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Text in square brackets may indicate the following:

- Misspellings, with the correct spelling in square brackets preceded by an asterisk rendersveu*[rendezvous]
- Tags for types of content [newspaper cutting]
- Spelled out abbreviations or short form words F[ield]. Nat[uralists]

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Book 38 1894. November 21st to 1895. April 12th. Edgar R.Waite Australian Museum Sydney. [1]

1894 NOV[EMBER]Wed[nesday]. 21. Sent in for acceptance by the Linnean Soc[iety] Council the following papers. 1. New fish<es> by Ogilby (Eel.). 2. New Typhlops by Boulenger 3. Aspidites ramsayi by myself. Having got a live Bandicoot at the Museum I took it home &[and] put it in with our own. It was not fully grown and very wild jump - ing at the wires [2]

in a frantic manner in the spasmodic way these animals move. In a while it poked its nose into the box where the other Bandicoot was, apparently asleep. On being awakened it rushed out and pursued the stranger with nothing short of fury, its victim sought release in flight but our animal which was much larger &[and] better fed gave it no peace, it placed its fore paws on the [3]

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

tried to avoid [4]

me as much as its persecutor and with more success Although more or less tame our own animal did not mind me in the least but pursued its unfortunate victim about my hands. At last it took refuge in the box which seemed the more to infuriate its pursuer, it, our own Bandicoot resented interference on my part as it perhaps thought I was [5]

guilty for the introduction. It even turned on me but I believe without intention of hurting as it attempted to push away my hand with its snout which I naturally instantly removed. At length the poor unfortunate was driven out of the box by its rightful owner when I secured it, with a pair of tongs it not being safe to attempt to catch it with the hands. A [6]

stroke from a hind claw being no small matter. The interloper was thus reserved for a Museum specimen, When dead I found it had received terrible injuries the gash on the head was about two inches long & quite down to the bone. There were also gashes on its sides and rump the latter smaller - evidently made by the fore feet, in pursuit [7]

I did not notice* that either animal used or attempted to use its teeth. The older animal has not entirely escaped injury but its wounds were inconsiderable. To day I received a large package of Linnean Society's Transaction, through the agent general carriage free. In the evening we called on Paterson at Craigend when we discussed the question of the Amalgam. I saw [8]

flying, what I took to be a boobook but as it got nearer I noticed the angular wing of a Pteropus²². Thur[^sday]. On leaving the Museum Rose joined me & went to Newtown to tea. Later Rowling turned up. We arranged to go on Tuesday. Dandliker tuned our piano to day 7[shillings]/6[pence].^{<13>} Fletcher sent to ask if I could let him have a plate as he had a vacancy on a stone. I gave his messenger the two of Dendrolagus [9]

23 Fri[^day]. Called to see Fletcher re[^garding] my plates Invitation from Mrs. Down for tomorrow. Got money order £[^pound]5 to send to Wilfrid.²⁴ Took 3 O'clock boat to Woolwich Mr & Mrs. Rhodes also at the Downs, went out and were among the Cicadas They flew almost in clouds from the tree trunks on which they had been resting. They flew quickly for a short distance, but were not too ready to leave the trees and we were able to catch [10]

several of them. Their empty pupa cases were all over the place. We saw one or two just out of the ground still containing the insects the ground was studded with their holes which at first I thought were the work of ants. they appeared as though made with a stout walking stick. The insects were of several species & in color were green, yellow, black or brown variegated in several ways. 'till to day I had not seen the apparatus [11]

for producing sound of all I saw this is most developed in the brown species which at Woolwich was the most abundant <species> Here is a rough sketch of the under side of a brown male [sketch] natural size. On each side is a hollow box of which the upper side is open like the "f" in a fiddle. If this opening be closed the sound is muffled. [12]

Found nest of Silver-Eye which I took for the Museum 'in situ', it contained 2 eggs. After music we returned in company with the other guests by the 9.0 boat.25 Sun[day]. Wrote to Father. Paterson came in the afternoon, we 3 walked to Darling Point returned to tea Paterson leaving at bedtime, he asked me to accompany him to his selection on Dec[ember] 12 for a bit of shooting.26. Mon[day]. In consequence of the England v[erses] Australian Cricket match now being [13]

played here, we had the afternoon holiday sent "Guide to Sydney" to Father. The heat is terrible, on going out it is like enter- a boiler-house with the furnace doors just opened. a heat that almost takes away one's breath & makes one thankful to get into the comparatively cool of indoors. When I got home, I found the Bandicoot nearly dead it was unable to move & was a long time before it could stand [14]

although I poured water on to it from the hose. Not living in its natural state it had been unable to burrow below ground to escape the heat. The box not offering it sufficient protection. I partly redrew Aspidites plate the previous essay not being to my satisfaction.27 Tues[day]. After Museum hours we took tram to Newtown. Shaw being out we walked to Stanmore & calling on an estate agent looked at some cot- [15]

-tages ranging from £[pound]475 to £[pound]600. One at the latter figure we much liked. Returned to Newtown, Shaw joined & once more we went Stanmore way looking at some cottages Shaw had noted for us. Returned by train. Paterson sent me a novel "My official wife".28 Wed[nesday]. Linnean Soc[iety]: In addition to my own paper I communicated "Boulenger's Typhlops waitii. Ogilby's Gymnothorax prionodon & exhibited Ctenolales ambiguus attacked by [16]

Nov[ember]. the Salmon disease *Saprolegnia ferax* and a *Mugil dobula* from the head of which a seaweed was growing. [newspaper clipping] LINNEAN SOCIETY OF N[ew].S[outh].W[ales]. The Ordinary MONTHLY MEETING will be held THIS (WEDNESDAY) EVENING at 8 o'clock at University-chambers, 169 Phillip-street. The following papers will be read:-(1) "Re-description of *Aspidites Ramsayi*, Macl.," by E.R. Waite, F[ellow].L[innean].S[ociety of London].; (2) "Description of Extinct Marsupials." by C.W. De Vis, M[aster of].A[rts].; (3) "Notes on Land Planarians." by A.Dendy, D[octorate of].Sc[ience].; (4) "On a British Bivalve found in Australia, and on a new sub-genus of Trochidae." by J. Brazier, F[ellow].L[innean].S[ociety of London].; (5) "Description of a New Australian Eel," by J.D. Ogilby;" (6) "On a new Typhlops." by G.A. Boulenger. F[ellow].R[oyal].S[ociety of London].; and (7) "Botanical Notes, Part III.," by J.H. Maiden, F[ellow].L[innean].S[ociety of London]., and R.T. Baker, F[ellow].L[innean].S[ociety of London]. J.J. Fletcher, Secretary. 29 Thur[sday]. Letter from Father I replied in part but held it over until my usual time. Cox asked me if I would go to Lake Macquarie with him next Thursday [17]

to Saturday to examine the fish there. I should therefore have to decline Paterson's invitation to the 'selection' 30 Fri[day]. Pay day. I paid gas bill £[pound]1.10.5. letter from Walker asking us to Manly on Saturday, they are spending their holidays there. bought 2. 20x14 canvasses 2[shillings]/3[pence] each. [18]

December. 1. Sat[urday]. Took the 3.0 boat to Manly where the Walkers' met us. Wandered round the rocks. Very suddenly a storm came up where the sun had been shining hotly &[and] the water calm the sky was overcast, heavy rain &[and] lightning from our shelter un[der] the rocks we could see the sea rapidly getting - up, white horses galloped in the wind catching the crests &[and] blowing the manes a long way. [19]

During a lull we went to the boarding house had tea left by 8.30 boat in a rough sea going across the heads we did catch it. 2 Sun, Wet day did not go out spent all my time painting a Cuscus €»[reference mark]. I had taken home for the purpose a year ago - I cannot understand the following action of the Magpie[s] :- If I give Magpie some meat when hungry she will perhaps swallow 2 or 3 pieces and then pause, In a €»[reference mark] Phalanger maculatus [20]

few minutes she will cast up a pellet of grass and oddments but no meat, she will then satisfy her appetite, when casting a pellet the mouth is opened very widely. According to[sketch] the newspapers 16 boats were overturned yesterday in the harbor during the squall. 3 Mon[day]. I found Miss Crossland awaiting me at the Museum this morning. She

had brought me a Jackass. They caught it a [21]

month ago, it was fighting with a Magpie (?Magpie-lark Grallina ?) in the grass &[and] did not see anyone approaching. It is very timid &[and] dull being an old bird. On placing it with the Magpies &[and] Poll, it took no notice of the birds but kept its eyes fixed upon me and whenever I appear within range of its vision it never takes its eyes from me. I have said it is "dull" it will allow me to [22]

take hold of it<s> usually preferring* [preferring] to snap at me instead of moving away. I have managed to put a piece of meat into its mouth when it snapped and it has kept it there as long as I remained in sight staring at me the while. The behaviour of the other birds I noted as follows:- Jakko seemed terrified the moment I placed the Jackass in the aviary He snapped his beak vigorously &[and] uttered [23]

his piercing alarm notes time after time whenever the Jackass even turned his head Jakko nearly went into fits hitherto he has been the largest occupant a regular cock of the walk and bully &[and] like other bullies he turns out to be something of a coward. Mag's characteristic appears to be inquis- itiveness. The Jackass had been in but a few moments when Mag advanced to it pecked it here and [24]

there then ventured to peck its beak &[and] as a climax to its behavior seized the Jackass by the tail &[and] vainly strove with all its might to drag "Jack" backwards. During all this mal-treatment Jack never even so much as moved a foot. The rocking set up by Mag being its only motion &[and] during the whole time its eyes were never taken off me. Poll like Jakko also shrieked out but this I [25]

believe rather in consequence of the wild behavior of the latter he having proved a tyrant to Poll. The Thrush in the adjoining cage (which by the way I may mention is as tame that it comes to the wires to be fed), does not run away when I open the door &[and] even allows me to pick it up.) being attracted by the unwanted confusion went close to the wires the better the view the commotion. [26]

Rowling came in the evening when we tried over the new flute music he also volunteered to keep-house for us while we are in Brisbane.4 Tues[day]. Rose invited the Down's for this day week. Board meeting- In evening I called on Paterson when we talked over the Amalgam prospects - Took home the "Eagle" picture to work further upon5 Wed[nesday].

Learnt that the Lake Macquarie [27]

Expedition had been postponed to tomorrow week. 6 Thur[esday]. Toward dusk Jakko kicked up a fearful din. I rushed out thinking that Jack had laid hold on him. No! Jack had simply taken his place on the general shelter and although large enough <Jak> to contain all Jakko evidently considered himself ousted &[and] was "howling" as a child would on being refused some coveted toy. [28]

7. Fri[day] Brazier wrote asking me to "lend" him £[pound]2. I replied my regrets, Received by English mail the "No[vember] Naturalist", a letter from Wilfrid wherein he tells me that he has gone to live with Father who will endeavour to obtain for him a situation in a bank. Bought some ¼ imperial plates for Lake Macquarie, Wrote to Boulenger enclosing an abstract of the last meeting the Linnean Soc[iety] [29]

8. Sat[urday] I had arranged to meet 'Ben' at Leichardt, he was going to pilot me round the district of Stanmore, it turned out wet with heavy thunder storms I started, &[and] got as far as Park St[reet] when the rain came down in torrents so I turned into the Museum &[and] did an afternoon's work. Hedley came to tea &[and] in the evening Paterson called &[and] took us all to see 'Jones', the [30]

first night, at the Ly-ceum. 9 Sun[day]. We took train to Leichardt after tea &[and] wandered about Stanmore but without seeing any houses that specially took our fancy. 10 Mon[day]. Posted letter to father, Aboriginal on the envelope. I arranged to take a gun with me to Lake Macquarie Received part 2 of the Proc[eedings of the] Lin[nean] Soc[iety of] N[ew].S[outh].W[ales]. It contains my paper [31]

on Maroubra fishes p[age] 215 plate. XVII [seventeen]. Rowling came to Music at night. 11. Tues[day] Received my instructions re[garding] the Lake Macquarie Ex- pedition. Proceed to Toronto by train <thence> and tram on Thursday at 4.53 pm. 15[shillings]/- per day allowed for ex- penses. &[and] a railway pass. Received reprints of Maroubra fishes? Mrs Down called to see Rose. Called on Paterson at night. Shot a Flying-Fox with the walking-stick gun. [32]

Bought tennis - shirt 5[shillings]/6[pence] rubber soled shoes 4[shillings]/11[pence]-12 Wed[nesday]. Bought sundries including a felt hat 4[shillings]/6[pence], &[and] collected the necessary things for our expedition. 13 Thur[esday]. The Secretary gave me (to be accounted for) a cheque for £[pound]5 which I got cashed &[and] went home at noon. The trawl dredge

and all appliances had been sent to the rail- in the morning and Bob and I left at 4.53 together with 2 men from the [33]

fisheries Dep[artmen]t Mr Smithers? travelled as far as Strathfield. I was told that Thompson wanted me to go on to Newcastle. I had previously been as far as Ourimbah where the scrub became much denser. The slowly moving train allowed us to see very much. Successively we came across areas of giant gaunt grey gum trees, wide reach- -ing blue valleys, and open cleared selections bush fires raging along the line, areas [34]

previously fire devas- -ted reminded me of England in Autumn in places where the leaves had only been scorched they were of lovely russet tints the stems generally were black but in part the grey bark had escapes. there looking like patches of silver on older burnt tracts young green trees shot up contrasting strangely with their blackened surroundings, here &[and] there a cabbage palm reared its [35]

crowned head like the brush of a chimney sweep, In parts we passed through a cutting of the far stretching Sandstone of the Hawkesbury series from the crevices of which numerous &[and] varied plants stretched to meet the air and light . Looking across on distant ranges one could see the scattered gum trees growing among im- mense fallen rocks The vistas down the numerous creeks, Cowan, [36]

Berowra &c[et cetera] were really fine. Many of the trees accom- -modated the immense nests of the destructive Termites The cleared areas of the squatters were suggestive of oases in the desert a deserted selection was to be recognised by the chimney of an otherwise weather-board house which being of brick had been left standing Besides gum trees &[and] palms. Banksias Xanthoreas, "Native Pears" and wattle [37]

were most conspicuous The course along the Hawkesbury is a delightful experience. Mangrove swamps, have been filled in to form the narrow embankment of the railway but water stretches away on both sides, the view ever changing. One little incident I must mention. Bob was my only com- panion in the 4. seat carriage. I stepped into the lav- atory &[and] Bob as he afterwards told me [38]

while reading knew that I had got up but did not take notice until looking up &[and] not seeing me was firmly convinced that I had jumped out of the window he rushed to it but at that mo- ment we<re> entered the tunnel while therein I returned to my seat un- noticed in

the dark &[and] unheard in the roaring of the train. When we emerged into daylight Bob [39]

" who was really scared said ""good ""God Mr Waite"" I ""thought you had ""jumped out of ""the window."" Even then he could not ac- count for my dis- -appearance until I explained matters to him. At length we arrived at Toronto, here the men alighted <at> with the trawl &c[et cetera] while I went on to Newcastle which I reached at I proceeded to the Great Northern Hotel [40]"

where Thompson joined me by a later train after refreshment we walked through the town together 14 Fri[day]. Got up early and walked on to the end of the spit (Nobby's) and up to the lighthouse, back to the town and in to breakfast at 8.0 met Frank Down at the table. Thomson &[and] I left at 9.0 for Cockle Creek. Here a launch took us out till we met the 'Mag- -gie Johnson' with our men &[and] tackle [41]

on board from Toronto Cockle Creek is pretty being an arm of the lake river - like in appearance. When we entered the Lake proper we lost all detail of the shores Shags and Swallows were about the only birds we came in with. we put down the trawl several times but as the bottom was muddy &[and] shallow the results were almost nil as we expected to be trawling in the evening we gave the men a spell in [42]

the afternoon. Steamed across the Lake to Belmont. had lunch &[and] Thompson &[and] I set off in search of a Lagoon on which I was told were Red bills we had not gone far along the road when a black snake ap- parently went for T[ompson]. Although a heavy man he was precious nimble, I succeeded in placing the barrel of the gun on the snake but it got away &[and] into a hole in some stones. T[ompson] [43]

had simply been in front of the Snakes retreat. He having seen sufficient chose to return while I went for the lagoon I could get nowhere near the water as the edges for 200 or 300 yards were Mangrove swamps. As it was I got muddied up to the knees. I returned to the Accommodation house when we set off to Toronto to meet Cox. we found him at the hotel where we also had [44]

a feed. On again being under steam now in the darkness we put down the trawl of 2 or 3 hours several times but with negative results Finally about 1. am I was landed at Swansea close to the entrance to the Lake 15 Sat[urday]. Knocked up a fisherman - Boyd - &[and] a bed was found for me. I was soon asleep despite the mice scuttering over- head. Got up at

4.30 &[and] walked along [45]

the sand flats, the tide was coming in being searched by waders which I was not able to approach Curlew whelks were all I got. Returned at 8. to breakfast, and then went along <on> a spit stretching into the lake I did very little more than have a swim about. I shot 2 Shags at one shot, they both fell into the lagoon over which they were, one got up again and managed to get away [46]

Taking off shoes &[and] socks &[and] doubling up my bags I waded in after the other which led me a fine dance for about $\frac{3}{4}$ of an hour. It took to diving and would allow me to approach within a dozen yards when down it went &[and] up many yards away where I least suspected it. As I got into deeper water I had trouble in keeping my pants dry as I had my gun under one arm. at [47]

last one of my leg protectors rolled down &[and] I was thus relieved of further anxiety on that score The water took me up to the thighs. Several times I felt something nibbling at my legs but it was not until I saw the bird diving toward me that I became aware that the Shag was my assailant. Many times it went straight for me. Once or twice I held it down in the mud but the [48]

water being too deep for my arms I had to let it go. Sometimes it would come up close to me when seeing its mistake it would redive to appear further away. I at length managed to secure it when it bit savagely at me and drew blood several times before I could secure its snake- like head. At 11.0 the 'Maggie Johnson' came for me as arranged. In passing [49]

Pelican flats we saw a single Pelican but black masses of Shags. On a sand bank some fishermen whom we had engaged put down a net &[and] got a decent haul, the Whiting being the finest I have seen. We then steamed in the direction of Toronto trawling with success as we went. I dined at the Toronto Hotel with Thompson and Cox who left by the 2.0 train I had to remain [50]

until the 3 train in order to see the men get the apparatus stowed away. I reached home about 8. in heavy rain by cab. Miss Hopcraft who had been staying with Rose remained overnight. A letter I had sent to Rose by boat at 11.0 on Thursday night reached her at 8. next morning from Newcastle.16. Sun[day]. The Shag although able to dive well. appears [51]

to be paralysed in its legs. It had been slightly wounded in the back. Wrote to Wilfrid addressed to Headingley 17. Mon[day]. Posted Xmas[Christmas] Bulletin to Mrs Waite. Half day holiday in consequence of the English Australian test Cricket match to which I went, The Englishmen in made 325 as against the Colonials 586. The game was very "slow" Paterson came to 6.0 O'clock dinner Rowling came later [52]

but we had no music. Paterson had sent me an order on Reynolds & Branson for £[pound]10. which I forwarded to father for. !--- Life Insurance 3.17.6 Linnean Soc[iety] 3.0.0 Miscellaneous ---18 Tues[day]. Bought pair of shoes 8[shillings]/6[pence]. In the evening we went to Shaws to meet "a few friends" I attempted my new piece "Le Babillard" The shag died and became a Museum specimen. Xmas[Christmas] [53]

cards from Father and Wilfrid, An English mail also came last Thur[s]day bringing me a letter from Father which I did not see until Sunday. [newspaper clipping] THE CONCHOLOGICAL SOCIETY At the meeting of this society, on the 6th October, the chair was occupied successively by Mr. Henry Crowther, F[ellow of the]. R[oyal]. M[icroscopical]. S[ociety]., and the President (Mr. John W. Taylor, F[ellow]. L[innean]. S[ociety of London].). The donations included the report of the trustees of the Australian Museum at Sydney, in which due mention is made of the accession to its staff in the capacity of Zoologist- of our old friend and colleague, Mr Edgar R. Waite, F[ellow]. L[innean]. S[ociety of London]. Numerous shells were shown, including a further fine series of Gloucester-shire shells sent by Mr A.G. Stubbs. There was also an excellent series of Scottish land and fresh-water shells sent by Mr G.A. Frank Knight, of Bearsden, Glasgow. This included various interesting varieties of the ubiquitous *Limnaea peregra*, including a very tiny form from the bleak lorsa Water, in the island of Arran, others of larger size from Machrie Water, in the same island. There were also *Planorbis albus* and *Pl. contortus* from Dougalstan Loch, Stirlingshire; *Valvata piscinalis*, from the same place; *Helix rufes-cens*, from Bearsden, Dumbartonshire; *Pisidium niti-dum*, from Loch Morlich, 1,046 feet above sea level, Inverness-shire; *Succinea elegans*, from Collieston, Aberdeenshire; and varieties of *Helix virgata* and *H. acuta*, from ballast-hills at Troon, Ayrshire. Mr. Roebuck showed, on behalf of Mr. Arthur Mayfield, of Norwich, a number of living *Amalia gagates*, pale in colour, from gardens at North Heigham, where they are very plentiful. The next meeting will be held on Wednesday, the 7th November, at 5 p.m., at the Museum, Philosophical Hall, Leeds, when all conchologists are welcome-C.N.R.T. [54]

19 Wed[nesday]. My week on late duty. In consequence of the Lake Macquarie trip matters were disarranged so that I shall have to take next (Xmas)[Christmas] week also. The rest will

have from Sat[urday] afternoon to Wednesday inclusive. I shall be on duty Mon[day]. & Wed[nesday]. 20 Thur[sday]. The 6 days cricket match was concluded to day with a most unexpected win for England by 10 runs. The Australian had only 64 runs to make & [and] [55]

8 wickets to fall but they failed- [newspaper clipping] AUSTRALIA- First Innings Lyons, b Richardson 1Trott, b Richardson 12Giffen, c Ford, b Brockwell 161Darling, b Richardson 0Iredale, c Stoddart, b Ford 81Gregory, c Peel, b Stoddart 201Reedman, c Ford, b Peel 17M'Leod, b Richardson 15Turner, c Gay, b Peel 1M'Leod 180 7 67 2Iredale 12 0 3 0Lyons 12 0 12 0Reedman 36 1 12 0 AUSTRALIA- Second Innings Lyons, b Richardson 25Trott, c Gay, b Peel 8Giffen, lbw, b Briggs 41 Darling, c Gay, b Peel 53Gregory, c Gay, b peel 16Iredale c and b Briggs 5Reedman, st Gay, b Peel 4Turner, c Briggs, b Peel 2Jones, c M'Laren, b Briggs 1Blackham, c and b peel 2M'Leod not out 2 Sundries 7All out for 166 BOWLING ANALYSIS Balls. Maidens. Runs. Wickets. Briggs 66 2 25 3 Peel 180 9 67 6 Richardson 66 3 27 1 Lockwood 96 3 40 0 Lockwood bowled four no balls. I visited Olliff in the evening, he is mending slowly. [56]

8 wickets to fall but they failed. [newspaper clipping] AUSTRALIA - First Innings Lyons, b Richardson 1Trott, b Richardson 12Giffen, c Ford, b Brockwell ... 161Darling, b Richardson ... 0Iredale, c Stoddart, b Ford ... 81Gregory, c Peel, b. Stoddart ... 201Reedman, c Ford, b Peel ... 17McLeod, b Richardson 15Turner, c Gay, b Peel 1Blackham, b Richardson ... 74Jones, not out 11 Sundries 12 ---- All out for 586 BOWLING ANALYSIS Balls. Maidens. Runs. Wickets. Richardson 333 13 181 5 Stoddart ... 18 0 31 1 Peel ... 318 14 140 2 Briggs ... 150 4 96 0 Brockwell 132 7 78 1 Ford ... 66 2 47 1 Lockwood ... 18 2 1 0 Ford bowled one wide. ENGLAND - First Innings. McLaren, c Reedman, b Turner... 4Ward, c Iredale, b Turner ... 75Stoddart, c Jones, b Giffen ... 12Brown, run out 22Brockwell, c Blackham, b Jones 49Peel, c Gregory, b Giffen ... 4Ford, st Blackham, b Giffen ... 30Briggs, b Giffen 57Lockwood, c Giffen, b Trott ... 18Gay, c Gregory, b Reedman ... 33Richardson, not out 0 Sundries 21 ---- All out for 325 BOWLING ANALYSIS Balls. Maidens. Runs. Wickets. Lyons ... 12 2 0 0 Reedman 21 1 12 1 Trott ... 90 4 59 1 Jones ... 76 7 44 1 Turner ... 264 16 89 2 Giffen ... 258 17 75 4 McLeod ... 84 2 25 0 Jones bowled one wide. ENGLAND - Second Innings. McLaren, b Griffen 20Ward, b Giffen 117Stoddart, c Giffen, b Turner ... 36 Brown, c Jones, b Giffen ... 53Brockwell, b Jones 37Peel, b Giffen 17Ford, c and b McLeod 48Briggs, b McLeod 42Lockwood, b Trott 29Gay, b Trott 4Richardson, not out 12 Sundries 22 ---- All out for 437 BOWLING ANALYSIS Balls. Maidens. Runs. Wickets. Giffen ... 450 25 164 4 Turner ... 210 14 78 1 Jones ... 114 0 58 1 Trott ... 76 2 22 2 McLeod ... 180 7 67 2 Iredale ... 12 0 8 0 Lyons ... 12 0 12 0 Reedman ... 36

1 12 0 AUSTRALIA - Second Innings Lyons, b Richardson 25Trott, c Gay, b Peel
8Giffen, lbw, b Briggs 41Darling, c Brockwell, b Peel ... 53Gregory, c Gay, b Peel ...
16Iredale, c and b Briggs ... 5Reedman, st Gay, b Peel ... 4Turner, c Briggs, b Peel ...
2Jones, c McLaren, b Briggs ... 1Blackman, c and b Peel ... 2McLeod not out 2
Sundries 7 ---- All out for 166 BOWLING ANALYSIS Balls. Maidens. Runs.
Wickets. Briggs ... 66 2 25 3Peel ... 180 9 67 6Richardson 66 8 27 1Lockwood 96 8 40 0
Lockwood bowled four no balls ----- [56]

21 Fri[day]. Wrote to father Rose having trod upon a rusty nail I am now chief cook & [and]
bottle-washer 22. Sat[urday]. At the museum all day. Called on Paterson who had written
& [and] asked me to send away to R[eynolds] & [and] B[ranson] some Amalgam wh[ich] would
be prepared during his absence at the mountains. 23 Sun[day]. A bad cold I had developed
last week kept me in doors all day. Rose also had to be attended to. [57]

24 Mon[day]. At Museum alone, sent off some Maroubra Fish reprints to Father, Roebuck
Boulenger, Gunther. Posted letter to Father Will (Transvaal) and Chadwick. We received
Sundry Xmas[Christmas] cards & [and] in the evening I went into town bought some plain
cards on which I made drawings and sent to:- Shaw, Rowling Mrs Rowney, Miss Hopcraft
Cooksey, Mrs Forde, Mrs Down, Mrs Barrett (Brisbane) Mrs Roebuck & [and] Miss Thorpe
(both of Geelong, Vic[torial]). [58]

25 Xmas[Christmas] day. A very sorry Xmas[Christmas], what with bad feet & [and] colds I
spent most of my time reading Bevan's New Guinea, breaking it only by a stroll round the
bay. 26 Wed[nesday]. At the Museum, again alone. In the evening Miss Hopcraft and her
sister called. Commenced a letter to Roebuck asking him for "Naturalist" covers. For reprints
or cuttings fr[om] "Naturalist" by myself. [59]

27 Thur[sday]. Looked through the bird skins and placed relays of Naphthaline & [and]
Cajeputi among them. Took my Dendrolagus M[anu]S[cript] to Fletcher who told me that it
would probably not appear in the next number (No[number] 3) of the proceedings. 28
Fri[day]. English mail in by the "Ormuz". A letter from Fanny re[garding] Wilfrid who it seems
had been engaged to her and had just broken his troth, and almost her heart. [60]

Also letter from Father. Having promised Paterson, he being away, that I would send to
Branson 30 oz[ounces] of Alloy, asked for. I obtained it to day & [and] in the evening
weighed, bottled, and packed it up. At night we had a raging storm lightning & [and] torrential
rain. 29 Sat[urday]: On duty at the Museum 'till 5. Wrote a long letter to Fanny, Sent off the

Amalgam, 4[shillings]/6[pence]. carriage. Parcel Post [61]

while there Mrs Forde called on Rose and left a couple of very small drawings executed by her in 1864. Rowling also called during my absence and asked for particulars of our holiday dates &c[et cetera] I sent my Bank book to the general Office for calculation of interest.³⁰ Sun[day]. Leaving home at 9.45 I walked to Maroubra landing at 10.35. A glorious but broiling. After a dip I went to a part of [62]

the coast, (Lillipilli) I had not previously visited, here are some very curious examples of the weathering of sandstone. On a shoal covered at high time the rock has been worn down about one foot as determined by the harder portions which of course may also have suffered somewhat these harder parts are all arranged on the same plan &[and] consist of cones, at the top of which is a small depression 3 or 4 inches The whole therefore [63]

is like a miniature Volcano, These are most plentiful over a limited area but are to be traced in other places Maroubra included. The area mentioned is thickly studded with cones [sketch] One hard portion was of large size and had been retained by a ring of ironstone? which had prevented weathing &[and] had formed a trough a foot high, 3 feet [64]

Dec[ember] long and 2 wide the summit being of brown color while the other part was sandstone - this also had an internal depression of four inches or so. [sketch] I also noticed another of weathering, hone[y]comb, but instead of it being, as used horizontal, it was in a vertical rock the depressions were most regular to 6 inches in depth while the septa were not more [65]

than ½ inch [sketch] I walked along the beach to the further rocks &[and] back without shoes or socks, the consequence being that my feet were badly burned, even my face was scorched. In the evening I concluded my letter to Roebuck while Rose wrote to Fanny.³¹ Mon[day]. Posted 2 letters to Fanny and one to Roebuck. In consequence of Rowling having said [66]

Dec[ember] - Jan[uary] "Another fellow will be in the house with me." and so forth I considered it advisable to take the birds to the Museum. I asked Ben to attend to them &[and] wrote Rowling that we had decided to shut up the house. We had an unexpected half-holiday to day which of course was of but little use to us. We walked round the city in the evening I bought a two-foot rule 2[shillings]/- [67]

Jan[uary] 1895.1. Tues[day]. Yet another holiday. Heavy rain most of the day kept us indoors. Pasted up some Scraps &c[et cetera] and did various odds and ends. We shall probably go to the Mountains (and caves?) for our holidays giving up the thought of Brisbane, 1. because Hedley has dropped out and 2. Rose does not look forward to having hotter weather than we are now experiencing.2. Wed[nesday]. Commenced my bimonthly letter to father. [68]

Jan[uary]3. Thurs[day]. Received Bank book from the general Office with £[pound]6.6.3 added for interest4 Fri[day]. 'Did-up' the garden after which we paid a visit to Miss Scott.5 Sat[urday]. After dinner we took train to Newtown called at Union Bank the Shaw family had gone to the Pantomine I had wanted to ask Shaw about a house he had mentioned at Arncliffe. We walked on to Stanmore called at Fletchers' he and Mrs F[letcher] had just left for the mountains. [69]

The house we had looked at was sold &[and] the sods up on the adjoining plot for an -other erection. Walked along until we struck the Leichardt road &[and] took the train home.6 Sun[day]. I had some fun with Mag to day. We had caught a mouse in a cyclone. I attached a piece of string to it &[and] let it down to the birds through the wires, Strange Mag was the only one that went for it. She jumped up &[and] caught it &[and] then remained [70]

suspended still holding while I drew her to the top of the aviary. She would hold until tired &[and] then drop off. I did this many times I noticed that while suspended by her beak she was able to hook one claw on to the mouse, but could never reach it with both claws at once although she several times tried, [sketch] [71]

In the afternoon we walked - to - Walker's at Waverley. I went into Centennial Park with W[alker]. and among other things a dead lizard (*Amphibolurus muricatus*) attracted my eagle-eye. It was lying near a low wall &[and] was swarming with ants. I lifted it on to the wall when the ants came streaming out while those on the ground sought around in all ways some commenced to ascend the wall &[and] soon met others coming [72]

from the Lizard. There was a scurrying and shortly it became ev- -ident that nearly all those on the ground became aware of the situation of the Lizard for they all hurried up the wall. It was evident however that ants were not the only tenants for I noticed the Lizard moving. This was the work of a small beetle (*Histeridae?*) it had insinuated itself under one side and was slowly moving the lizard towards the [73]

edge of the wall, at first I thought quite unassisted. I noticed another specimen inside & this was actually hitching its claws to the stone & so dragging itself & the Lizard towards the edge thus:- [sketch] At length the beetles succeeded in pushing and pulling it to the edge when it toppled over, the pulling beetle going [74]

with it, the other ran to the edge and deliberately "fell" over it soon reached the Lizard in the interior of which we left it. I unearthed some large spider from under stones. Walker's little dog did not care about them, when one ran up its leg, it shook it off with decided aversion. I finished letter to father Sperm Whale on the envelope. 7. Monday. Received letter from R Hislop in which he gave me [75]

additional notes of the Tree Kangaroo. Went to the Linnean Society: but Fletcher being away, the boy could not give me the Manuscript. Received from Cox and accepted a ticket for Banquet Reception, & Conversazione given to "His Excellency Vice-Admiral Nathaniel Bowden-Smith" for Wednesday next. I simplified the Bandicoot as I am not likely to learn much more about it. A pair might teach me something more! €» see end of the "7th" [76]

Rowling did not appear in the evening may be owing to the very heavy rain which fell in the evening - wrote to Post Office asking that my letters be sent to the Museum. I bought Tennis shirt collars and tie 10 shillings/- posted letters to Belle & Father. Hedley gave me a copy of the "Nautilus" containing his article on "A shell hunt 40 feet under the sea." €» The Bandicoot had grown very large under domestication [77]

much larger than any wild one. So Thorpe said. It had been fed upon a variety of food the staple perhaps being pudding (Semolina rice, sago & cetera) of which it was very fond, it drank a lot of milk, liked peas & french beans (boiled) meat more especially cooked, it being easier to masticate, nothing left from the table came amiss to it, but raw vegetables did not seem to be favorites [78]

January 8. Tuesday. Received proof of Dendrolagus paper & spent the evening in writing additional matter including a long foot-note on the supposed "Native - Tiger." Letter from Rowling his absence yesterday was on account of the rain. Called at Cook's for Blue Mountain and Jenolan Cave literature - I saw Paterson in the evening he suggested Leura as a Mountain resort for a Naturalist Bought set gold-topped stud. [79]

9. Wed[nesday]. At 7.0 I, with Etheridge and Hedley attended the banquet. Give to Bowden-Smith met the Governor, a regular "Duff" He has an awfully annoying habit of passing his fingers across his face just touching his moustache, for an instant, on each side. I almost felt inclined to look upon it as a nervous affection. [sketch] [80]

Other notable personages were Sir Geo[rge] Dibbs. McMillan. Mayor (Lee), Ex Mayor (Manning) The late Admiral (Bowden-Smith). New Admiral (Bridges) The Primate, Slattery. - After the toasting was €»[reference mark] a very slow so - called conversazione by 10.0 we had had more than enough &[and] adjourned to a bar (private) &[and] discussed many matters until 11.30. [81]

10 Thur[sday]. An English Mail in Letter From father, "Naturalist"! but no experience of 'diving' yet. I took Jackass &[and] parrots to the Museum. Bought a Mackintosh 27[shillings]/[pence]6. also a Bulletin, it contain a photo[graphic]: reproduction of Etheridge &[and] an article on him by Hedley €»[reference mark] Received a Telegram from Brisbane asking me to send 'paper' by Tuesday. I had given <all> up all though of writing it, opened the€»[reference mark] see over - [82]

"Dewetted" box, it contained no dust so I replaced it roughed out my ideas in the evening [newspaper photo]Photo. by Falk Sydney.Mr. ROBERT ETHERIDGE, Jun[ior]., the newCurator of the Australian Museum, Sydney. [83]

[newspaper clipping] An Australian Scientist.To many an old miner "The Etheridge" willrecall tramps under a North Queensland sun, watches kept against wild myalls, and fossickingover the quartz reefs; but few know that the gold-field was named after a Sydney resident, thegentleman who was last week gazetted as Curatorof the Australian Museum. Robert Etheridge,j[u]n[ior]., was born in the purple of science, hisfather being a well-know savant attachedto the British Museum and Geological Survey.Young Etheridge was one of the brilliant groupwho officered the first geological survey of Vic-toria, and who were widely scattered on its break-up. Selwyn, its head, removed to Canada, wherehe gained added fame as director of the Canadian Geological Survey. Wilkinson returned to N[ew].S[outh].W[ales].and rose to be Government Geologist. Dain-tree migrated to Queensland, where as author,artist, and explorer he surveyed and des-cribed the mineral wealth of the Far North.Before he left Australia to represent Queens-land as Agent-General, he named a newgoldfield, "The Etheridge," after his old Vic-torian colleague. On losing his appointment,Mr. Etheridge returned to Europe and obtained employment on the geological survey of Scot-land. Across the seas, Australia still fas-cinated him, and his studies were

frequently directed to the solution of Australian geological problems. In 1878 he produced "A Catalogue of Australian Fossils," which still, though out of print, is the standard work on the subject. Wider opportunities for research were gained by his removal to London, consequent on receiving an appointment in the British Museum. His interest in Australia was kept alive by the collections transmitted and discoveries reported by Mr. R.L. Jack, his Edinburgh friend and fellow-worker, who, by this time, had commenced his Queensland career. In 1887 Mr Etheridge returned to Australia, undertaking the joint duties of palaeontologist to the Australian Museum and to the geological survey of New South Wales, which he held till the end of last year, when he succeeded Dr. Ramsay as curator of the Australian Museum. At their next meeting the Royal Society of New South Wales will present the Clark medal to Messrs. Etheridge and Jack for their investigations into Australian geology, to our knowledge of which none have made larger contributions. Besides half a dozen bulky volumes, Mr. Etheridge has published a hundred and fifty papers on scientific topics. Most of these deal with fossils of which few men, certainly none south of the equator, possess so profound a knowledge. The ethnology of the Australian blacks is another subject on which Mr. Etheridge ranks as a high authority. In his new office, his science will have full scope. [84]

11 Fri[day]. Wrote my paper on dust & posted it and a letter to the Australian Association Advancement Science in Brisbane. Took the Magpies and the Finches to the Museum. Mrs Forde called I introduced her to Etheridge. Spent the evening in packing & securing the house. After the windows had been screwed up & turned to the doors. The back has a bolt & can be wedged & cetera. By going out at the front we could only secure that by the [85]

ordinary American lock which would perhaps be fitted by one or two out of every 12 keys. I therefore amused myself as follows:- Moving aside the scutcheon by removing a screw, I fitted a small sheet of metal out of which I cut a key-hole just so small that any key passing it would fail to reach the lever. (see over) against forcible entrance one could do nothing [86]

[sketch] A small screwdriver, (hidden under the gas meter) is all that is requisite to open the door, in addition to the key. 12 Sat[urday] Miss Lancaster asked me by Telephone if I had decided to go to Leura & by what [87]

train I said "Yes" 1.30. She then asked me to tell Mrs Craig that she would also go, by a later train. Left the Museum early. We took the 1.30 train and after a very slow journey reached Leura about 5.0. Walked to the Palace, learnt that the terms were £2-2-0 a week or 8 shillings/- a day. After tea we walked as far as the cascades Numbers of Martins

about the house and no end of flies in the bush, they are much smaller than ordinary [88]

flies, much cooler up here, &[and] far easier to breathe perhaps on account of the rarefied air. A man at Lawson is noted for Snake catching I am told that he gets 1[shilling]/6[pence] per foot for them¹³ Sun[day]. Up early. Plenty of Drosera in the bogs I walked to Katoomba and back. Returned to breakfast after which Rose, Miss Lancaster and self set off for the falls there is very little water but it falls a great distance &[and] the foot is reached by innumerable steps. The girls stayed [89]

at the foot of the first falls which I descended to the foot of the second. The gully is carpeted with ferns. Tree Ferns are very abundant and lovely After dinner I went out alone essayed to make a water - color sketch but the colors dried before I could work them, Found some boys swimming in a pool, of which I took due note.¹⁴ Mon[day]. Went out at 6. and had a good swim. After breakfast taking billy and provisions [90]

the trio set off for the Minnie Ha, Ha, falls_ Taking the high road Sydney to Bourke we met two Bullock - -teams taking bales of wool, they had been 5 weeks on the way having started from Lachlan district, The men were new at the business &[and] said they would not do it again their destination being Sydney, Under a real broiling sun we took the bush road for the falls, but got some distance out of our way landing at [91]

some rifle targets. We eventually struck the right track and in due course reached the head of the falls. the descent was made by ladders &[and] general scrambling, Boiled the billy after which a heavy thunder storm came on accompanied by rain. As it showed no signs of abating we had to climb un- der difficulties, the water sodden herbage wetting us through the rain above wet- -ting our upper parts On the pathway Rose [92]

saw a small "Black" snake - in the rain. other Reptiles were Lizards, principally Amphibolurus - these I found ran until reaching a stone when they squatted motion- -less assimilating so nearly that we no doubt passed many as in this situation they do not move until your hand is within a few inches of them, while at the falls we saw many Swifts? and heard what might have been a Boobook [93]

The Ants' nests were of fine size in the district reaching to our waists of fine sand quite smooth and hard, with a few small holes in scattered places. Took a photo of one of them with the girls. Reached home literally drenched.¹⁵ Tues[day]. Wet all day being somewhat sick of the rain we decided to spend the wet in the caves so left Leura at 1.30 for Mt. Victoria

where we landed at 2.10. Put up at the [94]

Manor House (Cooper's). Raining! Raining!! Raining!!! Cards and blankets. Very cold. 16 Wed[nesday]. Left by coach at 9.0 am. At Hartley we saw the oldest police station in the colony the seat of the first convict settlement, the route lined with Briars and thistles. We had some excitement despite the rain, rival coaches had from $\frac{1}{4}$ to $\frac{3}{4}$ hour start and yet we passed them all. Landed at Kelly's half-way house 11.30 had dinner & at 1.0 started off again with [95]

a new set of (3) horses, which again passed others on the road, here the fog dispersed somewhat & the scenery opened- out into wild valleys but again clouded up with continuous rain so that almost all the way any view was obstructed by our being veritably in the clouds, during some of the breaks we saw Wallabys squatted on the road which jumped upwards at our approach, Nettles and thistles were most pro- fuse. Some of the [96]

tints reminded me of those of England in Autumn, rich russets and reds. no doubt caused by the frost on the mountains, but none of the Australian trees, even here, are deciduous. We arrived at 2.50 just in time to join a party for the caves at 3 o'clock so off we went without lunch - As I am now writing after the visit to the caves was a thing of the past I will deal only with generalities, Cook's guide giving full [97]

particulars of each Show object. The show caves or those open to the public are fitted with electric light and a carbon light is fixed in those places requiring better illumination. The magnesium light carried by the guide is however the main lighter for special objects, the wire is drawn off the bob- bin by clock - work and passes through a tube in the [Diagram] reflector [98]

The "clock" is stopped by a peg whenever the light is not in use. In parts each visitor requires his candle the handle of which is furnished[sketch] with a spiral spring the light is entirely within a wide cup which receives the melted tallow and acts as a screen[sketch] from draughts the candle may be kept alight [99]

in a strong wind by holding it quite towards it. The main forms taken by the lime are] the stalactites and stalagmites in part colored when iron or some other mineral has been present, when such join they are named 'columns' some of these are formed by the fusion of many separate [stalac]tites and [stalag]mites as shown by sections of a column [sketch]

wherein [100]

rings are occasionally formed of different colors. In the new cave where opened in our presence the stalactites were terminated by a lovely corona of crystal, but[sketch] perhaps the most curious formations are those name "mysteries", they are generally thin and often long &[and] twist about in a most eccentric manner apparently without any regards [101]

to gravity or other force, those below are not exaggerated but are remembran- ces of forms noted and are drawn to show that[sketch] no order is followed in their[sketch] arrangement they are so entwined that[sketch] in parts it is not easy to follow the[sketch] multitudinous windings of any particular bit of thread like [sketch] [102]

material, a drop of water is generally seen at the tip of each [stalac]tite but out of quite a mass the guide assured me that perhaps only one dropped, evap- oration being rapid enough to counter bal- -ance the slow supply. The "Shawls" are most lovely. they are thin masses of lime may be 3 feet long and 1 or two deep of even thickness, folded and colored in most distinct bands. They [103]

always hang down and are not [sketch] as a rule thicker than a photo[graph] card. There were some very extensive and beautiful illustrations of ripple marks both on the slope and horizontally In places the [sketch] floor was formed of a succession of raised terraces and in other [sketch] of a shell [104]

[Sketch] pattern. Some of the stalactites were sonorous &[and] the guide struck some in succession producing a pleasing impression. Darkening of the roof was in places caused by the smoke from the candles or magnesium light while the floor near openings was covered with bat guana where also the rocks were much polished by Wallabys I was shown quite a nest of bats' bones &[and] in places the floor [105]

was largely composed of broken bones of small mammals. The additions <of> to some of the stalactite have been measured and scarcely exceed ... inch in 40 years. A bat's skeleton in situ 10 years, had a very thin coating of lime scarcely sufficient to be notice -able. Our first visit was from 3 to 6 in the Left Imperial Cave our guide being Voss Wiburd here at least we [106]

were out of the rain. 17. Thur[sday], 10 to 1. The Right Imperial and from 3 to 6, the Lucas Cave Rose &[and] Miss Lancaster accompan- -ied me to all these, we managed to get round

old Wilson the keeper, otherwise Jerry and having taken a fancy to Miss L[ancaster]. at night (9 o'clock) he took us to the new cave not open to visitors and shown to but few, it was very rough work not being opened out [107]

the squeezes and dangerous places making the visit quite exciting we did not leave until 1. am having named a beautiful recess in Alabaster Hall the "Lancaster Grotto" Rose did not accompany us on this or any further expeditions nor to the subterranean river in the Right imperial, a pretty effect was produced there by placing thin slices of candle on the water [108]

when they floated down lighting up the walls as they went. On coming down from the Lucas Cave we saw members of *Egernia cunninghami* in the rocks. I tried to catch some but they clung in their crevices and always left part of their tails in my hand two visitors killed a Diamond Snake 7' [foot] 8" [inches] before I got to it; I sent it to the Museum along with some [109]

insects. 18 Fri [day]. We had a hard day of it somewhat too much following yesterday. In the morning Miss L[ancaster] and myself visited the Nettle Cave, 9 to 1. In the afternoon I visited Wiburd and named some snakes for him he gave me a hornet's nest in a wood box. The hornets enter the houses and build in anything, ornaments, bottles, boxes, shells & [et cetera] & [et cetera]. [110]

The wallabies are very tame & [and] take salt out of his hand in winter. In the caves are blind spiders and in the subterranean river fish, popularly supposed to be blind but not so regarded by our guide. In the evening Miss L[ancaster] myself and Jerry again visited the new cave, which we did not leave 'till 4 am. Miss Lancaster - ter who in both nocturnal visits was clad in the [111]

most necessary male attire, was exceedingly plucky facing the most perilous situations infinitely better than most men and throwing herself heart and soul into the matter, I can give no idea of the approach to some parts, one place to be crawled through would allow the arms to be stretched out only while the roof was so low & [and] covered with stalactites that it was not possible [112]

to raise the prostrate body more than an inch or two from the damp, muddy and unyielding ground Another opening to be wriggled through had a bend at half its short length & [and] had to be won feet first, only one particular position of each arm & [and] leg & [et cetera] being permissible. These were of course tedious and fatiguing* [fatiguing] in the extreme but

did not 'try' the nerves as did the [113]

yawning chasms to be descended without the steps or ladders provided in the caves traversed by visitors once or twice, I myself, felt somewhat shaky when on a great slope on friable matter or slippery surface with certain death to follow a slip. Our fair companion however trusting to the old man who was most careful of both of us was safely carried [114]

or piloted over dangerous places Our main object was to obtain examples of the material for the Museum & we were at length led down a trying place only just discovered We then found that Terry had come prepared for work. On a previous visit he had noted a small aperture and now set to work to enlarge it with hammer & chisel leaving us in a small damp place (115)

for 1½ hours in which we could not stand upright At last he wriggled through and then was in a larger chamber of fine formations. The corona terminated stalactites previously mentioned abounded here, large crystals studded the floor. We could at least claim to have been the first three or rather four in this grotto for I have not mentioned that we were accompanied [116]

by a young fellow in charge of the Post Office at the caves. The 'Lancaster Grotto' also had not before been entered by any lady. One evening when going to the caves I noticed a glow-worm or two, I found them by placing a finger close to the light and striking a match, they (the females) were much smaller than those I had seen in England. They lay on their backs when emitting the [117]

'glow'. Jenolan would make a very fine collecting ground for an entomologist I should say, for we noticed any number of interesting things. 19 Sat[urday] The rain still falling having not ceased during our visit, we should otherwise have remained longer but mounted a coach a coach in company with an Adelaide man and set off. There was not so much cloud as on our outward journey [118]

so that we saw something more of our surroundings This time owing to the heavy roads our journey was slower & [and] we had, "four in hand". Reached the half way house for lunch, here the rain cleared off & [and] we had a pleasant drive to Mt. Victoria obtaining fine views of the Kanimbla Valley and one-tree Mountain & [et cetera]. We did not reach the Manor House until 5.0 so had nice [119]

time for dinner to catch the 6.10 train In consequence of the brighter aspect of the weather the management tried to induce me to remain but I was obdurate and we set off, we had been glad of fires but on passing Penrith the weather became warmer &[and] was close &[and] muggy when we reached Sydney at 10.30.20. Sun[day], Raining hard wrote to Father and developed the few [120]

photos I had taken, they were more or less fogged as I had expected owing to some one lighting up in a room fac- -ing the one wherein I was changing the plates.21 Mon[day], Bought printing paper called to see Miss Lancaster and gave her the photos (stereoscopic) she had obtained. Letter from Fanny Bowling. Brought home the Mag[pie]s. Wrote note to Ogilby re-Wallabys*[wallabies] licking salt. Raining [121]

22 Tues[day]. Floods all over the low lying lands. Etheridge had a letter from Cox wherein he asked that I might go to Lake Macquarie Friday to Sunday, as he and some friends were going line fishing (Scarcely likely if this weather continues.) Handed in for Cooksey 2 minerals from the caves23 Wed[nesday]. Write Darley asking him for Egg- cases of Heterodontus to Jerry Wilson asking him to forward the [122]

specimens and to Voss Wiburd re[garding] the collection of Nat[ural]: Hist[ory]: specimens, 2 bottles of spirits &c[et cetera] being forwarded. H Barnes promised to lend me his stereo[scopic] plates of the caves he photo[graphe]d those sold by King but retained a few only. Called at Linnean Society. Fletcher not returned North asked me with regard to a plate to illustrate his new genus of birds. At 1.0 very suddenly the rain and the [123]

clouds dispersed and the sun shone hot for the rest of the day in a cloudless sky.24 Thur[sday]. Etheridge wrote to Cox &[and] told him that unless urgently needed I could not be spared from the Museum for Lake Macquarie. Received letter from Father.25 Fri[day] Etheridge asked us to Summer Hill for Sunday afternoon. Cox telephoned that he would be glad if I would go with him &[and] his friends [124]

on my own account. Having promised to go to Summer Hill I had accepted an invitation, the trip would have cost me £[pound]3 too much, when following £[pound]12-16-0 for a week's holiday Barnes lent me his stereo[scopic] negatives of the cases &c[et cetera], I bought packet ½ plate P.O.P. also a snap-shot album Bought 24x18 canvas &[and] made outline sketch of Rose.26. Sat. The damp has affected every- [125]

thing, books & all leather goods are mouldy woodwork clammy & other things "sweating" Lit a fire for the benefit of the Piano & cetera]. I commenced to print Stereo[scopic]-photo[graph]s, slow work in this dark rainy weather. Spent most of the day in covering "Rose's" canvas. Being at home all day. public holiday, Anniversary day. Wrote to Fanny B[owling]. in the evening.27. <Mon> Sun[day]. Went to Summer Hill with [126]

Rose, Mrs Etheridge invited us to spend a few days with her at Colo Vale, their selection Rain again28 Mon[day], Still raining Posted letter to Fanny. Now working at the latest consignment of Lord Howe Island Fishes. Bought more P.O.P. for stereos[copics]. 2 sheets for 2[shillings]/-29 Tues[day]. Up early and toned 16 ½ pl[ate]. prints. In the evening, I put in a little more work at Rose's portrait. [127]

30 Wed[nesday]. Toned a further batch of prints. Letter from Mr Ja[me]s H Saunders, Brewarrina via Bourke whom we met at the caves. Bought chest of drawers £[pound]1-5-0 and safe (provision) for 7[shillings]/6[pence]. In afternoon Etheridge told me to go to the Margaret St[reet] wharf to the "Ardwatta" to meet Rob[er]t Hislop who was only just returning from Melbourne after delivering Dendrolagi some of which, he said, had just reached London. He told me [128]

that he had made arrangements whereby all the tree kangaroos would be taken up at a high price for resale in Europe. He will be here again from Cooktown in 3 weeks with a further cargo of 30 all of which are bespoke.31. Thur[sday]. Wrote to Cohen about his boys who have for some time past been most an- noying & impertinent the climax being reached to day when water was thrown over the birds and [129]

Rose much cheered. Darley sent some very beach worn egg cases of Heterodontus, in replying I asked for better specimens. I wrote to Saunders (see yesterday.) Saw Fletcher who hearing that the Tree Kan- garoos had reached London, at once said it might still be possible to include my paper in part III. Burton (the artist) came in while I was at the Linnean & said the plates would be ready in two [130]

weeks which time Fletcher would also require, discussing the plates I had wanted the ground color of the skulls to represent bone but as they were to be put on the same stone as some "platypus" muscles & cetera] of Martin's much cost & trouble would be saved if I con- sented to a grey-color for the ground. I stayed at the Museum until 5.0. Hedley introduced me to a pearl grower who had [131]

some fine examples with him ranging from [sketch] 5[shillings]/- to [sketch] £[pound]50 or £[pound]75 according to quality, lustre &c[et cetera]. some were quite egg shaped - [sketch] but the most precious were the pure spherical ones. those taken from Pinnas were black young oysters produce the clearest hence the difficulty of obtaining purity and size, the large ones usually becoming too opaque purity &[and] size may be obtained by transferring the pearly successively [132]

Jan[uary]. to young animals a pearl of this size [sketch] was produced in a year, Mr. Clark had with him some impure examples of great size e.g. [exempli gratia "for example"]:- [sketch] they were seldom spherical &[and] many were of a yellowish hue. Spent the evening in papering &[and] fitting up the chest of drawers. [133]

Feb[ruary].1. Fri[day]. Met Burton at noon, he told me that if it was still possible to tender for the plate (colored) of Dendrolagus he would produce it for £[pound] 7. Frost, the collaborator of Lucas on the Victorian Lizards was at the Museum to day. North handed me the parrot, obtained on the Elder expedition decided to be a new genus, as I had promised to draw the wing, the generic distinction being an elongate and spatulate third primary. [134]

Feb[ruary]2 Sat[urday] Met Fletcher &[and] told him what Burton had said about the Dendrolagus plate.3 Sun[day]. Wrote to Father and drew the terminal feathers of the wing of North's new genus of birds. (see the 1st.)4 Mon[day]. Gave the drawing to North. Having half day holiday for the cricket match (4th test) I took Rose when we witnessed the last man of the English team go out, the score being 65 whereas Australia had made 285. The Englishmen went in [135]

again &[and] we saw them all out for 72, they were therefore heavily beaten. Letter from father by the English mail which in usual course should have been last Thursday.5. Tues[day] Took "late week" for Cooksey Bought 2 doz[en] bronze handles for Bird Cabinet 3[shillings]/- &[and] polish. Spent the evening in polishing some of the 20 drawers untouched since6 Wed[nesday]. Received and corrected proof of the Dendrolagus paper &[and] wrote to Fletcher re[garding] [136]

the plates. Wrote to Uncle Banks and continued the polishing. The rain which has scarcely ceased since (were) we were at the caves culminated to day in a phenomenal downpour. Rushcutter's Creek overflowed its banks; a circumstance we had not before seen &[and] covered the Chinamen's gardens no doubt doing much damage in its rushing course. Hedley

said it was an example of true tropical rain. [137]

7 Thur[sday], Commenced to put some notes on the Egg case of the Heterodontidae together which will probably form my next paper. Took home the only 2 stringed forms we have which are probably *H.galeatus*. 8 Fri[day] An English mail brought the January "Naturalist" and a post card from Father. Angus & Robertson's sent me two books of the Fisheries Exhibition but not the ones I ordered I therefore returned [138]

them and shall have to wait another 3 months. Made outline sketches of the two Shark's Eggs. One only had the strings apparently perfect each being exactly 90 inches in length. Catley the Sec[retary] at the Zoo called to tell me that they had a large snake with a yellow head which no one knew. 9 Sat[urday]. At the Museum all day took home egg of *H. philippi*. & in the evening I made careful pencil [139]

drawings of both forms. 10 Sun[day]. All morning drawing egg case of *C. galeatus*. In the afternoon Paterson called to say that he had intended staying to tea with the girls but having the boy with him _____? The girls viz[videlicet = namely] the Misses Lancaster & Buckleton came also asked leave to bring a Mr. Taylor from New York had a short walk before tea & they remained the evening with us. 11. Mon[day]. Posted letter to Uncle Banks and [140]

returned proof of the *Dendrolagus* paper. Bought 2 sheets of P.O.P 2[shillings]/- for stereos went to the zoo in the afternoon found the snake to be an *Aspidites* but could not say the species without examination it had some black on the head. Drew *C. galeatus* egg case using for both, the brush and pencil. 12 Tues[day]. Finished both the drawings and worked at the paper [141]

13 Wed[nesday]. Received and returned proof of *Aspidites* paper. We asked Mr. & Mrs. North for Friday. Took Rose to the Lyceum to see "Sowing the wind" got "The Needles" a drawing Father sent me, reframed in gilt 6[shillings]/- & gave it to "young Barnes" for a wedding present. 14 Thur. The English Mail brought newspaper only. Met Rowling in town he is going to live at Manly for a change. Shaw also called, at the Museum, and told [142]

me that the Bank are going to close the Newtown branch- he may therefore be drafted off elsewhere at the end of the month. In the evening I made some lantern slides from the Jenolan Caves negatives of Baine's. 15 Fri[day], Cooksey asked us for Wednesday next. Mr & Mrs North here in the evening. Paterson looked in later and I went to Craigend with

him. He lent me Zola's "Downfall" & Muddock's "Stormlight" [143]

16 Sat[urday] Received proof of Boulenger's *Typhlops waitii* corrected and returned. Went to the Zoo with Rose in the afternoon examined the living *Aspidites* & found it to agree in all particulars with our two *ramsayi*'s. Took a few negatives which I developed in the evening. 17 Sun[day] Reading all day except to finish letter to Father & to take Rose for a walk to the Bay. 18 Mon[day] Turned up at the Museum at [144]

6.am to assist in removing the skeleton of the Sperm whale although I was ill very bilious. went to bed early. 19 Tues[day] We went with the North's to Cookseys's to dinner. 20 Wed[nesday]. Rainbow, much to his annoyance had his *M[anu]S[cript]*. on the Spiders' webs returned to him from the *A[ustralian] A[ssociation for the] Adv[ancement] Sci[ence]* as they will print the title only, I suggested that he should send* the article to "Cosmos" -lent him a copy. [145]

In the evening we went to Shaw's and talked over his impending changes at the Bank. He had had 2 complete copies of the Australian Picturesque Atlas in parts published at £10.10.0 & now had offer of a third, each set had cost him only 12/shillings/6/pence & as he offered me one at this figure I naturally took him at his word and brought the heavy package home (in the trams.). As [146]

Whitelegge had to attend the Linnean Council meeting. I stayed until 5.0 21 Thur[sday]. English Mail brought a very long letter from Father and one from Wilfrid who enclosed *P[ostal] O[rder]* £4.10.0, being the £5 returned less cost of Flute Music & sufficient to buy a book, he not now being in the straits he had previously feared. 22 Fri[day]. Received proofs of *Dendrolagus* and *Aspidites*, the repro- [147]

duction was bad, Moreover one of the former was printed upside down & the Malar - constriction spaces not tinted with the ground color, the latter had been copied to ½ instead of ...” the original drawing & must therefore be re- done. pointed these out to Fletcher on whom I called, this will still further delay part iii. A man called at the Museum, to see me, I found he had some black-and-white mice, They were from Japan and until very recently [148]

were unknown elsewhere. Their peculiarity is that they are continually turning round & round at great speed, not making a large circle but spinning on themselves so that they could perform under a tumbler. He had more than a dozen and at times 3 or 4 but more

frequently 2 would round head to tail at such a speed that all form is lost to the eye when more than 2 spin the extra ones generally turn outside the others and [149]

frequently in an opposite direction and others may be waltzing by themselves in another part of the cage. There was no waiting to see them spin there were constantly at work. They had not been trained but commenced to turn as soon as they could walk. Taken out of the cage and placed on the floor no attempt was made to escape. I saw that they could move in a straight line if they went very slowly even then the head was jerked from side to side [150]

in a spasmodic manner. Should speed be an object the mouse could do this by turning & then make no progress i.e. if it turned for 10 minutes (a common thing) it would scarcely have passed the area of a cup plate, twirling in one spot and not so [sketch]. It appeared that the most favorite direction was the reverse one [sketch] but occasionally* one would go with the clock. Mr Haley, the owner told me that they could be kept in a cardboard [151]

box, If they made a gnaw at any part they would in a second or two have to waltz & so did not make much headway. In one part of the playground, a peg had been stuck round this was the favorite position, it just looked as though they were attached to the peg which was being rapidly twiddled. Mr Haley regarded them, evidently as a new species [sketch] but to me it was perfectly evident that they had parallel peculiarities with [152]

tumbler pigeons and could no more help waltzing than the tumbler can, tumbling. I gladly accepted his invitation to visit him & in the evening I took Rose to "Rita Villa Livingstone Road Mar-rickville. Here we saw large numbers of the mice in all stages. Mr Haley is a Bradford man, independent and met with these mice 9 months ago, having obtained a single pair from a friend who had just returned from Japan. They bred [153]

on the voyage to Australia but the young died, All the others had been reared since landing He promised to give me some and insisted on leaving them at the Museum tomorrow Out of the stock two cream ones had been produced, these had pink irides, in all the others which were black & white the irides were dark. Although not all regularly [sketch] marked the sketch shows [154]

the general disposition of color.²³ Saturday]. True to promise our Yorkshire friend left for me 6 half grown mice (I think 2 [♂], [male] and 4 [♀] [female]). In the afternoon I constructed apartments for them.²⁴ Sunday]. Two years this date since we left England. Spent

afternoon in the Art Gallery and Botanic Gardens.25 Mon[day]. Heard that Hislop had arrived in the "Cintra" from the North &[and] arranged to see his Dendrolagi tomorrows. Made drawing of the [155]

South head light from the picturesque Atlas part 4. in W[ater] color got money-order cashed. Addressed some wrappers to send reprints away in.26 Tues[day]. With North and Thorpe I visited the Cintra &[and] saw Hislop he has 12 Dendrolagus in Coops, all bennettianus nearly all were squatted with their tails beneath them. Hislop gave me an invitation to re- - turn to the Bloomfield River with him, he may not be going for some weeks yet. [156]

Feb[ruary] March Returned books to Pater- son whom I did not see. Bought a cookery book for Rose. Lucas called to see me.27 Wed[nesday]: Toned a batch of Jenolan prints.28 Thur[sday], Wrote to Father, Pay day. My deposit at the Savings Bank having reached £200 the maximum sum on which interest is allowed, I opened a new account in the joint names of Rose and myself. Fearfully hot day a regular simoom blowing. Bought a scythe &[and] stone 5[shillings]/6[pence]. [157]

March.1. Fri[day]. An English mail brought a letter from Wilfrid in which he told of the death of Mrs Bowling which occurred on Jan[uary] 23rd. Bought 2 books 2[shillings]/6[pence] each viz[videlicet = as follows]. Poulton's "Colors of Animals &[and] A Grammar of litho- graphy, wrote to Wilfrid who had enclosed Linnean Soc[iety] receipt for 1894 al- though Father had not at the time received the money from Branson. Paid [158]

gas bill £[pound]1-5-8. Etheridge told me that the one or two Typhlops obtained by the expedition into Central Australia would be sent to me by Spencer for determination.2 Sat[urday]. Skuse not being well asked me to take his day at the Museum which I did. Hedley came to tea &[and] spent the evening with us.3 Sun[day]. Wrote to Fanny a letter of sympathy on the death of her mother. drafted [159]

an article on the waltzing mice with the idea of sending it to "Natural Science" or other publication.4 Mon[day]. Postal output to Englan, letters to Father, Wilfrid, Belle, Fanny &[and] Sellars of Keighley enclosing 2[shillings]/- for Machine needles &c[et cetera] also a sketch of the South head light to Herbert. Shaw called to tell me that he had been ordered to Melbourne to obtain instructions as to his future position he seems to imagine that [160]

he will be sent to Western Australia, he leaves here on Friday. Bought a little book for 6d[pence] on English fishes.5. Tues[day]. Bought Stereoscope 2[shillings]/6[pence]. The

fearful hot muggy weather culminated in rain & thunder storm this evening. All Sydney is excited over the final English Australian test Cricket match now being played at Melbourne. 6. Wed[nesday]. Grimshaw sent a living egg of *Cestracion galeatus*. Framed my colored drawing of the Tree Kangaroo, it now [161]

being no use for London as I see that Beddard has commenced on the anatomy and some one will be certain to publish plates soon. Bought cabinet cards to mount stereos on. Some of the prints I cut. 7 Thur[ursday]. English mail in Letters from Father, Fanny, Boulenger wrote regarding the *Dules argenteus* recorded in my "Maroubra fishes" & Gunther sent some old reprints as an acknowledgement viz[videlicet = namely]:- "A new Ray. *R eatonii*." "Pachymetopon & Pimelepterus." "Scorpaena frondosa sp new" [162]

& "Deep Sea Fauna. Britain." Whitelegge spent the evening with us. 8. Fri[day]. Returned Barnes' negatives of Jenolan, he lent me some more stereo[scopic] negatives Miss Lancaster telephoned to tell me that there was a moonlight picnic this evening. I called round at Liverpool St[reet]. At 7.30 all met at the Manly Quay viz[videlicet = namely] Miss L[ancaster] & Miss Buckleton Paterson, Miss Hopcraft Rose & self. Steamer crowded. Up Paramatta*[Parramatta] river to opposite Gladesville where we [163]

alighted for an hour. The rowing clubs grounds were lit up with paper lanterns & an amateur concert given also refreshments. It was beautiful on the water passing the several inlets & the various jetties we reached the Circular Quay at 10.45. The trip, the refreshments & concert included costing 2[shillings]/- each. 9 Sat[urday]: Afternoon, printing, toning and mounting stereos[copics] of Jenolan Wellington Cave district & bits [a]bout Bondi [164]

10 Sun[day]: Printing stereo[scopics] toned 2 batches (18 each) and mounted in the evening. In the afternoon we visited Mrs Forde, the property has just been sold Dr & Mrs & the Misses Morgan go to Goulburn, but Mrs Forde will seek quarters in Sydney The Australian Lepi- -doptera literature will be sent to the Museum on Wednesday when Mrs Forde will also place in my hands some papers on mam- -mals by her late [165]

Father. These are to be at my own disposal entirely. 11. Mon[day]. Skuse, who is now preserving larvae told me that he would like some British ones whereupon I suggested that the Museum should take mine in exchange say for a copy of "Scotts' Lepidoptera." I received from Blades' 8. examples of their colored litho[graph] work. Raining moderately this

morning I could not help noticing 23 swallows on the telegraph wires [166]

March every one of them facing the rain. 12 Tues[day]. Received letter from Grassham written Jan[uary] 8th from Fort S[ain]t James, Stuarts Lake via Quesnelle, B[ritish] Columbia. 13 Wed[nesday]. Received papers on Mammals from Mrs Scott per Skuse. Letter from Father, he had drawn on Branson for £[pound] 7.3.6 disbursed as follows:- Alice's present 8[shillings]/6[pence] less 1[shilling]/6[pence] in hand 7.0 Linnean Soc[iety] 1894 3.0.0 Star Insurance 3.17.6 less 1/- cost 3.16.5 ----- £[pound] 7. 3.6 [167]

He also sent a blank indexed book. Received February "Naturalist". Hedley told me that a friend, in reading Grant Allen's "Science in Arcady" had come across some note on the P[ort].J[ackson]. shark egg. 14 Thur[sday] Hedley brought the book I wrote at my paper on Cestracion's eggs mentioning this reference. read over part of Mrs Forde's (A[lexander]. W[alker]. Scott's M[anu]S[cript]) papers & write her informing her that the M[anu]S[cript] was at this date of very little value . I [168]

received revised proof of Dendrolagus and Aspidites plates, called on Fletcher & growled about the bad lettering & figuring mine having been erased & others substituted 15 Fri[day] Finished the paper on "Egg-cases of Port Jackson Sharks." 16 Sat[urday]. Commenced to alter the ½ plate camera in order to adapt it to stereoscopic work with one, the Ross' Lens. Mr., Mrs & Jessie Walker spent the afternoon & evening with us. Early in the morning we learnt that [169]

the Governor died last evening & arranged to go to the funeral at Waverley with the Walkers tomorrow 17 Sun[day]. dined early, Rose & I walked to Waverley, trams being crowded, called at Palmyra Ter[race]: Walker himself only accompanied us to the Waverley Cemetery. Ex- posed half a dozen, ¼ plates in the Rover, which I developed at night. Wrote to Father and to Blades. 18 Mon[day]. Printed & fixed photos and posted them to the "Daily Graphic" also a "Daily Telegraph". [170]

Finished alterations to camera for Stereoscopic work. 19 Tues[day]. Looked out a few preserved larvae for Skuse (see 11th) he saw Etheridge who sanctioned the exchange. Mrs Down came over from Woolwich 20. Wed[nesday]. Made drawing of the interior of the egg-case of H philippi. 21 Thur[sday]. English mail in- Letter "and Beautiful Britain" from father. Letter from Branson also a letter & packet addressed to Lyons c/o[care of] myself. Letter from Chadwick. Cameron, the diver brought me the [171]

egg of *H. galeatus* containing a young one, the yolk sac nearly absorbed this will necessitate the amendment of the paper. Spent all the evening in selecting the larvae pupae & images for Skuse. Etheridge told me that some one was trying to make unpleasantness in the Museum. "Some one" upon being promised that no questions should be asked told him that the following had been set about. "Etheridge was nobody with the trustees, the real Curator was "Mr Waite". [172]

Etheridge was as much annoyed as I & asked me to keep eyes & ears open but say nothing. he had narrowed his suspicions down to 3. viz [videlicet = namely] Ramsay, Skuse, & H Barnes. he promised to make it hot for the Author of the unpleasantness.²² Fri[day] Wrote to Boulenger re[garding] the *Dules (Kuhlia) argenteus*. Altered my *Heterodontus* paper to include latest evidence packed it up also the plates & wrote to Sec[retaries] of the Linnean Soc[iety]. Left letter & parcel from Branson with Paterson [173]

23 Sat[urday]. "Went through" the Larvae & c[et cetera] with Skuse & valued them at £[pound] 5, particulars later On duty at Museum until 5 being my late week wrote to Grassham to send photos of Rose and self.²⁴ Sun[day]. In the afternoon we went to see Mr Haley. "The mouse man" at Marrickville. Took the Rover and exposed a plate on his pony.²⁵ Mon[day]. Postal output:- Letter & package to the Linnean Soc[iety]: Letter & photos to R Grassham. Letters to Miss Roebuck and Miss Thorpe (Roses). [174]

Cut some stereo[scopic] prints Left an adv[ertisemen]t with the Herald for Tuesday's & Saturdays issues. [newspaper clipping]WANTED to Buy, detached COTTAGE or HOUSE, 4to 6 rooms, eastern suburbs. Price to George, Herald. Mrs Etheridge visited Rose in the morning.²⁶ Tues[day]. Went to the Macleay Museum in the afternoon to see the type of *Dendrolagus bennettianus* of which there are 3 examples TM, [male] TM€ [female] & juv[enile]. On my way I called in at Horderns and bought a joiners bench for £[pound]1-12-6 & Screwdriver 1[shilling]./10[pence]. Then to the [175]

Technical College and had an hour with Illingworth who showed me some of his recent work, beautiful examples of animal & figure modelling. Received p[ar]t 3 of the Linnean Soc[iety]'s (N[ew].S[outh].W[ales].) proceedings containing my paper on *Dendrolagus*. As with Maroubra fishes <they> the plates have suffered in the reproduction.²⁷ Wed[nesday] Finished paper on "Waltzing Mice" and wrote to Editor, "Natural Science" asking him to "place" the the paper for me, if he [176]

did not deem it suitable for his own journal. I was called down at to Museum to see a Mr. Hodgson of Leeds. Found Sydney Hodgson awaiting me. Consumption was written on his face, he said he was not well and left home for South Africa, finding this did not agree with him he came to Sydney where he has been for 6 weeks or rather to escape the great heat went to the mountains finding my name in the visitor's book at [177]

the Manor House where he stayed he was reminded of my being in Sydney & therefore called to day. Asked him to Fallowfield for Friday next. Received part 4 of the Proceedings of the Linnean Society: containing my paper on *Aspidites ramsayi*. At 8.0 I attended the (annual) meeting of the Linnean Society Paid my subscriptions for the year 1895 and received reprints of *Dendrolagus* paper together with 50 extra copies to be paid for at printers' rates [178]

Lucas gave me reprint of his "preliminary notice new Lizards from Central Australia." Roy Society Victoria: While I was out Miss Lancaster called and said Paterson, the girls, and others were going to Woy Woy on Sunday for fishing purposes. Would we go also? Arranged for me to see Paterson. The following cutting from to-day's "Telegraph" shows how a newspaper man can construe "matter" out of a very simple affair "Adventure" "½ an inch" [179]

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

very close to the bush, and it is supposed that the snake, which was 2f[oo]t. 6in[ches] in length, entered the house to escape pursuit by a cat or some other enemy. [180]

The account also appeared in the "Herald" as below:- [newspaper cutting] A SNAKE IN A BRIEF BAG. - Chancery square is not without its snake story, and unlike many snake stories this one has the merit of being true. One of the officers of the Bankruptcy Court happens to live at Chatswood, on the North Shore railway, and it also happens that he is accustomed to carry to and from his home a brief bag. This bag he carried home with him on Saturday last. On the Monday morning, as he was preparing for his journey to the city, he noticed that the bag was partly open, and ensconced therein was what appeared to be a snake. Imagining that a practical joke had been perpetrated, he was about to remove what he thought was a dead snake, when, to his horror, he saw signs of life. The glimpses he had had of the reptile were not sufficient to enable him to comprehend the precise species to which it belonged, and, as he does not pretend to any expertness in the handling of snakes, he determined to carry the bag with the intruder to the city. This was done, and on the snake being sent to the Museum for examination by an expert it was pronounced to be an excellent specimen of the green-tree snake, 2f[oo]t. 6in[ches] in length, and non-venomous, which, in view of the fact that a collection of models of reptiles is now in preparation, was most welcome. I told Etheridge that Bray would be sure to read "excellent" for "large" and rush into print. [181]

28 Thurs[day]. Called at the "Herald" and got 23 letters in reply to my advertisement. It sent a post card & asked then to add "state price" to advertisement in Saturday's issue. Went to see Paterson at his Office decided that Woy Woy was too costly. I arranged to call in the evening. Did so at "Craigend" but he was out so went to see Olliff in his new abode "Greta" found him on the Verandah much improved. I called at 22 Bayswater Road & took Rose home. She had been with the [182]

March Misses Lancaster and Buckleton. Made up some reprints for the post. The bench arrived. Prediction regarding Bray:- [newspaper clipping] THE GREEN TREE SNAKE. Mr. James S. Bray, naturalist, writes:- "The paragraph in yesterday's 'Daily Telegraph' referring to the above snake is somewhat misleading as far as the official information supplied to your journal is concerned. The reading would make it appear that a snake of this kind 2f[oo]t. 6in[ches] in length was a fine sample. That is not so. The green tree snake (*Deudrophis punctulata*) attains a length of 6f[oo]t. One I caught and presented to the Australian Museum some 25 years ago while the late Gerard Krefft was curator, measured 6f[oo]t. 2in[ches], in length. Almost everyone living near to the bush and having much greenery around their home will have this snake as an occasional visitor or resident. It is harmless, and

can be handled without the reptile offering to bite, unless roughly taken hold of. It is one of the prettiest of our non-venomous snakes, and when alarmed or in anger has the habit of 'puffing up' or swelling out the whole of the body, disclosing along its whole length a series of silvery white markings. This snake can always be recognised through its habit of 'vertically swelling' out the body, while in the case of venomous reptiles they 'flatten out' the body sideways. The green tree snake is as frequently to be met with on the ground as on trees, and of all our snakes it is the smartest and most difficult to secure alive. Another feature in this snake is that the green tree snake, to the ordinary observer of our snake life, would appear to be of the venomous order, by reason of having a similar number of plates on its head as that in the case of a venomous reptile, hence comes the difficulty, to non-scientific persons, of recognising by this means a venomous from a non-venomous snake." [183]

29 Fri[day]. Hodgson did not turn up. Made a "T" Square & fitted wedge to Tying plane. 30 Sat[urday]. Spent afternoon at Waverly looking at Cottages in response to the advertisement but saw nothing that would suit us. After tea I roamed through Paddington with like results. 31 Sun[day] Took 3.15 boat to Woolwich. The "Mag[pie]" which had been promised to us was caught by a rat trap last Thursday & is so very severely crippled that She can do little [184]

March April more than stand falling over to her side if walking is attempted, however we took her home. Her name will have to be changed as "Mag" is the name of "our Mag[pie]" as Rose says. Bowral was her native place. < [?] [?] [?] [?] > < [?] [?] [?] [?] > < [?] [?] [?] [?] > < [?] >
When I give Mag a hairy larva she rubs it into the dust or sand but is evidently annoyed by the hairs which she seeks to remove in this way [185]

April:1. Mon[day]. Whitelegge who spent yesterday at Maroubra as usual reported the "Bill" Hardy, a half witted fellow whom I always met there had been missing since Wed[nesday]: & continued search was unavailing. While Whitelegge was collecting wood to boil the Billy he came across the body, in a fearful state, some of them went to Coogee for the police who removed the ghastly object. [186]

April Posted letter to Father also Dendrolagus reprint & "Daily Telegraph" with account of "a snake in a bag". Sent reprint & paper on "Waltzing mice to "Natural Science" also letter to Editor. Received reprints of Aspidites paper. In the evening I placed the lame Mag[pie] with the Thrush although not a third its size it was most valiant & unhesitatingly attacked the Magpie. The latter being so weak on its legs was bowled over at

each onslaught [187]

this further emboldened & as the Magpie was with difficulty able to regain its legs I had to take it away. Rose called at Herald Office for letters in reply to Saturday's advertisement & received 19. Rhodes who had been seen by Down called at the Museum, he had a cottage for sale at Summer Hill. Made up the exchange in Lepidoptera to £5-16-7 to receive Scott's lepidoptera II & Richardson's Fishes Erebus & Terror (see March 23). [188]

2 Tues[day]: Ogilby gave me reprints of many of his papers & in the evening I made a start to arrange my numerous pamphlets. 3 Wed[nesday]. Toned prints early in the morning I took home & placed with the Thrush, a *Gymnodactylus platurus* although approaching very close it did not attack it. Magpie on the other hand through the narrow wire netting managed to reach the gecko with her beak whereupon it gave vent to a loud noise [189]

moved its position & opened its mouth in the menacing manner previously mentioned of this species. At the board meeting, yesterday the exchange was sanctioned. 4. On leaving the Museum I went to North Shore in answer to a letter regarding a cottage, thence to Oatley & Cahill where I arranged to go on Saturday when they would drive me to various cottages at Mosman's Bay. I bought a small easel on my way to the boat for 2 shillings/6 pence. [190]

5 Fri[day] Received "Scotts" Lepidoptera Vol[ume] II £3 & Richardson's Fishes £2 in exchange for my insects as follows: 142, larvae @ 6 pence 3.11.0 62, pupa @ 2 pence 10.4 141, imagoes @ 3 pence 1.15.3 (see "Book 1" p. 321) £5.16.7 Made a bracket for Rose in the evening. Skuse gave me some pamphlets including a set of his Diptera of Australia made up reprints of *Aspidites* and also some of *Dendrolagus* for the post [191]

6. Sat[urday]. After dinner I took Rose to North Shore where as arranged we called at Oatley & Cahill's, the Estate agents. We were driven to Mosman's Bay and inspected several cottages price about £500 to £550. We reduced the number of possibilities to two either of which would suit us admirably. I called on Paterson in the evening and if not otherwise engaged he will trot over with me tomorrow. First met his mother. [192]

7. Sun[day]. Called upon Paterson, but he had arranged to take his mother up the Lane Cove River & invited us to accompany them. Took the 3.15 boat to Fig Tree Wharf & had tea with the Jubert's Mr Jubert will let me know the next Sunday he goes outside the heads fishing. Inviting me to be one of the party. If possible Paterson will give me an afternoon this week to visit the houses at Mosman's Bay [193]

8. Mon[day]. Wrote to Addyman re[garding] the non- acknowledgement of previous reprints sent to the Leeds Nat[uralists'] Clubs & posted reprints of Aspidites paper. On my asking, Etheridge gave me reprints of some of his voluminous writings. Paterson telephoned at 4.30 & together we went to Mossman's Bay & inspected the house that had taken our fancy. His experience enabled him to detect several imperfections which decided me to [194]

leave the place alone Perhaps the best plan if deciding on Mossmans will be to rent some place & look round. Paterson returned with me to "Fallowfield."9. Tues[day]. The chestnut breasted finches had as I thought being playing at egg laying and sitting on 5. but today two were watched showing they were in earnest.. we received the 1894 Vol[ume]: of the Mem[oires de la] Soc[i t ] zoologique de France & at p[age] 63 was a note on the dancing mice further [195]

referring to a previous paper in "Feuille de Jeune Naturalistes" for 1893 wherein was a full account of the mice from which in many respects mine might have been copied so identical were they in matter and observation. I shall have to decide whether to withdraw my article or to send a post-script. North gave me a number of reprints of his papers 24. the rest he did not have in duplicate remaining. [196]

April gave Le bihaiy, the artist who has been painting at the Museum 3[shillings]/- for 2 photographs of Night Heron and Painted Snipe respectively Looking through the Macropodidae as I have been doing for some time past I decided that one, labelled M. stigmaticus was quite distinct from the species. To day I worked at it & found it to be M coxeni gray. A species not known to be in our collections. [197]

10 Wed[nesday]. Wrote a P[ost].S[cript]. to the paper on Waltzing Mice drawing attention to the fact that the mice were not so unknown in literature as I had supposed. Two years to day since we landed in Sydney. and last Sunday was the 3rd anniversary of our wedding day. Four young waltzing mice born to day.11 Thur[sday]. half-holiday bought a Redhead &

Diamond sparrow as company for the two [198]

April solitary one in the aviary also a pair of Chestnut eared finches (castanotis)
4[shillings]/- for the lot. Bought a triple hand glass for Rose birthday on the 13th. Got Brown
suit dyed 8[shillings]/-.12 Good Friday. Very showery, made and fitted-up drawer for the
bench to contain nails, screws &c[et cetera]. Did some household work for Rose. A second
waltzing mouse gave birth to six. Further notes will be kept in "Book No[number].1" p[age]
303. [199]

Finished the evening by mounting a host of accumulated Photos. [200]

[201]

AMS 587/35 [202]