
the too frequent opening
of the drawer, I now
believe it to be due to
the abstraction of heat
consequent on removal
of living chicks. As
live chicks are removed
the damper should be
lowered to maintain
the temperature. - At
home, the first day
of a weeks holiday-

27. Tues.

Made 4 frames. Mr
Meyson sent in some
eggs deserted by a [12]

sitting here. I put
them into the incubator
which I was about
to cool down.

28. Wed.

Letter from Boulenger
in reply to mine re
L. H. ls. Symnothorax
he says it is Thyrsoides.
Went to town, bought
supplies including glass
for picture frames.

29. Thurs.

Had arranged picnic
with the Lucas family
but only Maude, with
Marjorie turned up.
We went to Middle
Harbor where I exposed
3 plates 5 & 4.

30 Fri.

Made 3 more frames
and sized & varnished
all the seven.

31 Sat.

wrote to Mr Polts &
Went to town. aboard
Titus which replaces
missing "Ovalau", now
9 days overdue. Saw
Kirby & gave him a
framed photo of Rose
for Mrs Nichols. Got
gilt mounts and cut
4 openings in each
of 2 & mounted 8
of Uncle's sketches.

Met Beach Hopcraft
asked him to tea
tomorrow. - Hatched
Mrs Meeson's chicks.

November.
1. Sun.

Beauch. Itopcraft
came in the afternoon
& with him fetched Mr.
& Mrs. Hallowell to tea.

2. Mon.

On receiving pay cheque
bought Summer Suit.
Heard that North is
suffering from 'Addison's
disease' (Supra Renal
Capsule) though the
news is not official
& wants confirmation.
Returned to Museum
after weeks holiday.
Wrote to Nellie Beale
News from Noumea,
the 'Ovalau' is burnt
& sunk at L. Howe Is. [5]

all passengers and crew
safe. Attended Committee
meeting of M. M. S.
heard applicants sing
for position of principals
& selected cast.

Although they have lost the Ovalau, Messrs. Burns, Philp, and Co. intend that there shall be no interruption in the service. The steamer Titus was despatched on Saturday evening, carrying passengers, mails, and cargo for Lord Howe and Norfolk Islands, and the New Hebrides. Arrangements have been made for the steamer Isabel to leave here on Saturday next. She will proceed directly to the Solomons and Santa Cruz, but on the homeward journey calls will be made at Vila (New Hebrides), Norfolk and Lord Howe Islands.



LORD HOWE ISLAND.

ject." This view, voiced by the manager of an insurance company, was generally shared in.

THE FIRST NEWS.

CABLE TO THE M.M. CO.

The M.M. Company received the first news of the disaster to the Ovalau. Captain Bourge, of the Pacific, which called at Lord Howe Island in search of the Ovalau on her way to Noumea, cabled to M. L. Bricard, the acting agent for the M.M. Company at Sydney:—

"A fire broke out on board the Ovalau, and the vessel sank at Lord Howe Island on October 20. All hands were saved. Owing to the heavy sea, communication with the island difficult."

A later message stated:—"All hands on Lord Howe Island. An explosion occurred during the fire. Three firemen injured. Stayed at Island as little time as possible, because assistance coming on Sunday."

The assistance mentioned in the cable is the steamers Captain Cook and Ysabel.

THE OWNERS' MESSAGE.

Messrs. Burns, Philp and Co. have received the following cable from Noumea:—

"Pacific has arrived. She reports that the passengers and crew of the Ovalau are safely landed at Lord Howe Island."

"The Ovalau arrived there on the 19th, with fore-hold on fire."

During the night an explosion occurred, and the vessel sank in deep water early on the morning of the 20th, at her anchorage.

"Nothing can be seen of her. Pacific had bad weather there."

It will be seen from the above cable that the Ovalau arrived at Lord Howe Island to schedule time, and that the outbreak of fire took place prior to arrival. Captain Todd, it is thought, landed the passengers and endeavored to get the fire under, but, an explosion occurring, tore her plates asunder, and she foundered in deep water.

FIRE OCCURS IN THE FORE-HOLD.

NOUMEA, Monday.—The French mail steamer Pacific has arrived here. Capt. Bourge reports that the passengers and crew of the Ovalau are all safely landed at Lord Howe Island. The

Messrs. Burns, Philp and Co.'s branch business at Port Vila.

Captain DAVIES, a well-known island skipper who is returning to Sydney. He formerly held command of Messrs. Burns, Philp and Co.'s auxiliary schooners Malekula and Hercules, employed in the inter-State trade of the New Hebrides.

Misses GLISSON, from Undine Bay.

Mrs. DUNN, the wife of a planter at Undine Bay, who was also coming to Sydney on a visit.

Miss MUIR, of Undine Bay, daughter of a well-known planter.

Passengers who embarked at Norfolk Island were:—

Mr. ALEX. OLIVER, President of the Land Appeal Court, who had been appointed by his Excellency the Governor as a Royal Commissioner to inquire into a number of land disputes at Norfolk Island in accordance with a promise made to the settlers by Sir Harry Rawson during his recent visit in H.M.S. Royal Arthur. Mr. Oliver has completed his mission, and is returning to Sydney.

Miss OLIVER, daughter of Mr. Alex. Oliver, who made the trip on pleasure.

Mr. M. V. MURPHY, a surveyor in the charting branch of the Lands Department, who accompanied the Royal Commissioner on his visit to Norfolk Island.

Rev. C. M. ALDOUS, formerly chaplain at C. M. ALDOUS and child.

Miss MOFFITT, daughter of the late signal-master at Flagstaff-hill, who has been on a visit to the island.

SEARCH STEAMERS AT LORD HOWE ISLAND.

PASSENGERS AND CREW COMING TO SYDNEY.

BY THE CAPTAIN COOK AND YSABEL.

The search steamers Captain Cook and Ysabel have both reached Lord Howe Island. The Captain Cook would arrive there on Saturday night, and the Ysabel should get there during Sunday afternoon.

Provided the weather admitted, the passengers and crew would join these steamers and come on to Sydney. The Captain Cook will probably bring Lord Boringdon, Mr. Alex. Oliver, and Miss Oliver, and a few others, and she may be expected to arrive any moment. The Ysabel would embark the remainder of the passengers and also the whole of the crew of Sydney. Messrs. Burns, Philp, and Co. look for the Ysabel on

ings. The second cabin, which was forward on the main deck, was fitted with every convenience.

The steamer had three large hatchways, with steam winches, also steam windlass, and the seamen and firemen had most comfortable quarters in the fore-castle. The engines were on the quadruple expansion principle, the cylinders being 14in., 21in., 28in., and 41in. in diameter, and the length of stroke 36in., with all modern improvements.

NORFOLK ISLAND SHIPMENTS.

No particulars are to hand regarding the Norfolk Island cargo. This consisted principally of island produce. The steamer also had a shipment of whale oil from Norfolk Island.

THE INSURANCES.

The Ovalau was insured for £13,000, the North Queensland Insurance Company holding the prime policy. Reinsurances have been effected in other local offices, one or two lines being also placed in London.

Of the cargo, the United Insurance Company hold between £3000 and £4000, but most of this is reinsured in other offices. The North Queensland Marine Company also have about £2000 on the cargo.

VESSEL AND CARGO REGARDED A TOTAL LOSS.

VALUED AT £25,000.

THE CRUISE OF THE OVALAU.

"We look upon the Ovalau as a total loss," said Mr. Lucas, manager of the Island department for Messrs. Burns, Philp, and Co., yesterday, and he added "there appears no hope of saving anything from the ship. The loss is a severe one to all concerned. The ship is valued at £15,000, and she is only covered to the extent of £13,000. The value of the ship and cargo might roughly be put down at £25,000."

The Ovalau, Mr. Lucas went on to say, was on her second trip, under Messrs. Burns, Philp, and Co.'s flag. She left Sydney on September 21 last on her second excursion trip among the Islands, and after visiting Lord Howe and Norfolk Islands on the outgoing trip proceeded to Vila, in the New Hebrides. Thence her track was through the Solomon Group, calls being made at Rua Sura, Aola, Neal Island, Gavuta Island, Morovo Lagoon, Gizo, and Simbo. The Shortland Islands were then visited by the Ovalau, the steamer touching at Awa and Faure. Starting on her return trip through the

4. Wed.

First anniversary of
Father's death. Received
letter from Wilfrid.
& Newspaper from Mrs
Waite announcing death

THE LATE MR. WASHINGTON
TEASDALE.

DEATH OF A NOTED LEEDS SCIENTIST.

The death is announced of Mr. Washington Teasdale, of Leeds. Mr. Teasdale was attending the recent meetings of the British Association at Southport, and while there was seized with illness, which proved fatal. He died on Saturday night at the age of 73. Mr. Teas-



dale was known in Leeds as the doyen of local scientists. He was a civil engineer by profession. He went to India in connection with railway development. In India he remained for several years, and such was the mastery that he acquired over the native language that it is said that even up to his death he preserved the habit of thinking in Hindustani. His home in Hyde Park Road was a treasure-house of scientific apparatus, works of art, interesting curios, etc.

In astronomy and photography he found his chief delights. In photography he was among the pioneers.

Made photo post-card
 5. ~~Wed~~ Thurs

Attended meeting of the
 Club. = Morris on China

6. ~~Thurs~~ Fri. ~~At Home~~

Bought grey hat. 10/6.
 & more photo post cards.

7. Sat

Trawling and dredging
 with U.S.W. Nat. Club,
 I took home and put
 into Aquarium, a young
Syngnathus galeatus
 & *Centropomus australis*
 Rose took Claude to
 see Dr. Vause who said
 he is suffering from
 Catarrh of the throat.
 Maude Lucas in the
 evening.

8. Sun.

[20]

Attended to Aquariums
and found all in
good condition.

9. Mon.

On duty. a public
holiday King's birthday

Gobius waitii Sarnau

Bull. Mus. Comp. Zool.

XXXIX, p. 234, pl. III. fig. 3.

[19a]

Musical instruments 1/-

10. Tues.

Bought "Imperial Speaker" 4/-
having tender remembrance
of this book at a very
early age.

[22]

8. Sun.

[20]

Attended to Aquariums
and found all in
good condition.

9. Mon.

On duty. A public
holiday King's birthday
wrote to Wilfrid &

sent p. card to Mrs W.

wrote list of N. L. W.'s
Shark & Rays for C.

Thackeray for publication
in a fishing book.

Bought "Many thoughts
of many ^{minds} things" 3/-

& "Musical Instruments" 4/-

10. Tues.

Bought "Imperial Speaker" 4/-
having tender remembrance
of this book at a very
early age.

[22]

11 Wed.

Received rent £4. 11. 6d.
+ notice from Wilson to
expire " on or before May. 10.
Sent receipt + accepted
6. months notice to
expire May 10th 1904.
Left handbag in train.

12, Thurs.

Am working at Fishes
collected in N. Hebrides
by Quaipe. Rose and
Maude Lucas to the
Theatre "Country Girl."

13 Fri

Visited the Kemps for
purpose of returning a
book lent to Rose but
found that all except
Mr. Kemp were out.

14 Sat.

Being on duty I was at Museum all day. At noon I took Allan for a swim to Cavill's baths (floating) and on lifting some boards saw the most exquisite growths of animal life possible. The beams never being exposed and always remaining submerged to the same degree possibly support a deeper water fauna. That if subjected to tidal influence. In the afternoon Maude Lucas visited Rose and remained overnight.

15 Sun.

All went to gardens in the afternoon.

16. Mon.

Claude's cold (see 7th)
was the forerunner of
whooping cough which
has developed, possibly
in a mild form, obtained
remedies including "Dr
Jenner's Emulsion".

17 Tues.

Sent Post Cards (photo.)
to following as Lucas
Greetings

W. Gayle Clarke. (Gannet.)

W.D. Roebuck. (E.R.W. L.H.I.)

W.L. Chadwick (Garden Gate)

Nellie Beale. (Rose)

Aunt Longbotham (-).

Wilfrid (E.R.W. L.Howe Es.).

Accompanied Mrs Lucas
& the two girls to see
Miss Smithurst off to [23]

Tamoa by "Manapouri"
timed to leave 11. pm.

18. Wed.

Letter from Wilfrid &
Prof. Vaillant, the latter
in further reply to mine
re Dasy Scopelus, it ap-
-pears that mine is dis-
-tinct from D. currieri.

A paper from Ogilby
on Queensland Fish
in which "Mr Waite"
figures largely. Florrie
Davidson visited Rose.

19. Thurs.

Rose went to see Mrs
Rucas in evening as
Marjorie, like Claude,
has whooping - cough.
Gave Sinclair papers to
complete Museum set of
my Australian work.

20. Fri.

Letter from Jordan ^{re}
Microperca. Castelnaud.

21. Sat.

Rose learned from
Katie Hopcraft that
her brother, Beauch.
had contracted scarlet
fever.

22. Sun.

Went (all) to Bronte
Called on De Groen
& Mrs Hopcraft to
enquire after Beauch
who has gone to the
Coast Hospital.

23. Mon.

Wrote to Spencer for
an example of Micro
perca. Went to
'Carlsruhe' to see Capt

Wetherall who has
just returned by the
Tambor. letter from
Mrs Polto.

24 Tues.

Rose received letter from
Marie. My papers sent
to Publications Com.^{tee}
Laura Maude and
Wetherall came in the
evening.

25. Wed.

Learned that North
is not a victim of
Addison's disease and
is in fact well again
Attended meeting of
Runean Soc. the
last of the year.

26 Thurs

A hot day. Received

papers from Publications
Committee approved

27. Fri.

Hick at
Newman's
Bay.

INSECT FRIENDS AND FOES.

CATERPILLARS AND BUTTERFLIES.

A REMARKABLE VISITATION.

The onward march of myriads of caterpillars and butterflies—the latter particularly of the white species—is just now engaging the attention of residents of the city and suburbs.

From Hornsby to Milson's Point, on the one side, and from Penrith to the Botanic Gardens, on the other, reports are pouring in to the Department of Agriculture regarding the appearance of the insects. Professional and amateur gardeners alike are securing samples, and forwarding them for identification, with a view to ascertaining whether the fruit trees and vegetation are likely to be affected by their presence.

Yesterday a representative of "The Daily Telegraph" called at the Department of Agriculture, and elicited some general information from the Government Entomologist regarding the intruders.

Referring to the white butterfly, he remarked: "This species, *Belenois Java* Sparrman, formerly known as *Pieris teutonia* Fabi., is one of our commonest 'whites,' and generally reappears after intervals of several years in unusual numbers. They feed on the native capparid shrubs (wild pomegranate), and are not recorded as a crop pest. They may be found on the shrubs in the Botanic Gardens at almost any time.

"It may be pointed out that these butterflies are not the mature form of the 'army caterpillar,' now doing so much damage throughout the State. The latter are the caterpillars of a light-brown colored moth, *Leucania unipuncta*, which is also reported as doing considerable damage in Queensland at the present time. The Government Entomologist of the northern State recently reported upon the depredations of the pest there."

Throughout yesterday there were many calls at the department by persons anxious to know whether any evil effects were likely to follow the appearance of the insect army.

28. Sat.

Mande Lucas came
to tea and we all
went to town in the
evening for supplies
for tomorrow.



29. Sun

All spent the day at
Bronte. picnicing.

30. Mon

wrote to Fanny Bowling
& Rose to Marie.

finished determination
of New Hebrides fishes

December.

1. Tues.

Sent photo post cards
to Lord Howe Island.
Farnell, Mrs Nichols
Thompson. Retirock
Lunis Stevens. Asked
Mrs Nichols to return
the Museum key, so
that I may include
any new records etc
in my paper & Cat^g.
Received reply from
Spencer in answer to
mine of Nov. 23rd.

2. Wed.

Attended Chorus practice
of M. M. S. Mikado.

3. Thurs.

Mrs Hopcraft went
home with me & stayed

overnight. I spent the evening at "Carlsruhe" to meet Mr. Precious.

4. Fri.

Made alterations in L.H.I. Fish paper consequent on Boulenger's determination of Gymnothorax kyrsoidea and Vaillant's remarks re Dasyseopelus cuvieri.

5. Sat.

Saw Brodie by his appointment, He has had a letter from West Aust. The Government are going in for trawling as a test and the letter is a "feeler" to find if it would be possible "to obtain the services of Waite". Before going

• further. Brodie wanted to know if, personally, I would be willing. I assured him 2 yes. Maude Lucas came and stayed the night. Mr McCulloch enquired about my incubator and may be a purchaser.

6. Sun.

After seeing Maude well on the way home we took train round to Nelson's point, thence home.

7. Mon.

Attended Committee mtg. of M. M. S.

8. Tues

Handed in eight plates two by myself, the rest

by Allan. They contain
24 species and are
in illustration of
R. H. I. Fishes No. 4.
Letter from Paterson
offering tickets for
Cricket test match.
Declined owing to being
on late duty and
having Whooping-cough
in the "family".

9 Well.

Allan drew Monacanthus
analis, for a text
figure. Looked out
names for some of
the new species. P.C.
from Vaillant ackd.
my papers. November
"Naturalist" has portrait
of Washington Teasdale.

10 Thurd.

Just as though nothing
had occurred. Wilson
brought in the cheque
for rent, the first
"personal" payment
he had made for a
long time. Rose with
Lucas family to a
Church festival to
commemorate opening
of new building. I
had practice at the
Nikado from a score
I bought from Whitelegg.

11. Fri

Etheridge tells me that
my ^{two} large papers
will ~~not~~ be published
in the forthcoming No
of the Records as it

is if possible to be
issued this year. The
next we at present
intentions is to be de-
voted solely to my two
papers and is to be
put in hand as soon
as the current one is
issued. Spent evening
with Mrs Lucas, it
being her birthday (57.)

12. Sat.

On late duty. Wrote
to Wilfrid & Jordan

13 Sun.

Being a hot day, we
we did not go further
than our beach, taking
Claude down in the
afternoon. I attended
to bush-house.

14 Mon.

Commenced balance of
my annual leave, of
which I have a fortnight
from "New York Commercial"
Oct 20th.

Science and Industry.

Edgar R. Waite of the Australian Museum at Sydney, in support of Mr. Henschel's account of the duet that his bullfinch and canary used to sing, cites a somewhat similar feat performed by two magpies. The first one had been taught a simple little song, which he piped very often and accurately, even maintaining it exactly in F, the key in which it was first given to him. A second magpie was purchased, and this bird soon learned the tune from the other one. When the first bird commenced its song the newcomer immediately came to attention, and with half-open beak awaited a certain note, at which point the other bird stopped, and the song was finished by the second singer. No matter how far separated, if the birds were within hearing distance of one another, the duet was always sung in this way.

In afternoon I took Cora
& Claude and Maud
Lucas to Manly. On [35]

board we met Mr. R. Wilson he had tickets for the opening of "Shooting the Chute" we consequently got in earlier than we had anticipated. I took photos, we had tea in Maunly.

15. Tues.

Commenced to make a steam boat for Claude of zinc 2 feet long.

16. Wed.

Letter from Wilfrid.
Polling day, On three separate occasions I took Rose Mrs Lucas & Maude to the booth. This being the first opportunity of using the female franchise.

Went to town, bought
photo papers etc.

17. Thurs.

The result of the poll
for the federal Senate
for NSW is as follows.

'Our' three men elected.
Three only required.

NEW SOUTH WALES.

GRAY, J. P. (O.)	130,032
NEILD, J. C. (O.)	128,989
PULSFORD, E. (O.)	127,659
GRIFFITH, A. (L.)	66,771
COLLINS, N. T. (M.)	45,495
CUNNEEN, J. T. (M.)	40,641
MORONEY, J. O. (S.)	19,355
THOMSON, A. (S.)	14,033
FLETCHER, H. (M.)	14,581
BENTLEY, M. A. (O.)	12,055
MARTEL, N. A. (O.)	11,914
DRAKE, F. H. (S.)	11,128

Allan brought proofs of
paper Phascolale blythi.
Letter from Bashford
Dean & 2 examples of
Microperes, Cast. from
Spencer

Rose visited Mr. Down
at Annandale and
said Mr. D. wished to
see me at Musical
Evening Tomorrow.

18. Fri

Received formal invitation
from Mr. Down & went
out to dinner. We had
music. Violin, Flute
Cello, Piano. Voices.

19. Sat.

Maud Lucas came &
stayed overnight.

20. Sun

Stormy at night Maud
again stayed & left.

21. Mon

early for home. Longest
day. Went to town
& bought toys etc. [38]

a purse for Rose &
a music book for
Mrs Lucas. At night
I visited practice, of
principals, 'Mikado.'

23. Wed.

Maudie Lucas brought
'I don't passin' hence'
for Rose & toy for
Claude.

24 Thurs.

wrote to Watts with
view of taking some
further lessons, I got
the flute part of the
'Mikado' from Truman
and it is a bit stiff,
Rapid work... Saw
Watts in afternoon &
arranged for tuition
Mondays & Thursdays [39]

Bought box handker-
chiefs for Maude &
boxes of chocolates etc.

25 Xmas.

Visited 'Carlsruhe' and
delivered presents. Fixed
Engine in model boat.

26 Sat.

Made copper boiler, &
filled in time with
flute practice.

28. Mon

Resumed work at the
Museum. Rose invited
Ann Nichols for Wed.
Visited Watts at his
house at Waterloo &
had flute lesson. At
night, having Engine
boiler & all in order
attempted to test the

Steamboat when some
spilled spirit ignited
melted off the leaden
fly-wheel & generally
spoil the whole concern!
Friedlaender sent me
the works ordered viz:-
Cuvier 2nd Ed. 1829

5 Vols.	7. 0
postage	3. 4

Kosman & Rauber

1 part	2. 6
postage	4.

29. Tues.

Rose & Maudie went to
the Theatre, I bought
Boosey's Exercises for the
flute.

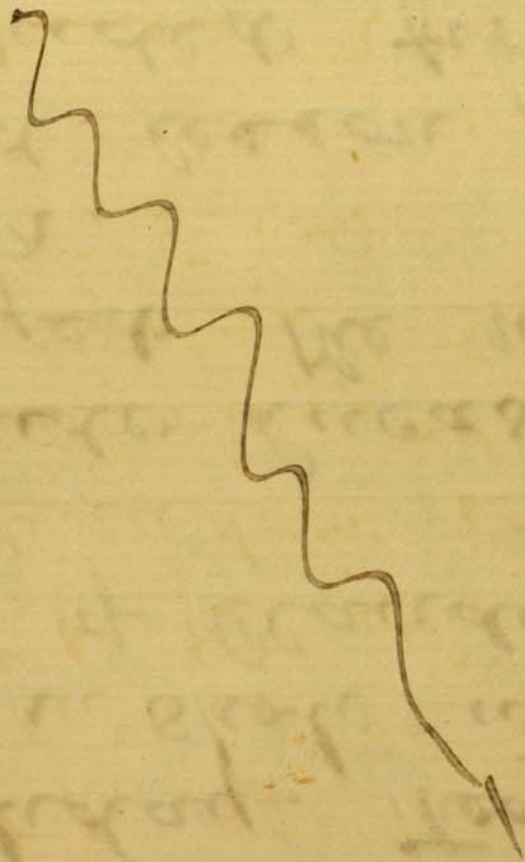
30. Wed.

The incubator sent
away to Parramatta.

Saw proofs of plates.
L. H. Island. Fishes.

31. Thurs.

Had a lesson from
Watts, Received photos
from Wilfrid in charac-
-ter "Knox" in "School"
sent out notices of
Orchestral practice of
M. M. S. for Monday.



Jan.

1904.

1 Fri

Holiday. Took some
snap shots including
one of Claude.

2 Sat.

Maudie Lucas came &
stayed the night.

4 Mon.

Had lesson, Watts.

Attended first. Resumed
practice of M. M. S.

5 Tues.

Went to see Paterson
in private hospital
attack of pneumonia
commenced work on
West Aust. Fishes. A
letter from Fanny
Bowling. Attended
Committee. M. M. S.

7. Thurs.

Had a fourth lesson
from Watts and paid
him 2/-, hence to
practice M. M. S.

9 Sat

Left at noon with
Allan and went to
Parramatta. Fixed &
set the incubator
going, returned 8.25
train.

10. Sun.

wrote to Mr Waite.

11 Mon.

Joseph brought a Boehm
Hute open G[#] & wanted
to know if he should
lend £3 on it.

12 Tues

I had arranged that

Doe & Claude should go
on Friday to Katoomba
for 2 weeks but on
reaching home found
that the latter had
cut his foot severely.
He had been paddling
& encountered a broken
bottle. I dressed the
wound with Boracic
acid. Went with Maude
Lucas to Dr. Rudlow
for examination. A
persistent cough arises
from inflamed wound.

13. Wed.

Letter from Wilfrid -

14. Thur.

Orchestral practice of
M. M. S. Learned of
the death of Miss

Tracey. 1st Violin.

15 Fri

wrote Cameron re the death of Miss Tracey. went to see 'Mikado' principals rehearsing & took music to Town Hall for a united practice on Wednesday.

16 Sat.

Received 4 galley proofs of L. H. Is. Fish paper. wrote to Wetherall now on board Airlie bound for Singapore.

18 Mon.

wrote to Welfrid. Learned that the part of the 'Records' now in the press and nearly all pulled-off has been

paged as though it is
the first part, (page 1-)
and all will have
to be repulled.!!

19 Tues

On late-duty this week.

20 Wed

Lunched with Paterson
he having got over
his late illness. At-
tended practice MMS
Orchestra and Chorus
Letter from Mrs Waite
enclosing small photo
of group of 3 of which
she is one

21 Thurs

Not having letter from
L.H. per Tambo I
wrote to Mrs Potts. I
especially wanted the

collecting tank so as
to include any new
records for my paper
first proofs of which
I got to-day.

22. Fri.

Saw Rose & Claude off
to Katoomba at 4.8 pm

23. Sat.

On late duty. Received
letter from Mrs Potto
per "Mandy Weston"
which boat has been
salvaging the "Oralan".
And good news! She
has sent the tank.
(for cutting see over).
Bought. "The Goldfish
& its culture" 1/9. - Two
copies of Romberg's Toy
Symphony (parts.) 1/-
& Tannhäuser etc. 6.

IN THE DEPTHS BELOW.

OVALAU WRECK.

DIVERS AT WORK.

RETURN OF THE SALVAGE PARTY.

After an absence of 20 days from Sydney, Captain Joseph Weston, the well-known shipowner, returned from Lord Howe Island, where he has been engaged in salvage work at the Ovalau wreck.

Captain A. Auland, better known as master of the British barque City of Hankow, was in charge of the steamer Maud Weston, and was seen on board the vessel in Waterview Bay, Balmain to-day, by an "Evening News" reporter.

The captain said, "We left Sydney for Lord Howe Island at 9 p.m. on January 4, clearing the Heads at 10.30. Strong southerly and southeasterly winds were encountered soon after clearing, and before arriving at Lord Howe Island a strong south-east gale was experienced. A heavy sea accompanied the blow, but the steamer behaved well. The island was made at 9.10 p.m. on January 7. The weather was moderating all this time, and the steamer lay off and on all night.

"Next morning operations at the wreck were commenced. No delay occurred in locating the sunken Ovalau, as the spot had been previously buoyed by the steamer Sophia Ann. The bow end of the Ovalau was in about nine fathoms of water and the stern in about thirteen fathoms. The outline of the vessel was barely visible from the deck of the Maud Weston.

THE DIVER AT WORK.

"Diver Anderson got to work quickly, and first of all directed his attention to the bronze propeller. It was found necessary to use dynamite, and a 15lb charge was placed on the boss of the propeller. The result was satisfactory, for the charge blew the boss to pieces, cut the tail shaft clean, leaving the propeller uninjured. The effect of the dynamite shot seems to prove the flexibility of bronze, at the same time showing the strength of a dynamite charge under water. A piece of the tail shaft was recovered and brought to Sydney, more as a curiosity than anything else

IN THE DEPTHS BELOW.

IN THE DEPTHS BELOW.

"The propeller having been secured, the anchors and chains were next looked for. These were found in the forward end of the ship. It should be mentioned here that the salvage operations were being conducted with great difficulty, for the Ovalau was found to have turned bottom up. The diver discovered that the lower part of the bow had been blown out—a tank had evidently exploded.

"However, a couple of anchors were got out, also three bow anchors, two stream anchors, one kedge anchor, and 225 fathoms of bow cable.

"In order to get this gear out a lot of heavy heaving followed, and the Maud Weston was fully tested. She proved an excellent boat, in every way suited for salvage purposes.

RECOVERING CARGO.

"When the anchors and chain were safely on the deck of the steamer the attention of the salvage party was directed to securing some of the cargo. It was understood that a quantity of pearlshell was stowed in the after lower hold on each side of the 'tunnel.' The diver found it necessary to blow the bottom out of the ship to get at the spot, and having succeeded so far, reported that there was no pearlshell. There were green snail shells and some bags of ivory nuts badly injured by fire, but no pearlshell. It was concluded that this particular cargo had been stowed somewhere else, and was destroyed.

BAD WEATHER INTERVENES.

"During this time the weather had been fair; but when it was decided to attack the engine-room bad weather came away, and the party had a spell for five days. The Maud Weston was taken into a sheltered lagoon, and remained there. The wind blew with great force, and it rained for days.

"At the end of the five days' spell, a fresh start was made. The engine-room of the Ovalau was found to be in a very bad state. The ship must have been red-hot when she went down, for it was found that the sides had buckled considerably, and the frames bent to such an extent that the Ovalau resembled a concertina. In this confined space it was most difficult to work. The ship's sides were barely 8ft apart.

"Success was out of the question on account of the awkward position. After some difficult work some odds and ends were secured, including a fan engine and some brass connections.

"That the Ovalau must have been very much on fire may be imagined from the fact that the ports were melted to the rims, while lead, brass, and copper had melted so quickly that the molten matter had run into one heap, and remained there. Quite a lot of this composition was recovered, and hoisted on board the Maud Weston.

"Other gear secured, included some davits and blocks.

"The anchors and cable are valuable, and with the bronze propeller will probably go a long way towards compensating the intrepid Captain Weston in his undertaking."

SUCCESSFUL WORK.

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SUCCESSFUL WORK.

The engine-room having been finished with, it was considered that the work was over, and, without further delay, preparations for the return trip were made.

The Maud Weston left Lord Howe Island on Wednesday last for Sydney at 5.15 p.m., and arrived in Port Jackson at 9.30 a.m. to-day, after a really smart trip.

THE CAPTAIN'S EXPERIENCES.

Speaking of his experiences, Captain Auland said he had never been on Lord Howe Island before, and was very much surprised at what he saw. It is a pretty spot, one which excursionists do not know much about. There is plenty of fishing to be had there, also some shooting, while the Islanders are in every way hospitable. One thing which stirred the captain about the Islanders was the easy manner with which they met the worries of life.

"It would be a good thing," he said, "if folks in other parts of the world could emulate the Lord Howe Islander in this respect."

The reporter had a short chat with Captain Weston on the trip, but the latter remarked that the master of the ship had told the story sufficiently.

"One thing I can say," said Captain "Joe," "Auland did not make any mistake in navigating the Maud Weston. He struck Lord Howe right in the centre, and then on the return trip made Sydney Heads as true as possible; he did not have to find his way down the coast."

During the whole time only twenty tons of coal were used on the salvage steamer.

THE EVENING

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Artistic Finish. Compare these machine in Design, Construction, and

24 Sun.

Had dinner and spent
rest of day at Carlruhe.

25. Mon.

Letter from Rose, to
which I replied. Received
tank from L. St. Island
Ann Nichols called &
told me of the death
of Capt Potto. Mrs P.
will not hear up it
till the Tambo reaches
her, news having been
brought from Solomons
by the Moresby. Recd
water &c £1. 18. 9. Took
charge of package for
Maude. Attended M.M.S
practice

26. Tues.

Public holiday. I

went on duty, in order
to work at the Island
fishes and having no
interest at home in
Rose's absence. wrote
to her 4.

27. Wed.

Attended practice of
M. M. S. Bought libretto
of Mukado & and scored
the flute part with cues.

28. Thurs.

Received letter Chadwick
who is now in Glasgow.
also from Rose to whom
I wrote. to Spencer
also ask I Microperca
Records - pt 2. published
contains my Phasogale
blythi & note on Dromiceus

29. Fri
Took ticket, Katoomba
Attended practice of
M. M. S. calling upon
Mr Lucas beforehand.
Sent in Income tax
return at £280.

30. Sat.
My L.H. Is paper now
in print runs into
13 galleys. Left by
2.25 train & joined
Rose Claude, Katoomba

31. Sun.
After breakfast took
Claude to below the
Pt Katoomba falls,
he wanted to know
if the water would be
running when he
was a man!

February.

1. Mon.

Left Katoomba at
7.7 am & reached
Redfern at 9.3 - At
4.30 went aboard
the Tambo. Saw Ann
Nichols & gave her
letter ~~from~~ for Mrs
Polto. also J Searle.
King & Geo. Nichols.
At night attended
M.M.S. practice

2. Tues.

Called at Professional
Musicians Ass. re hire
of tympani and Bass
player. Had tea at
Carlson's. Saw first
paged proofs of L.H. &
paper. it will make

about 50 pp.

3. Wed

Letter from Rose and
replied Paid Gas of
£2. 0. 5. Received two
rats from Adams Tas.
whom I had met and.
ack^d same (uterine).
Attended practice with Mrs.
Learned that Russell
& Russell had received
ack^t of £50 sent for
Mr. Waite but are
waiting for further
correspondence.

4. Thurs.

Bought wringer for
Rose 12/- 2 garbage
tins 12/- Wire netting
3/- Wrote letter of
sympathy to Fischer

whose little girl died
2 days ago.

5. Fri.

Met Rose and Claude
at 4:15 & took them
home. Attended Semi-
funial rehearsal W.M.S.
Paid garbage rate Off.

6. Sat

Received a second batch
of the "Catalogue" proofs
Attended Committee,
Truman's house 3 pm
W.M.S. thence to the
Town Hall re arrange-
ments. Candles and
shades only being
provided for Orchestra
I fitted my bicycle
lamp to music stand

7. Sun.

Called to see Cherry
who is ill. He took
2 tickets for 'Mikado'.

8. Mon.

Final rehearsal of the
'Mikado'.

9. Tues.

Saw Truman re lights
for Orchestra

10. Wed.

Kesteven went home
with me thence to the
'Mikado,' a great success.
Miss Hall had spent
afternoon with Rose
& stayed to tea.

11. Thurs.

Arranged for Mr Lucas
Maude & Katie to go
with Rose to tomorrow

performance. Newspaper
from Mrs Waite & a
letter from Wilfrid.

12 Fri.

- Mikado - subscribers
night. M. M. S.

13 Sat.

Repeated performance
& as on previous oc-
-casions scores were
turned away for want
of accommodation.

I took a holiday from
work this morning,
a bit tired. Maude
Lucas went to see
Lore & stayed overnight.
In the afternoon I
attended committee
meeting, M. M. S. to
consider an extra

performance, adjourned
until Monday, when
finances may be con-
sidered. After to-
night's performance
both the vocalists &
the orchestra were
photo'd flash-light.

14 Sun.

A day of rest.

15. Mon.

Have been much
engaged with proofs
of my paper and
catalogue. Received
from Seale, 2 papers
on fishes, both of
which I already had.
Attended committee
meeting M. N. S. when
it was decided to

repeat the performance
on Mch 5th in aid of
N. Sydney Hospital.

16. Tues.

Made "contents" of the
Volume of "plates" in
which I paste copies
of all figures drawn
by me. and am now
including those by Allan.

18. Thurs.

At yesterday's meeting
of the Council of the
Linin. Soc. Hedley
proposed me for the
vacancy due to the
non-reproposition of
Dr. Cox.

19 Fri

Apprised Etheridge of
the proposal as accep-
tance will necessitate
my leaving duty earlier
one day per month.

Called on Phillips re
Orchestral arrangements
for Wed.

20 Sat

Wrote to Roebuck and
sent him philatelic
curiosities,

21. Sun.

Visitors to tea, viz:-
Mr & Mrs Hellowall. Mr
Lazarus Hannah. Wrote
to Mrs Waite.

22. Mon.

Obtained photo. of one
of the flash-lights of
the M. M. S. 2/-

23. Tues.

My week on late
duty - wrote to Wilfrid.

24. Wed.

wrote to Mrs Potts.
Whitelegg Hedley & I.
interviewed Etheridge
re the Catalogue of
the Marine fauna of
N.S.W proposed to be
prepared & first broached
July 1902.

Committee meeting of
M. M. S.

26. Fri.

Sent out notices of
Orchestral rehearsals to
M. M. S.

27. Sat.

On late duty - today
I received final pages
of Cat. ~~N. S. W.~~ fishes
L. H. Is, the combined
papers make 95 pages
& will be issued about
Tuesday. Maude Lucas
to tea, stayed the night.
Rainy weather

28. Sun.

The rain kept us in-
doors & Maude again
remained

29. Mon.

Axtens told me that
he had just bought
a "67" Silver flute
Open G[#] and I went
at night to see it.
He asks £17 and has
a quantity of new
(recent) flute music
he sails on Wed. for
London. Letter from
Jordan

Leap Year

March - 04.

1. Tues.

Bought the flute and music for £16. The instrument is in fine condition and as "Pook Bah" says will "realise my fondest ambition".

Letter from Wilfrid.

The following is a list of the music bought.

- | | | |
|----|-----------------------|-----------|
| 1 | Caprice. (W. o' wiop) | De Jong. |
| 2 | Two Pieces | Radoux |
| 3 | Aus den Alpen. | Terschak. |
| 4 | Pensée Intime | Ketèlbey |
| 5 | Tarantelle | Busé. |
| 6 | Two miniatures | Andrews. |
| 7 | Danse Nègre. | Griffith |
| 8 | Solitude | Tenanzzi |
| 9 | Valse fantasia | Dunhill. |
| 10 | Suite. | German |

- | | | |
|----|----------------------|-------------|
| 11 | Impromptu. | Bonawitz. |
| 12 | Hirten-Idylle | Köhler. |
| 13 | Concertstück. | Hurman |
| 14 | Intermezzo | German |
| 15 | Romance. | Jadassohn |
| 16 | Valse | Durand |
| 17 | Amertume | Dressel. |
| 18 | Fantasia (Outpost) | Clarke. |
| 19 | Rose of Persia | Sullivan |
| 20 | Valse | Sabathil |
| 21 | Love waltz. | Nightingale |
| 22 | Suite | Godard |
| 23 | Adagio <u>Nobile</u> | Donjon |

All the above are
for flute and piano
the following for two
flutes and piano -

- | | | |
|-----|----------------|------------|
| 24. | Rondo brillant | Furstenau. |
|-----|----------------|------------|

IMPORTANT EVENTS OF THE WAR.

- February 8.—Outbreak of hostilities. Japanese attack on Port Arthur. Russian warships Retvizan, Cesarevitch, and Pallada torpedoed. Other vessels damaged. Japanese troops land in Korea.
- February 9.—Russian warships Varyag and Koreitz destroyed by Japanese at Chemulpho.
- February 10.—Japanese occupy Seoul. Russian warships Poltava, Diana, Askold, and Novik reported to be damaged.
- February 11.—Declaration of war by Japan issued.
- February 12.—Japanese steamer Nagonoura sunk by Russians.
- February 14.—Russian transport Zenesei sunk in Talien-wan Bay. Nineteen thousand Japanese troops land in Korea. Three hundred thousand Russian reserves called out.
- February 15.—Estimated damage to Russian warships set down at £7,000,000.
- February 16.—Russian gunboat Rosboyink captured at Masampho.
- February 19.—Russia fortifying Harbin as a base for large army.
- February 20.—Loss of Russian vessel Yenesei and 190 of her crew through explosion of mine in Talien-wan Bay. China declares her neutrality.
- February 21.—General Kuropatkin resigned position Minister for War, and gazetted Commander-in-Chief of the Russian military forces in Manchuria. Russians state that they are prepared to stand a two-years' siege at Port Arthur.
- February 22.—Great hostility to Britain shown in Russia.
- February 23.—Viceroy Alexeieff and staff established at Harbin. Japanese army corps landed at Chemulpho.
- February 24.—Russian cavalry reported at Sunchin, Northern Korea. Siberian railway said to be able to land 3000 troops daily in the Far East; 40,000 Japanese landed at Chemulpho.
- February 25.—Japanese sunk three of their own steamers at Port Arthur in order to block entrance. Russians alleged that four Japanese battleships were sunk. Integrity of Korea guaranteed by Japan.
- February 26.—Japanese troops land at Possiet Bay, near Vladivostock. Massacre of Manchurians by Russians reported. Russians invade Korea, marching on Ping Yang. Japan proposes to raise the Varyag. Railway across ice on Lake Baikal completed.
- February 27.—100,000 Japanese troops embarked from Japan within fortnight. An additional 80,000 preparing to leave. Evacuation of Dalny by Russians, who concentrate at Port Arthur. Russian troops frozen to death crossing Lake Baikal. Wave of Anglophobia in Russia.
- February 29.—An engagement near Ping Yang. Russians retire. Korean troops called out to assist Japan. Japanese gunboat sunk at Chefoo, through damage at Port Arthur.
- March 1.—Another heavy bombardment of Port Arthur by Japanese. Several Russian ships damaged. One of them, the Askold, reported to be in sinking condition. Siege of Port Arthur practically begun. Russians advancing into Korea along north coast.
- March 2.—25,000 Russians in the neighborhood of the Yalu. Entrance to Port Arthur partly blocked by sunken ships.

2. Wed.

Attended rehearsal of 'Mikado'. for hospital performance & played the new flute, it is very easy to blow. my principal reason for buying it is that it has an extensive tuning slide which will enable it to be played with a much-below-pitch piano. wrote to Astens and asked him to send me from London a set of pads, they are larger than those of the wood flute.

3. Thurs. Bought set of rubber type. went to the

dentists (Paterson).

4 Fri

Water rate £1. 18. 9.
paid. Winn. reported
Evening News called to
see me re L. H. Is.
fishes. I gave him
some particulars, to
be used only on the
publication of paper
of which his article
is to be a notice.

Rehearsal. M. M. S. in
the evening. The R. H. I
paper in consequence
of the "bumping" of the
Bibliography makes 96
pages (six sixteens) and
will be the largest part
of the "Records" so far
issued.

5. Sat.

Mikado performance
in aid of North Shore
Hospital. a good house.

6. Sun.

All had ~~tea~~ with
Mr. Lucas and family

7. Mon.

^{3.} Bought rubber type
for use chiefly for
M.M.S. a committee
meeting of which I
attended. Etheridge
asked for papers for
new part of "Records".

8. Tues.

Submitted scheme for
list of Marine fauna
of which Etheridge
approved. The Lord Howe
Is. papers cost £48

and are to be dated
for the 11th.

9. Wed.

Took Gill's papers and
Fische Japan's to binders
Paterson asked us for
Friday evening. and we
accept. Received the
Linnean Soc. nomination
for Council. My name
appearing in place
of Dr Cox's. (See over).

10. Thurs.

Sent out notices of
Mills' Orchestral practice
for 14th + 17th. Received
Orchestral parts of
Stabat Mater. Faust.
(part) also "Borne by
Memory" from Verdi's
Nabucco. Mr. Wm.

of the Even

JOSEPH B. KIRKBRICK, J.D.

THOMAS STREET, N. B. S. F. L. S.

* PERCEVAL F. BEDLEY

* HON. JAMES NORTON, LL.D., M.L.C.

J. H. MATHESON, D.L.S., &c.

A. H. S. LUGGAS, M.A., B.S.S.

JAMES F. HILL, D.Sc., F.L.S.

CHARLES HERBULEY, F.L.S.

* PROF. W. A. HASZSWELL, D.Sc., F.R.S.

JAMES K. CARLTON, M.A.

W. W. BRIDGEMAN, F.L.S.

* W. S. DUN

HENRY DEAN, M.A., M. Inst. C.E., &c.

PROF. T. W. E. DAVID, B.A., F.R.S.

* J. C. COX, M.D., F.L.S.

RICHARD T. BAKER, F.L.S.

Council:

EDWARD G. A. BEDLEY

EDWARD G. A. BEDLEY

EDWARD G. A. BEDLEY

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Linnean Society of New South Wales.

PROPOSED OFFICE-BEARERS AND COUNCIL FOR 1904.

Annual General Meeting, March 30th, 1904.

PRESENT COUNCIL (19).

The Names of the six Members who retire, but are eligible for re-election (Rules xiv.-xvi.), are marked with an asterisk.

Recommended by the Council for Election.

President:

* T. STORIE DIXSON, M.B., Ch.M.

Council:

RICHARD T. BAKER, F.L.S.

* J. C. COX, M.D., F.L.S.

Prof. T. W. E. DAVID, B.A., F.R.S.

HENRY DEANE, M.A., M. Inst. C.E., &c.

* W. S. DUN

W. W. FROGGATT, F.L.S.

JAMES R. GARLAND, M.A.

* Prof. W. A. HASWELL, D.Sc., F.R.S.

CHARLES HEDLEY, F.L.S.

JAMES P. HILL, D.Sc., F.L.S.

A. H. S. LUCAS, M.A., B.Sc.

J. H. MAIDEN, F.L.S., &c.

* Hon. JAMES NORTON, LL.D., M.L.C.

* PERCEVAL R. PEDLEY

THOMAS STEEL, F.C.S., F.L.S.

PROSPER N. TREBECK, J.P.

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EDWARD G. W. PALMER, J.P.

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PERCEVAL R. PEDLEY

EDGAR R. WAITE, F.L.S.

Auditors:

DUNCAN CARSON

EDWARD G. W. PALMER, J.P.

of the 'Evening News'
has been writing - up
an article on my L. H. I.
paper and submitted
it to me. Received from
Mr Waite 'Yorks' Post?
but cannot see why
it is sent.

11. Fri.

Records: V. pt 3 published
to-day. In evening all
went to Mr Down's at
Amundale picking up
Katie Hopcraft en route.

12. Sat.

Received reprints and
made up 25 for post.
Maude Lucas came
& stayed overnight.
Jack Wesson gave me
a large Hippocampus.

13 Sun

Beauch. Hopcraft came

14. Mon

Sent reprints away by
American and English
mails. Attended first
Orchestral practice of
the last concert of our
inaugural year. M.M.S.
Stabat Mater, Nabucco
Faust. (part). Ramsay
gave me permit to
overhaul his scientific
papers in search of
fish literature. I
got to work & fished
out a few of Steindachner's
writings but
there is such a mass
of matter that I
could only take a

hurried survey.

15. Tues.

Last week I described
a Gnathagnus & to
day a Neopercis both
from N.S.W. Letter
from Wilfrid - wrote
to Chadwick and sent
through him papers
L.H. I for Roebuck.

16. Wed.

Allan is now making
drawing of Eleotrids
he has an idea of
publishing drawings in
his own name and
asked and obtained
leave from Etheridge.
I could scarcely ob-
-ject though it is en-
croaching on my domain.

17. Thurs.

Attended Orchestral practice. M. M. S.

18 Fri

The Tambo arrived & brought letter from Mrs ~~Potts~~ Nichols. who tells me that Mrs Potts comes to Sydney this trip and will stay until June.

Rose took Claude to see Mrs De Groen at Bronte.

19. Sat.

Whitelegge having bought 2 Challenger vols. & split them up, asked me to take the "Crania" & "Skeletons" for 2/6.

Mande Lucas came & remained the night.

21. Mon.

Attended Orchestral
practice M. M. S.

22. Tues.

Mrs Staporcraft + Bessie
to tea. I am now
working at Electrics
which despite Ogilby's
papers need revision.

23. Wed.

Worked at new fish
allied to Linnichthys.

24. Thurs.

Orchestral practice of
M. M. S. Hedley tells
me that no nomina-
tions were before the
Kinnear Council at
yesterday's meeting. I
am consequently elected
unopposed. Photographed
at "Gem" shop.

25 Fri.

In consequence of a
par. in the paper re
Rats and precautions
against plague in Mos-
man I wrote to the
Mayor giving informa-
tion re habits of M.
decumanus & M. Rattus
& offered benefit of
my experience.

26 Sat.

Went with Hedley, Cherry
& Allan to Maroubra
& Long Bay. Got some
freshwater fishes. On
reaching home found
Beauch Hopcraft there
He sails for Vila. N. H. B.
on Thurs in Tambo
as carpenter, & boat [77]

builder.

27. Sun.

Called on Cherry for
some marine fish
thence on Mrs Lucas
Maude goes on Tues
to Melbourne for a
fortnight's holiday.
Went to the Hellawells
to tea. Mr. & Mrs Holman
also there.

28. Mon.

Letter from Wetherall
from Thursday Is. he
is bringing me 15
Fighting Fish. (Betta)
Attended committee
meeting & Orchestral
practice of M. M. Soc.
I was authorised to
buy 6 music stands

29 Tues.

Letter from 'Madam',
she proposes to send
me Father's sleeve-
links !! Letter from
Wilfrid. Rose and I
saw Maude Lucas
off at 4.5 to Melbourne.
Excursion £2.10.0 return.
Bought 6 music stands
at Palmer for £2.10.0.
for M. M. Soc. The
following is from to-
day's 'Evening News',
& is written by Winn
(see 10th).

AT LORD HOWE ISLAND.

FISHES NEW TO SCIENCE.

Mr. Edgar R. Waite, F.L.S., Zoologist of the Australian Museum, has just written a monograph upon the fish life of Lord Howe Island, which, while it is occupied pretty largely with scientific terms, has behind it some very interesting general information.

For example, Mr. Waite, with his assistant, Mr. A. R. M'Culloch, discovered ten altogether new species of fish. Besides these ten, Mr. Waite and his helper found 27 other species of fish which had not previously been known to frequent those waters.

WOULD TRAWLING PAY.

Mr. Farnell's expedition in 1898 was unable to answer the question whether trawling can be practiced on a large and paying scale off Lord Howe Island. That the island waters teem with good fish is beyond all doubt. Even line fishing could be made a paying business there were the transportation facilities properly worked up. Under present conditions, the islanders are again and again bitterly disappointed when they have made careful preparations to ship away seeds, palms, and fish, because the Sydney steamer service is so uncertain, owing to the vagaries of the island weather. If it shall ever be clearly established by soundings and other means that trawl fishing can be carried on off the island, it appears from Mr. Waite's monograph that it would be an enterprising stroke upon someone's part to organise and capitalise a company for the purpose.

Whether the trawl can be used in those waters is a question which can be answered adequately only by an expedition specially fitted for that purpose.

Mr. Waite found that the blue fish, the salmon, trevally, black rock cod, sweep, island schnapper, garfish, sand mullet, and kingfish swarm about the island. Of these, all but two sorts (the blue fish and the island schnapper) are found commonly in New South Wales. The blue fish is a splendid fish in colour, and in almost every other way. Smoked blue fish and smoked salmon bring 28s per cwt in the Sydney market.

Then there is the green turtle—the turtle of the soup which figures in that touching ballad in "Alice in Wonderland"—which is not the least of the marine treasures of Lord Howe Island. There is also the herring—which is not a herring at all. These fish occur in rock pools in shoals, but whether there are enough of them to afford a steady supply has not been ascertained. At all events they are edible. They were known in Norfolk Island waters, but hitherto it was not known that they had a habitat at Lord Howe Island also.

There is a fair sprinkling of the fishes known to New South Wales anglers in the island, but the fish fauna is on the whole much more tropical than here.

XENOGRAMMA.

But the "fish"

XENOGRAMMA.

But the "plum," a fine and hitherto unknown fish, which is good looking, and probably good eating, came into Mr. Waite's possession by chance. Mr. Campbell Stevens, the postmaster of the island, noticed it alive and awash on the beach of the island lagoon, and threw it out of the reach of the waves. It was in good condition, and was handed to Mr. Waite as a curiosity. He named it *Xenogramma carinatum*, and it is the type of a new genus. The fish has an odd twisty line running along its side—whence the scientific name Mr. Waite christened it with, for *Xenogramma* is Greek for "queer line."

Flying fishes are to be found at Lord Howe Island, and large ones at that, and the way in which Messrs. Waite and M'Culloch obtained specimens is amusing. The Admiralty Islets, which lie within 20 minutes' rowing of the main island, are the breeding places of myriads of sea birds. Among these birds are thousands of gannets, which refused to leave their eggs or young when the visitors came upon them. Instead, they made a vicious fight with their formidable beaks. Failing to frighten the two humans away, they vomited up their latest catches of fish at the intruders' feet. In such instances, and they were many, large flying fish were voided, and one accommodating gannet presented Mr. Waite with a couple of the fish.

The working of the bird mind in this affair was strictly logical. The gannets, when pursued by larger and stronger birds in mid-air for the fish they have taken are wont to drop the fish for peace sake, and they are caught by the pursuing birds before they have reached the water. When these gannets in the Admiralty Islets had it brought home to them that the visitors would have flying fish willy nilly, they produced them on the spot—just as they would have done for the winged robbers.

Mr. Waite thinks that if Lord Howe Island is ever to be a fishing ground for New South Wales, the question of the birds and their appetites will be a serious one. The wide awakes, noddies, blue billies, mutton birds, gannets, and bo's'n birds eat tons of fish daily.

Sharks are frequent at the island. Inside the lagoon they are only four feet long, at the most, and the islanders bathe without being disturbed by them. But outside the reef they are dangerous. Mr. Waite, while the steamer was at anchor, caught a couple from a school of them, some members of which measured fully twelve feet in length. The islanders told Mr. Waite that three or four miles off the reef there are thousands of sharks, which, he thinks, would afford a good field for a shark fins industry. But suitable boats would be required. These the islanders have not got.

The work is published by the trustees of the Australian Museum, and comprises about 100 pages. It is very copiously illustrated, no less than 24 hitherto unfigured fishes being delineated.

30. Wed.

Am. meeting
Linnæan Soc.

Received acct from Council Clerk, of my letter to the Mayor (see 25th). Russell & Russell tell me that they have had no further communication from Dibb & Co, re my remittance of £50 odd. and no receipt, other than the letter has been received.

31 Thurs.

Paid Water Ac. (Wilson) £1. 18. 9. - I gave notice of a fish paper for the "Records" & Allan handed in his first work. (on Hypsirops).
M. M. S. practice.

April.

1. Good Friday

Rain in torrents as for the most part, during the past two weeks. I put in this holiday rearranging my 'study'.

2. Sat.

A fine day. Worked outdoors, in garden & yard, cementing ro aviary & put in 2 posts to carry wire netting to keep fowls away from the pond.

Florrie Davidson called & Rose joined a party at the Town Hall.

Spurr. Society
Entertainer.

3. Sun.

Cemented more bricks round fish pond. I went to "Carlsruhe" after tea and found Wetherall there. He had succeeded in bringing 12 fighting fish out of 15, the other 3 having jumped out of the bottles. He brought a Macaque for Laura.

4. Mon. Easter.

At Museum on duty. Received photos taken on Mch 24th. One position is said to be good. Received letter from Melbourne and replied. Wrote to [83]

Wilfrid + to Mrs Waite.

24. III. 54



THE AMERICAN CO. 42 Q.V. MARKETS.



5. Tues.

Went aboard "Arlie"
& got 10 Bettas 2 ♂
& 8 either ♀ or ♂ juv
Wetherall had given
2 to Laura. Etheridge
not approving of Allan
on my subject (fishes)
is suggesting to the
publication committee
that the work of no
one under 21 shall
be published. Rose
& Claude visited Mr
Lucas & after the
M. M. S. Committee
meeting, of which I
was chairman, I
called & took them
home.

~~to~~

6. Wed.

Attended practice of
M. M. S. the concert
to take place - 15th.

Letter from Melbourne
& replied, sent photo.
to Maude Lucas, to
morrow being her
birthday. Rose wrote &
will make her a
present. Took out
new boat tickets for
Rose & self 34/-

7. Thurs.

Received Gas &c £1. 13. 2.
Have to send interest
£12. 8. 6. to Mr. Waite
and place 7/- to
credit of Aunt. My
liabilities now stand :-

Mrs Waite £355.

Aunt L. 10.

The interest is due
23rd April. Gave Rose
£4. This is anniversary
of our wedding day.

8. Fri

wrote note on Linnichthys
new record for N. S. W.
Cleared away bubbles
formed by *F. Betta*
on top of water.

9. Sat.

On late duty. The
fish are breeding &
am detailing process
elsewhere. Gave 2 ♀
to Cherry. We all
went to 'Carlsruhe' in
the evening. Wetherall
to Newcastle, tomorrow.

10. Sun.

Worked at pond in
yard, laying bricks.

11. Mon. 12-8-6

Sent ~~£8.12.6~~ to Mrs
Waite. Booked seats
for our. Concert and
attended practice -
Sent Post Card to
Maude Lucas addressed
to Melbourne Mail at
Campbelltown - Saw
Laura and arranged
that I should meet
Maude. The fish eggs
hatching to-day.

12. Tues.

Up at 4.30 & took
5.30 boat to town
& met Maude from
Melbourne at 7 am

the train being an
hour late

13. Wed

Rose's birthday. She
received many presents.
Got 2 Picks sharpened
Attended the final
rehearsal M. M. Soc
at St Clements' Hall.

14 Thurs.

Another birthday, a
batch of presents for
Claude who is 8 today
The fish larvae are
doing well.

15 Fri.

Saw Wetherall at 1.0
on board 'Airlie' wh.
is timed to leave
at that hour. The
Museum board

declined to publish
the little paper of
Allans regarding him
as too young & also
expressing opinion that
One subject should
not be studied by two
individuals in the
institution. Concert
M. M. S. a soaking
wet day & only a
poor attendance no
doubt subscribers.

16. Sat.

With idea of transferring
some of the Aquaria
so that they will be
in daily view, of
greater interest and
viewable by transmitted
light I surveyed back

Verandah & prepared plans. Maude Lucas resumed her usual Saturday visit.

17. Sun.

Concluded laying bricks for pond in yard, it measures 12×10 bricks.

Rose & Claude went to Bronte to visit Frances Dr. Groen. I worked on until dusk and then to Carlsruhe to tea. Arrived home before Rose.

18. Mon.

All the fish fry have disappeared but the adults bred again to day.

19 Tues.

Spent some time at Public Library, re articles on breeding of Betta but found only account upon Polyacanthus. The habits seem to be quite similar. Rose accepted invitation of Mrs Homan. Thursday musical evening. We all spent evening at "Carlsruhe" to meet the Nolan family.

20. Wed.

In afternoon I attended my first Council meetg. of Luncheon Soc. & at night Committee meeting of M.M.S.

21. Thurs

Spent Musical evening
at the Hornan's. There
were 3 silver flutes
in evidence Bladon's
'51 patent' Hornan's
'Radcliffe' and my
'67 patent.' Mr Hornan
at the piano, and
Hellaswell, violin. The
second batch of Betta
eggs hatched.

22 Fri

Ordered wood from
Eaton for new Aquarium
house. Read accounts
of breeding of different
forms of Labyrinthici,
chiefly by Carbonnier.
Took Rose, Claude, and
Maude to Annual

meeting of M. M. Soc.
I declined re-election
as librarian & was
placed on council.

Miller asked me if I
would assist in an
entertainment on 3rd
May in aid of Fresh
air league.

23. Sat.

Norman left me some
flute music proposed
to be played 3rd May.
Claude Lucas stayed
overnight.

24. Sun.

Took Claude to beach
but being high tide
I got nothing for the
Aquarium.

25. Mon.

Replied to letters from
Adams. Tasmania re
Moridae and Ogilby
re fishes. Am working
at ~~the~~ S. E. Australia
fishes, No. 3, and dealt
with Soodella to day
26. Tues.

Described Maclean's
Gnathypops jacksonensis
Letter from Poebeck
he anticipates taking
his "Rund - reise"
shortly & seeks specific
information. Went to
Norman's House at 8.
& the small orchestra
practiced for the
entertainment

27. Wed.

Letter from Mrs. Potts.

Owing to wet weather
which has been al-
most unceasing for
some weeks did not
attend Luncheon Soc.

28 Thurs.

Concluded & handed -
in paper on E. Aust.
fishes No 3.

29 Fri.

wrote to Mrs Potto -

1 New Species of Fish.—At the meeting of the
2 Fisheries Board this week the members had
3 an opportunity of inspecting a species of the
4 garfish family new to the State, and of great
5 commercial value. Some of the fish were se-
6 cured by Dr. J. C. Cox, who saw them in a Syd-
7 ney shop, and thought they were strangers.
8 Investigation by Messrs. H. C. Dannevig and
9 D. G. Stead, the departmental naturalists,
10 showed that Dr. Cox's supposition was cor-
11 rect. The fish were compared with the de-
12 scription of about 70 species of garfish, long
13 toms, and pike, and were found to have points
14 of dissimilarity from all. The fish are exag-
15 gerated garfish, and are called Barred Long
16 Toms (*Tylosurus ceruleo fasciatus*). The
17 specimens are nearly 2ft long, and the most
18 striking features about them are their hand-
19 some shape, their silvery sides, and the
20 diversification of the sides with about a score
21 of blue bars running transversely round the
22 body. The fish came from Port Stephens
23 about three weeks ago, and were caught by
24 netters. They are valuable edible fish.

Attended practice at Norman's House. Mounted drawings of fish by Allan as two plates in illustration of my paper.

30 Sat.

Letter from Wilson asking to be allowed to continue tenancy but, on monthly notice, dating from May 10th. Replied and accepted conditions. Erected posts for Aquarium house.

May.

1. Sun.

Put up some cross posts for Aquarium house. Went home with Maude, after tea to "Carlsruhe".

2. Mon.

Attended Committee here & first of the New Year.


3. Tues.

Took Rose, Claude, Maude & Laura to the Dramatic Entertainment at which I played in Orchestra.

4. Wed.

Paid Corbett 14/6 for binding Gills' papers. Steind. & Döderlein

"Fische Japan" and
U.S. Fish Commission
papers. Kept with
him Zool. Record
Reptiles & Batrachians
and Poises 1864-1900
to be bound in 3
Vols. As ~~Widley~~ is
lending money to
Friedländer for the
Zool. Rec. I asked
him to deduct 30/-
& pay to me. I wrote
Friedländer and
submitted account
as over:— & enclosed
receipt for £1. 10. 0



Cr.

Exchange

Cash "Skuse."

15. 0. 0

1. 10. 0

£ 16. 10. 0

Dr.

Books postage
to date.

14. 0. 0

Cash per
Mr. Hedley

1. 10. 0

Balance due
to me in
exchange

1. 0. 0

£ 16. 10. 0

5. Thurs.

~~Paid~~ Hedley paid me
1/6. ~~which together with~~ ^{balance of}
30/- above referred to
my proportion of
parts. Rep. + Batrachia
and Fishes of Zool.
Record. £ 1. 8. 6.
In the evening visited
Mr Lucas, who is
somewhat shaken by
a fall from a tram.
Received proofs of my
paper on Fishes E. Aust.
No. 3. - My birthday!
wrote to Roebuck in
reply, re his projected
world tour.

6. Fri.

Wilfrid sent photo. of
himself. Attended

Committee meeting
M. M. S., when Norman
was appointed honorary
conductor for the first
performance.

7. Sat.

Maudie Laura Lucas
came to tea then went
with Rose to Theatre
Royal. I put together
further framework of
Aquarium house &
Rose had a "snap" at
me. Jordan Acknowledged
my Lord Howe Is papers
with one or two unim-
portant criticisms

8. Sun.

Spent all day at the
Aquarium-house.
finished the framework

I got ready for the
widow-framed.

9. Mon

Received papers on
Japanese fishes from
Jordan. for which I
had asked. Arranged
with Sinclair to take
6 small sashes out
of my exchange account.

10. Tues.

Bought lattice for
Aquarium house 5/6.

Rose went with Laura
Lucas to watch the
St Vincent's Ball. Dr
Porter brought Susie
Nichols to see us at
the Museum.

11. Wed.

The Bettas bred again

to-day and I removed
the ♀. The ♂ attending
to the Eggs as before.
attended Choral practice
N.M.S.

12. Thurs.

Took photo. of nest of
Betta, a dense negative
but gives a tolerable
print. Arranged with
Tinclair for 6 small
sashes in further
satisfaction of my
exchange of & leaving
24/- still due to me.
They are like those
used for the workshop.

13. Fri.

Painted lattice and
put sashes in place
for Aquarium house [105]

Wrote to Jordan and
sent him examples
of Tropidostethus.

14. Sat.

Put up lattices, painted
frames etc. Mande
came & stayed over-
night.

16. Mon.

Saw proofs of plates
& revised galley of
N.S.W. Fishes, No. 3. Wrote
to Wilfrid. Letter from
Patersson suggesting that
I take shares in an
oil-steam fuel Co.

17. Tues.

The 10th Ed. 'Encl. Brit.'
just to hand contains
Gill's name & mine
under 'Ichthyology'.

Allan exposed a plate
on me at Museum
a rough print below:-



18 Wed.

Attended Council
Meeting Luncheon Soc.

19 Thurs.

First practice M.M.S.
under Norman. Recd
papers from Regan -

20 Fri

Mrs Hopcraft & Katie
to tea.

21. Sat.

On late duty. Worked
at Aquarium house.

22. Sun.

Put sashes up for
roof of Aquarium
house, 2 require glazing.
The Hellowells came
to tea.

23. Mon.

Bought Elgar's "Salut

d' amour $\frac{1}{6}$. Flute &
piano. also nails -
24 Tues.

Bought glass for empty
sashes $\frac{3}{4}$. wrote to
Dulan's for paper by
Thomson. and suggested
that I forward some
papers to negotiate an
exchange &c. Received
folio papers from Stein-
-dachner. Letters from
Wilfrid, Nellie Beale &
Chadwick. ~~wrote~~

25. Wed.

Allan exposed 2 more
plates result below:-
Had tea with the Josephs
then went to Linnean
Soc. meeting



26. Thurs.

To prevent plates
getting stale! Allan
had another "shot"
at me. MMS. practice
postponed to Tuesday.
Arranged to take
Zool Rec. 1902 dupl.
from Sinclair in ex-
change.

27. Fri.

Printed Bronzide photo
from negative taken
yesterday, it is con-
sidered to be good.

28. Sat.

Measured for a new
register in Wilson's
house, the other being
rusted through. Put
glass into Aquarium [m]



house sashes. Maude
Lucas came to tea.

29. Sun.

We all went to Carlisle
with Maude to tea

30. Mon.

Bought mounts for
photo. 9² doz. and
Ann. Rep. Smiths. Inst
1898 (1900) containing
Cope's Crocodilians
Lizards & Snakes N. Am. 4/-

31. Tues.

Paid Income Tax. £2.
wrote Mr Potts (Tambo).
Attended practice, W.M.C.
The Seasons. (Spring).
Sent photo. (See 28th)
to Chadwick.

June.

1. Wed.

Have returned to work on West Australian fishes. Have also in view paper on our Eleotrids & in future Clupeidae.

2. Thurs.

wrote Bashford Dean.

4. Sat.

Painted roof-sashes of aquarium house & made one to fit an odd space.

6. Mon.

Public holiday. took Rose Claude & Maud to Manly. Went as far as the Lagoon.

7. Tues.
Attended practice of
M. M. S.

8. Wed.
Sinclair paid me, by
cheque £5. 10.0 for
Rüppell's Neue Wirbelt
& Knochens Fische
d. rothen Meeres. which
I had from Friedlanders

9. Thurs.
Obtained a load of
sand for cement. 2/6.
Received subpoena for
tomorrow, see cutting.

10. Fri.
At court all day &
was not called till
after. 3 O'clock. Susie
Nichols went to tea
with me and Maude

Lucas all at home
to stay the week -
end, the family
are removing to
Leichhardt to-day.

11. Sat.

Wheeled sand into
yard & stored in cement
casks & sugar-bags.

For news cutting re
Court case see over.

[116]

Subpoena for the Defence.

No. 110

NEW SOUTH WALES,
sydney

TO WIT.

To E.L. WAITE

WILLIAMS

TOST and

another

Cruelly

ill-treat a

bird.

YOU ~~and each of you~~ are hereby commanded that, all excuses
being laid aside, you ~~and each of you~~ be and appear in your own
proper persons before the Court of Petty Sessions, at the Water

Police Office, sydney

on Friday the tenth of June

instant, at ten of the clock in the forenoon, and so from day to day as
may be required of you, ~~or either of you~~, to testify all and singular
what you ~~or either of you~~ know in a certain Cause referred to in the
margin hereof, now depending and undetermined, then and there to
be tried. And at your peril fail not.

GIVEN under my Hand and Seal, this 9th
day of June 1904.



THE SPARROW AND THE SNAKES.

INTERESTING TEST CASE.

A case of considerable interest to scientists and naturalists was heard before Mr. M'Farlane, S.M., at the Water Police Court yesterday, when Messrs. Tost and Rohu, naturalists and curio dealers, of Moore-street, were proceeded against at the instance of the Society for the Prevention of Cruelty to Animals, "for having on the 25th day of May last cruelly ill-treated an animal, to wit, a bird."

The secretary of the society gave evidence that on the day in question he saw a common live sparrow in a box about 2ft. long, which contained live snakes; that he complained to the defendants, who informed him that there was no form of food for reptiles other than live animals. It was admitted by Mr. R. A. Monro King, who appeared for the defendants, that a live sparrow had been placed in the box along with some live snakes, and it was admitted by the prosecution that the bird was taken out of the box alive in the presence of the secretary of the society.

For the defence, Mr. W. B. Coates gave evidence that he had carried on the business of a naturalist in Moore-street for nine years, and during the whole of that period he had been supplying scientific bodies and naturalists with snakes, for which purpose it was necessary for him to keep them on hand, and that he had during the whole of that period fed the snakes with live food, and always in the open street in front of his establishment, and in full view of the public. He further deposed that the sparrow displayed no sense of alarm or perturbation during the confinement in the box, and that about May of each year snakes fall into a comatose state, and do not touch food or drink for months together; that he had put birds into the cage the previous day and they had not been touched by the snakes.

Edgar R. Waite, a Fellow of the Linnean Society, and zoologist at the Australian Museum, Sydney, gave evidence that he made a special study of snakes, and had written a number of books on the subject; that it was universally acknowledged by zoologists that snakes would only feed on live animals, such as birds, mice, etc., and that in his observation in all the large Continental cities of Europe, snakes were fed upon small live birds and mice, and that the sparrow had no consciousness of danger when placed in a box with live snakes.

The Magistrate, on the application of Mr. King, granted an adjournment to enable further expert evidence to be given on the question of the consciousness of danger by birds of the sparrow species under the circumstances in question.

12. Sun.

Removed first all-glass Aquarium to new-house.

13. Mon.

wrote to Henwood re rock pools at Little Bay.

14. Tues.

Paid rates (Municipal) "Headingley" and "Burley" £6-7-10. While Rose + Maude went to see Phillips' play I put up blind rollers in Aquarium house. 2/6.

15. Wed.

Having obtained a sweep for Wilson, he was sent to us for payment. ! 5/-

16. Thurs.

Bought green blinds
for Aquarium house $\frac{3}{9}$.
Attended Mr M. S.

17 Fri

Took the day "off" in
lieu of Anniversary
day and finding that
I had been given
blinds 36" wide in-
stead of 40", changed
them. Put them up
at night on returning
from Watson's Bay
whither I had taken
Rose Claude & Maude
following dinner in
town.

18. Sat.

Wedley having 2 copies
of "Index Novae Zeelandiae"
[119]

I took one from him
at published price
10/- & may split it
up. Took 1902nd Zool.
Record in exchange
from Sinclair £1.
This I shall also
split.

19. Sun.

Worked at Aquarium
house which is now
well advanced, put
in four more glasses
as these have to be
emptied, removed &
refilled by siphon,
it takes time.

20. Mon.

Packed fishes for
West. Aust. Made a
strong table for a

tall circular fish
glass. Ordered from
train & Co. register for
Wilson's stone

21. Tues.

Bought & fixed green
blinds on workshop
side of Aquar. house.
Letter from Mrs W.
per the "Australia"
which was yesterday
wrecked off Pt Philip.
Rose & Maude (who came
over from Strathfield)
went to see the "Rose
Maiden" at Mosman.
Our "Records" Vol V. 4.
published 16th handed
to staff to day. It
contains mine. Fishes
East. Aust. No 3.

22. Wed.

Rainbow, who had in preparation a Cat. of Aust. Myriopoda, for Nat Club Memoir finds that he has been anticipated. The Council ask me to furnish a Cat. of N.S.W. Fishes. As such is at present under offer to the Museum Trustees as part of the "Marine Fauna" I asked the opinion of Etheridge as to prospects of publication. He advised me to accept the Nat. Club's Offer. Attended Lin. Soc. Council.

23. Thurs.

Attended practice of
M. M. S. Bought &
put up more blinds
in Aquarium house.

24 Fri.

Mounted photos of self
Commenced a Card
Cat of U.S.W. Fishes.
Received Hc from Train
Register fixing. 7/-

25. Sat.

Lined brick pond in
yard with cement &
at night covered the
Card catalogue cases
(made 2 years ago.)
with cloth.

26. Sun.

Finished the boxes &
fixed screwed rods. [123]

Went to Art Gallery
with Rose Claude &
Maude (the latter
came yesterday &
left this evening.).

27. Mon.

On leaving Museum
went to Temple. The
Dr. lent me Metronome
which was out of
repairs (Mumie I gave
to Birch prior to
leaving England.).

Received pictorial P.C.
from Nishikawa, a
Jap - Russo cartoon.

28 Tues.

On late duty. I
handed p.c. to Editor
of the "Telegraph" who
may use it in the

"Worlds News". Sent off
Reprints of paper "New
or rare fishes No 3."
Wrote to Waterhouse
re publication of the
suggested catalogue.
Repaired Metronome.

29. Wed.

Attended meeting Univ.
Soc. Paid Gas &cs. (two)
£ 3. 13. 7.

30. Thurs.

Fitted book boxes as
files for fish-catalogue
Bought new cornice poles
& fittings 2/- Attended
practice M. M. S. Rose
took Claude to have
his first tooth stopped.

July -

2. Sat.

On late duty. Fixed
Cornice poles.

3. Sun.

Gave pond in yard
a second lining of
Cement.

4. Mon.

Attended Committee
meeting M. M. S. noon.

5. Tues.

Wrote to Jordan re
dates Müller & Heule
forgotten papers prior
to "Der Plagiostomen"

6. Wed.

Attended practice M. M. S.
Chorus & Orchestra.

7. Thurs.

Went to Orchestral

Soc. concert, with Mrs
Hella well.

8. Fri.

Heavy rain & wind storms.
all day.

9 Sat.

Paid an early visit to
Paterson who filled two
teeth for me. Continuous
rain which nearly filled
my yard pond. The
articles sent by Wilfrid
on behalf of Mrs Waite.
comprised a pair of
sleeve links given to
Father by Ernest Beckett
& worn by his father
a silver pencil case &
a pocket triple lens.
Paterson gave me the
fountain pen which I [27]

have had a few days
& with which I write.

10. Sun.

Maudie Lucas who has
been with us since
Wed. returned home?
The family having
removed to Neutral Bay.
She has obtained a
situation again as
typist. My face was
very bad all day &
much swollen.

11. Mon.

Paid an early visit
to Paterson who made
a hole in my tooth
to act as a vent.

12. Tues.

Received subpoena to
attend Darlinghurst

Court Aug 2nd or there-
after, Appeal of foates.
Face very painful and
much swollen.

13. Wed.

Visited Paterson who
put another hole in
my tooth. Attended
practice of M. M. S.

14 Thurs.

Went aboard the
Airlie & saw Wetherall.
I obtained from him
4 more Betta pugnax
2 $\frac{1}{2}$. At night I fixed
up an arrangement
to warm the water
in which I placed
them.

15. Fri

Obtained living examples

of *Molge pyrrhogaster*
from China 6/- each.
Susie Nichols + Mrs
Potts called at the
Museum. The following
appears in the "Daily
Telegraph" to day.

Cutting:

Wetherall and Laura
came in the evening.
16. Sat.

Fed the birds on worms
they were very hungry
& had possibly not
been fed since they
left China. wrote

to Wilfred and Mr
Waite, both in ack^t
of trinkets received.
Placed a tile on the
roof to replace one
blown off in the late
storm.

17. Sun.

Placed balance of
glass Aquaria in new
house of which there
are now eight. As
Hellowell has been
ill at home for some
days I took him some
fresh eggs in evening.

18. Mon.

I gave Rainbow a
letter of intro. to
Rev C Garrover who
lectured this evening.

Attended semi-funeral
rehearsal. M. M. Soc.

19 Tues.

One of my Bettas
died. Received from
Friedlander three of the
parts of Steindachner's
Ich. Beiträge which I
had ordered. Bashford
Dean's Fishes Liv. & Foss.
is out of print. I
concluded skeleton of
Card Cat of N.S.W.
Fishes in prospective
of publication by the
Nat. Club.

20. Wed. #

Mr. Hargrove called &
I took him round the
Museum & workshops.

Attended diuneau Council.

21. Thurs.

Called on Russell Russell
& closed transaction re
Mrs Waite paid fee
10/6. Wrote to Train & Co
re M/c 7/6. Wilson's register.

22. Fri.

Attended Committee
M. M. S. mid-day. The
concert is to take place
next Friday.

23. Sat.

Am now verifying
References, Card Cat.
Froh. N.S.W., a tedious
process - !!

24. Sun

Mrs Potts was under
appoin~~tment~~ to come
to tea but failed
us. Maude came. [133]

25. Mon

Put a new pad on the silver flute & then discovered that one of the pad tubes was loose soldered it in place.

26. Tues.

Attended the final rehearsal M. M. S.

27. Wed.

Letter from Regan who proposes to work at Galaxiidae & asks for specimens. At night attended meeting Luncheon Soc. Letter from Wilfrid. Musical.

28 Thurs

At yesterday's Council meeting of Nat Club,

My offer of a Cat.
of fishes was accepted
for publication. The
cost of printing is not
to exceed £20 or there-
abouts. - With Grant.
I audited Nat Club
A/c's - There is over
£40 to credit.

29. Fri.

Concert. M. M. S. Rose
& Maude attended &
I played flute, neither
Smith nor Cameron
being in orchestra.
Paid our subscriptions.

30. Sat.

Cut opal glass for
tops of Aquaria.

August.

1. Mon.

Public holiday. Rose
& I went to town in
the afternoon and I
boarded the "Tambo".
Saw Wetherall. Susie
& Mrs Potts etc.

2. Tues

Letter from Jordan
pointing out that Iso
must stand as Ogilby
Tropidostethus is autedated
(Zool. Rec. Index.).

Paid Train & Co. 7/6.

Took the action of the
silver flute entirely
to pieces. cleaned and
replaced the keys etc
on the rods but did
not put them back

on the flute so that
the "barrels" may be
accessible for soldering.

3. Wed.

Took the flute to
Priora ~~who~~ seeing the
soldering I had done
said there was no
need for him to run
me into expence, he
gave me the proper
solder. some chloride
of zinc flux & lent
me a small iron -
I made a neat job
of the soldering and
after the usual trouble
replaced the keys etc.
I was pleased to find
that the instrument
responded at once [137]

even the low C.
giving a full tone.
Attended committee
meeting afterwards
(9.15.) of M. M. Soc.
& had confirmation
of the rumour that
Glasby was forming
a dramatic society
in Mosman.

4 Thurs

Attended Annual meeting
of the Nat. Club. Steel
gave an able address
on "Physics of the Sea."
Paid Sub. 10/- for the
ensuing year.

6 Sat.

Rose and I voted for
State election. Dr
Arthur Reform (candidate.

7. Sun.

In morning called to see Mrs Hellawell who is ill in bed with a poisoned hand - took fresh egg.

8. Mon

Letter from Jurney New Sec. of Nat. Club. asking for 'paper' for Sep 1st. With 'Betta' in mind commenced to put together notes -

9. Tues.

Bought score May Queen & Flute Intros by Dipple and by Kummer 3/3. Attended first practice of M. M. S. for second concert of the Season 'The May Queen'

10. Wed.

Rose + Maude went to Theatre, Wilson in paying rent said he would vacate "Burley" on Oct. 10th.

11. Thurs.

One of the springs of the Silver Flute having rusted and broken.

I made a new one according to direction of Priora. Lay a needle of proper size on a piece of metal, & heat until it turns blue and immediately drop into water.

12 Fri

Partly Copied Score of "May Queen" the M.S.

being execrable.

13. Sat.

On late duty.

15. Mon.

Attended Committee meeting. M. M. S. at noon
Concert fixed for Sep
21st.

16. Tues.

Had my eyes examined
by Wood as they have
soon tired of late.

He found no change
since the specs were
made 4½ years ago.

The A.S.W. Cat. of
Fishes may be responsible
for the trouble. At
night attended practice
of M. M. S. Bought
some flute and piano

nursie - Argenheyster -
10/9.

17. Wed.

An acute attack of
lumbago kept me at
home and in bed
for the greater part
of the day.

18. Thurs.

A circular sent round
for papers for "Records".
I handed in title
of paper on Eleotrids
of which plates are
ready + many notes
for writing-up. The
Nat. Club. asked
for estimates, printing
the Fish Catalogue.
I have my hands full
just now. viz: —

Paper for "Records"
Cat Fish N.S.W.
Lecture, Betta pugnax.
Plate for Etheridge.

19 Fri

The newts (*M. pyrrhogaster*)
which I have fed
well, are now in good
condition, but space
is limited for them.

20. Sat.

The Cat. of Fishes of
N.S.W. is nearly finished
and can be put in
hand as soon as
an estimate is accepted.

21. Sun.

Made rockwork for
Newts' aquarium of
Coke and cement &
emptied yard pond

The cement having
had a good coating
by this time.

22. Mon.

Seedy, well to bed at
7.30.

23. Tues.

Bought plate glass
 $36" \times 11" \times \frac{1}{4}"$ @ $1/9$. ft.
charged $4/9$. I had
another piece which
I cut to the same
size and at night
put together ready
for fixing, a vivarium
for the newts, it
will have a ground
space of $36" \times 11\frac{1}{2}"$
and $11"$ high -

24. Wed.

I have been continuously

at work on the Fish
Catalogue (see June 24).
for 2 months. & it
is ready for prints.
Although I have not
heard Paderewsky
I had good sight of
him yarning on the
'Australia' steps -
Attended practice of
M. W. S. - Bought brass-
cased tubing for the
Newt's Vivarium. At-
tended Lin. Society
Committee meeting -

25. Thurs.

Made nuts & tapped
drinking rods for
the Vivarium & fitted
brass casing. Letter
from Wilfrid, & from [145]

Dulan & Co, Pt of Bull
Soc. Philomatique, it
contains paper by
thomson. Sinclair
will take it over. 3/-.
Looked up articles on
"Chromis", Colisa etc.
for my address on
Sep 1st.

26. Fri

Commenced to make
Cartoons of Fishes to
illustrate address.

Got the Vivarium all
ready for putting to-
gether. Bought pitch
Lutta percha - 8/- lb.

27. Sat.

Finished Vivarium
put in glass & all
grooved work with

pitch 3 pts & gutta -
percha 1 pt. Painted
woodwork inside, ie
bottom and ends
with same, thinned
with tar then threw
on hot sand - my
own idea. it softens
the composition and
amalgamates forming
an asphalt - Also
gave outside woodwork
a priming of paint.

28. Sun.

wrote to Wilfrid

29. Mon

Ordered wood. Stand
for vivarium etc.
putted outside with
Litharge cement.

31. Wed.

Received subpoena for
Friday. Snake & Sparrow
Case - Attended meeting
Linn Soc. Exhibited
examples of Molge
pyrrhogaster.

1 Thurs Sep.

Received wood ordered
from Eaton

~~2 Fri.~~

Gave my address on
fighting West-building
fishes before Nat Club.

2. Fri.

Attended the Court but
the case being soon
over I went home &
put in some work
on the Vivarium table.

3. Sat.

Put Vivarium table
together. Letter from
Massey (per Norman)
asking me to play in
the "Rose Maiden"
Sep 8th final rehearsal [149]

SNAKES FED ON SPARROWS.

CONVICTION FOR CRUELTY.

UNSUCCESSFULLY APPEALED AGAINST.

Willis B. Coates, of the firm of Tost and Rohu, appealed, at the Quarter Sessions yesterday, before Judge Baekhouse, against his conviction on a charge of cruelty to sparrows. The appellant had been fined 1s, at the Water Police Court, for confining a number of live sparrows in a cage containing snakes. The ground of appeal was that it was not cruelty to confine live sparrows with snakes, birds so placed, it was contended, being insensible to fear.

Dr. Waddell appeared for Coates; and Mr. James (instructed by Mr. J. A. B. Cahill) for the society.

In support of the appeal, a quantity of evidence was taken. Smith Holmes, overseer of the Zoological Gardens, said it was his custom to feed snakes on live birds; he never knew snakes to eat dead birds or mice.

Evidence was given for the society to show that snakes had been kept for years on dead birds and mice, and that sparrows were very frightened when put into a cage with live snakes.

His Honor said he could not see that the stipendiary magistrate had done anything wrong. Witnesses had differed, as they often did, where a matter of scientific evidence was involved. There was no reason at all why these snakes should be kept in this way. If the snakes had been kept by appellant for the purposes of scientific investigation then other questions would have arisen.

The conviction was confirmed, appellant being ordered to pay £5 5s costs.

IN THE STATE OF NEW SOUTH WALES. }
TO WIT.

TO DAVID STEAD, ROBERT GRANT, EDGAR R. WAITE and
SMITH-HOLMES

YOU are hereby commanded that all business being laid aside, and
all excuses ceasing, you be and appear in your proper person before the
COURT OF GENERAL QUARTER SESSIONS OF THE PEACE, at **Darlinghurst**
near **Sydney** in the State of New South Wales, on

WILLIAMS
~~THE KING~~

against

COATES

Friday the second day of Sep-
tember 1904 at the hour of ten o'clock in the
forenoon of the same day, to testify the truth and give evidence on behalf
of the appellant in the case of Williams
against Willis Benjamin Coates

and that you so appear from day to day until the case be tried, and that you
depart not without leave of the Court, under the penalty of One Hundred
Pounds. And this you are in nowise to omit.

GIVEN under my hand, at **Sydney** in the said
State, this **thirty first** day of **August**
in the year of our Lord one thousand nine hundred and **four**

(sgd) A. E. Withy

Acting Clerk of the Peace.

on the 6th.

4. Sun.

Called on Norman then
on Massey who gave
Hute part of the
"Rose Maiden". I am
to play alone, i.e. no
second flute. I then
called on Priota &
took him two Carassius
gali. He gave me
some water lilies etc
for the pond. which
I have cleaned out.

5. Mon.

Called to see Miss Kemp
re score "Rose Maiden"
but none of the family
were in. Commenced
paper on Eleotrids.

6. Tues

As I intend writing on *Betta pugnax*, I declined invitation to write an abstract for papers. The following is from the "Herald" -

Fighting and Nest-Building Fish.—At the last meeting of the Naturalists' Club, Mr. E. R. Waite delivered an interesting address upon "Fighting and Nest Building Fishes." The group he said included such fish as the climbing perch, the Courami, and the paradise fish, which had characteristic breathing organs, allowing of direct respiration with the atmosphere. The fighting and nest-building habits of *Betta pugnax* (Cantor), a native fish of the Malay Archipelago, were specially referred to. The males of this species, said Mr. Waite, were extremely pugnacious, and these qualities had led the natives to breed and preserve the fish for public contests. Heavy bets were made on these battles; money, goods, and even personal liberty being staked on the results. They lived in any stagnant or dirty pool, often burying themselves in the mud. When fighting these small creatures were very gorgeous and imposing, throwing out their fins to the fullest extent, and showing brilliant rainbow tints along the sides of the body. A most interesting account of their nest-forming habit was given, on which subject Mr. Waite has made many original investigations. The eggs and the young become the particular care of the male, who, strangely enough, has to protect them from the mother. He keeps them securely attached below the nest, which floats upon the surface of the water.

So long as D. G. S.
gets his name into
the papers I suppose
he won't care in what
connection vide infra.

FEEDING OF SNAKES.

Mr. David G. Stead has published a pamphlet urging the necessity of feeding certain kinds of snakes on live birds. Mr. Stead selects sparrows for sacrifice, on the ground that they are small and cheap and numerous, and he claims that, through long domestication, they have lost any fear of snakes, and, therefore, that they go to their doom without any preliminary terrors. This theory of the stupidity of the sparrow is not likely to gain much credence in Australia, where it is well known that even the barnyard fowls, which are the most domesticated of all birds, set up a dismal clamour at sight of a snake. Australians in general will find it very hard to believe that the domesticated sparrow is as big a fool as Mr. Stead makes out; but the pamphlet might find acceptance among the members of the Royal Marine Light Infantry, whose duty precludes them from taking many observations of the ways of sparrows.

Attended rehearsal of
"Rose Maiden".

7. Wed.

Attended practice of
M.M.S. Received paper [153]

from Steindachner. Spent
morning at Lin. Soc.
Library.

8. Thurs.

Took Rose, Maudie &
Claude to 'Rose Maudie'
I played in the
Orchestra. Bought glass
for cover of Vivarium.

9.

Thurs.
Made wood frame
for cover of above
At Council meeting
of Nat Club yesterday
towards tender of
£18. for 3 sheets of
the Catalogue was
accepted and to day
I sent first part of
MS. to press. Wilson
sent notice to quit

to expire Oct. 10th.

10. Sat.

Charged and planted
vivarium and placed
newts therein. Letter
from Jordan. For
Lepidoblennius, Steind
(preoccupied) he proposes
waiteri, and for a
pipe-fish from New
Caledonia, Corythoichthys
waiteri. In place of
the arranged score of
"May Queen". Norman
has now obtained the
original setting, this
will mean some re-
practice.

11. Sun.

Commenced to build
rockery adjacent to the [155]

yard pond.

12. Mon.

Found Mr Hopcraft
Katie & Ivy at home
Maude also there.

13. Tues.

Letter from Wilfrid.
Wrote to Jordan (in
reply). Placed letter
of "Burley" in hands
of House agent. Asked
by Editor of a trade
journal for article on
Sunglass.

14. Wed.

Attended rehearsal of
M.M.S. - Received a
specimen proof of the
Fish Catalogue

15. Thurs.

Concluded Electric paper

16. Fri

Wilson paid rent to
10th Oct when his tenancy
expires.

17. Sat.

Commenced paper on
Betta pugnax. Leaving
Museum went to Cooks
River with Cherry and
Allan, got Pseudomugil.
Then I went to Bay
View House and left
some of the fishes with
the Dr. He promised
to send me 4 Saggars
to contain plants for
the yard pond. They
are rough receptacles
for pottery while in
the kiln & keep the
actual fire away from [57]

the ware. I reached home at 8.30 before Rose & Claude who had gone to Bronte.

19. Mon.

Attended final rehearsal ^{May Queen} ~~Rose~~ Maiden etc. Handed in papers on Eleotrids & Betta pugnax. The latter concluded today.

20 Tues.

The Tambo brought me letters from Deane & Hopcraft and Susie Nichols. The latter sent a pencil sketch of the burning of the "Ovalau" and asked me to "paint a picture" of it for her. Millis. Committee meeting.

21. Wed.

Attended committee
meeting of Linn Soc.
& at night took Rose
& Maude to our concert
"May Queen" etc.
Cameron was second
flute.

23 Fri

Paid Dog license.

24 Sat.

On late duty this
week, Allan made a
drawing of Betta
pugnax for me.

25. Sun.

Made W.C. drawing of
burning of "Ovalau".
cut gilt mount etc.

26. Mon.

Saw Townsend re a [159]

Specimen page of the
Fish Catalogue
Bought moulding &
glass & made frame
for "Ovalau" picture.

27. Tues.

Took Maude and the
family to a local en-
tertainment

29. Thurs.

Dr Vause sent four
Sagars to the Museum
& I instructed carriers
to deliver them to
"Headingley"

30 Fri

Wrote to Beach Hopcraft
at Vila. New Hebrides.
Paid Insurance on the
two houses £1. 2. 4.
& water rates £4. 3. 6

Saw Farnell & suggested
that the Fisheries take
some copies of the Fish
Catalogue.

October .

1. Sat.

Went aboard Isabel
& saw Bert. Etheridge
also to Taube and
obtained spear & fan
from D. Hopercraft. Both
boats to leave at noon
Letter from Jordan
re Holacentrus goldiei.

With Cherry & Harry
walked to French's Forest
Saw 2 large Fresh-water
Crayfish. Both had
pieces of newspaper to
their mouths, possibly
bits thrown over by
picnics or butchers.
& with food adhering.
Wrote to Susie Nichols.

2 Sun.

The Hellowells, to tea.

3. Mon.

Put yard gate into electric circuit, so that like the front it rings automatically. Filled up yard pond from 'tap'. by the meter it holds about 140 galls. - Planted water lilies in the 4 saggars & submerged. Cherry came to do some carpentering in my workshop.

4 Tues.

Attended Committee of M. M. S. at noon & practice at night. The first for 3rd concert. [163]

Bought a cell to aid
in operating the long
distance wire to the
back gate.

5. Wed.

Letter from W^m Waite
enclosing receipt for
interest to Apl. 23rd
£12. 8. 6. and a
long one from Roebuck.

He & his sister leave
England on 14th inst.

Arrive in Melbourne on
Nov. 26th & on Dec 6th
leave for N. Zealand.

Coming to Sydney the
middle of March -

6. Thurs.

The Fisheries Depart^t
will take 50 copies of
the fish catalogue.

Bought 2 Camphor Laurels
9² each. and planted
as shade trees, in the
future, for fish pond.

7. Fri.

Rose & Maude went to a
local concert. Wrote to
Jordan re "waited"
which I should have been
not required. Took this
day, late duty for
Rainbow.

8. Sat.

The Wilsons left and
delivered up the key of
"Burley." Paid Paterson
a visit & upper vicisor
trouble. Mrs Potts came
to dinner. Maude also.

9. Sun.

Cherry & Harry again [165]

came to use the
workshop. Had a smart
walk in the evening,
the tooth bothering me.
A colony of frogs in
a ditch near a church
which were making a
tremendous noise quite
quiet during the whole
time the bell was
tollled but resumed on
the sound ceasing.

10 Mon

Posted letter to Jordan
pointing out that the
genus Lepidobleunnus
Steind antedates, the
name of Sauvage &
that Waitea cannot
be applied to Aust. fish
(Noted on 7th / find.)

11. Tues.

Attended practice of
M. M. S. When "The
lay of the Bell" was
tried over.

12. Wed.

At home sick.

13. Thurs

Returned to work but
was not well.

14. Fri.

Last night my temp.
was over 100° & this
morning 101.2° so I
stayed in bed.

15. Sat.

Temp up to 102.8° so
Rose sent for a Dr
(Mugliston) he said
I had gastric influenza.
Maude became installed

as helper in the house.
Hedley & Allan leave
for the Barrier Reef.

16. Sun.

The Dr. again - my
mouth very foul.

17. Mon.

wrote to Fletcher to
excuse my non-atten-
-dance at Council Meet.

Dr. again came, he
finds sugar in urine
& put me on diet.

Rose took certificate
to Etheridge. Received
proofs fish Catalogue.

18. Tues.

wrote Norman to can-
cel my engagement
for forthcoming concert.
& sent flute music

Rose went to Tenepo
& saw Dr. Vause. She
took proofs to printers.

19. Wed.

Received and corrected
final proof of 1st sheet
& Maude took it to
Rainbow. The doctor
came. My mouth is
badly ulcerated &
most tender & painful.

20. Thurs.

Finished annotation
of Catalogue cards &
Rose took them to
the printers, Saw a
man re doing-up
"Burley" & the agent
who refused a tenant
@ 18/6. I told him
to ask £1 and we

would discuss offers.

21. Fri

The doctor again I
got dressed to day
& with the exception
of my foul mouth
& a bit of weakness
feel pretty well.

22. Sat.

Repayment of principal
£50 was made '7/IX/03
my next, (over due) is
for £30 with int.
from Apl. 23rd i.e.
£30. 10. 6.

This will leave a
balance of £325 on
which 1 years int.
will be due 23rd

April. '05. Mr & Mrs
Rambow called on me.

23. Sun.

Called on Dr who
said amount of
sugar was diminishing
Hellowell called to
see me.

24. Mon.

Rose went to Museum
+ saw Etheridge.

25 Tues.

wrote to Wilfrid.

26 Wed.

I went to see the
Dr again, thence to
Chemists for medicine.

27. Thurs.

went to town. The
Estate agent advised
me to accept a
tenant for 2 years
@ 18/6 a week. Rose

wrote to Cobbity for
terms re holiday.

28. Fri.

wrote Council Clerk
re assessment on
reduction of rent.
Dobb & Co for enclosure
of draft. Mr. Waiter
& N Shore Gas Co for
enclosure £2-12-0.
Accepted price £4
for "doing up" the
Cottage.

29. Sat

Townsend sent more
proofs of Fish Cat.
Letter from Norman,
to say that as the
concert will not be
held for 6 weeks!
may be able to assist.

30. Sun.

Having missed me on the boat Cherry called to see if we were on holiday. Wrote list of acclimatised fish for catalogue. Corrected proofs and prepared index of genera as far as pulled off.

31. Mon.

Visited Dr. Got a new certificate. Went to town got cheque. Bt globes for 'Burler'. Medicine.

November.

1. Tues.

Rose & Maude put 10/-
on the "Cup" sweep
run to day & drew
£5 which they divide.
Paid £4 for painting
etc "Burley". Received
proofs of final batch
of Fish Catalogue.

2. Wed.

wrote list of numbers
Edible Fish for Cat.
& Maude left to day
having been with us
since Oct.

3. Thurs

Went to town. Sent
Draft £30. 11. 0 to
Dible & Co & £2. 12. 0
to Gas Co. (chain.)

To Townsends obtained
pull from 3rd sheet
for indexing & proofs
wh. were sent for to
Norman after I had
corrected them.

4 Fri

Received intimation
that 2 weeks sick
leave had been granted
to me also reviews
of Eleotrids & Belta
wh. I corrected and
returned. Rose went
to Museum with proofs
of plates also for papers
Received proofs of Fish
Cat. Index, The Cat.
is to be issued on
Monday. Wrote post
re redirection of letters

Mande came to help.
Rose to clear-up and
pack & stayed overnight
Received newspaper fr.
Mr. Waite announcing
death of Bob Chorley
& sent it to Roebuck
at Geelong. Went to
see the Dr who said
I might return to nor-
mal diet with care.

5 ~~Thurs~~ Sat

Miss Megson will attend
to our livestock and
take charge of "Dash".
Left Redfern at 2.28.
Changed, Campbelltown
for Kirkham where we
were met & driven to
Cobbitty. "The Misses
Cummings, Pomare"

6. Sun.

The River Kepean is but 5 minutes walk from the house and in the morning I had a swim caught Petropinna retropinna with hand net. They are sandy to red in color. There are some fresh water mussels of which I obtained some.

7. Mon.

Swim before breakfast afterwards went down to river got Krefftia australis with hook.

8. Tues.

Swim, Spent morning at river & got some

Small Macquaria

9. Wed.

wrote to Etheridge & asked him to send me 6-bottle box & formaline etc. Letter from Townsend & a copy of the Catalogue complete. Letters from Jordan & Bashford Deau. wrote Fletcher and Le Quesne re non-attendance at respective Council meetings.

Went to a Creek & got more Krefftius

10. Thurs.

Spent morning by the river & having raised a rod caught some larger Macquarias

We had intended to drive to Camden in the afternoon but a thunderstorm prevented us.

11. Fri.

Drove to Camden. a call at the Station showed that my goods had not arrived. Went towards Paddy's Hill
Kreffins very common.

12. Sat.

A great influx of visitors, 27 at the table.

13. Sun.

During my swim I saw a Bee-Eater enter a hole and afterwards dug it out, 4 fresh eggs in the nest.

14. Mon.

Wandered round with
34 of the Party, Roberts,
Whyte, Pincombe & Porter.
The latter had a
small rifle and shot
a number of birds.
He cut the main
flight feathers out of
the wing of a Peewee
& ran it down. It was
handed to me, this
I will try to keep
alive. I got also some
other birds, Soldier &
Artamus. Received
map of district from
Museum.

15. Tues.

After keeping Peewee
in dark all night, it

took worms to-day
16. Wed.

Had our visit to the
river & swim in the
morning but rain
kept us indoors later.
I wrote to Allan.

17. Thurs.

Letter from Museum to
say the goods had been
sent. The Pewee is
very fond of beetle
grubs & feeds from my
fingers. I worked along
a Tee Tree scrub and
saw a jackass with
a bird in its beak.
Though I chased it
from tree to tree it
would not drop its
struggling squeaking

prey & finally flew
away. A thunderstorm
reigned in afternoon &
evening.

18. Fri.

Letter from Allan in
answer to mine of 16th.
Drove to Camden after
dinner, got bottle box
etc. At night (Moonlight)
I had a good spin in
the saddle.

19. Sat.

Though feeding, Peewee
is sitting "bunched".
In morning took to
river fishing tackle
just received & caught
Potamalosa in addition
to other species. After
tea I met Maude

accompanying the
buggies on horseback.

20. Sun.

Spent morning at the
river, took photos of
the boys while swimming.

21. Mon.

As some visitors were
leaving, I went in the
saddle to Kirkham &
home via Marellan.

22. Tues

Miss Cummings drove
Rose, Claude & Maude
while I took the horse
to Kirkham, & Camden
& home by Carrington
Convalescent Home. This
is the longest ride I
have so far attempted
11. miles. wrote to

the Dr & sent him
urine for examination.

23 Wed.

Spent morning as usual
by the river, swimming
etc. In afternoon Our
party drove to Camden
I accompanied on the
horse. Wrote Roebuck to
Seelung.

24 Thurs.

Rode the same route
taken on Tuesday.

25. Fri.

Rose & Maude driven to
to Brownlow Hill. I rode.
Letter from Dr. Inglis
he says all sugar
has disappeared but
urates are too common.
Letter from Haswell, he
asks me to index my

papers for Intern. Serv
Cat. Letter from Allan.

26. Sat.

Last Sat. I weighed 10.3
+ today 10.5. 5 lbs, as
much as, as far as
I know, I ever weighed.

27 Sun

Had my daily swim
at 5.30 am.

28 Mon.

wrote to Haswell and
Allan in reply. As
some of the visitors
left at 6. am. I
drove one of the traps
to and from Kirkcubbin.
In afternoon I took
Maude & Claude to "Paddy
Clark's" Hill, whence an
extensive view was obtained.

wrote to Susie Nichols.

29. Tues.

On going down for our swim. A large black snake glided from under my feet and entered our bathing pool, in which I subsequently had my dip. In afternoon the trio were driven to Camden while I rode.

30. Wed.

Rose sent tickets for Wm. G. concert to Katie. Received & returned new proofs of plates of Eleotrids, (condemned) as satisfactory. We all walked to the Bee farm bought 17 lbs honey.

Dec.

1. Thurs.

Rode to Camden, Rose
& others as before,
Sinclair sent Cheque
for November salary

2. Fri.

Letter from Roebuck
written from Geelong.
Walked to & saw over
the Ouslow's house
Wivenhoe, now vacant.

3. Sat

Letter from Haswell, he
has sent index cards
to Museum for me -
we all left Cobbitty
in afternoon for home
& arrived by 5.30 boat
Maude going to her
home. The Meppons

had tea ready for us -
found all in order
the garden withered
but the bush house
had been watered
The fish pond was very
low but blue lillies
in bloom.

4. Sun.

While Rose attended to
matters indoors I was
busy without. Gave such
plants as were revivable
water, Fed fishes &
newts, the latter very
hungry, When they
found that food was
about they seized
the first thing handy
including each others
toes to which they

hung tenaciously. I
found that of a
number of palm seeds
thrown into the ground
as possibly dead many
had sprouted though
nearly 2 years since
they were planted -
Filled fish pond. Spent
some time under the
house at the gas pipes
& let out much water.

5. Mon.

Developed six of the
Cobbitty photos, all good.
Two letters from Jordan.
Nov 1st acknowledges
my correction as to
Lepidobleunnus with
which Waitea cannot
be associated. Proposes

to transfer my name
"to something else."
Nov 4th will dedicate
Gobius mystacinus, 8th.
a new genus, to me.

6. Tues.

As 3 fowls had died
& all looked sick, I
overhauled the house
& found it swarming
with lice, removing
all fittings I kerosened
then lined everything.

7. Wed.

Put down rubble in
fowl-house for cement
of which I ordered a
cask, also battens &
laths.

8. Thurs.

Had a man on the

roof pointing ridging
& arranging shaken
tiles, I wired them
from below. I also
got him to put on
some lead flashing
with a view to stopping
an old-standing leak.

9. Fri.

Made photo post-cards
from some negatives
taken at Cobbitty.

Addresses:—

M^{rs} L. Crothers.

26 Thomas St

Lewisham.

Miss Nellie Millington

Victoria St

Lewisham

Miss E. T. Wilkinson

"Hillside" Lule St.

Dulwich Hill. [91]

Miss E. M. Sykes

Albany? Croydon.

Miss G. Bennett.

St. Just West St

Petersham

C. Whyte "Castlereagh"

Livingstone Rd. M. Ville

W Roberts. 354 Oxford St

Wollahra.

Jas. Skinner - (Woodman).

Cobbitty.

Jas. Hand. (Blacksmith)

Cobbitty.

J. Dempster

28 York St.

Now visited Paterson
he her teeth and he
invited us for a
motor ride tomorrow.

10 Sat.

Received goods from

Eaton paid £. 1. 2. 7.
with Rose and Maudie
I lunched with Pat.
& with Green as Chaf.
-feur had a long
motor ride from 2.30
to 5.0 covering
miles. passed through
following places.

12 Mon.

Returned to work, Saw
Townsend re delivery
of Fish Catalogue.
Jordan sent me his
photo. Several papers
awaiting me. Attended
Committee. M. M. S.
in evening. Maritana
selected for Opera &
a water concert on
Jan. 15th.

13. Tues.

Received the 25 copies
of Fish Cat., for which
I pay, those from the
Club not yet to hand

14. Wed.

Bought 30 ft of down
pipes in connection
with yard pond. 4/2

Paid over moneys for
Rose in connection
with Tattersal's Sweep.
at night attended
Choral practice W.M.S.

15. Thurs.

Bought "Maritana", 1/6.
Took out further Sweep
tickets, for Rose and
Maude, commenced
to make letter box
for front fence.

16. Fri

Received 25 copies of
Fish. Cat. from Nat.
Club. Called on House
Agent who paid me
£2. 15. 6 (from Nov.
8th to 30th) less his
commission £2. 8. 0
5% on £48. (1st yrs rent).

17. Sat.

Called on the Dr & went home by the two boats Neutral & Noeman's Bay. Joined piping together and tapped guttering of house for fish pond.

18. Sun.

Connected pipes to caught supply from thunder shower, requiring 24 ft more of piping. Finished & fixed the letter box (15th).

19. Mon.

Spent evening (all of us) with Mrs Down. Ordered extra piping for yard pond.

20. Tues.

Joined extended piping
which now reaches the
pond, 60 ft distant.

21. Wed.

Rose took Claude to
Mr. Downs where he
will stay over X'mas
Made angle connection
to pipe so that water
may be sent into the
pond or to waste, at
will. Newspaper from
Mr. Waite, contains an
account of performance
of Wilfrid's play, 'The
Eve of St Bartholomew.'
Attended council meetg.
of Univ Soc. Jensen
appointed to a Macleay
Fellowship. (£400 a year.)

22 Thurs

"Record" published it
contains my papers
on Electrodes & Betta,

23. Fri.

Bought an air engine
for Claude. 5/- Con-
sidering the difficulty
attending the working
of such machines, the
toy is a marvel. As
Budgerigars are now
to be obtained @ 1/-
per pair, I commenced
to build an aviary
in a vacant area in
the laundry.

24. Sat.

Bob Barnes' wife died
this morning. Bought
1/2" wire netting &

spent afternoon at
the aviary. Bought
5 pairs Budgerigars.

25. Sun. Xmas Day.

worked all day at
the aviary & finished
it with the exception
of glazing the window
(wire netted). the iron
base-tray and the
nest boxes. put the
Budgerigars in at
night. we had sent
to Mrs Meyson a
wrenger 15/- and toys
for the children, in
recognition of kindness
during our absence.
Rose went to Mrs Downs
to bring Claude home.
wrote to Wilfred.

26. Mon. (holiday).

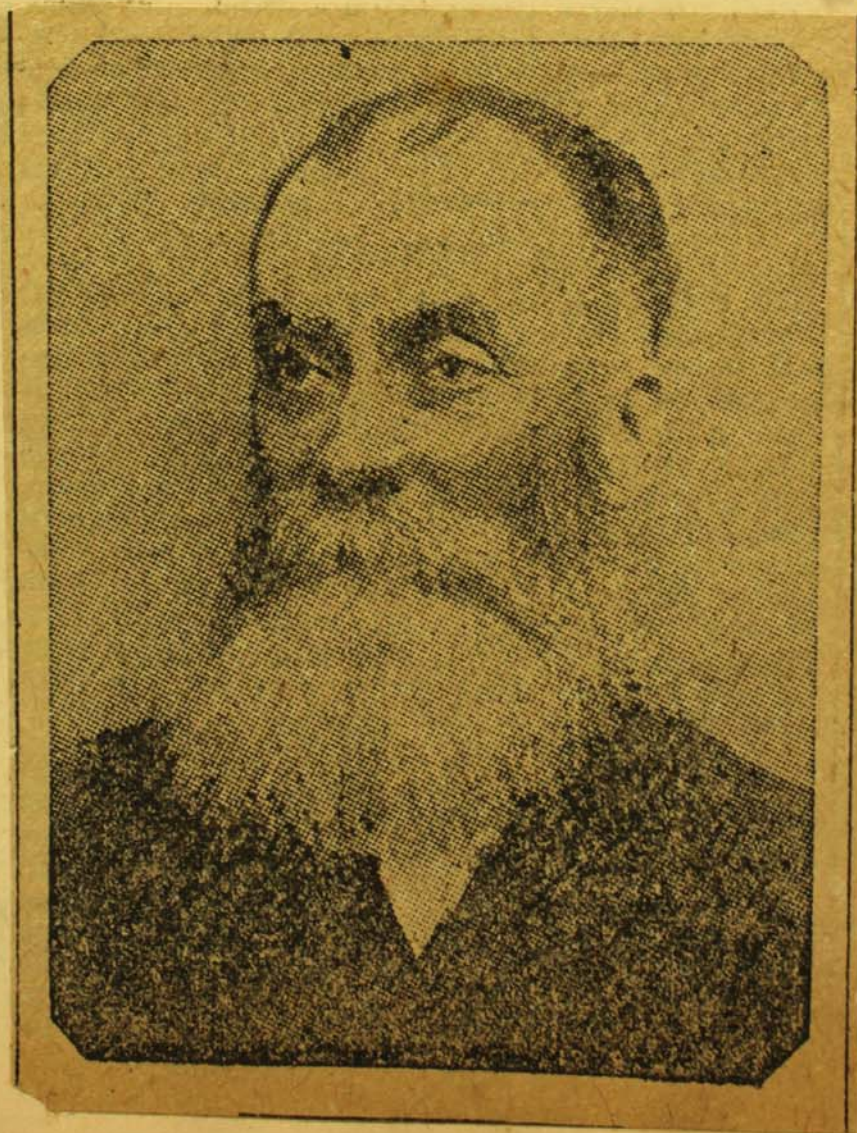
Cemented fowl-house
floor (see 7th.)

27. Tues. (holiday).

Made nest boxes for
Budgerigars.

28. Wed.

The death of Trebeck
causes a vacancy on
the Linnean Council.



29. Thurs. Susie Nichols
wrote to accompany picture
"Burning of the Ovalau".
wrote Jordan. Thanks
for portrait & associa-
tion of my name with
Gobius mystacinus.
Made more photo.
post-cards - Cobbity.

30. Fri.

Sent Susie's picture
by Waterhouse, posted
reprints. Cat. Fish
Eleotrids & Betta to
America

31. Sat. Holiday.

A fearfully hot day
the air choked with
Bush-fire smoke.
we had it 109° in

The Aquarium house
The official maximum
at Observatory 107.5°
As Hedley intends to
put in Monday at
Museum I arranged
for him to take my
duty, it being a
holiday.

The maximum temperature at Sydney was 107.5 degrees, which is only one degree lower than the highest reading ever recorded in the city.

1905.

January.

1. Sun.

The bush fires beyond
Muddle Harbor were
our nearest visitation

2. Mon.

Holiday - Hedley taking
my late duty. Kemp
came to tea, Cherry
in the afternoon -

Received Dr's Ac £5.3.0
Port Arthur surrendered
to the Japs.

3. Tues.

Concluded cat. cards
(Intern. Cat) & posted
to Haswell. Posted
reprints for English
mail.

4. Wed.

Posted newspapers. Heat

Took Rose + Maude to
"Patience" - Wallace
our "Pish Tush"; took
"Bunthorne."

5. Thurs.

Paid Dr. Mc £5. 3. 0.

6. Fri.

Worked at a Gecko
from Solomon Is. It
is Gymnodactylus

louisadensis, De Vis.

Attended Committee
meeting. M. M. S -

7. Sat.

Being my week on
late duty, did not
leave work until 5.0.

8. Sun.

We were all to have
taken tea with the
Hellowells, but (laude)

having stripped one
of his toe-nails off
I went alone.

9. Mon.
Took another Vol. (IV)
of my papers & the
Cat. Fishes. N. S. W.
to be bound. Called
at Cooks for list
of N.S.W. tours, in
anticipation of visit
of Roebuck. Attended
practice of M. M. S.
for water concert on
Friday.

10. Tues.

Had dinner with the
Josephs, left some
tickets for Friday.

12 Thurs
Received A/c 15/- for
repairs to roof ()

13 Fri.

Our concert on the
water a great success
in point of numbers
but too much so -

14 Sat.

Letter from Russell &
Russell asking for
the £30. already sent
Commenced to make
a wire flight cage
for the Budgerigars
so that they can
get out into the
sunshine.

15 Sun

Fricks came to look
at the aquaria. I

finished the cage
extension and fixed
it in position. Cherry
called in afternoon.

16. Mon.

Letter from Paterson
re Cotton Turner
Shares. Acknowledged
letter from Russell.
Letter from Kemp
& one from Jordan
re fishes of Samoa.

17. Tues

Letter from Mrs W.
saying that she
was making a pro-
posal through her
solicitors - Letter
from Dibb & Co with
receipt for £30 &
particulars of P/Us.

Amount owing	£ 325.
Amount due on	
Prom. Notes.	<u>405.</u>
Cash Oct. 03.	50
" Nov 04.	30
	<u>325</u>

The proposal is that I pay £ 225. with interest within a year - in full discharge of the £ 325. Madam wants to finger the money & considers = 1/2 a loaf etc.?

MOSMAN MUSICAL SOCIETY.

A successful moonlight-water concert was held on Friday night, under the auspices of the Mosman Musical Society, the Kulgoa, the new steamer of the Sydney Ferries, conveying a large party up the Parramatta River, after picking up passengers at the Mosman, Neutral Bay, and Milson's Point wharves. During the trip an excellent programme of vocal and instrumental items was presented by the society's full chorus and orchestra, which were assisted by a number of leading artists, including Mrs. Aylward, Miss Geraldine Rivers, Miss L. A. Smith, and Mr. Harold Reeves. Mr. F. Schmellitscheck was the leader of the orchestra, and the accompanists were Mrs. S. Garling and Mr. J. W. Tristram. Mr. A. H. Norman acted as conductor.

Letter from Gale,
posted this morning,
to say that a man
in George St. had some
Paradise Fish for sale
I went down & found
that "an old gent.ⁿ
had bought up the
lot on Saturday!"

The man told me
that he could get
me some tomorrow.
Bought another pair
of Budgerigars 1/- we
now have 12 birds.

18. Wed.

After communicating
with Cherry & others
I bought 2 doz. of
Paradise Fish @ 1/6
per pair (paid. 16/-).

wrote to Gale and
thanked him for the
information. Called
on Gregory re "Cotton
Liquid Fuel Burner"
& saw Cotton himself
who explained matters
I took 15 shares @ $7\frac{1}{6}$.
by favor of Paterson.
the price now being
10/-

19. Thurs.

went to Tempe, asked
the Dr for Tuesday.

20. Fri

wrote to Jordan, received
invitation from MR
Dowh for Wed

21. Sat

Allan went home with
me & I gave him £

Paradise Fish. Maude
& Trissie, came to tea-

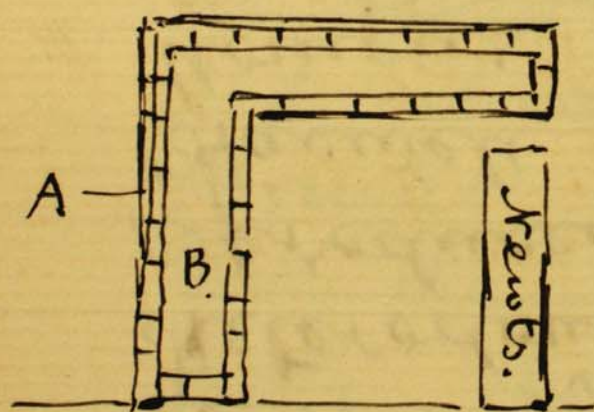
22 Sun

Cherry came & took
6 Paradise Fish. 4/6.
Laid 2 rows of bricks
in Aquarium house
to accommodate plants

23. Mon.

Finished brick work
which now runs along
two sides. A bricks

B. Soil and
plants.



Verandah

24. Tues.

Dr. Vause & Mr. Ellis
to tea.

25. Wed.

The Fishes. Cambridge
Nat. Hist. just arrived
I bought a copy £1.
Find my figure of
Heterodontus. Egg-case
reproduced from Parker
& Haswell & my note on
Nomenus quoted. (p. 643.)
by Boulenger. Went

~~26. Thurs~~ to Annandale
~~Recd~~ to Mr. Down's.
Music etc.

26. Thurs.

Received Townsend's Ac
for extra copies of the
Fish Catalogue, 10/-
One of the Paradise
Fish jumped out of
the Aquarium as I
was trying to catch

it & was killed. Bought
another pair 1/6. Letter
from Susie Nichols &
the island key which
contains 2 new records
Chaetodon flavirostris
Kyphosus cinerascens.

27. Fri.
Wrote to Roebuck. Dr
Vause called at the
Museum & left me
a medical ^{book} from wh.
he wants some figures
reproducing by process
Bought stippled paper
for the purpose. The
pair of Paradise Fish
I installed at the
Museum show signs
of breeding. the male
blowing a few bubbles.

those I have in the
Aquarium House at
home have, perhaps,
not light enough. I
will admit more.

28. Sat.

As I have many more
♀ than ♂ Paradise
Fish I bought up the
remaining stock, 16
fishes for 9/- I shall
have some available
for distribution. When
I reached home I
found that at least
2 pairs were 'nesting'
& in the afternoon
one ♀ produced eggs
these are lighter than
water & float up un-
der the nest, the [215]

male not therefore
having to collect them.
Took Claude to Finch
& found White there.
The former has a
nice collection of
living birds & is now
starting Aquaria -

29 Sun.

Other 2 pairs of Fishes
now have eggs. Made
some pantographs for
Dr. Vauces illustrations

30 Mon.

Public holiday. Welcome
rain filled my pond.
Paired off more fishes.

31 Tues.

The young fish in some
of the tanks are now
free of the eggs. Paid

10/- to Townsend for the
Fish Cat. extra copies &
£1 for Fishes, Cambridge
Nat. Hist. Allan brought
me Utricularia & Najas
from Duck Creek. I
removed 3 females from
their mates who are
now guarding eggs or
young.

February

1. Wed.

Collected £4. rent. I
now have 7 pairs of
fishes either bred or
breeding

2. Thurs.

Paid Water &c £1. 18. 9.
P.C. from Roebuck.

3. Fri.

Attended Committee of
M. N. S. at noon & in
evening obtained flute
part of "Maritana".
Trickh came & took
3 ♀. *Polycaanthus* 2/3
& I gave him plants.

4. Sat.

of 2 pairs of fishes
taken to Museum neither
has bred, so far.

5. Sun.

Spent most of day at the fishes. An eighth banded produced eggs & the nest scarcely begun. I removed some laid at 4.30 to time development. Isolated a number of young for observation.

6. Mon.

Removed the whole nest & eggs produced yesterday, to a vessel containing young of an earlier date from which the parents had been removed. Paid 15/- for repairs to roof. Frickh gave me 21 seeds of Cocos webeliana.

which I planted. Took
a drawing for Dr. Cause
for reproduction.

7. Tues.

Received books bound
by Corbett, and a nice
mess he has made
the Fish Cat. to be
bound limp, is in
stiff boards. The "papers"
Vol. IV. is trimmed to
such an extent that
the plates have suffered
& it is lettered wrong
end up! Attended
pt. Orchestral practice
M. M. S. - Maritana.
Robjohn asked me to
assist at Water Concert
in aid of Bush-fire
relief fund - 17th inst.

8. Wed.
Went to Botanic gardens
for pond - life food
for young fishes.

9. Thurs
Took day on Service
met Allan at Clyde
& we worked Duck
Creek with the seine
net & got some large
Pseudomugil in fresh
water, also *Philypnodon*
grandiceps - Returning
to the station I killed
a 5 ft. brown snake.
Went to Parramatta
• & was joined by Rose
& Claude & Mrs McCulloch.
Landed some of the
fishes alive at "Reading-
ley" some others dead.

10. Fri.
Edie Megson came in
the evening - Music.

11. Sat.
wrote draft account
of breeding of the
Paradise Fish.

12. Sun.
Spent most of day
in "dipping" young fish
& placing them in
the nursery. Cherry
came in morning &
brought a small fresh-
water crayfish & a
couple of young Galaxias.
Jackson came after
tea & stayed evening.

13. Mon
Took ill bound vols
to Corbett (see 7th)

* another set of my
papers Vol IV. for
binding. Called on
Priora who gave me
a small soldering iron
which he had made
for use on my flute.
& a scraper for removing
superfluous solder.

14. Tues.

Found that Etricularia
was devouring all the
young fishes in the
vessel wherein I had
introduced it. Received
proof of the block of
drawing for Dr Vause
& sent it to Tempe.
Attended practice of
M. M. S. Maritana.

15. Wed.

P. C from Roebuck he expects to arrive on March 10th at Mrs Parkinson's house we had a practice of music for the Water picnic. Friday. wrote up Utricularia episode.

16. Thurs.

Paid Gas &c £1. 2. 9
Took Rose to "Solantho"
Maude went to Gosford for a month.

17. Fri

Letter from Dr Vause approving of drawings. enclosed Chq. £2.15.0
The Water concert was very enjoyable. not too crowded.

18. Sat.

Set bricks round
yard pond as a start
to raising it by two
bricks.

19 Sun.

Finished setting bricks
which still require
to be lined with
cement. Cherry &
Jackson in morning
& after dinner I took
Rose & Claude to Art
Gallery to see Longstaffs
2 pictures of the King
& Queen, just added.

21. Tues.

Practise M. M. S. Received
books bound, from
Corbett to replace those
ill-done (see 13th).

22 Wed.

Bought for Museum
use Camera lucida
30/- Returned cheque
to Dr. Vause. to await
actual A/c.

23 Thurs

Saw Shine. All the
copies 'Austr. Snakes'
have been taken by
the Educational Dept.
The work is therefore
out of print. The
inability of a man
to obtain a copy
anywhere in town led
to my making the
inquiry -

24 Fri.

Stayed in town to
tea, then went with

Paterson to Tulloch's
Foundry where Cotton's
fuel burner was being
demonstrated - Saw
Farnell & told him that
there is a vacancy on
the Museum board, an
honor he covets. I
received a letter from
E. K. Scott who tells
me that he is on
his way to take up
lecturer on Electrical
Engineering* & discovers
in me an old school
fellow. I have only
a hazy remembrance
of a boy of the name
of Scott
* at the University -

25 Sat

A budget of letters
from Jordan. Finished
Cement lining of the
raised portion of the
yard pond. Letter from
Wilfrid.

26. Sun.

We all went to Mauly
in the evening. Called
on the Milners. Learned
that Mr Potts had
left them - thence to
Mr Down's cottage,
had a swim with
Paterson & Norman. We
found that we should
in all probability miss
our last boat. Rod
& Claude stayed the
night at Mauly. I

went on & caught
the woman boat by
jumping from the
paddle box of the
mauly boat, before
she was moored.

27. Mon.

Letter from Wilfrid, &
several from Jordan
who sent me copy
of a proposed code of
Ichthyological nomen-
-clature. Seale proposes
to call a Scarus after
me

28. Tues.

Made tracings of
some further drawings
for Dr. Vause and
at night attended the
M.M.D.'s practice.

2) Radewsky in Hydraz	24/8	
Court Snacks fed on sparrows	2/9	
Burley toilet	13/9	
Miss Stages King Queen	21/9	
Wilson vacate Burley	8/10	
Ill in bed	14/10	
I leave for Cobberthy Holiday	8/11	
Cobberthy Boarders.	9/12	
Claude spends xmas at Downs.	21/12	
Bought Hot air eng for Claude	23/12	
Temp 107.5	31/12	
Pt Arthur Purchased 15 Japs	1/1	1905
Mrs W's a/c	17/1	
E. K. Scott	24/2	

Hatching chicks Oct 26 03
 Ovalau wreck Nov 3 L.H.J.
 Claude under doctor NOV 7
 Claude whooping Cough Nov 16
 Cutting insect prints - fossils NOV 27
 Poll for fedl Senate NSW Dec 17
 Built steam boat for Claude DEC 28
 Claude cuts foot Jan 12 04
 Cutting Salvaging Cargo Ovalau wreck Jan 23
 Katoomba Holidays Jan 31
 MSS Staged Mikado Feb 10
 Bought silver flute Mar 17 } 1 Mar
 Russian Jap War Mar 17 }
 Luncheon Society NSW Mar 10
 Paper Cutting L.H. 1 fish 29/3
 Photo Dad. 4/4
 McCulloch Snaps dad 17/5
 Flute Snaps 25/5
 Court Case re Senate feeding 10/6
 Paper Cutting 11/6
 Australia wrecked 20/6
 Claude first tooth stopped 30/6

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

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GEORGE STREET, SYDNEY.

AMS587/46

[234]

14. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575. 2576. 2577. 2578. 2579. 2580. 2581

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