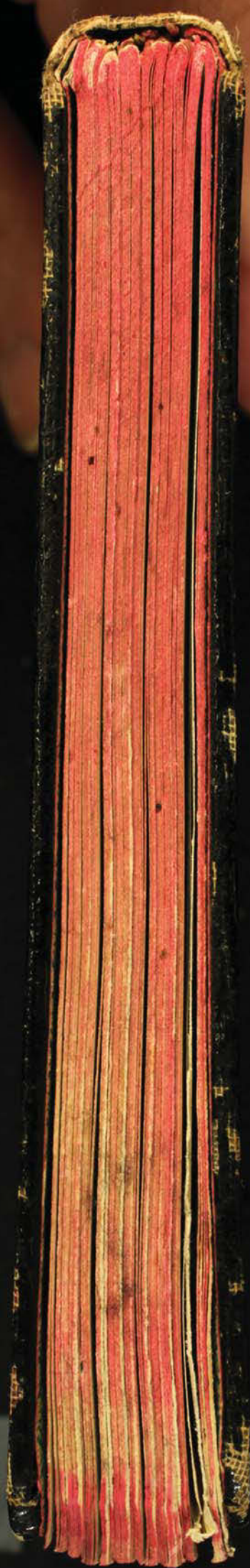


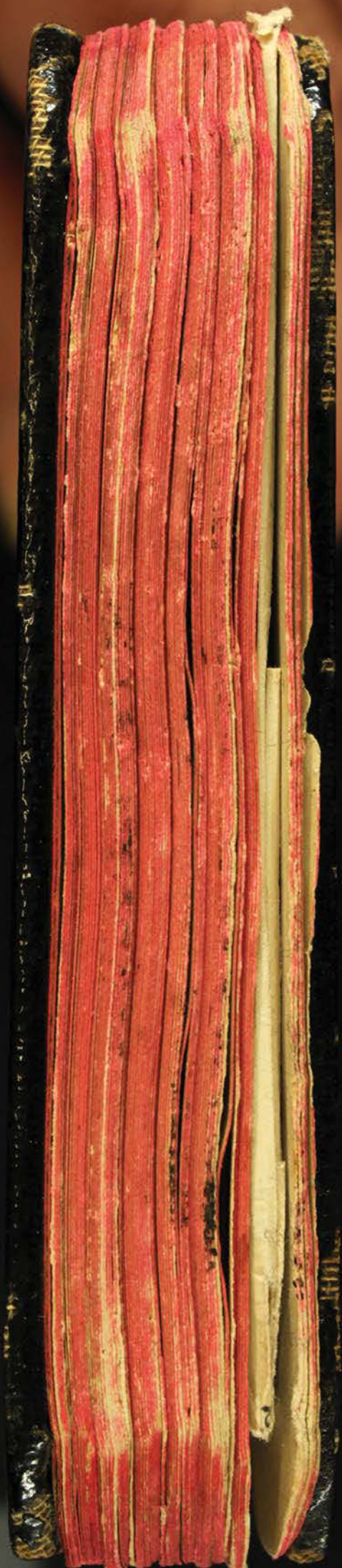
36











EDGAR R. WAITE, Esq., F. I. S.,

FALLOWFIELD,

43, BARCOM AVENUE,

DARLINGHURST,

SYDNEY,

N.S.W.

Book N^o 36.

1894.

Jan: 1st to
May 12th

1894 Jan

1 Mon: Holiday in
Australia Spent mine
in gardening. In
the evening we had
a walk round Lady
Mc Quarries Chair
Saw the Australian
Squadron - Hedley
joined us.

2 Tues: Bought yard
of primed Canvas
24g. Mr Paterson
gave us a young
Norfolk Island Pine
which she had
used as an Xmas
Tree. I planted it
Developed remaining [3]

Berowra photographs
only one of which
was satisfactory -

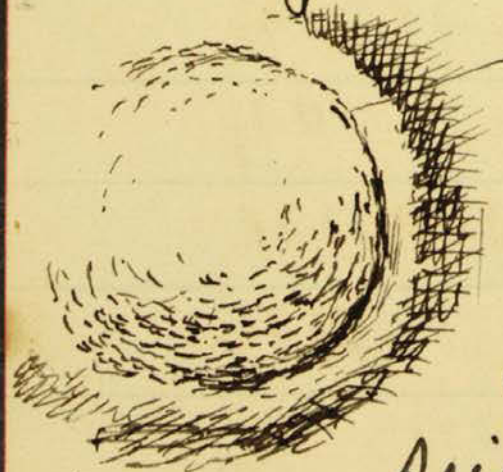
3. Wed. Stayed late
at the Museum and
prepared pickle for
wallaby skins. Thorpe
gave me the alum
but I had to buy
12 pounds of coarse
salt (1/-).

4. Thur. Rose bought
mosquito curtains £1.
I wrote to Father
dealing chiefly with
internal economy
of Sydney & suburbs -
Illustration "Mag."

5. Fri. Placed the Skins into pickle. Received a long & interesting letter from Will-Zoutpansberg. Mr. Cohen gave me a copy of the new Jewish Paper the Hebrew Times of which he is Editor and asked me for an article on Natural History
6. Sat. Hannah ~~Josep~~ Lazarus had tea with us and I wrote a sketch article on Scarabeans & Cockroaches for Cohen-
7. Sun. To day the little Spiders began to come out of the nest I had got at Perowra & drawn

On, Nov 28. I easily
recognised them as young
of the large black &
flat Tarantulas of which
they were very exact
counterparts, they ran
very quickly. They all
came out of the same
hole which probably the
first one had made. it
was slit-like very small
& just within the "ring"

(Position of exit slit).



To day I looked up
my Greek which
I had never touched
since leaving School
& found I had almost

forgetten the characters,
wrote a line to Belle
to enclose with Rose's
letter - We had a walk
round our Bay after
tea, submitted my
draft article to Cohen
who appeared to be
pleased with it

8. Mon. English Mail in
note from Aunt Longbottom
to say that a letter she
had written to me had
unadvertently been addressed
& posted to Cousin Will in
Goutpansberg - Letter from
Father & from Ernst. In
the evening I wrote the
article 'Scarabeus' and [7]

Cockroaches" and handed
it in.

9. Tues. Evening at Gunther's
"Study of Fishes" -

10. Wed. In the evening. C.
Rowling came and we
had our usual musical
practice.

11. Thur. Tea & the evening
at Josephs, from him
I bought a second-hand
copy "Treasury of Music"
for 6/-

12 Fri. This evening Mrs
Thomas came round &
told us that in the
garden of a friend (Mr.
Prescott was a plant of
the night flowering cactus

one bloom of which
was expected to open to
night. about 9.0 we
accordingly went and
found the bloom, open,
As it would be "dead"
by morning they told
me to cut it, this I
did & brought it away
the flower stem where
differentiated from the
plant is 12 inches long
& the bloom about 5.
across. The stem & outer
leaves. sepals? are of
green color & fleshy
the petals are numerous
& immaculate - The
stamens are multitudinous

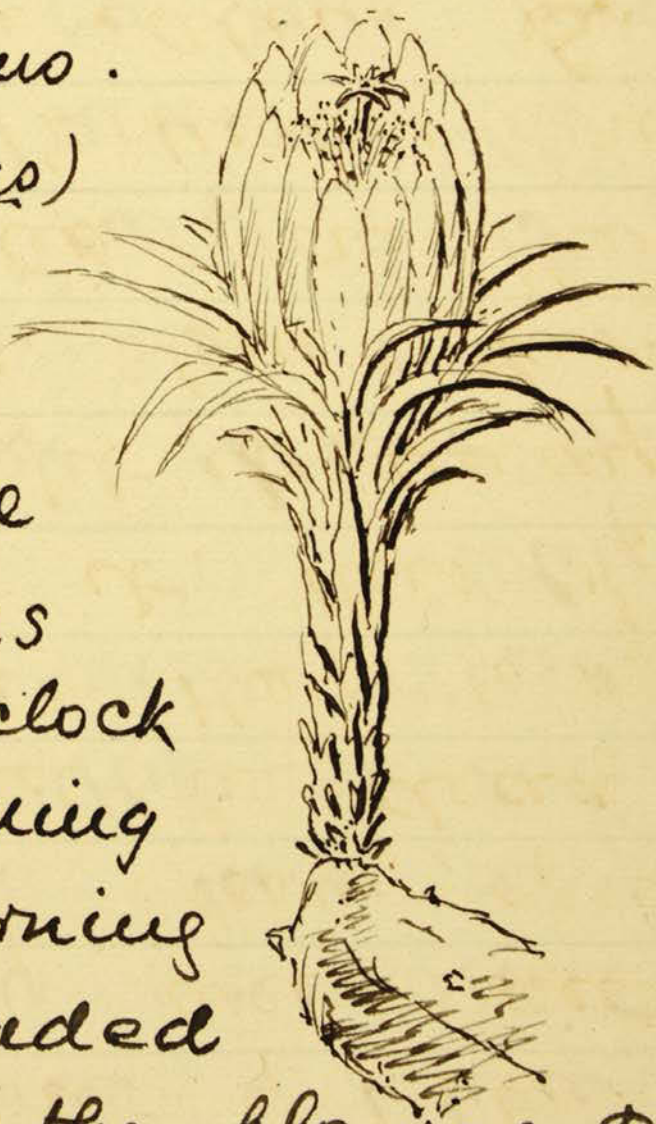
& look like golden
rain, The pistil is a
stout fleshy tube rising
high above the stamens
opening into a corolla
also of a rich yellow.

This night
flowering cereus.

(C. grandiflorus)

is one of
the torch
histles, the
bloom opens
about 8.0 clock
in the evening
and by morning
is quite faded

By cutting the flower &
placing it in water it



fresh much longer &
my sketch was made
next morning when
the flower was quite
presentable but as
shown in the sketch
the petals have closed
in a good deal. Why
should this flower open
only at night & for
one night only? I
suppose it must be
dependent on some large
moth for fertilisation.
and owing to its very
large size and white
color, conspicuous even
at night it would
probably be visited as [u]

prepare for a university course. The holders of these exhibitions in the past have proved some of the most brilliant alumni of our University. We heartily congratulate him on this his initial success; and hope that he will strive to follow in the footsteps of his brother, Master George Hains—a previous winner of a similar exhibition—who, after three years' work at the secondary school, passed, in December last, the University Senior Examination—equivalent to matriculation—in the first class, passing with credit in Latin, German, mathematics, chemistry, and also in English. For this performance, he was awarded the Spicer Scholarship from Prince Alfred College of £50 per annum for three years. He intends attending the University and taking the B.A. degree, where his career will be followed with great interest by numerous of his well wishing co-religionists.

MR. J. H. SOLOMON has passed the first year of his B.A. degree with first-class honours in Latin and Greek. Mr. Solomon, who is not eighteen years of age, has had a very distinguished scholastic career. Matriculating at fifteen, he last year gained a University scholarship, worth £50 per annum, for three years. He intends competing for the John Howard Clark Scholarship for English literature in March next, and we heartily wish him every success.

IN September last, Mr. H. J. Cohen, who had been hon. secretary of the Sabbath school for the previous two years, resigned his position, and the Board of Management have been unable to induce anyone to take his place. It seems a lasting disgrace that in a community like ours, where there are so many young men growing up who received their religious education at the school, there is not one with the interest of the community sufficiently at heart to take up this very estimable work. The school is of even more importance than the school itself, for unless the rising generation are adequately instructed in their religious observances, where will the future members of the congregation come from? If any of our young men have at least one spark of love for their holy religion, can they let this appeal pass in vain? The work itself is its own exceeding great reward; and the consciousness of having performed a duty should compensate for any self-sacrifice or inconvenience occasioned in the doing of it.

Tamworth News.

THE annual general meeting of the Tamworth Ladies' Benevolent Asylum was held at the Borough Council Chambers on the 11th instant. Mrs. N. Cohen, president, occupied the chair. The following ladies are among the number of honorary officers who were re-elected:—President, Mrs. N. Cohen; committee: Mesdames J. Barnard, L. H. Hyman, and S. Joseph, the latter being also honorary treasurer of the Cottage Home Fund. A

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THE members of the Tamworth Holiday Association held their annual meeting on Thursday last, Mr. J. Barnard presiding. Mr. Barnard was re-elected president, Mr. D. Cohen, one of the two secretaries, and Mr. V. J. Cohen is comprised in the new committee.

The Cockroach.

[BY A NATURALIST.]

THIS week I am pledged to write something about the cockroach, and it is the opinion of one of the readers of my last article that I shall not be able to say anything of it nearly so entertaining as I did about the scarabæus. We shall see! At all events, the cockroach should be of more direct interest; for that attached to the sacred beetle is to a large extent historical, while as to the cockroach many of us can claim a very close acquaintance with its outward aspect and some of its habits. However much I may admire this admittedly interesting insect, I am thankful to say that I have none of them in my house, but I am also thankful to know that if I want two or three I have not far to seek for them, and the few which I now have before me were obtained not very far away. I suppose everyone knows that the domestic cockroach (for there are many different kinds) is not a native of Australia, but was originally introduced from Europe. No doubt every vessel brings its cargo of cockroaches, which are landed with the merchandise, duty free; thence they are carried into the warehouses, and are scattered broadcast over the land. We tax the Chinamen coming into the colony; what do you say to a cockroach poll-tax? I have mentioned that these insects were originally introduced from Europe; possibly Captain Cook brought a sample or two. But then Europe was not their native home. There they were only aliens, and it would appear that they were not introduced until a comparatively recent date. "The East" is supposed to have been their habitat, whence they reached Europe by commerce, and about the year 1790 Gilbert White first noticed them in Selborne. He wrote:—"A neighbour complained to me that her house was overrun with a kind of blackbeetle, or, as she expressed herself, with a kind of black-bob, which swarmed in her kitchen when they got up in the morning before daybreak. Soon after this account, I observed an unusual insect in one of my dark chimney closets, and find since, that in the night they swarm also in my kitchen. On examination I soon ascertained the species to be the *Blatta orientalis* of Linnaeus. How long they have been in the country I do not know."

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[11]

soon as open - Letter
+ Cards from Wilfrid. +
P. Card from Father.

13 Sat. wrote an article
on the Cockroach + sent
it to Cohen stipulating
for a proof on account of
the mistakes in the other
paper. The weather has
been very hot the last
2 or 3 days. 100° yesterday
+ culminated in heavy
rains + thunder storms to
day. I received a letter
from Berowra to say a
box of fruit had been
sent to Deaforn for us.
The weather clearing in
the evening we went

down for it. The box
contained large quantities
of peaches, Passion-fruit
Nectarines and Plums.
Some of which we gave
to Mr Cohen and Thomas.

~~14~~ Sun. After tea we strolled
out & decided to visit
the Walkers, Jessie was
the only one at home
but her parents soon
returned. They asked us
to go on Saturday as
this was only a short
visit, walked home again.

~~14~~ Mon. Received Typhlops
from de Vis, a large
collection per Mr Lower
on his way, Brisbane

to Adelaide.

16 Tues. Letter from Father
informing me of Mr
Hartley's death & enclosing
a card of Walton, he
having sold his large
picture for £30. - Rose
had a letter from Belle
mentioning that Ernest
intended visiting Cal-
ifornia & New Zealand in
the Spring and would
have a few days in
Sydney. In the evening
Rowney, and afterwards
Mr Paterson and Miss
Hobcroft came round -
learned that "the D." left
New Zealand on Sat.

Jan.

17. Wed - At noon I met
the Misses Crossland
who were going to
call on me. I put
them into a bus &
sent them to Rose -
having to catch a
train they left as
soon as I reached home.
Working at *Gyphopida*
from de Vis. I am
at present working
out an interesting
problem re *T affinis*
& *T unguirostris* about
which I wrote something
in the evening. I also
wrote an introduction
to a proposed synopsis

of the Australian species.
I found what may
be a new form, the
nasal fissure does not
reach the ~~nasal~~ labials
a character new to
Australian species. A
paper on distribution I
may leave over for
a few months in the
hope of receiving more
material or data &
may pledge myself
to it in a footnote to
one of the papers I
hope to read at the
next meeting of the
Linnian Society of
N. S. Wales which

is to be in March
I may then give 4.
papers to be styled

4 T. batillus sp. nov.

5 T. sp.? - (new.).

X 6 Synopsis of species -

7. Taffinis Tungirostris

with figures of the
first two and may be
one of T. weddii, the
only published species
not illustrated

18 Thurs. To day we were
all called on to greet
'the Dr.' on his arrival,
he is less bloated and
looks much better, Mr.
Cohen invited me to
his lecture on the

Evolution of the English
few followed by an
animated (and by one
member a most cynical)
discussion.

19 Fri. Had a chat with
Prof. Tate who called,
asked him about the
Typhlopida in Adelaide
when he told me that I
was not likely to get
any material who was
somewhat of "the dog
in the manger" type. In
the evening I showed to
Cohen's eldest boys, the
microscope, explained it
and showed them some
slides to —

20 Sat. Henry printed
me a photo of the
Sea-Eagle group set
up by Thorpe. In the
afternoon we walked to
Waverley and stayed the
evening at the Walkers.
posted my letter to Father
the envelope illustrated
with Cereus grandiflorus.
Caught a large Hawk
moth on our fence wh.
Skuse named. as Diludia
casuina -

21 Sun. Spent the whole
day in drawing the
Eagle group on canvas
36 x 27 and laying in
the sky background

in color

22 Mon. - Letter from Shaw asking us to Rowling for Wednesday. I replied that being my week on duty (late). I could not accept for this week. The Dr. returned to his duties, In the evening while daylight lasted I painted again at the canvas, the largest I have yet tackled. Made rough drawings of my new Typhlops which is closely allied to T. bramminis, Daud. and from its perfectly —

distinct character from
other Australian species
T diversus would be
an appropriate name.

23. Tues. Kemp of Kempsey
sent me 4. Typhlops
3 of T. ruppelli and 1.
T. polygrammus, the
largest probably ever
seen by a scientist and
exceeded only in length
by the African T. humbo
(775 mm). This specimen
measured 717 mm. and
I made a note of it
recording its principal
dimensions, This day
I prepared the plate =
tracing containing 9.

figures, 3 each of
T. batellus, T. diversus
and T. widdii. In the
evening I amused my-
self by working-out
the plane-rule from the
"Popular Educator" and
did the following: viz:-
Line of Chords, of Sines,
of Tangents, of Secants
of Longitudes & Rhumbs.

24 Wed. Letter from Shaw
asking us (and Rowling)
for Tuesday at 7.30 -
A lithographer (Burton)
who does nearly all the
plates for Fletcher at
the Linnean Soc called
to see Hedley - he is

a Leeds man and was
for some time with
Taylor Bros., Cohen
brought me an insect
for determination, I
found it to be Pediculus.
Vestimentum

25th Thur. Made Sketches
of the heads of two
Parrots for North to be
drawn for a plate.
Capt. Hutton of Museum -
New Zealand
called and we should
have over our respective
departments, Allan
having sent some more
birds from 5.30 am
I was putting some

down, also in the
Evening but I was
stopped by the rain
a fine drizzle which
has been falling for
the past 3 days in-
-termittantly, this fine
drizzle somehow always
reminds me of Whitby
is it more common to
the coast than inland?
This being my late
week + tomorrow a
public holiday, (anni-
versary day) I shall be
on duty all day, so
prepared for a good
paint at the Eagle
Group.

26. Fri. Painting all day
at the Eagles in the
Museum. The evening
found me putting down
the remainder of the Sods.

27 Sat. This afternoon I
also painted at the
Eagles being 'on duty'
until 6.0 Letter from
Branson re Amalgam,
he will write further
next mail, Letter from
Father & paper giving
account of affairs at
Tuarebro'.

28 Sun. In the afternoon
we called on Mrs Forde
and had a pleasant
chat as usual.

29. Mon. While at lunch
in town I was told
that according to "Truth"
Dr. Vause had been at-
tacked by an inmate
bought the paper. and
the following is the cutting.

MURDEROUS ASSAULT

IN A

PRIVATE LUNATIC ASYLUM.]

**A Refractory Patient Attacks
the Medical Superintendent
With a Knife.**

**He Will Carry the Gash
to His Grave.**

**Some Particulars Respecting the
Asylum in Question.**

Some idea of the dangers attendant in the
treatment of those of our fellow creatures

Some idea of the dangers attendant in the treatment of those of our fellow creatures whose mental blankness demands their detention in any asylum may be gathered from the fact that at a large private lunatic asylum at Tempe, Cook's River, a patient named Tebutt recently slashed the Medical Superintendent, Dr. Vause, so seriously with a knife that for a time his life was in great peril. Now, however, he is out of danger, thanks to the skilful attention of three brother medical men. The affair is being kept quiet for obvious reasons, and, whilst fully recognising that it is not the province of a newspaper to intrude itself on the privacy of domestic life, still, in the interests of humanity in general, and that portion of it which is directly interested in the inmates of asylums, both public and private, TRUTH feels that it would be remiss in its duty as a people's journal did it not give some space to the occurrence if for no other reason than to emphasise how much caution is required in the treatment of diseases of the brain.

The affair happened about dinner time, when, as is his wont, Dr. Vause was going round to see that everything was all right. Tebutt, who is reported in the neighborhood as a violent case, without any warning seized a table knife and made a rush at the doctor, at the same time launching out as if to slit his weazen. By an adroit movement, however, the doctor evaded that blow, only to receive another which shaved off one of his eyebrows and sliced his windpipe. Knocked insensible, he was in imminent danger of his life at the hands of his murderous assailant when the attendants intervened and secured the madman, whose thirst for blood was now roused to brute pitch. As it was, Dr. Vause emerged from the fray more dead than alive. In addition to the wounds mentioned the knife had gashed his cheek and entered his body near the shoulder, in such a way that the medical superintendent will carry the marks to his grave.

Considerable local comment has been made concerning the want of a special attendant to watch this man Tebutt and doubtless now

emerged from the fray more dead than alive. In addition to the wounds mentioned the knife had gashed his cheek and entered his body near the shoulder, in such a way that the medical superintendent will carry the marks to his grave.

Considerable local comment has been made concerning the want of a special attendant to watch this man Tebutt, and, doubtless, now that attention has been drawn to the matter, the Inspector-General of Lunatic Asylums will make every inquiry with a view to prevent the possibility of another such murderous assault being committed.

In the institution in question there are about 17 men and 20 women who are paying for their board, as well as some 50 Government patients, mostly a feminine donation from our large and overcrowded State institutions. These are looked after by a staff of hired attendants, who are paid from 15s to 25s per week.

The patients' bedrooms are as neat and tidy as possible, all wire mattresses, feather pillows, etc.; dining-rooms, reading-rooms, bath-rooms, billiard-rooms, and every convenience in doors, with lawn tennis grounds and fine lawns out of doors.

Everything that can be done is done to restore the mental equilibrium of those who are so unfortunate as to require detention, and it is as difficult to get a patient in as it is to get a billet.

You have to fill up printed forms (only issued by the Government Printer), then your lunatic must be separately seen and interviewed by two duly qualified medical men, a justice of the peace and others. Afterwards these papers must be given to the medical superintendent of the asylum, and, if correct, the patient is admitted. Again, all papers must be sent immediately to the Inspector-General of the Insane, and then the lunatic may be considered safe, but only for a week or two, for shortly the Government officers visit the place and see the lunatic, and then, if there is no fuss made, your lunatic remains tolerably secure for a few weeks more, when down come the Government Inspectors again, and "for the term of his natural life" they (the inspectors) see him every month.

The question arises how could the medical superintendent of our largest private asylum be hacked by a patient—surrounded as patients are by every safeguard?

The answer is "There are lunatics and

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The question arises how could the medical superintendent of our largest private asylum be hacked by a patient—surrounded as patients are by every safeguard?

The answer is "There are lunatics and lunatics." As a rule it is only comparatively quiet patients who are sent to private asylums for treatment, such as could not be treated as raving lunatics, but must rather be dealt with in a gentle way and with a semblance of freedom and the ordinary régime of domestic life, so that it would be most injudicious to make a difference in ordinary daily habits. Consequently most of them cut up their own food, and generally look after themselves in a way which enables them not to feel their position too acutely. Some, however are liable to changes of temperament, and then they are dangerous. It is impossible to foretell the recurrence of epileptic fits, and though the patients are constantly under the eye of their attendants, yet serious complications sometimes ensue. However, treating these lunatics in any other way, such as removing all table cutlery, etc., would be very injudicious, as such sensitive people would at once realise that they were unfit to be trusted, and that feeling would retard their recovery.

A good medical superintendent knows that one recovery is of more professional credit to him than ten new patients. This asylum is a paradise to the poor lunatics who have completely lost all mental energy, and to whom remain only the animal instincts of Food and Sleep.

The number of absolute recoveries in both men and women is some proof of the wisdom of the administration at Dr. Vause's, and the late lamentable accident could not have been avoided without doing much harm to the many by being too careful of one who, in his lucid moments, is a most gentlemanly and pleasant individual.

I at once wrote to
Mrs Vause. Sent copy
of Sunday Times (which
however contained no
account of foregoing)
to Father wrote to Mrs
Forde re a Conchological
book, Received a note
from Paterson, Drew a
plate of the heads of
2 Parrots for North.

30 Tues. Having expected
to see Rowling last
night Rose took him
a note ~~the~~ to night's
invitation. At 7.30
Rose & I went to Newtown
& Rowling joined us
at Shaw's. where we

had a musical 'set-to'
Shaw invited us for
next Tuesday + weekly
31. Wed. When paid the
sheets contained a foot
note to the effect that
if an extra Museum
Grant was not received
our salaries were paid
Subject to reduction
from the beginning of
the year. I was paid
at the reduced rate
viz £245. Finished my
plate on the Typhlops
illustrating T batillus
T diversus and T wiedii
and after Museum hours

Hedley and I went to
see Fletcher to whom
I gave the plate of
the Parrots & Typhlops
Hedley had tea with
us & we went to Mrs
Forbes who would have
me bring away some
cosmetics for the garden
Met Neville Cayley the
bird artist who was
much pleased with my
eagle picture & whom
I was pleased to meet.

Feb. 1894.

1. Thur. This morning
2 young Red-heads

Came to the Aviary
They were very tame -
wrote to Morton and
Zietz Curators of the
Hobart and Adelaide
Museums. and with
the former letter I
enclosed a note
from Hedley. When
asking "the Dr." to
initial the envelope he
read my letter & also
penned a note and
although I told him
that Typhlops (for
Australian species of
which I had written)
did not occur in

Feb

Tasmania he wrote
& asked for specimens
collected there. wrote
to Father, Platypus on
the envelope

2. Fri, Among the trees
in front of Fallowfield
I saw 4 Gallinas
this morning, Nedley
& I went to see the
process illustration at
the Town & Country Jour-
-nal but the Bain
not being there we
were shown by one
of the men, not the
process at all but
simply etched zincs
and any number of

original drawings -
The man would not-
show us any of the
actual methods of
reproduction. Skuse
received a beautiful
large phasma which
he believes to be new
Mr. + Mrs. Thomas spent
the evening with us -

3. Sat. Letter from Dad
Made a rough sketch
of the Phasma. In the
afternoon Rose and I
walked to Double Bay
taking with me some
oil sketching materials
hoping to get a few

Feb

rock studies for my
eagle picture did not
see anything suitable
& found I should have
to go to the sea side
therefore arranged to go
to Maroubra tomorrow
made a carrying frame
for the 36×27 canvas
it not being on a
stretchers, packed up
camera legs to form
an easel with and
generally "rigged" - up

4 Sun. Took my Canvas
Color Box ¹⁰ by ¹⁰ 4 5
train ^{coogee} to ^{walked to} Maroubra wh.
I met Whitelegge and
others. On watching the

waves as they came
up & looked as though
they would come over
us but died away
at our feet, one a
very quiet inoffensive
looking wave came up
& before we had time
to realise that it was
of unusual size was
quite over us. Whitelegg
said that in all his
experience of Maroubra
he had never been so
badly caught before.
We soon had our tops
off & they dried on
the hot rocks scorching

sun while we had
 a bathe in the some-
 what turbulent sea.
 after lunch I fixed
 up my canvas on the
 extemporised easel and
 layed in some rocks
 keeping quite out of
 reach of the most
 aspiring wave - While
 so engaged a man
 was catching eels by
 means of a long iron
 rod six inches of
 twine & a large hook
 heavily baited, he
 poked this into deep
 holes at the edge of
 the surf and caught

a large number of
fish. just where the
surf was breaking over
the sea-weedy rocks
numerous crabs were
on the look-out for
tucker. As a wave
came up they depressed
themselves to the rocks
& held on to the weed
or stone until the
water went down they
then ran rapidly &
picked up and carried
off anything edible
they could catch. I
chased one or two
but could not make
they leave go their

Feb
captures. I think that
crabs may be called
the monkeys of the sea
they do the most
laughable things. One
of the sand crabs when
placed on a rock
where it could not
burrow ran to try
to get off the rock
& on being stopped
it raised itself high
on its legs, protruded
its stalk eyes and
lifted its nippers in
a very menacing
attitude - sufficiently
threatening to deter
any ordinary enemy.

when placed upon a
boulder they run over
the edge and when
I thought they must
inevitably fall over
have run along under-
neath like flies on
the ceiling. Once I
got up to have a
street ~~at~~ & on returning
found a very small
crab had visited my
palette and on seeing
me ran off in great
trepidation, its tips
bedaubed with Flate
white, did it 'go for'
the white because it
was the largest

Feb

"doll of" ? being of
the size of a florin
Whitelegge collected a
number of Physalids
living - washed in by
the rolling surf -
landed home at 6.0
I afterwards wrote
to Wilfrid and Rose
to Fanny.

5 Mon - Rowling came in
the evening when we
had our musical - ?

6. Tues. In the afternoon
Mr Joseph & Mrs Lazaras
came & stayed to tea
I afterwards looked-up
my "foreign stamps"
& stuck representatives

on cards.

7. Wed. Mrs Paterson called to see Rose Skuse who was not well asked me to remain until 6. as it is his "duty" week glazed the Pleuronectes limander which Sidel had given me -
8. Thur. Working at the Pythouida found most of the Museum specimens wrongly named. This day we had very heavy rain which scarcely ceased all day and cooled the air gratefully -

Feb.

9. Fri. Received letter from
Father in which he
mentioned the amalgam,
I called on Ellis to
see Paterson but he
was not expected to
night as was his
usual custom. Also
received January "Naturalist"
in which Doebuck had
mentioned my "Notes on
Australian Typhlopidae"
on page 16.

10 Sat. Paterson called
in the morning and I
told him about Brauser's
letter re, sent a. p. c
to B informing him
of what I had done

Hedley came in the
afternoon for a lesson
in photo, we took
the camera to the
bay and exposed a
couple of plates and
developed them after
tea - Saw prospectus
of Lydder's "Royal
Natural History". Had
some talk with Grant
about animals re. a
Parrot the Galah
Cockatoos

breeds in a hole in
at tree a some height
and ring-barks it,
then strips all the
bark from the ringing

Feb

up to its nest a
distance of some feet
this is to stop the
course of the "goannas"
(varanus) which can
ascend the bark but
not the decurved trunk
he has seen them 7
feet in length & they
live in holes which
they excavate under -
ground. Some of the
bower-birds are so
extremely shy that
they can scarcely be
obtained by ordinary
methods they are how-
ever very inquisitive
and advantage is

taken of this trait
a red blanket, or other
conspicuous object is
hung up and soon
quite a crowd of
these birds will gather
about it. Even if a
few pieces of shining
objects, crockery etc
are scattered about
the Power birds will
endeavour to carry
them off. Grant
told me that if a
bear is suddenly
surprised it will go
for the nearest tree
even a sapling. The
sapling may be

Feb.

most vigorously shaken
but the bear cannot
be dislodged. If the
annoyance be long
continued the animal
will be obliged to move
and will slowly come
down crying like
a child
On one occasion he
found an old bear
with its young one at
a water-hole and
with the assistance
of other men secured
the little one. The
mother ran after them
at its best speed
crying all the time

The little one responding
not wishing to harm
the old bear they
soon distanced it.
This occurred in the
early morning, in the
evening when they
again went to the
water the bear which
had not been noticed
sprang at the leg
of one of the men &
it had to be beaten
off. This shows a certain
amount of intelligence
On telling Hedley he
said that the Blacks
when they saw a

bear generally
 climbed the tree and
 lopped off the branch
 where it was sitting
 Should the bear cry
 out while the fellow
 was so engaged, the
 man would at once
 leave the bear alone.

Blacks climb trees
 by kicking with a
 Tomahawk, by means
 of a band of vine
 creepers passed round
 the tree and their
 own bodies or in
 some places, the
 ankles are wrapped

with creepers and
the thongs passed
round the tree so
that by pressing
the feet against
the tree & forcing
the ankles outward
purchase is obtained

11. Sun. Painted all the
morning at the rocks
in the Eagle group.
In the afternoon Mr
Paterson came and we
had a stroll.

12 Mon. Ordered & paid
for Lyddaker's Royal
Natural History from
Augus Robertson. issued

Feb.

monthly @ 1/- to be
completed in 36 parts
I paid £1-16-0 down.
Rowling came in the
evening & after our
usual practise we ar-
-ranged to visit Shaw
tomorrow.

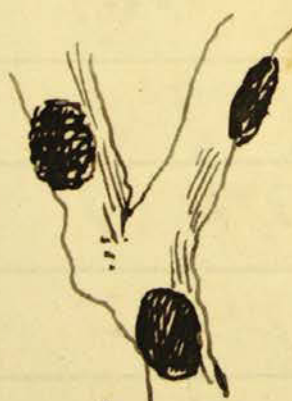
13 Tues Bought 5 quires
of thin paper for notes
on Australia? 2/- Mr
Paterson visited Rose
Walker called at Museum
In the evening Rowling
& I went to Newtown
after our music and
while at Supper Shaw
produced a circular in
which it stated that [49]

Ison was leaving the
old Echloe and that
a dinner, & testimonial
would be presented on
Feb 14 (tomorrow) so
we arranged to send
him a letter bearing
this date, it being
decided that I was to
draw it up

14 Wed. wrote letter &
posted it to Rowling
for signature. Some
time ago I noticed an
Homoptera? on our
Passion Vine in large
numbers, the larvae were
curious looking things

Feb.

with tufts of hair &
jumped as did also
the adult insect which
was fully winged, Skuse
named it Pochazia
australis, a scale
insect is now in the
garden, it has at-
tacked the Nasturtiums.
principally and simply
looks like a small
brown patch in its
present state. The



name of this is
Lecanium oleae
both are destructive
they are about
the size here shown.

15 Thur. Before breakfast
I took 3 photos, 1. of
'Mag.' the others of a
Chaotodon and Esquimaux
for lantern slides. They
I developed in the evening
with disastrous results
'Mag' was on an old &
fogged plate, Esquimaux
over exposed, Chaotodon
correct but film slipped
I painted a snow back-
ground for a case of
Ptarmigan for Grant -

16. Fri North gave me a
few large Beetles from
the Herbert River, Skuse
identified them as a

common Queensland Species
Xylotripes australicus Thoms
 We were awakened at 3.
 last night by a loud
 peal of thunder & amid
 vivid lightning the rain
 came down in torrents &
 was still raining at 6.
 In the Museum reports
 I have spelt the trivial
 name of Varanus after
 the example of Whitelegge
 "Goanna" the following
 appeared in yesterday's
 Daily Telegraph.

SCHOOLMASTER WANTED.

TO THE EDITOR OF THE DAILY TELEGRAPH.

Sir,—The schoolmaster is wanted at the Australian Museum. I was amused at seeing our old friend the "Goanna" figuring among the list of donations in your Monday's issue. If it had only been spelt Gohanna I should have been completely happy.—Yours, etc.,
 VERNACULAR.

we put our heads
together, and Skuse,
who has had some
practice in writing
similar newspaper ef-
fusives, evolved the
following —

SCHOOLMASTER WANTED.

TO THE EDITOR OF THE DAILY TELEGRAPH.

Sir,—It is only at picnic times that my mates and I have the pleasurable opportunity of perusing your columns, and it is fortunate that a copy of your last issue crossed my path, as it contained something of a personal nature. So somebody wants to call me "Gohanna"! Though certain scientific people will have it that my surname is *Hydrosaurus*, and that my common or garden name is Lace-lizard, the language of the bushmen insists that I am "Goanna." It is very apparent that the early settlers considered me to be an *Iguana*, and I am only grieved to think that my present appellation is but a corruption of that of my foreign and distant cousin. At anyrate, if this is the correct derivation, your correspondent cannot borrow any "h's" from it. It only remains for me to surmise that your correspondent is anxious to assimilate my name more closely to that of a place where frost and snow are unknown, with the object of warming me up a bit, for I suppose he knows that I am a very cold-blooded creature. I may appear a little fastidious, but I am not seeking the position of a schoolmaster. Still the world wags.—Yours, etc.,
February 15. GOANNA.

Feb

In the evening I wrote
to Father mentioning the
letter, Iron, Nat: Hist:
L. N. Club. Ann. meeting
Amalgam and accident
to Dr Vause remarking
that I had received no
answer to my letter
illustrated the envelope
with an Echidna. In a
Postscript I mentioned
that I might send the
Eagle Canvas for criticism
to Uncle Banks.

17 Sat. The Subject of
the "Goanna" is not yet
at rest, the following
appears in the Daily
Telegraph of this date.

NOTES OF THE DAY.

(BY OUTIS.)

The "goanna" question is coming rapidly to the front, and has already engendered a considerable amount of sneery bitterness in the correspondence columns of this paper. It was started by an indignant citizen writing to complain of the people at the Sydney Museum offering him a gross orthographical and etymological insult, not to speak of outraging all his finer feelings upon natural history. This was done by their flaunting before him a reptile officially described as a "goanna." "Where is the schoolmaster," he scornfully asks, when such solecisms as this are allowed to be perpetrated under the very nose of a Government which is spending over three-quarters of a million a year on education? The goanna, however, he merely regards as the thin end of the wedge, and fully expects that, emboldened by impunity, they will not long hesitate at "go-hanna." This debasement of the orthographical currency of the country strikes him as a very serious matter, but a correspondent, replying in yesterday's issue, views the situation with much more calmness. The only thing which annoys him is the unnecessary warmth displayed by the first writer, and with the view of extinguishing the controversial flames he hastens to pour petroleum upon them by insinuating personal motives. He then takes the miserable carper in flank by pointing out that if it comes to giving the "goanna" its exact due, instead of calling it an iguana, it is entitled to be addressed as a hydrosaurus. Not that this gentleman gives any countenance to those who stigmatise it with the name goanna. But he absolutely denies that the other person is qualified to champion the cause of any mis-named reptile, as is proved by the fact of his suggesting that a hydrosaurus would have full justice done to it by being called merely an iguana. Why, you might as well attempt to teach manners to a

Other person is qualified to champion the cause of any mis-named reptile, as is proved by the fact of his suggesting that a hydro-saurus would have full justice done to it by being called merely an iguana. Why, you might as well attempt to teach manners to a man addressing our Premier as "George Dibbs" by a sharp reminder that he was entitled to be called Mr. Dibbs.

As far as the public are concerned, however, they will not be coerced by anyone into saying either hydrosaurus or iguana. "Goanna" has served all practical purposes up to date, and when all comes to all, the real language of a country is a matter for the people, not the pedants, to decide. Anyhow, right or wrong, they will decide it, and long ago they have returned a unanimous verdict for the "goanna" as against all comers without leaving the box. Not only must spelling and pronunciation bow to public opinion, but syntax has to do the same. Even the structural lines of the language must bend when the people so determine, and, like it or lump it, the grammarians have no option but to submit. If Lindley Murray were elected on the one-man-one-vote franchise, he might be in a position to make his laws like those of the Medes and Persians, but, having no representative status, the time has come when he must stand down and pay his respects to popular rights as well as the rest. What is the use, for instance, of him insisting that the verb to be must always have the same case after it as it has before it, in face of a free country which has plainly made up its mind to say "It's me." The French grammarians are wiser in their generation, having waived this point long ago. Does anyone imagine that if they had not done so Louis would, just to please them, have said, *l'etat c'est je*. Again, it is quite clear that the public have decided to say "between you and I." If the preposition between can't govern anything but an accusative case it must resign its portfolio, that is all. Nineteenth century democracy is not going to knock under to a preposition or any other

sentative status, the time has come when he must stand down and pay his respects to popular rights as well as the rest. What is the use, for instance, of him insisting that the verb to be must always have the same case after it as it has before it, in face of a free country which has plainly made up its mind to say "It's me." The French grammarians are wiser in their generation, having waived this point long ago. Does anyone imagine that if they had not done so Louis would, just to please them, have said, *l'etat c'est je*. Again, it is quite clear that the public have decided to say "between you and I." If the preposition between can't govern anything but an accusative case it must resign its portfolio, that is all. Nineteenth century democracy is not going to knock under to a preposition or any other part of speech, and wherever it wants a nominative it will have one. The grammarians have been beaten in matters of this kind before to-day, and had to provide "exceptions" to their rules. Look at that atrocious phrase "for the most part," in which an adverb qualifies a noun, at which they now unanimously wink. The Scotch appear to have gained a similar victory with "unco," which has also the right to do double duty. Burns satirises "the unco guid and rigid righteous," and immediately after boasts that he will "gie auld Cloven Clootie's haunts an unco slip yet." Grammar, like everything else, must either go with the times or get left. To call for the schoolmaster when colonials say goanna is therefore of about as much use as it would have been calling for the Government Geologist to come and remonstrate with that earthquake up at Port Darwin which, according to yesterday's papers, rocked the people about till it made them land sick. A man capable of calling an inoffensive lizard an iguana, let alone a hydrosaurus, would put on his dress suit to dine at the public table of a sixpenny restaurant.

Feb

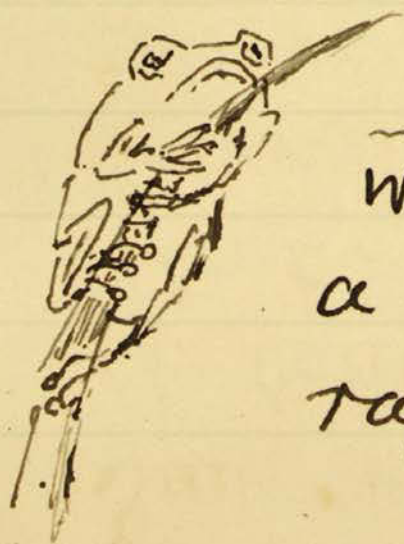
In the afternoon Rose, North, & self went to his house at Ashfield. After lunch leaving Rose with Mr. North we went out into the bush. At the foot of nearly every tree we found Lygosoma guichenoti. They appeared to sit on the trunk 2 or 3 inches above the ground on the sunny side - As soon as they saw us they darted either under loose pieces of bark or among the dead material at the foot of the tree & were very difficult to catch.

Found a large moth
just emerged. On Tree
trunks and on the
under side of rails of
fences were numbers
of the cocoons * of -
we struck a small
creek running in Cook's
river and here we had
some sport. There were
very many examples of
Egermia whiteii of all
sizes. We would see
them sitting upon the ^{bank}
or a log in the water
and if we approached
very cautiously could

Feb.

almost put our hands
upon them when they
ran quickly off or
rapidly swam on the
top of the water, One
or two I caught, (when
they were down the
bank,) from above, but
we generally got them
out of holes to which
they generally made
when alarmed, the holes
were not excavated by
the lizards but were
some crack or other
which they appropriated.
I also caught a young
Amphibolurus muricatus.
with its characteristic

large head. We also
saw many large and
small Hyla
The old ones mottled
with green and gold
and the young ones quite
green, at least I take
them to be the young
these latter were nearly
always seen clasping
the reeds while the
older ones we found
squatting on branches
in the water. Another
frog we found



was very lively
a powerful and
rapid jumper.

Saw many dragon-flies
 of both the slender &
 stout bodied types, the
 former were a fine
 colors while watching
 a small white moth
 one of them pounced
 along & caught it, &
 flew away with it.
 We followed the creek
 down to Cook's river
 where we saw many
Egeria whiteii & had
 good opportunities of
 seeing them swim or
 rather I would say
 run on the water. I
 have not yet seen
 them ~~except~~ except where

water was present viz:
Berowna, Maroubra and
here - Caught several
Aythya for Skuse -

18. Sun. In the afternoon
we walked to the bush
heading Double Bay. I
heard lizards and saw
a few small ones they
appeared to be Lysosoma
guichenoti, just for an
instant I saw a large
one probably Amphibolurus
muricatus as I after-
wards caught a young
one. After tea Paterson
came round & left me
some copies of the 'Scientific

Feb.

American to read
later Mr Paterson & Mr
Armstrong called -

19 Mon. Rowling came in
the evening when we
had our practice - A
wood borer - Anobium
has attacked some of
the flooring boards in
the new gallery - It
reduces the wood to a
fine powder. The boards
have been treated with
Kerosene.

20 Tues. Pasted into my
label book, some of
the Leeds Museum labels
which I had not
hitherto stuck in -

21. Wed. Received letters
from Father + Chadwick
22. Thur. Mrs Etheridge went
to Fallowfield in the
afternoon while "Robert"
Bertie went up with
me from the Museum
+ Spent the Evening -
23. All day I was in the
Museum-library working
out literature of the
Australian Snakes. Saw
Paterow at noon. My
evening was occupied
in putting down the
last batch of sods
which the landlord
sent us. We have
evidently entered upon

Feb.

The rainy season. The
grass which became
dried & withered is
now as if by magic
long and green.

24 Sat. Letter from Shaw
asking us not to go
to Newtown next, or the
following Tuesday in
consequence of the ~~Be~~
Balance period - I am
now compiling all the
entries of Australian
Shakes I can find -

25 Sun. Took Rose to
Coogee, along the coast
were multitudes of
small Physalids with
tentacles a yard long

washed up with a
host of *Saethuina*s, the
animal looked like a
piece of inflated skin
marked with constrictions
Caught 2 *Suzards* a
young. *Amphibolurus* *mur*
icatus and a *Gehyra*
australis the latter
under a stone but the
former running about
the scrub, went into
the Aquarium the show
of fish is very meagre
the most interesting were
Anoplosus - *armata* -
in the grounds. an *Emu*
walked stately about
while in small cages

Feb.
were Snakes & Lizards
Monkeys, Eagle, - Small
birds - &c. In a large
tank were 3 eared
Seals which were let
out to be fed - on
Garpish - This food cost
£3. weekly - In an
unroofed ^{enclosure}, were 3 dark-
colored Albatrosses, we
returned to Fallowfield
for tea. In the evening
Mr & Mrs Walker came -

20 Mon. Commenced to
adapt the Piano-case
for an Erytholarium or
whatever it should be
called - Received letter
from Crossland telling us

That a box of fruit
awaited us at Redfern

27. Tues - Bowling came -
My late week at the
Museum, called for
Box of fruit.

28. Wed. Letter from Shaw
inviting us on behalf
of Miss Spears to
Summer Hill on Friday
Evening Bought pairs
of grass shears, ^{4/6}. Paid
gas bill 14/9. In the
evening I finished the
adaptation of the Piano
Case - wrote to Crossland
re Box of fruit & to
Shaw accepting the
invitation.

March. 1894.

1. Thurs. The artist on
the Town and Country
Journal who frequently
makes drawings of
Museum objects had
I found to day drawn
the Eagles for repro-
duction so I suppose
I shall be barred
from exhibiting it in
Sydney. Whitelegge told
me a strange episode
respecting Ogilby - Skuse
had met him in the
street & found him in
trouble - when his
wife ^{died} he was too much
cut-up to do any -

thing in the matter
of the funeral so
a tradesman, his
baker I believe,
promised to see the
matter through. Now
Harry Barnes had
married for a second
wife a widow who
it seems is "boss"
she, living near to
Ogilby went to help
him & when she
learnt that the Baker
was sub-undertaker
she volunteered to secure
a grave & received
£2 to pay for it.

March

The funeral took place and only a day or two ago Ogilby visited the Cemetery & asked the cost of a headstone, he was told that he had no right to put one up "Why?" Because the grave did not belong to him - It appears that the woman - Mrs Barnes - had merely had the grave of her deceased husband opened at a nominal charge and pocketed the balance - It was further understood

That Ogilby had seen
a Solicitor and also
Dr. Creed with refer-
-ence to an applica-
-tion to the Colonial
Secretary for an ex-
-emption - This is
as much as I know
up to date. Saw the
Zoological Record for
1892. Papers of mine
mentioned are :-

1. General Subjects

Albino white varieties

Zool: XVI. 25

2. Aves.

Sterna * Shoulder Girdles

Tr. Leas Nat Club. II. 67

March

2. Fri. Left by 7.35
train with Rowling for
Summer Hill Mr & Mrs
Shaw joining us at
Newtown, there was a
goodly company at Mrs
Spears's, (Mrs Fred Shaw's
people.) Noticed a large
hawk moth caterpillar -

feeding on a plant at
our back.

The 4 O'clock plant wh
grows so profusely there
is I found the Marvel
of Peru. Mirabilis
jalapa and as it does
not blow until about
this hour and remains [73]

open during the night
the French call it
"belle de nuit". It is
a most prolific seed
producer & grows well.

3. Sat "On" all day at
the Museum. In the
afternoon I made two
separate attempts to
paint at the Eagle
group but could not
bring any enthusiasm
into my work so dropped
the attempt - Received
letter from Ruebuck
written from Harvie Brown's
Rose had a letter from
Fanny. Wilfrid had

March

went to Leeds for the
music the day her
letter was posted

4 Sun. I notice that as

soon as any animal
is dead or severely
injured bet it on the
ground or high in
a tree it is at once

surrounded by a swarm
of ants, The little lizard
Amphibolurus muricatus

I got at Coogee is a
most voracious & able
fly catcher. Finished a
letter ~~from~~^{to} Father. Diamond
Snake drawn upon
the envelope. Rushcutters
Bay in the evening. [75]

5. Mon. During the week
I had met at noon
the planter I heard
at Coogee & asked him
to the Museum for to
day he accordingly came
& arranged to visit me
at Fallowfield next Mon.
for which day I also
asked Whitelegge, Wells
is the planter's name
he is a professional &
played well when I
heard him and I
may take some lessons
from him. Rowling came
in the evening when I
told him of next Monday.

5. Tues. Rain, and heavy,
Rain every day or
rather night to day it
was particularly heavy
& beat down the 4 o'clock
Geraniums & other aspiring
plants in the garden. To
day Whitelegge brought a
Solenognathus spurius
which he got alive at
Maroubra I made a
rough sketch for the
color -

7 Wed - Saw Burton the
lithographer from Leeds
(who does the Serineau
work & has just been
appointed artist to the
Agricultural department)

with reference to
reproducing wash-work
Whatman's h.p. paper
is the best to work
on. Use Lamp black
as Indian ink tends
to brownness in the
lights, $2/3$ is considered
the best all round
amount of reduction
any grade of wash can
be reproduced but it
best to keep the tints
"down" a bit & mark
the contrasts strongly.
It is cheaper to send
in 4 plates at once
as they can be pulled

off the same stone
for the hand-book
size the cost of 1000
copies (ie 4000 plates)
would be about £5.

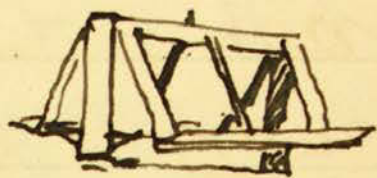
8. Thur, Two youths
brought a letter from
Walker, one of them
was the son of Norris
Hepworth who has just
come out for a trip
visiting (per the Cape)
New Zealand, Tasmania
& Australia returning
by America. Letter from
Mr Forde asking us
to Ferndale for Sunday
to meet her niece. Dr
Stirling from Adelaide

of Notaryctes fame
called to see us. I
mentioned my letter
to Zietz respecting the
Gyphlops and he (the
main mover at the
S. A. Museum) told me
that Zietz had been
instructed to answer
my letter & tell me
that it had been de-
-cided to see all their
specimens to me, but
he continued "Our little
man is very busy"
he made a note and
will jog his little man
up a bit.

Another Adelaide man
Mr Robin also called
he appears to be in-
terested in botany.

9 Fri. Letters from Father
+ Wilfrid, the latter sent
me Flute Music which
Hall had got, There were
10 pieces (for my £.)
not a single one being
what I had asked for -
made a Metal music
stand with the idea of
adapting it to the por-
table one for two
performers but I was
not satisfied with it.
Roebuck sent February
"Naturalist."

10 Sat. Went to Museum
in the afternoon & made
a wooden - double
music stand,
and finished it
at night, a fearfully
wet day



11. Sun. Rain again - every
day. So heavy and
unceasing that we had
to give up all thoughts
of visiting Mr Forde.
Both Magpies eject
"pellets" like those of
the Owls, composed
almost entirely of grass
Every morning we find
one ejected by "Mag"
and when Jakko sneezes

the night indoors he
also cast one up. I
never see them except
in the morning

12. Mon. While at break-
fast we heard a very
heavy crash, I rushed
out to find all the
wood work & the Passiers
ruin which it supported
had been weighted to
the ground by the
heavy rain. A. Post
card from Father to
say he had commenced
to paint a "haunted
house and sent me
a small upright bit
in water - color -

Received more music
from Wilfrid containing
what I had asked
for, the first lot sent
by Hall is as follows

1. Chant d'amour - Liederitz.
 2. Andante and Tarantelle -
- Vinning
 3. Mezzo Pensiero - Gallico -
 4. Barcarolle in G. - Bowling -
 5. Andante - Mozart.
 6. Romance - German
 7. Serenade - Wells.
 8. Romance and Seguidilla -
Dora Bright.
 9. Reverie . - Field
 10. Romance . B^b. German
-

The lot received to day

Comprised :-

Album célèbre, Vol I.

containing 10 pièces.

Bohemian girl, with

9 selections

Cavatina N° 1. Clinton

Romance (second) Bache.

also a piano piece

Cornith, March in G.-Hall.

with "Billy's" couplets.

Father sent me newspaper
containing a letter from

Uganda, by Rev. Frank

Rowling brother of Charlie

to whom I showed it

when he came, Whiteleggs

Watts also here when

we had a jolly evening

at music. Watts' terms

are £3-3-0 for 13 persons.

13. Tues. Not being well either yesterday or to day I wrote to Shaw asking him to excuse us this evening & sent one of Becketts' balance sheets received from Father. I made clean copy of my second articles on Typhlops for the Linnean Socy. which will now (compare with Jan 17th) read: -

4 T batillus sp nov.

5 T diversus sp nov

6 T unguostris and
T affinis -

7. T wiedii.

8 - T polygrammus.

No 6 points out some discrepancies in Bouleenger's descriptions of these two species. No 7 introduces the figure of the only Aust: T not hitherto delineated while No. 8. records the dimensions of the giant of this species mentioned on 23rd Jan = In a foot note I request support for drawing a table of distribution, After tea Rose & I walked to Mrs Forde's & met her niece Miss Morgan of Wagga Wagga, who has come down to

assist her Aunt in
place of a servant &
who seems to be a very
nice girl - we are to
go on Sunday afternoon.

14 Wed. I am becoming
tuck so far as Flute
music is concerned. At
Augus Robertson's is a
lot of second - hand
music of all descriptions
including much for
Flute, there was a lot
of "Solo" but I got the
following with piano =
accomp: for 10²..

O. dolce Concerto Nicholson
My lodging is on the cold
ground. Berbiguier

Bagatelle. (3). Clinton

Va pensiero "

M. tu V. O miseria "

15 Thur. Bought Clinton's
instructions for the Boehm
Flute for 3/- pub: 15/-
Bought brass tubing for
Music stand 1/5. and a
Collar & thumb screw 1/3. -
Mr North went to fallow-
field at noon & North
went with me at 4:30.
They spent the evening
with us - North & I
had a stroll round the
Bay. Grant gave me
a young Bandicoot. alive
one of three he had,
probably too young to

Year. A beautiful silky little animal with even at this age a very well developed snout.

- 16 Fri In the evening I made the base of the music stand and at 8.0 we went to Miss Scott's, only our second visit. Might go after but have to "tog-up".
17. Sat. Ramsay asked me if I would form one of a dredging party on Wed - rather! In the afternoon I finished the music stand, it having cost me only $3/5$ in material - Letter from S. V. Darwood, Melbourne [90]

18 Sun. At 3. we went
to Mrs Forde's, arranged
for Miss Morgan to
visit us on Tuesday
we got home. (at .5.)
just as the rain came
which continued heavily
during the night, in
the evening I finished
letters to Father and
Wilfrid which I had
commenced before dinner.

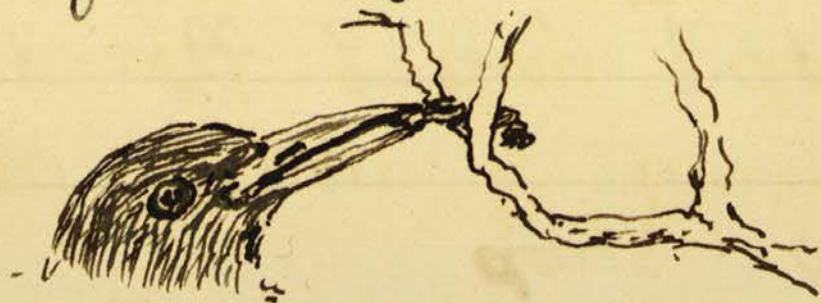
19. Mon. Horribly rainy all
day. Mr. Keartland, (who
sent the Aust. Birds
to the Leeds Nat Club)
called to see me
under the escort of North.
Some large larvae I

got a few days ago
Papilio aegius
have pupated, Before
casting the skin they
are suspended like this:



The second figure shows
the insect as a pupa -
The head being thrown back: -
The Butterfly came out
on Nov. 8th

20. Tues. Owing to the extremely wet weather neither Miss Morgan nor Rowling turned up. The average rainfall has been, and is 4 inches per 36 hours. Grew a potato - race certificate for Barwood. Mag seldom or never goes up into the Loquat Bush Jakko is always there & if I give him a large piece of meat he places it in a fork & tugs at it holding it with one foot if necessary -



21. Wed. Went to Museum
as usual & then down
to the Princes stairs with
Bob, Ben & the dredging
apparatus in a cart. At
the Wharf were a number
of the Dr's friends. After
waiting a very small steam
launch came up. This we
learnt was intended for
us but too small even
to move the trawl, we
could not have another
until 2.0 O'clock so we
returned to the Museum
deciding to go at 9.30
tomorrow as the "tucker"
wouldn't keep longer.

we shall probably gain
by the postponement as
we had fearful rain
& a howling wind. I
spent all the evening
in interleaving & binding
Ogilby's Cat of Fishes
of N. S. W. (the copy he
had given me.

22 Thur. A charming day
Went to the Wharf with
Bob & Ben shortly after
Cooksey came & told
us that he had seen
a ferry boat run into
by a Steam launch, so
we rushed to the spot
the Boat had a large
hole in her side and

was settling soon two
tugs took her in tow
one alongside support-
-ing her already sinking
stern & the other with a
rope ahead. They took
her away from the
wharf where she was
blocking the way for
other boats but it
seemed as though they
would hardly get her
across the harbour, so
fast was she settled.
We learnt that she had
been run down by a
government launch - "D-m"
said Bob - I bet that
was our launch. This

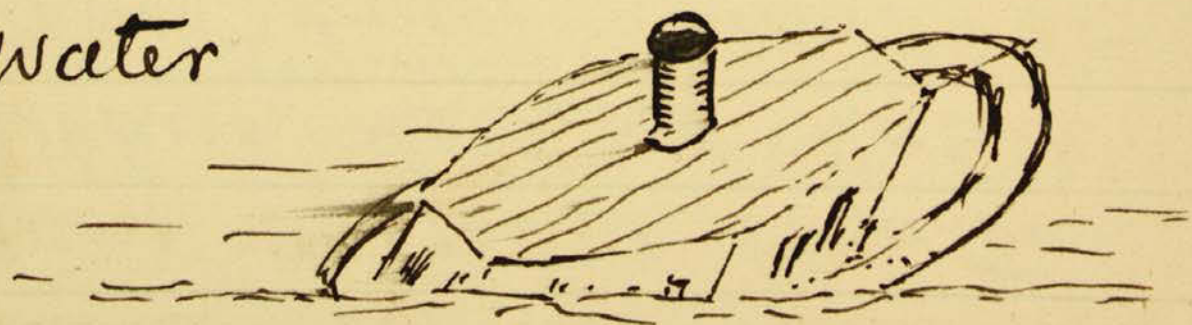
soon proved to be true
for a Marine board
man came up & said
'The picnics' off again.'
The Dr- decided ~~to~~ to
hire a boat and when
the tug "Ivy" returned
from towing the disabled
"Arethusa" we boarded her.

The men told us that
they had just reached
the other side when
her stern went down,
touching the bottom
she heeled over. They
received £20 for towing
her, half an hour's
work, while for us
£5. Secured her -

Soon after we started
in our fine big tug
another boat the
Mermaid hailed us.
They Shouted & waved
for us to stop but on
we went & put into
the Government Wharf
for our apparatus &c,
taken yesterday. We
saw the aggressive launch
with her nose smashed
in, in a great plight.
as we backed out the
Mermaid spoke-up, she
having given chase, it
seems that several
persons on board had
imagined we were

young Snapper fishing
& wanted to join us -
"On Service" we said
& she steamed off - we
first made for Rose
Bay & put down the
trawl, & slowed the
Engines. In half an
hour it was drawn
up heavy with Ascidians
"Flounders" "Addlers and
Stingerees" were all
the fish taken - Next
time new ground was
trawled but the net
was so heavy that
it seemed impossible
to raise it. & we
lost quite 2 hours

it was simply laden
with multitudes of
Ascidians each as
large as a Coconut
& masses of seaweed.
When landed the fish
were more numerous
but chiefly Rays. a
few Fish. Fortescue
Bream and others.
Parsley Bay was next
reached & we had
dinner. Afterwards we
crossed by the N. shore
& saw the Arcthea on
her side in shallow
water



Thence up the Paramatta
river & round Cocatoo
Island, secured Cat-fish
& more rays. Landed at
5.30. I went to Museum
& pickled the captures -
The fish obtained were
as follows: -

<i>Glossogobius barbatus</i>	<i>Hypnos subnigrum</i>
<i>Trygonorhina fasciata</i>	<i>Sillago ciliata</i>
<i>Trygon tuberculata</i>	<i>Platycephalus fuscus</i>
<i>Apogon fasciatus</i>	<i>Cristiceps australis</i>
<i>Apogon quentheri</i>	<i>Mugil dobula</i>
<i>Pagrus australis</i>	<i>Pseudorhombus russellii</i>
<i>Chilodactylus fuscus</i>	<i>Synaptura nigra</i>
<i>Centropogon australis</i>	<i>Indogobius megastoma</i>
<i>Sciaena aquila</i>	<i>Monacanthus tossulus</i>

Rose spent the
day at Woolwich.

23. Good Friday. Another fine day. After dinner we walked to the Botanic gardens Copied entries from Whitelegge's Cat of Fishes into my own copy.

24 Sat. Wet. Mr Paterson + Miss Hoberaft spent the evening with us. Wrote to Will: at Zoutpansberg + Grassham but do not intend to post the letters until after next Monday. English mail in - Letter from Father. and water-color drawing "The Haunted House". The one after Sam Reid. it is X

* See Ap 30

The little Perameles, Grant
had given me on the
15th, died. - (holiday.)

25 Sun. (Easter.) In the
afternoon Miss Morgan
called + after tea we
walked round the Lady
Macquaries Chait -

26. Mon - (Bank holiday.)
walked round Rushcutters
+ Double Bays Took a
few $\frac{1}{4}$ -plate negatives
of children fishing etc -
Lot of White Trevally -
Cast up on D. Bay beach -
After dinner Rose and I
went to the Botanic thence
to Circular Quay In the
evening I developed photos.

We had arranged to spend the day with North at Ashfield but received a letter to say he was ill -

27. Tues. Museum again. I bought some yellow photo. cloth for dark room and in the evening fitted up some shelves in it (ie the bath room) Fitting up a case of mounted food-fishes -

28 Wed. Posted letter to Will and sent Barwood his requirements. In the evening I went to Annual meeting of Linnean Soc = papers taken as read. I

gave in mine on the
Typhopida. David gave
the presidential address.

LINNEAN SOCIETY OF N.S.W.

The following MEETINGS, in the order mentioned below, will be held at the Linnean Hall, Elizabeth Bay, on WEDNESDAY, 28th March, commencing at 8 o'clock p.m. :-

1. A SPECIAL GENERAL MEETING for the Election of two Auditors.

2. The ANNUAL GENERAL MEETING, at which the President will deliver the ANNUAL ADDRESS, and the Office-bearers and Council for the current year will be elected.

3. An ORDINARY MONTHLY MEETING, at which Papers by Messrs. E. R. Waite, F.L.S., A. G. Hamilton, T. L. Bancroft, M.B., C. Hedley, F.L.S., and Baron von Mueller, K.C.M.G., F.R.S., will be read.

J. J. FLETCHER,
Secretary.

March 21st, 1894.

29 Thur. Wrote to Father
for enclosure of £3. 7. 6
insurance premium, -
Drew Malurus superbus on
the envelope. I learnt
from a cartman that
the swellings seen behind
a horse's shoulder are
caused by the animal

lying on its hoof:



30 Fri- Thorpe shot a Jack-
-ass which had flown
into the museum grounds.
Daudliker came + tuned
the piano which had
fallen $\frac{1}{4}$ tone - paid 8/-
In the evening we went
out + ordered a frame
13/- for the Haunted House
and glass to repair those
broken in coming out.
Bought sundry kitchen
requisites - I "taped" part
of the T-woods plates,
(given to me by Mrs
Ellis), for binding -

31 Sat. After dinner
Rose Hedley & Self took
the boat (2.30) for
Watson's Bay which
landed us in $3/4$ hour.
We were now at the
South Head & walked
along the Cliff-top,
first to "the Gap" where
the "Dunbar" ran on to
the rocks. past the
Signal station & light
house thence walked to
Boudi. On the beach
was a huge tree, ^{partly} washed
ashore but probably
covered at high tide, with
myriads of barnacles
upon it. We met Miss

Creek and a friend and
returned to Fallowfield
by train. Finished taking
Tennison-woods plates -
Fetched the " Haunted
House " which we had
left to frame and glass
for other pictures paid
12/- for frame 2/- for glass.
Received a letter from
Barwood in acknowledg^t
of mine. The weather
seems to be more settled
for fine & the glass
rising we have not
had any heavy rain
for a week & the best
time of the year is
now coming on -

April 1894.

1. Sun - Spent all the day at Maroubra. On the beach Physalias and Velellas were coming in. Whilst bathing. I got a tentacle of a Physalia across my foot which made it extremely painful for an hour or two - A young whiting was also found dead also a fish of which I made a drawing & afterwards identified as Heliastes immaculatus - Ogilby - Men fishing obtained Red-rock, Cod & Wirrah Some killed a small

Snake, but as they
had cut off head and
tail & tied the ends
after blowing up the
skin I could not be
perfectly certain that
it was H. signatus,
as I identified it. The
Banksias are coming
into flower, these are
known as Bottle-brushes



Two species of
Mesembrianthemum
climbing over the
rocks.

2. Mon. Rowling came
but Mr. Paterson also
put in an appearance
which interfered with

our practice, re-glazed
and hung pictures -

3 Tues. My late week
but did not stay
~~to do~~ as it was the
Board meeting, with
Rowling went to Newtown
in the evening & arranged
for Shaws to spend
next Tuesday - evening
with us.

4 Wed. Stitched plates
(fish) together - for
more than a week we
have had fine days
the weather has now
quite changed. Cool
morning & evening &
delightful throughout.

- 5 Thur. - Rose called
on Mr Forde and
invited Miss Morgan
for tomorrow evening.
English mail in. a
letter from Father posted
1. Mch. The Naturalist
for March fr. Roebuck.
6. Fri. Miss Morgan came
in the evening when we
had a musical encounter
Finished binding the
plates of Jenyon - wood
fishes of N. S. Wales.
7. Sat. On duty at the
Museum all day. The
second anniversary of
our wedding day -

8. Sun. Sick to day
did not even have
my usual Flute practise

9. Mon. Much to my
surprise my neighbour
Cohen asked me for
£5 until the end of
the month - & I lent
it to him. wrote part
of letter to Father, drew
Chaetodon strigatus on
the envelope.. Mr

Rowney invited us to
12 Kellett St for Wed' day.

10 Tues. A year to day
since we landed in
Sydney. As the under
Sec: for Education is
buried to day we were

asked for a contribution
-2/6 each - towards the
wreath, a government
order closing all the
educational departments
released us at 12.0
went home for lunch
& joined Hedley at 2.0
took 2.15 boat to
North Shore & Cable Tram
to Cooksey's, we surprised
him & took him along
to Balmoral Beach. I
got Euplozus armatus
stranded & secured
Labrichthys laticlavus
Chilodactylus fuscus &
Apoqou
from some boys for

April

Some Coppers - When
returning Medley went
to Cooksey's while I
walked to Mossman's Bay
& got the 5.30 boat, I
reach Fallowfield at
6.15. 27 minutes from
Circular Quay. Walking
Mr. & Mrs. Shaw & Rowling
spent the evening with
us, we arranged to
go to Newtown on the
19th (Thursday.)

11. Wed. My first work
this morning was that
of shading, the first
time for 3 years. - I
drew Euoplosus armatus.
Froggatt called and

invited left to Rose
to Croydon on the 20th
tried in vain to get
Rhapsodie Neapolitaine
in Sydney. Asked Elvey
to try their Melbourne
shop. Went to the
Rowneys in the evening
12 Thur - was told that
a second watchman
had been engaged at
the Museum so that
on our late duty we
shall only have to
remain until 5-o
Fletcher sent proofs
of plates Parrots for
North and Typhlops
for myself.

13. Fri. Etheridge asked us to dinner on Sunday next. Grant told me some little time ago that his people at Lithgow had a litter of dogs from a large prize dog & promised to try to get one for me. He told me to day that only 4 had been kept & of these the 2 dogs had the "Staggers" he could however have the bitches and would one for himself and one for me.

14 Sat. In the afternoon we went to Darling Pt.

Boys fishing Caught
any number of small
Yellowtails, and a few
Mackerell. A yellowtail
on the hook was fixed
onto by an Octopus
& when the boy jerked
the line the Octopus
was also hooked and
landed, it must have
weighed 2 lbs. In the
evening I finished my
letter to Father.

15 Sun. Wet morning. I
made a copy of one
of Father's sketches, the
Deveron Bridge with the
idea of giving it to
Frank re the dog.

At 12.30 we took the
train to Summer Hill
& spent the day with
the Etheridges, had a
stroll to Cook's river.
16. Mon. Poster letter,
"Australian woman" &
the slippers worked by
Rose, to Father. In the
evening Rowling, White-
legge & one of his little
boys came, Flute and
piano.

17 Tues. While seeing 'The
Dr' to day he casually
mentioned his books
& pointing to 4 copies
of each of the Catalogues
and Papers of the [19]

Fisheries Exhibition Said
I might have a set
if I cared to pick one
out

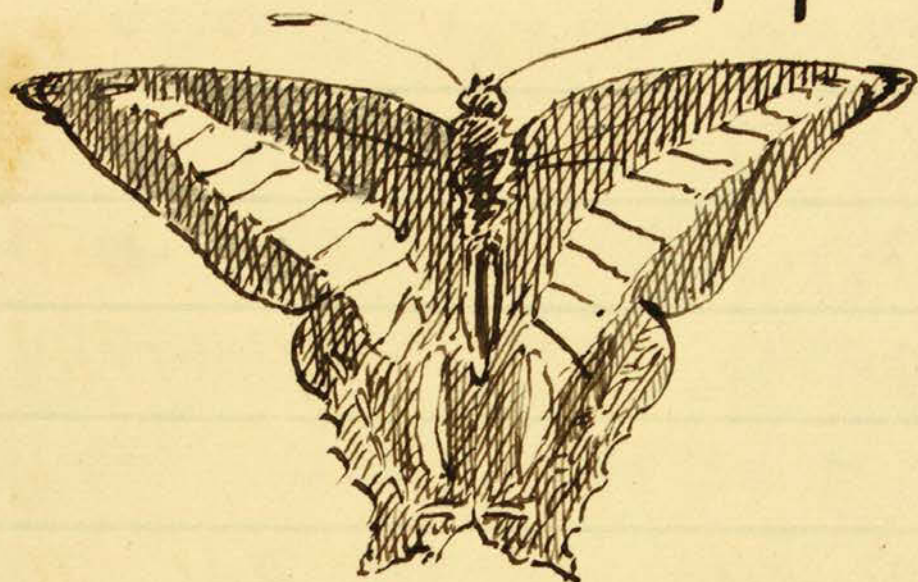
18. Wed. Examined a shield
for Etheridge it had
been cut out of a
Turtle's Carapace. part
of the Vertebrae & some
of the ribs left for
a handle, I identified
the species, described
what portion of the
Shield had been used &c.



Mr Paterson and
Miss Hobcroft
came in the
evening. Heavy
rains at night.

19 Thur. Got some of
the copies of papers
of the Fisheries Exhibition
North who also said
the Dr had given a
set, took a copy of
each paper. It rained
heavily all day and
we had to give up all
thoughts of going to
Newtown in the evening.
I mounted 5 colored
characters from Dickens
(Van Houten's admt) they
are. Bumble, Pecksniff
Mark Tapley. Pickwick
and Micawber, a
pupa I got at Double
Bay on a fence on

17th 26 developed
into Papilio
sarpedon. a very
common butterfly.



20. Fri we joined Froggatt
at the station at 4.55
and went with him to
his house at Croydon
where we spent the
evening.

21 Sat. Went with Rose
Healey & Whitelegge to
Maroubra. Notwithstanding

the recent storm very
little stuff was coming
in Saw, in rock-pools.
Small Girella trienspidata
Dules argenteus, and
Sepidobleennius.

22 Sun. Some time ago
I found an egg on the
floor of the aviary &
this morning saw 5
in the nest but suppose
they are joint-stock
property and probably
not fertilised. Caught
1.5 train to Ashfield
leaving Rose with Mr
North, North and I
went off across Cook's
River, saw numbers

of *L. tauricolatum*. They
had "earthed" them
selves under stones.
Got one *Egeria whitei*
a long way from any
water, near which I
had previously only
seen them. A *Pygopus*
glided under a rock
found a snake *Dromena*
reticulata under a
stone. When North
again raised it for
me he dropped it &
falling on the snake's
head unfortunately
killed it. At the
river boys fishing got
Eels.

and Gudgeon.

We found
several nests containing
Egg & young birds of
Meliornis Nova-hollandia
a most unusual and
out-of-season occur-
rence.

23. Mon. Saw the new
Comet () through
the glass. it is merely
a hazy mass between
Canopus & Magellan's
Cloud. Rowley did not
turn up to night.

24 Tues. Received letter
from Mrs Shaw asking
us for Thursday
Evening. Dr and Mrs

Cooksey spent the evening with us at Followfield.

25. Wrote to Mr. Wallis respecting his letter of January in which he enclosed a beetle larva I had not recognised his writing & handed the letter to Skuse. It appears that with the reply a note (written by the Dr.?) was appended asking him in future to address the Curator. Attended the meeting of the Linnean Soc and exhibited a

very young Hemisphaeriodon
gerrardii Gray. the
one drawn in my
Sketch book - No 19.

26 Thur letter from Wallis
in which he confirmed
the foot note, with
reference to addressing
his letters. I wrote
for the confirmation
of this at the instance
of Skuse who imagined
that his letter had
been "supplemented"
Wallis further said
he had just been
married, his address: -
"Ulverstone" Longueville
Lane, Cove River we

went to Newtown in the evening and met quite a dozen people, all of whom however we had seen before

27. Fri. Took the following pictures to be framed:-
Oil. "The Wharf Bolton"
by Father. "A Bit o' Bonnie Scotland in W. Color by myself for Grant and the mount of Dickens's characters
Bought house shoes 2/6.

28 Sat. Walked over to the bush at the head of Double Bay & across until I landed at Rose Bay. Saw numbers

of *Alcauthorhynchus tenuirostris*
melanotis nova hollandiae.
a Cuckoo (*Cacomantis*?)
but neither Lizard nor
Snake. The Bush flowers
are now blooming -
wrote to Father. Spur-
winged Plover, on the
envelope.

29 Sun. In the morning
I walked round "The
Bay". Medley called
in the afternoon and
leaving Rose at Mrs
Forde's we walked to
the bush visited
yesterday thence to
Waverley and home
visiting Mrs Forde

on our way; Hedley
stayed tea with us.
I afterwards wrote a
P.S. to Grasshams letter
written Mch 26 but
not posted as I only
to day found his
address. Port Simpson
Brit: Columbia Canada
(see March 24th) -
It is said & believed
in the bush that if
a Dingo is "worried"
with fleas it seeks
a water hole & goes
in slowly tail first
the fleas are supposed
to advance towards
the head as the in-

- mission continues
+ are at last got
rid off!

30 Mon. Paid 11/6 for
3 pictures framing. I
bought an alarm 4/-
in order that I might
get up for the Fish
Market. Etheridge told
me I might buy fish
for mounting purposes.

May 1894

1. Tues. Went at 5 am to the fish Market. The Superintendent gave me a very large Mullet for the Museum. In the evening Rowling came. A letter from Shaw, saying he could not come but would do so next Tuesday
- 2 Wed Pasted up some news cuttings. At 9.0 I called on Cohen he having promised to pay me the £5 this day. he excused himself & said he would pay tomorrow

3 Thur. Cooksey asked
us to North Shore next
Thurs. - Letter from
Father, Bound up
some pamphlets. Cohen
called to say he had
a cheque but received
it after bank hours &
would pay tomorrow -

4 Fri Fish Market at
5 am got a Rainbow
fish, (*Coris laevisolata*).
Paid £1-1-0. Subscription
for 1894 to Linnean Soc
N. S. W. Made sketch
of *Grevillea simplex*. to
work up in pen and
ink for Photo: reproduction
Cohen paid me £2-10-0

on 4c - half his debt.
Received first number
of the Royal Nat Hist:
a worthy Shillings Value.

5 Sat. Another birthday.

After-noon we went
round by the bay &
in the evening finished
the drawing of Girella.

The finches feed out of
my hand, first comes
the Pugnacious Redhead
then the two Chestnut
breasts which it is some
time before the Redhead
will allow to feed the
other two Redheads
generally come also
but are much shyer

The Crictas have not ventured anywhere near yet

6 Sun. In the morning I sauntered to Double Bay met Dr Ellis & walked back with him we visited Mrs Forde in the afternoon and in the evening I read the first part of the Nat Hist marking such information as was new to me or "distinguishing features."

7. Mon. Spent all the evening in drawing in Pen Tuk for reproduction
Gviella tricuspidata

but only partly done -

8. Tues. Received Nos 2-5
of the Royal Nat Hist:
Ogilby gave me some
cuttings from Town &
Country Journal of "Fish"
he had written - My
late week at Museum
only until 5pm. Now
Shaw & Rowling came in
the evening.

9. Wed. Pasted-up the
cuttings and worked
further at the drawing
of *G. tricuspidata* - To
day Ogilby asked me if
I would undertake to
draw the fishes for his
new book. No! for

many reasons. Ormuz.
leaves to day.

10 Thur. Cooksey waited
of me until 5. when
Rose came down and
we all went to North
Shore together & spent
the evening with C.
Met Mr & Mrs Jepson
the latter having just
come out by the Ormuz.

11. Fri. Finished drawing
of *Squilla tricuspidata*
wrote to Father and
drew a *Xylotripes*
on the envelope. As
Cohen has not yet
paid the £2.10 I called
on him this morning

he "hopes to pay me
tomorrow evening"

12 Sat: Received a letter
from Mrs Vause (of
England) with an
enclosure for her son
to whom I wrote the
following letter.

" 43. B. d.

" My dear Cousin . 12. May 94

7 Not having heard either
7 from you, or of you
7 since I last wrote to
7 Mrs Vause I conclude, &
7 hope, that ere now you
7 have quite recovered
7 from the effects of your
7 late accident.

7 My object is again

writing is to tell you
that I have received a
letter from your mother,
with an enclosure which
she asks me to deliver
personally. She complains
that you do not answer
her letters and I also
must express surprise
that my letters of
May³⁰, '93 and Jan 29.
last to Mr (Arthur)
Vause, still remain
unanswered.

I would post your
mother's letter to you
but considering her
special request I write
to ask if you will

kindly mention some
evening next week,
other than Tuesday or
Saturday, on which
I may call upon you,
or, if you prefer, I
will take the letter
to the Museum where
you may see me.

Believe me,

Yours very sincerely,

Edgar A. White

Should you not answer
this letter I shall be
constrained to take
my chance of finding
you at Temple on the
first convenient op-
portunity. EAW.

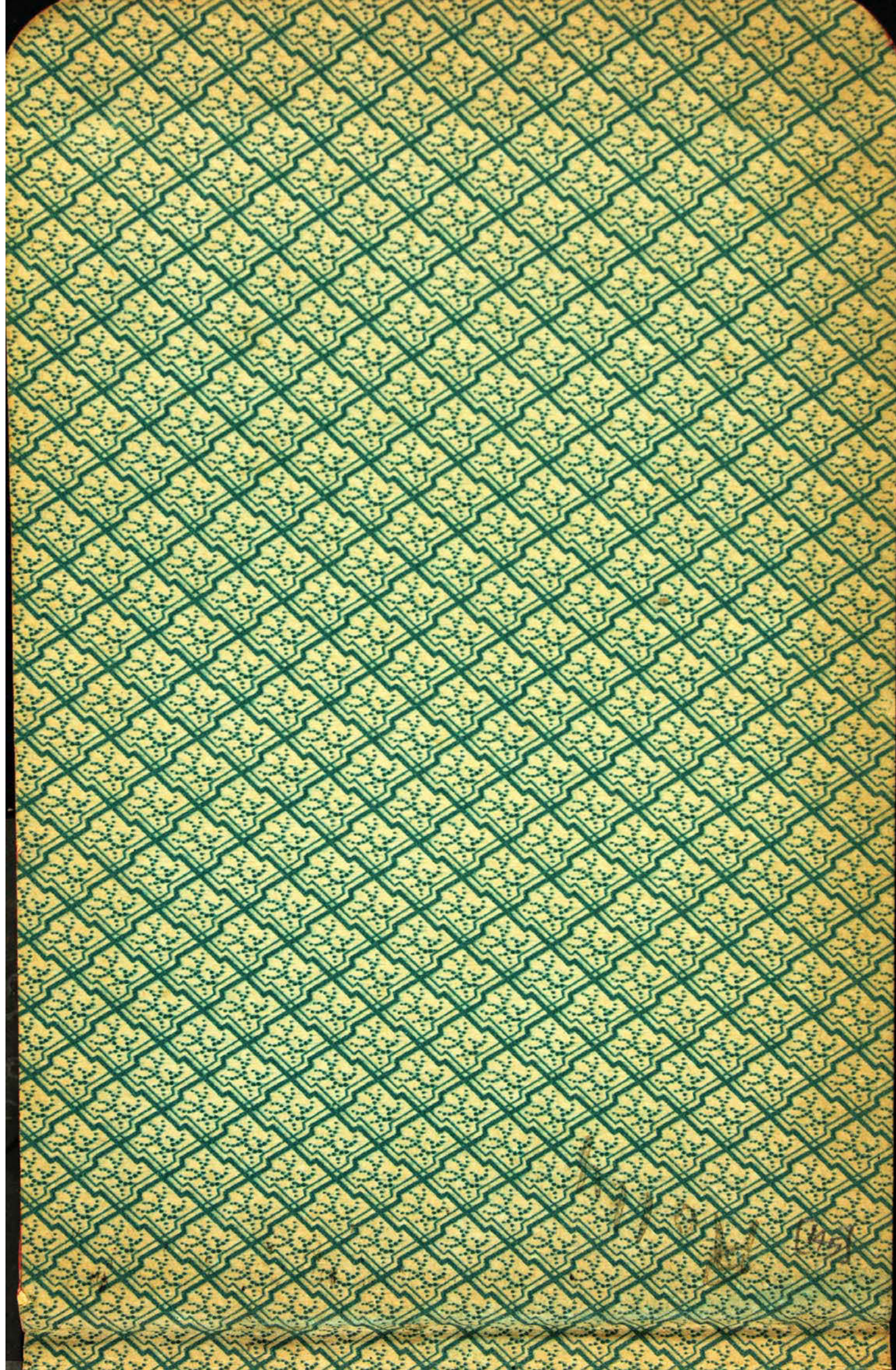
Dr. Arthur H. Vause —
+ e re.

Letters from Father
& Wilfrid telling me
the sad news of Aunt
Banks' death. Which
quite unnerved me
wrote addendum to
Father's letter. I also
wrote to Uncle Banks
& sent p. c to Wilfrid.
Being my Saturday on
duty at the Museum
I selected copies of
the Fisheries exhibition
Handbooks and Papers
given to me by Dr
Ramsay and being
additional to the first
selection obtained on

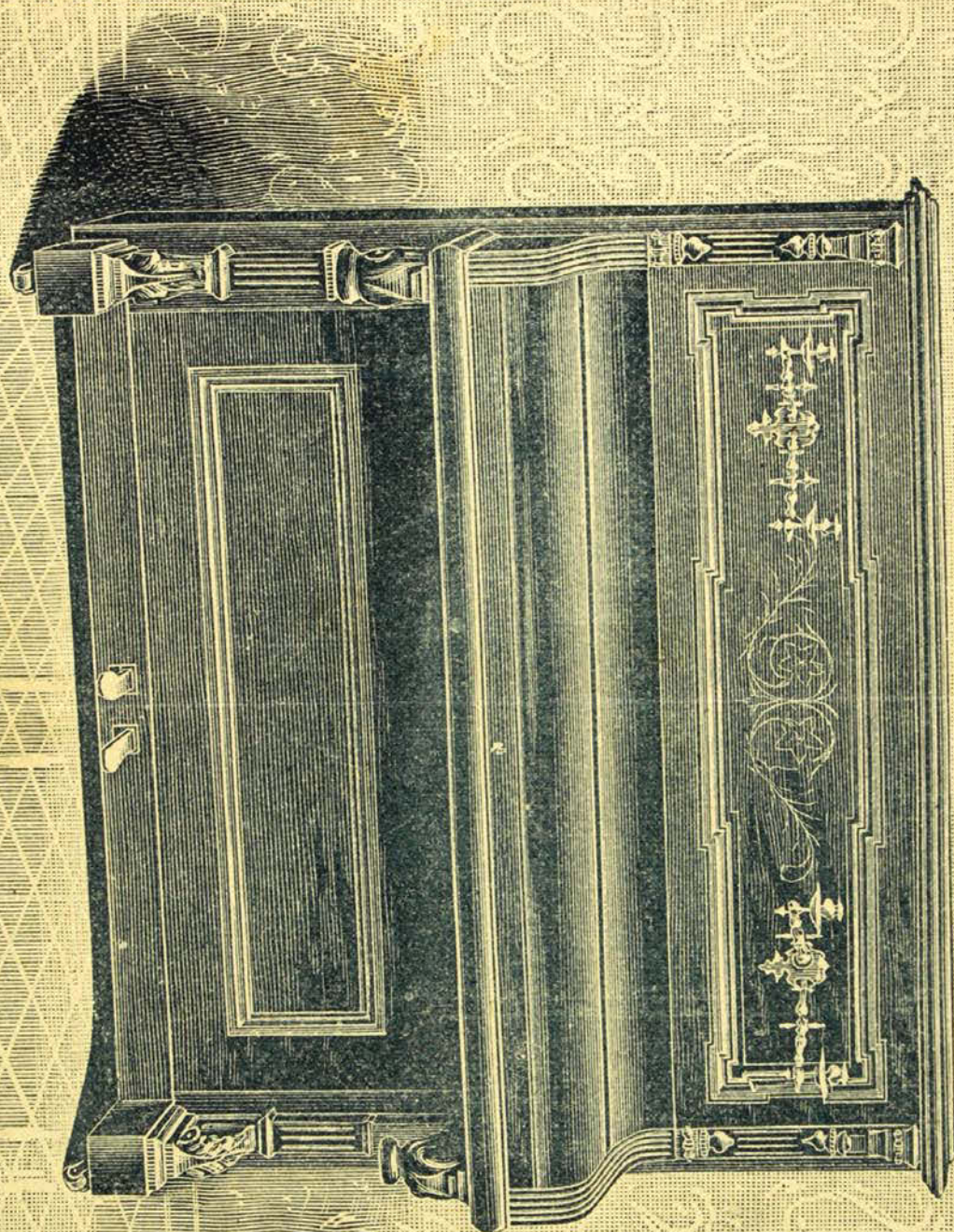
I now have them all
(complete) with the
exception of the last
on each list that is
Handbooks and Papers
the missing parts being
"The outcome of the
Exhibition", and
"Teachings of the
Exhibition" respectively.

AMS 587/33

[144]



Mo. 7.



III

