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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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80/11 v/m 6d[six pence] BECK & INCHBOLD, MANUFACTURING S T A
T I O N E R S, 33,Bond Street, LEEDS ----- MACHINE PAGED
ACCOUNT BOOKS & COPYING BOOKS.Pro. No. 48342 qrs shts [1]

Book No. 28 Jan[uary] 1. 1892 to May 8. 1892 Edgar R Waite. The Museum Leeds. [2]

1892.Jan[uary] 1 - 10. At home with influenza. Jan[uary] 1 to 4 noted in book No[number]27
-11. Went to museum and left at 1.0 to Fallowfield Stayed until 10.0 pm. My last note on
Albinos appears in Jan[uary] "Zoologist" Wrote Rev[erend] W.T Travis of Ripley re[garding]
duplicate Birds' Eggs which he bought from W[illia]m Harrison. Wilstrop12. Repeated
yesterday's pro- ceedings. Saw Roebuck &[and] sent "Naturalist" (Jan[uaey] No[number]) to
Grassham &[and] Nellie Beale13. Selected some objects to be drawn for cover of the
Naturalist. Received an invitation from Mrs Lucien [3]

Marcan. "At Home" Feb[ruary] 2 At 9.30 am I visited the fire at the
N[orth].E[astern].R[ailway] &[and] L[ondon] and].N[orth].W[estern].R[ailway] Stations. An
enormous conflagration. duke of Clarence died to day.14. Fire still raging. I am today
commencing to learn French. Shall I go on with it? Gurnell called &[and] invited me to dine
&[and] spend Saturday afternoon with him. Excused myself from attending
L[Leeds].N[aturalists'] Club Council meeting to night. Promised to fill Feb[ruary] 15 or 22 for

them.15. Father saw W[illia]m Harrison at Marston he promised to allow me to select from his Uncle's insects. [4]

Jan[uary] At night I covered some of the Insect drawers with Linoleum. Accepted Mrs Marcan's invitation for Feb[ruary] 2.16. Wrote W[illia]m Harrison re[garding] the Insects &[and] asked if I might visit next Saturday. Gurnell called at 1.0 we went to the Queens &[and] had dinner. I next called for the photo apparatus and we took a wagonette to Roundhay Park, there were thousands of people skating on the large lake, took several $\frac{1}{4}$ plates negatives in the Park. At dusk we left took another cou- [5]

-veyance to Briggate, left the photo togs at Mr. Connell's and went to Beeston hill by 'bus had tea at G[urnell]'s diggings and returned to Briggate on foot. A tram took me to Headingley. Gurnell lent me Victor Hugo's Les Miserables.17. Spent most of the afternoon in reading Les Miserables to Rose, did not go out. The very severe weather which has prevailed for the past fortnight had made the birds exceedingly tame.18. It is just a month to day since I used a razor. [6]

Jan[uary] Saw Birch at noon &[and] found him really ill. Had tea in town and went to Naturalists' Club Room and labelled Keartland's Birds' skins At 7.15 the Council met when in addition to my paper on the 22nd Feb[ruary] I promised to conduct the first of 3 demonstrations on a bird. The question of Bird Cases was discussed and my proposition to sell them my 3 cases made by Johnson was accepted my idea was that the money thus realised would buy me [7]

at any rate one case to the pattern of Those I bought from Scott originally Clarke's. I sold one of my Micro[scopic] lamps @[at] 7/- to Oliver Marsden for 5/- (new)19. Received p[ostcard] from W[illia]m Harrison "If as convenient to you. Saturday. 30th. would suit me best if not come on 23rd." I wrote him saying I might not be at liberty on 30th &[and] we had better say Feb[ruary] 6th. R Hatfield sent a TM€[female] Golden Eye to me for identification. I forwarded it to Allan of York at his request. [8]

Jan[uary] At night I attended the lecture &[and] worked lantern for Dr. Allbut at Phil[osophical] Hall. Saw W.L. Carter who asked me to give a 10 minutes' paper on my holidays at the Leeds Geol[ogical] Ass[ociation] on the 21st. At noon Roebuck and I drew up a prospectus for the "Nat[uralist]"20. Took one of my Cases for Birds' Skins to Horsman who will make me two for 6/- or 7/- each. Spent noon at the Library &[and] drew course of Danube on 2 ground glasses for the lantern. [9]

Mr Chaloner sent me 2 pheasants's feet showing growth of extra spurs He obtained a ♂[female] Smew House Martin seen Nov[ember] 8th. [18]91. S[phinx] convolvuli during 1st &[and] 3rd week in August. Wrote part of Y[orkshire].N[aturalists'].U[nion] Annual meeting at night.²¹ Letter from Hatfeild telling me his address will be c/o[care of] J. Dunn. Little Shelford Cambridge Letter from Mr Chaloner telling me his son C.W. had just shot a male Smew wrote notes on Smews &[and] Sphinx convolvuli for Naturalist. Had tea [10]

Jan[uary] at Fallowfield and invited W[illia]m and Miss Bowling to meeting of Geol[ogical] Ass[ociation] I attended Council meeting at 7.30 &[and] agreed to lead them in the Museum on March 5th. At the ordinary meeting with subjects "Holiday Notes" I gave them ¼ hour on 2 days on the Danube.²² Another letter from Chaloner with information that ♂[female] Smew was obtained on the 19th &[and] the ♂[male] on the 20th. Also some additional notes on the S[phinx] convolvuli. I amended my notes and sent [11]

that on the Insect to Porritt to pass. Received proof of the 'Naturalist' prospectus from printers. Gurnell called about reproducing some maps in the 'Times' for a lecture At night I drew 12 Outline maps on ground glass.²³ Received a mounted ♂[male] Capercaillie from Allan of York. No letter with it. Know nothing of it Letter followed saying the bird was presented to the Museum by Executors of late John Harrison. I wrote W[illia]m Harrison on this matter. [12]

Jan[uary]²⁴. Spent the morning in covering remainder of Insect drawers with Linoleum. In afternoon I took Rose for a trot through Kirkstall Newlay &[and] Horsforth.²⁵ Spent noon with WD R[oe]buck making up the Feb[ruary] "Naturalist", and at night I wrote up part of the Y[orkshire].N[aturalists'].U[nion] Annual meeting for "Naturalist". Since I had the Influenza I have slept at No. 45 in order to be within immediate call if required, to night I sleep at home as the Major is certainly better. [13]

26. P.F. Kendall called &[and] with a view of giving a final demonstration to his college Extension lecture students in the Museum. I proposed Mar[ch] 26. and wrote to Carter asking him to Cancel my engagement on M[ar]ch 12 &[and] substitute Kendall on March 26. This night Rose gave me a little startling news with respect to her Sister. I understand that although living at home she is mar- ried and to Herbert Denny - her father knows &[and] wished her [14]

Jan[uary] to stay and nurse him.27. Spent noon at Library looking up articles on Attack & Defence for my lectures. At night sorted out the envelopes which Rose has been directing for the 'Nat[uralist]' prospectus.28. Letter from W[illia]m Harrison re[garding] Capercallie & asking me to go over on Saturday I replied 'yes' and wrote to Aunt Paul. Lent Wilfrid photos of Hamb[ro]ugh Gurnell brought me "PremiÃ`res notions sur les sciences. par Huxley" [15]

29. Told Horsman to make 3 bird-skin cases in- stead of 2. Bought a French Dictionary from Miles. 3d[pence] and repaired it at night. Roebuck lent me the first number of "The Annals of Scottish Natural History."30. Left Leeds at 10.5 for Wilstrop. Was met by W[illia]m Harrison, drove on to the house. After dinner looked through the Insects & then took out the guns they were ferreting & had got 10 couples of Rabbits in the morning we went round the hedges with the dog and knocked over [16]

Jan[uary] the bolted ones getting 5 couples the ferreters had got 5 ½ couples making 41 for the day. Returned and discussed the Insect question, the cabinet was the main consideration and I mentioned £[pound]3 to £[pound]4 for the lot. Harrison said I had better take them away & look them care- fully through & give what I considered they were worth. The Cabinet con- tains butterflies alone in 7 drawers & there are several book-boxes with moths the latter chiefly in a dilapidated condition. Harrison asked me if [17]

I would try a piano for them at Ramsden's. Left at 8.16 having been driven from Wilstrop with all my impedimenta. I had an hour in H[arro]gate and called on Fortune, who saw me off at 9.50. Dismounted at Headingley took the cabinet home & left the other things at the Station not however leaving the 2 Rabbits which I had brought away. One I took across the road and found that Denny was there although I did not see him, they told me he had been at 25 with his [18]

Jan[uary]. Feb[ruary]. wife.31 Spent morning in catal- oging the Butterflies. In the afternoon I took Rose for a long walk, called to see Irvine.Feb[ruary] 1. In the evening I commenced to catalogue and select the moths, and also sorted out some of the 'Naturalist' prospectus envelopes.2. Had dinner with W[illia]m at Fallowfield and he went to Ramsdens to select a piano for Harrison and to see what commission he could get. At 8.30 I went to Mrs. Marcan's [19]

'At home' left at 12.0 Received Nat[uralist] Prospectuses from printers letter from Mr. Paul.3. Cousin A J Vanse MB came to the Museum went to Headingley & stayed overnight. it is

16 years since he went to Australia &[and] this is his first visit to England since.⁴ Mr Vanse &[and] his mother at Headingley, he remained overnight again. Denny wished to see me about a house &c[et cetera] &[and] I met him at 7.30. Owing to our visitors I was [20]

Feb[ruary] unable to do any work either on the 3 or 4⁵. Took Cousin Vanse to see our librarian Ja[me]s Yates, he was going to present some Australian papers &[and] photos to the Library the latter to be put into an Album and mounted by me. At 1.7 I met Harrison. Wilfrid joined us at the Museum they went to Ramsdens together &[and] Harrison bought a Schiedmeyer for £[pound] out of wh[ich] Wilfrid got £[pound]11-10-0 for Commission. Out [21]

of this I paid £[pounds]4 to Harrison for the Cabinet and had £[pound]2-10-0 more Wilfrid taking the balance of £[pounds]5-. At night we sent off about 600 'Nat[uralist]' circulars.⁶ Stuart sent a bird from Westport it was a Red breasted Merganser he asked me to preserve it &[and] return to him. Mr Vanse at Headingley again stayed over the 7th.⁷ Spent morning among the Insects. Wilfrid came up in afternoon and we had music &c[et cetera] &c[et cetera] [22]

Feb[ruary]8. Received letter from Raymond enclosing Adv[ertisement] from Manchester Guardian for Curator of Salford Museum &[and] Librarian - <Sent> The Applications to be in by the 16th. Sent off telegram asking for duties. Jolliffe out when I called had a chat with Mr. Derry. Bought "Entomologist" list of Lepidoptera from Marsden 2/- Spent the evening in writing letters. Asked the following to revise their Cardiff testimonials. Clarke, Tristram, Scharff [23]

Denny, I also wrote to Couze, Flower &[and] Green.⁹ Received schedule of duties which consist of Curator of Museum &[and] Art Gallery &[and] Librarian to the Borough. Saw Atkinson who gave me a new testimonial Called on Jolliffe, he promised to write to the Town Clerk of Salford. I wrote him &[and] asked for names of Committee. Spent noon with Birch Took some negatives for lantern slides. Had a walk with Rose in the evening &[and] sent off balance of Nat[uralist] Prospectuses. [24]

Feb[ruary]10. Received letter from Green declining to give me testimonial on ground of insufficient acquaintance Testimonials from Clarke Tristram &[and] Denny, took these together with the one from Atkinson and cover - matter to Jowett &[and] Sowry's. At 7.30 I attended the opening meeting of the Leeds Nat[uralists'] Club at the college. Smithells on

Spectrum Analysis. After the lecture I asked him for a testimonial - finished draft of 'Animals' Cloths'11. Letter from Scharff he has a man going [25]

in for Salford &[and] can- -not give me a testi- -monial. Left a note with Miall asking him for one. Smithells came down to the Hall, and said that Salford was worse than Hunslet &[and] advised me to go over. Considering this &[and] that the post was much library &[and] little museum &[and] that as Jolliffe said the place was already in the hands of a Man- -chester man. I asked Father's opinion & then went to see Roebuck &[and] Miall and finally [26]

Feb[ruary] decide to abandon the idea of applying Stopped Jowett and Soury from proceeding further.12. Stead called and asked me to take tea with him at Hecmondwike*[Heckmondwike] on the 23rd &[and] to go by 4.0 train Corrected final "make up" of L[eesds].N[aturalists'].C[lub] Transactions. Horsman sent a/c[account] for Bird Cases 18/- Jowett &[and] Sowry's a/c[account] 10/- Commenced to rewrite "Animals' Clothes" made lantern slides from negatives. Sent to Miall at his request some hawks' &c[et cetera] eggs and asked him for a slide of Phyllium. At night I [27]

took Rose for a moonlight walk through Meanwood.13. Wrote note on young Otter for 'Naturalist.' In the afternoon I took Rose to Adel had tea at the Reformatory. At night they sent across for me to see Major Green who was getting violent. I remained all night.14. Spent morning among the Insect, had tea at No. 42 with Denny we drew up memo of furniture. Slept there all night &[and] was called down to see the Major.15. Sent amended syllabus [28]

Feb[ruary] of my lecture to W.B Hutchinson. Liversedge Sent Naturalist for Feb[ruary] to Grassham who has changed his address to:- Saucilito*[Sausalito] Island Marin Co[unty] Cal[ifornia]. Walker sent me word that 6 members had sent in their names for my demonstration at the L[eesds].N[aturalists'].C[lub]. tonight bought 7 Pigeons had tea at Fallowfield &[and] then went down to the Club. 17 attended, and cut up the 7 pigeons among them.16. Took negatives of Phyllium from Brehms' "Les Insectes" which [29]

Miall had lent me &[and] Reduvius from Pouchet. Also took negatives of James &[and] Self. Spent noon &[and] had dinner with Birch made acquaintance of Fred Reynolds. In the Afternoon I had to arrange for Franklands' lecture (- Phil[osophical] Society) on Alcohol. Stayed in town for Phil[osophical] Soc[iety] Council meeting at 5.0 S.S. Pythian of Greenwood &[and] Batley's left 3 Cicadas from India for me. 17. Mr G R Blades called and spent the evening at Headingley. With Birch at noon. [30]

Feb[ruary]18. Bought Season ticket for the Art Gallery 2[shillings]/6[pence] Wrote at Animals Clothes at night.19. Bought Darwin's Beagle 3[shillings]/- . Arranged to spend evening of 24th. with G.S. Pickard. Spent noon at Art Gallery.20. Took Mr Vanse's books to Public library. Whitehead sent my boots for which I paid him £[pound]1-2.0 In the afternoon I took Rose for a walk visited Kirkstall Abbey.21. In the morning I started a small oil painting of 3 birds Bullfinch, Sparrow [31]

&[and] Brambling. The Major who has been "wrong" for some time became violent I sat up until 3.am with him.22. Called on the D[octo]r. They sent for me at noon &[and] I induced the Major to take a sleeping draft which soon <put> made him unconscious. Went down to Museum in afternoon. Had tea in town "Made up" March "Naturalist" with Roebuck &[and] then gave "Defence of Animals" at Leeds [32]

Feb[ruary] Nat[uralists'] Club.23. Wrote Mrs Bowling &[and] Stead of Heckmondwike Received invitation "At Home" Hewetson's on the 1st March. Gave Roebuck a cheque value £[pounds]5-6-4 to clear off All our accounts up to date. My debit was £[pounds]10 Credit £[pounds]4-13-8 including Exp[edition]s Scarb[o]ro[ugh] Meeting. Postages Nat[uralist] prospectus &[and] 12[shillings]/- to Rose for addressing. Bought Lantern Slide box from White 1[shilling]/- and Wallace's travels on the Amazon. At 4.0 I left Leeds for Heckmondwike met by Stead and Mrs [33]

Bowling's children. Went with the latter to tea At 7.30 I went to the Cooperative Hall and at 8.0 gave "Animals' Clothes before an audience of 500, using nothing but a few headings. Received my £[pound]3-3-0 and left, with a request from the Committee that if the Series was continued next session I would again appear for them had supper at Mr Bowling's and left at 10.20 arriving in Leeds 11.10. reached Headingley on the Tuesday side of 12 o'clock. [34]

Feb[ruary]24. Accepted Mr Hewetson's "At Home" for March 1st went to supper at E.S Pickard's 93 Ravenswood Gardens.25. Had tea and went with Wilfrid Misses Bowling &[and] Tatterson to "Amaranthus" at the town Hall. the new Operetta of Grimshaws &[and] Oglesby. At night I sat up with the Major who was very noisy so that I did not get a wink of sleep all night.26. Felt "seedy" to day Wilfrid called &[and] I went to dinner at Fallowfield Fell asleep &[and] did not awake until 5.0. He [35]

had been down to the Hall to say I should not be there. Stayed until after 10.27. Mr & Mrs Backhouse called & asked me to Harrogate on March 7th. I had to decline on a/c[account] of the Major's condition. Gurnell lent me Prendergast's French. Took Rose to Lawnswood after dinner. 28. Painted a splasher for Belle. 2 Blackbirds and Gorse. Had a short walk with Rose in the afternoon. 29. This morning I noticed that the Magpie's nest near our house was [36]

Feb[ruary] - M[ar]ch visited by about a dozen Rooks who fought among themselves for the sticks. In a short while they left en mass when a pair of Magpies took possession of the nest. At Art Gallery at noon with Wilfrid Misses Bowling & Tatterson. Excused myself from attendance at L[eeds].N[aturalists'].C[lub]. Council meeting. March 1. Sent off copies of Jan[uary] & Feb[ruary] Naturalists to Leading Newspapers in London & North of England for Review. Letter from Mr Vase from Bridlington. [37]

Bought pair of trousers (new) from Father. 13[shillings]/6 - £[pound]1-2-0 At night I went to Hewetson's "At Home". 2. Received Transactions of the Leeds Nat[uralists'] Club. from McCorqundale & Co[mpany]. Attended meeting of Boulder Committee at Mechanics at 4.30. Arranged to show my "Larvae" at the . L[eeds].N[aturalists'].C[lub]. on Monday next. 3. Spent all <night> evening in pasting in news scraps. Mr. Vase sent 15[shillings]/- to pay for the Photo Album told Morley to go on with the work. Horsman made me [38]

M[ar]ch a frame for Belle's Splasher. Wrote to Stead for reports of my lecture. 4. Letter from Knaresb[orough] to which I replied. Wrote to Aunt Banks & asked her to send my caterpillar & c[et cetera] drawing for the exhibition at the L[eeds].N[aturalists'].C[lub] on Monday. Wrote to Miall and suggested forming a collection of British Freshwater Fishes in the Museum. Wrote Bunker re[garding] Cervus remains found on Goole Moor. Wrote [39]

reviews of "Larva Collecting & Breeding" for Nat[uralist] 5. Took Rose for stroll in afternoon we visited. Denny, at work on his house at Horsforth. 6. Sunday. Spent morning in arranging Insects, Larvae & Pupae for L[eeds].N[aturalists'].C[lub] Exhibition on Monday. Received my drawings from Goathland. Had a stroll with Rose round by Meanwood. 7. At night I attended L[eeds].N[aturalists'].C[lub] meeting at the Museum Hewetson on the peculiar phenomenon of Jan[uary] 13th interference [40]

M[ar]ch of light supposed to be due to ice particles in the atmosphere. I ex- hibited larvae pupae & imagoes of Lepidoptera but "remarks" were crowded out. Addyman showed & gave me some trout ova. Rose met me & we walked home together noticed a

marvellous Lunar Halo of immense size made careful drawings &[and] observations of it. I first noticed it at 10.0 &[and] it had not vanished until 11.30.8. Made drawing in color &[and] wrote a/c[account] of the Lunar Halo. Took them to [41]

Bradley who will insert both the note &[and] the drawing in next Saturday's weekly post.9. The Major has taken a decided turn for the worse his extremities are becoming cold. I have stayed at No 42 every night and has remained up with him on alternate nights with Denny for some time. At night I made a sketch of Father with the idea of painting a portrait of him.10. Letter from Chaloner [42]

M[ar]ch re[garding] a small goose which he had re- -ceived alive species ? Hatfield also wrote enclosing a bird for identification. This night I developed my sketch of Father. Letter from Miall approving of my suggestion to made a collection of British Freshwater Fishes in the Museum.11. Spent noon with Wilfrid at Fallowfield he being laid up with cold. Transferred drawing of Father to a stretcher. The Major sinking fast [43]

I saw Mrs Farnell re[garding] the last duties and Dennison about the Funeral arrangements he will conduct the whole for about £[pound]10. About 12 O'clock I went to bed in my clothes, the Major appearing as though his end was near. He seemed to have no pain and his pulse and breathing were becoming slower. The last words he spoke were about 8 O'clock when he said "Edgar! Edgar"!! [44]

12th March 1892_____ about 2 O'clock Belle &[and] Herbert called of Rose and myself the former had been sitting up with him, he died at 2.10 so gently that unless I had had hold of his pulse I should not have known that he had gone. Shortly after I sent for Dennison. Excepting the people then in the house no one knew of his death until I went across about 7.0 Sent telegram to the Majors brother at Oldham - (John) [45]

Told Dr. Smith. Sent Post Cards to Misses Anderson, &[and] Bowling. Mr. Paul &[and] Miss Blanshard. Telephoned to Mr Twigg wrote notice of death for 'Mercury' and 'Post'. Telephoned Walker and Saw Branson asking them to obtain a substitute for next Monday. L[eads].N[aturalists'].C[lub] when I was down for a demonstration on the Skeleton of the Pigeon. In the afternoon I took Rose to the cemetery Lawnswood where we selected a grave on the unsectarian side. [46]

M[ar]ch13. In the morning I laid in Fathers' portrait with brown including the back- ground. Spent most of the afternoon and evening at No. 42 writing letters and attending generally to

the necessary arrangements. 14. Saw Dennison and have final instructions burial to take place at 3.0 tomorrow. Called for Certificate of Death from Dr Smith. Chaloner wrote me again saying he was certain the Goose [47]

was the Spur Winged and inviting me to go over to Newton to see it. I replied and explained why I was unable to do so. 15. Letter from Rev[erend] W.Y. Travis asking me to go to Ripley tomorrow to see the eggs. I telegraphed that I should not be able to do so. Went home at noon, for the funeral. The party (10 in number) left the house about 2.15 and arrived at Lawnswood at 3.0 The service was con- [48]

M[ar]ch -ducted by Irvine. The persons attending were:- Rose. John Green Belle H[erbert] Denny Mrs Mitton E[dgar]. R[avenswood]. W[ate] Mrs Collett Mr. W. Driver Mrs Waite Sam Myers At night I attended Phil[osophical] Soc[iety]. Lecture &[and] worked Lantern. Prof[essor] Meldola on Evolution of Photography. 16. Chaloner wrote me again and pressed me to go over. Sent cheque to Irvine for £[pound]1-19-0 3 of the Trout ova hatched this morning [49]

I fitted them up for Exhibition in the Museum. Wrote Travis re[garding] Birds' Eggs. I dined at Fallowfield when Miss Bowling made the Suggestion that Rose should go to them for a few days &[and] would go to Headingley to night with Wilfrid to see her. After tea I went house hunting &[and] in Ashville Avenue Cardigan R[oa]d I found one which seemed to be most suitable. The tenants had had 8[eight] applications during the afternoon when the [50] M[ar]ch Notice was put in the window, but as they wanted to sell the gas fittings only one seemed inclined to take them. As £[pound]1 was the only object I went back home and after Miss B[owling]. &[and] Wilfrid had called we 4 (including Rose) went down to the house when being considered satisfactory I struck the matter with the tenant Mrs. Lockhart and paid for the fittings, the landlord's name to whom I have to [51]

write is C. Howson Bishop Monckton n[ear] Ripon. The Rent is £[pound]14-10-0 and Rates &c[et cetera] Sitting Room and Kitchen (living room) on same floor, Kitchen with copper and sink &c[et cetera] (=scullery). Larder and Coal Cellar downstairs. Two bedrooms. Attic and bathroom the whole house in nice order with good paper &c[et cetera] during our walk I told Miss Bowling that I did not care to be married at Headingley, when she, (subject to her mothers' pleasure) [52]

M[ar]ch suggested that it should take place at S[ain]t Matthew's where my Mother was married and where I was Christened, and that we might well be married from their house. 17.

In the morning I called to see Miss B[owling] and mentioned that I should like the "Bands" putting up she said she had no doubt that her Mother would be pleased with her arrangements and advised me to go to S[ain]t Matthew's forthwith I did so, and the [53]

Vicar will enter the "Bands" next Sunday Miss Bowling I should have said is away from home. Letter from Travis asking me to go to Ripley on Thursday next. I replied "if possible" and I also wrote the same to Chaloner. Wrote letters to Fortune, Mrs Paul &[and] Miss Beale. Told Mr Reynolds of my affairs he knew part from Denny already. Jack Denton called and told that a strange bird was haunting their back garden &[and] had [54]

March been about for 3 or 4 days never having left the gar- -den and feeding upon the very copious supply of waste bread! thrown out for the Sparrows. He described it as being like a small partridge with a small tuft of feathers on the top of the head. I at once thought of the Californian Quail. We went down to the warehouse when Jack told off one of his younger brothers to go to Clarendon Road [55]

with me. Arrived we found the bird on the top of a high wall but we induced ? it to descend, it was not at all shy and I saw it was a female Californian Quail very dirty. We chased it about the rockery from which it occasionally flew but very poorly and at last I nailed it. After exhibiting it at the warehouse I took it to the Museum &[and] home when I went, and placed it in the Aviary. [56]

March In the evening I saw Canon Wood who will enter the "Bands" next Sunday. Wrote to C. Howson. Bishop Monkton N[ear] Ripon My landlord acquainting him with the fact that I have taken the house &[and] asking for acceptance.¹⁸ A fourth trout hatched this morning the appar- atus I am using is simply this for the purpose of aerating the water. Sent Mr [sketch] J.J. Willson some drawings of [57]

Black Grouse for which he had asked me. Received letter from the Paymaster General saying that £[pound]12-12-1 was due on behalf of the Major's Pension and referring me to the Under Secretary of State I called on Child the Solicitor who gave me to understand that the wording of the will covered this amount. Last night I paid Dennison £[pound]9-10-0 for the funeral arrangements Percy Davis wrote and asked me about some Birds' Eggs. Fortune [58]

March called to see me on his way to Hewetson. I wrote to J.A. Reid &[and] also to the under Sec[etary] of State, and to T.J. Banks. Spent this night as I have done the last 2 or 3

in going over the furniture and taking down fittings &c[et cetera] at No. 42.19. Wrote to Mrs Vanse Mrs Longbotham W[illia]m Waite (Huntly) and Mr Bland. This morning the Van came to take away Denny's furniture. [59]

Rose will go with them to Horsforth Mr Paul called &[and] invited us to go to Knaresb[orough] I told him I would make some arrangements for doing so when I visited Ripley &[and] Newton Kyme. Miss Bowling called and showed me a letter received from her Mother endorsing her "arrangements". At 1.5 I took train to Horsforth and spent all day helping at the new house. Slept there. [60]

March 20. Continued our "work" After which Denny &[and] self went out for a stroll through the wood saw Bullfinch. After tea we all went out. I left at 8.0 &[and] walked over to Headingley taking with me some Blind rods which were not needed at Horsforth.21. Hewetson telephoned to tell me that he had lost an Australian Quail and having heard that I had caught one wished to know if he could send for it. Roebuck [61]

told me that he had seen Addyman. Knubley had been preaching at Star Beck and Addyman had tackled him about the 'Birds of Yorkshire' with the result that Knubley said he should be pleased if Waite would take the work in hand. Roebuck will write to Clarke on the matter. Received letters from J W Davis &[and] T.J Banks. I wrote to Backhouse, Harrison &[and] Harry Coning. Alfred Robinson &[and] Miss Wigglesworth and G.R. Blades. [62]

March Spent the evening in dusting and packing my books, opened &[and] cleaned case containing the 2 Pomatorhine Skuas obtained at Flamb[orough] in Oct[ober] 1879 (date included) Father will paint me a background.22. Letter from Travis asking me to go to Ripley by the train leaving Harrogate at 9.5. Replied I would. Told Chaloner in reply to a p[ost].c[ard]. that I should probably walk over from Harrogate on Sunday. The 5th trout hatched to day. [63]

Wrote of Hatfield At noon Roebuck and I "made up" the April "Naturalist" I wrote to J.A. Reid. In the morning I had the gas cut off at No[umber] 42. North Lane. Letters from Mrs Longbotham &[and] T.J. Banks. Miss Anderson &c[et cetera]. Went by 5.18 train to Newlay &[and] joined Rose at her Sisters Wood View Ter[race] Horsforth. We all went out for a walk in the evening. Stayed overnight.23. Brought Rose to Leeds by 9.9am train. [64]

March when she went to Fallowfield Terrace I brought away with me from Horsforth "Walden" which Denny had given me on the 19th Letter from War Office with form of

declaration en- -closed. I wrote and pointed out that is contained the words "that he made no will" and asked for further instructions. Letters also from my Uncle in Huntly and Nellie Beale. Spent noon at Fallowfield and also the evening. [65]

24. Left Headingley by train at 7.18, and on arriving at Harrogate I called on Backhouse who was just sitting down to breakfast. I had a little with him. At 9.9 I took train for Ripley and walked to the vicarage, had a third breakfast and went through Travis's eggs including those which he had bought together with cabinet from Harrison for £[pound]63. I made a selection at ..." Schluters list which came to £[pound]4-16-0 We had [66]

M[ar]ch a short stroll saw the Castle &c[et cetera] Travis gave me preserved larvae of *Lanestris Quercifolia*, *Salicis* &[and] *Chrysorrhoea* which he did more than 20 years ago. I left at 3.0 &[and] when I reached Harrogate called on Fortune, we had a walk through the bog gardens. I had tea with him at his Father's house &[and] accompanied him to the Annual Meeting of the Harrogate Nat[uralists'] Soc[iety] where I was let in for a paper. After the meeting we went [67]

to Ravensgill &[and] had Supper. Left at 10.0 for Knaresb[orough]. Found Mr &[and] Mrs Paul had gone to bed, the Porter let me in.25. After breakfast I went down to the river with Uncle to take the temperatures, thro[ugh] the 'long walk' where is the dropping well. to Crag top as far as the Abbey, returning thence by river side saw 2 fine bushes of *Daphne Mezereon* in full bloom visited by many <swarms> hive bees were engaged &[and] several [68]

M[ar]ch mim[etic] dipt[era] &[and] 1 *Bombus rufus* sp? Saw Pied Wagtail. Saw near the Abbey the junction of the Mag: Limestone distinctly lying uncom- formably on the upper series of the Millstone Grit showing the per- fect absence of all members of the Coal measures, photo[graphed] by the Geol[ogical] &[and] Polytechnic. The amount of vandalism which has gone on in the Abbey ruins is "Awful" many of the most beautiful types of stones have been built into the "Road Walls" [69]

some with their faces built inwards and others have been cut across to fit certain gaps it is evident that if the remaining mounds were excavated a large amount of valuable material would be unearthed. Obtained Sweet Violet in flower Met Rev[erend] F.J. Ramskill in the Castle grounds had dinner. At 3.0 I met the Harrogate train but Rose did not come by it. At 4.4 I took train to Harrogate in order to meet her there. [70]

M[ar]ch met the 4.19 "no go" I then called on Fortune & we met the 5.1 with the same result. Went to Ravensgill and had tea back to station and met Rose at 6.15 Left at 6.20 for Knaresborough together. After tea we had a walk round the town. received quite a bevy of letters sent by James from Backhouse Coning. Reid. Hatfield, Blades. Uncle gave us a nice little clock mounted to represent the "Grandfather" type [71]

26. After breakfast Rose, Uncle & self went down to the river to take the temperatures & Uncle returning the two of us went along river side, Bilton Field past Bilton Hall, towards Harrogate. Frogs spawning. Returned went through the town to Crag top & passing Abell the photographers we went in & were "took". 3 cartes for 1[shilling]/6[pence] photos to follow. Returned to dinner. After which Uncle & I went to the Trout hatchery supplied from [72]

M[ar]ch the filter beds. The operations are conducted in a small shed & consists of a series of zinc troughs each lower than the other Water is continually passing through the bottoms of the troughs are supplied with rough pebbles, each trough is partially covered with a board in order to keep the young fry somewhat dark. The water supply is from two sources one from the lower stratum of the filter beds, the other from [73]

the reservoir containing unfiltered water, the object of the latter supply being to provide them with a modicum of organic matter such as would be found in the river itself. The temperature of the river taken at 9.30 was 44 °[degrees], taken at 3.0 pm it had risen to 46 °[degrees], A series of observations of the temperature in the hatchery gave the following results:- The water from the substratum of the filter bed showed a [74]

M[ar]ch. temperature of 41 °[degrees].6 The second supply of unfiltered water was 45 °[degrees]. Mixed in the supply tank it was 44 °[degrees] the being the <water> temperature supplied to the ova. It would appear however from the remarks of the attendant* that this temperature was too low to be a favourable condition of hatching as the process had been unusually slow. The temperature of this water after passing through the trays [75]

has risen to 45.2. The contents of the yolk-sac are sufficient to supply the immature fry with nourishment for a period of about 5 weeks, After which they are turned into an open air reservoir to seek their own subsistence where they are left until about the size of a large minnow ("gudgeon"). The trays require to be examined daily in order to discover ova smitten with the fungus which is ? and remove [76]

March the infertile eggs - Probable causes of infertility of ova. - 1. Unimpregnation. One of the imperfections necessarily arising from artificial impregnation. the fungus appears to attack infertile ova exclusively. 2. The probability of the roe & the milt taken not being at the same stage of maturity 3 The possibility of the non-juxtaposition of the roe & the milt. The temperature of [77]

the filter beds at a foot was No.1 47 °[degrees] No. 2 the large Reservoir which empties itself into No.1 varied - the exit water 48.8 °[degrees] on South aspect 47.4 °[degrees] Inflow from River 46.0 °[degrees] same as river itself. At 8.0 O'clock we went down to the river again and took the temperature at 45 °[degrees] We called on William Todd the Hatchery attendant and obtained the following information:- The period from the Artificial spawning to the hatching of the [78]

March 26. ova, ranges from 95 to 105 days and the youngest fry live about 5 weeks on the yolk bag. The following table shows the place & date on which fish were caught. The number of males and females and number of ova produced. 1891 TM,[male]. TM€[female] ova
Nov[ember] 11 Darley 24 8 = 1000 " 12 do 43. 21 = 300 " 14 do 42. 32 = 2500 " 18 do 14. 3 = 100 " 19 Sykes Beck 4. 3 = 1000 Knaresb[orough] " 26 Darley 8. 5 = 150 " 30 do 13. 8 = 1500 [79]

Dec[ember] 1 Knaresb[orough] <51 19> 1 - 1 = 150 " 4 Darley 51 - 19 = 2300 " 7 do[ditto] 53 - 30 = 5500 " 8 do[ditto] 36 - 30 = 9500 " 10 do[ditto] 13 - 13 = 1500 " 11 do[ditto] 27 - 24 = 6000 " 12 do[ditto] 24 - 12 = 4000 " 14 do[ditto] 23 - 10 = 1000 " 17 do[ditto] 22 - 9 = 1000 " 18 Knaresb[orough] 3 - 5 = 500 " 29 Darley 6 - 5 = 2000 One female should produce from 600 to 700 ova. The pregnant female is gently stroked downwards & the ova are allowed to fall into a vessel of water, the male is then stroked in a [80]

March similar manner the Milt falling upon the ova, the whole is then gently stirred to ensure all the ova being impregnated The fungus before mentioned attacks only infertile ova & appears first as an opacity of the egg. this quickly spreads and attaches together (if not attended to) all the ova good or bad in the immediate neighbourhood. This quickly spreads and causes great mortality. [81]

27. Although the past week has been most fine snow fell all day and I was almost compelled by the good folks at Knaresb[orough] to forego my promise to walk over to Newton Kyme to visit Chaloner. I went down to the river and took the observations . Spent the rest of the day

indoors and in the evening I wrote an account of the Knaresborough Trout hatchery for the "Naturalist" [82]

March 28. Left Knaresborough with Rose by 8.47 train Leeds at 9.55. Fortune called later & brought me the eggs which I had left at the luggage room, Harrogate. Received for Museum a specimen of *Hepialus virescens* from Hon[orable] J W Lascelles. Wrote to Chaloner, dined at Fallowfield where I also had tea after which Rose and I went to 42 North Lane and packed up our glass & crockery. Miss Hartley gave us 2 bedroom chairs & other effects. Gurnell called at Museum [83]

& asked what he was to buy us. Miss Irvine saw Rose and said she wanted to give us a tea service. Returned to Fallowfield & spent the night. Saw Miall to day and told him of my affairs when he suggested it would be well to let the Council know before the announcement appeared in the papers. Bought Brooms & other necessities. 29. Received the photos from Abell Knaresborough they are very good. Backhouse sent me "Sport & Ornithology by [84]

March Rudolph. Crown Prince of Austria letter from Knubley to whom I wrote also to J.A Reid. Received photo album from Morley (for Mr Vanse - Corporation) & paid him 15[shillings]/-) Wrote to Backhouse & also to Clarke to whom I enclosed Selenka's Book. Dined with Birch he gave me receipt for Roses a/c[account] 9[shillings]/6[pence] and 10[shillings]/6[pence] in cash - a present of £[pound]1. Had to wait at Museum until 6. for council meeting then went [85]

to Fallowfield, had tea & to Headingley with Rose where we spent the evening in getting our things packed up. Called at Ashville Avenue & learnt that the house will be vacant tomorrow. Saw Dennison who arranged to "remove us" on Thursday for "under 10[shillings]/-" A nice tea service was awaiting us from Irvine and his Sister. Went down to Leeds after our work and slept at Fallowfield. Harpley from Penistone - which [86]

March place he is now leaving - called upon me at the Museum. 30. Chaloner wrote me & again pressed me to go over, in the early morning if I liked & return in time for business. Received letter from Under Secretary of State informing me that my application had been granted and that I was to apply to the War Office for the necessary forms of receipt. I did so. Not at museum in the afternoon. Spent the time in further packing [87]

with Rose our belongings at both houses in North Lane. Called at our house in Ashville and noted that everything had been left quite clean.³¹ Dennison & his men came at 8.0 and we had 3 loads of goods removed for which he charged me 18[shillings]/-. Last night I slept at No 25 but to night & the following ones at Fallowfield. Mrs Waite told us that she had bought us a washstand and dressing table <Dr Smith sen>April 1. Dr Smith sent his a/cs [accounts] the one for the [88]

April Majors' illness being £[pound]8-8-0. Saw Denny Received our goods from Mrs Waite. Mrs Smith of Southampton sent me £5[five pounds]. Letter from J A Reid saying he would buy me a Clock. Spent the evening at the house with Rose, it taking us most of the evening to put down the Linoleum in the kitchen. I was at the Museum to day.² Sat[urday]. Went round with Rose bought blinds and carpet & c[et cetera]. Spent the afternoon at the house fixing up the former. Miss Bowling told us [89]

that she had received a letter from her mother asking us to postpone our wedding from Tuesday to Thursday as she wished to be present and could not possible arrive until Wed[nesday] evening. We agreed to her request.³ Sun[day]. Miss Bowling, Rose Wilfrid & self went to St John's in morning & Wilfrid & I for a walk in the evening.⁴ Mon[day] Letter from Clarke telling me that after all, the post was to be raised to an assistant- ship & asking me to go in for the exam. [90]

April Reid sent me a Clock & Hatfeild a small pocket flask. Took out fire policy (Protection note) for £[pound]100 on furniture & c[et cetera] with London L & Globe premium 2[shillings]/- went with Gurnell to Pearson & Denhams to see a Camera & Lens which he thought of buying. Mrs.J.E. Eddison brought to the Museum a small specimen of Testacella. Saw Denny in town he told me that his wife was ill in bed. After tea Rose, Wilfrid & myself walked to Horsforth and back [91]

again. On our way I called on Canon Wood paid my 2[shillings]/6[pence] & received the certificate that "No impediment" had been offered to the Banns.⁵ Tues[day] Letter from Aire & Calder asking for particulars of <James> who had applied for a berth. Mr Paul came to the Museum and brought Sundry kitchen and household effects. Mr Reynold brought me an Aneroid. Wrote to Blades for Wedding cards. Received from [92]

April Hodgson's a tea service (Afternoon Tea) with a note inside from L.C. Miall. After tea Rose & I took Bus to our house & began to "square up" hung pictures & c[et cetera].⁶ Letter from W[illiam] J Carr Avondale. Springfield Park Acton. W[illiam] . Saying he was

sending me a pair of Cloisonne Vases. <wrote to Blades to send me Wedding Cards.> Went round the town with Gurnell who paid £[pound]2 towards a study table at £[pound]3 ordered transparencies [93]

for window. Called on Rev[erend] W[illia]m Dunn &[and] told him "the day" was to be Thursday in consequence of a letter received from Miss Bowling saying she could not reach home before that day. Received letter from War Office and receipt form for £[pound]7-3-5 I replied &[and] pointed out that a previous form had stated the amount due to be £[pound]12-12-1. Up to today I have dined &[and] slept at Fallowfield Terrace. [94]

April 7. Thursday. As I put the 12th of March in Black so I put the 7th of April in Red. Went into town with Wilfrid in the morning and after dinner Mr Paul came and at 2.30 we all walked down to S[ain]t Matthews in a desultory manner. Besides the Parson and the Clerk there were only seven of us viz[videlicet = namely] Mr Paul Mrs &[and] Miss Bowling Miss [95]

Tatterson, Wilfrid Rose and myself Returned to tea and spent a most happy day About 11.O'clock Rose and I went off to our home [96]

April 8. Fri[day] Spent this day in arranging the "Study". Received Wedding Cards. In the afternoon Gurnell came up and we went to Burley and Kirkstall to try his new lens we exposed 6. ½ plates Returned to tea after which Wragby and Geneva paid us a visit. Received a letter from Mrs Vase enclosing £[pound]2 for me. Went up to No 25 and received a chilling reception, brought [97]

away the beautiful vases which W[illia]m Carr had sent there for me. Father told me that Mr Blades had asked him to buy me a present and it was to be a station- -ary cabinet. he also said that uncle W[illia]m had sent him some money with which to buy a present. 9. Sat[urday] Measured for wood for skin &c[et cetera] cabinet and also kitchen table gave the order to a man [98]

April named Backhouse in our locality. Bought sundry articles including a Carpet £[pound]1-6-3. I had previously bought one for the sitting room at £[pound]1 this latter for the "study" 10. Sun[day] we went to Fallowfield to dinner &[and] afterwards Wilfrid and I had a stroll through Chapelton on to the ridge. 11 Mon[day] Received letter from War Office confirming the [99]

Amount due at £[pound]7-3-5&[and] applied to the Nat[ional] Provincial Bank of England for Collection of the money Went to the Museum as usual to day. Got "Die ac Nocte" for the window. Heron &[and] Night Heron. Received a parcel from Aunt Longbotham containing table cloth &c[et cetera]. Went with Rose &[and] ordered a Gas Stove &[and] then to tea to Fallowfield Miss Bowling gave us some photos and photo - frames &c[et cetera]. 12. Tues[day]. Took home [100]

April drawings of Ring Plover &[and] Turnstone &[and] also Continental sketches Fitted up the skin Cabinet &c[et cetera]. Saw Denny &[and] told him that his share of the total to be paid was £[pound]9-0-9. Wood received noticed that he had obtained the position at the "Aire &[and] Calder to commence May 2. Wrote note to papers re[garding] "Sunshine in April". Sent Father cheque for £[pound]2-10-0 to clear off my liabilities at No. 25. Received [101]

a letter from Mr R H Blades saying that he was sending to Fallowfield some- thing for me by rail.13. Wed[nesday] Received a table cloth from Mr W[illia]m Simpson. At night I commenced to fit up bookcase over the skin cabinet Fitted up Heron and night Heron in the kitchen window14 Thur[sday] Received £[pound]7-2-10 from Nat[ional] Prov[incial]. Bank Balance of Pension due to Major Green's Exec[utor]s:- A letter from [102]

April Wilfrid telling me that a box had arrived from London. At noon I went to Fallowfield &[and] found a most beautiful Stationary Cabinet from Mr Blades. Wrote reply &[and] also to the letter received from Uncle Banks yesterday. Father brought me in two large Blankets a present from Uncle W[illia]m wrote to Mr W[illia]m Simpson.15. Good Friday Spent the whole of to day at home arranging the [103]

house. Made Bookcase16. Sat[urday] Wrote to Denny &[and] asked him to come to tea tomorrow. Paid joiner <f> 15[shillings]/6[pence] for wood for Bookcase, Cabinet &[and] Kitchen table.17. Easter Sunday. Denny did not come to tea so afterwards Rose and I walked to Horsforth &[and] found that he &[and] his wife had gone to Ilkley for Eastertide.18. Roebuck spent the evening with us &[and] we settled the 'make up' of the May Naturalist. [104]

List of Wedding Presents. ----- James Gurnell. Pedestal writing table. W[illia]m Simpson. Table cloth. W[illia]m R Taylor Carr. Pair CloisonnÃ© Vases. Ja[me]s &[and] G Wragby. Glass flower stand. Kate Gudgeon. Glass Flower stand. John A Reid.

Timepiece. W[illia]m Waite. Pair of Blankets. Mrs Longbotham Table Cloth. Serviettes. and Toilet Cover. Mrs B.P.Smith. - £[pound]5 Mrs Vanse. - £[pound]2 [105]

RH & GR Blades Stationary Cabinet. James Backhouse "Sport & Ornithology" Prof[essor] Miall Afternoon Tea Service Rich[ar]d Reynolds. Aneroid. J.R. Hatfeild Spirit flask (pocket) C.S. & Miss Irvine Tea service Miss Hartley 2 Bedroom Chairs Fender Wash jug & basin. J.C. Birch 10[shillings]/6[pence] in cash Mrs Waite washstand & dressing table. Pair of used sheets used [106]

carpet, stair carpet, oil cloth & hearthrug. Peggy-tub and sundry kitchen utensils. Mr. & Mrs. Paul, 1 pair sheets, Bolster pillow cases, towels glass cloths, hearth broom, spoons & other kitchen utensils. Miss Bowling bride- cake Mrs Bowling Flat Irons & c[et cetera] being a general Mother to us. John Waite Picture 20x30 Nellie Twigg Bread Board & knife. Ruby-glass cream jug & sugar Basin. Geo[rge] Bennett. Bookcase & c[et cetera] [107]

The Misses Raper Fish carvers. Mrs Bland. Small table cloth. T. J. Banks. Water- colour drawing & Cruet stand. Mrs Banks - Bracket & cushion Wilfred Waite oil painting Miss Beale, 2 Jam spoons W.D. Roebuck. Field glasses. [108]

April 19. Tues[day]. Mr and Mrs Denny came and stayed overnight I arranged with Roebuck to visit Settle on Friday finished making the kitchen table. 20 Wed[nesday] Received a box from Knaresb[or]o[ugh] containing some pans and tins & c[et cetera] In the evening Miss Bowling, Wilfrid, Mr Hall & Marie came to Ashville and we invited them for tomorrow and to take Miss Bowling Alice and George [109]

also called & left me a mahogany book cupboard & c[et cetera] which he had made told me that Father was at home with Rheumatism. Wilfrid brought a Rook from Knaresborough I sent it to Loten to mount for him. 21. Harold Loxton bought me a Viper which he had killed on Denton moor on the 17th. Wrote to Knaresboro[ugh] At night Mrs & Miss Bowling, Wilfrid & 2 nieces of Miss [110]

April Bowlings all came to Ashville & spent the evening there- they invited Rose to stay with them while I was away. 22 Fri[day], Called at North Lane on my way to the Museum and found Father in bed with Rheumatism. At noon Rose came down with me and went to Fallowfield. At 4.10 I left Leeds with Roebuck for Skipton but somehow we seemed to be going wrong all along no one warned us [111]

at Shipley So we got on to Bradford. here we had half an hour to wait & called on West but he was out. At 5.15 we left Bradford by a train which we were told went to Skipton, and we got there quite right. We were met by Mr. Tiddeman and had 10 minutes with him discussing the Geol[ogy] of the Horton district At 5.56 we were put into a train for Settle but found ourselves passing [112]

April Giggleswick where the train did not stop, passed Clapham & on to High Bentham the first stopping place. On alighting we were told that there was a train for Giggleswick in 3 minutes, we landed at took the Ashfield Hotel 'Bus for Settle heard that Mr Brockbank had been to the hotel, but not finding us had gone again - however he soon came back and [113]

while we were indulging in a much needed chop. Called his followers together about 8.0 O'clock our conference commenced besides Brockbank there was present F.E. Atkinson, Dr Buck, & Brayshaw. We discussed the meeting at Horton & finished in good time for our train at 9.58 and arrived in Leeds at 11.5. thence to Fallowfield where I stayed overnight. [114]

April 23. Sat[urday]. Wrote Chaloner re[garding] Spur winged Goose. Had dinner at Fallowfield & while all the family went to Hamilton's. At 3.30 I attended Executive Meeting of the Y[orkshire].N[aturalists'].U[nion]. at which the main business was the transposition of the dates of the Withernsea & Barnard Castle excursions After tea Rose and I walked to Horsforth by Far Headingley it taking us 1 h[ou]r 10.m[inutes] from Fallowfield. 24 Sun[day]. I met Wilfred by train at Horsforth [115]

Station at 7.30 am. We had breakfast & then he, Denny and self set off for a spin thro[ugh] Cookridge, Arthington Bank and Adel. This was my first country walk this season. Saw Redstart, Found clutch of 4 Lapwing's eggs. Returned to dinner at 1.30. Spent after- - noon indoors. In the evening we strolled into the wood and I found nest of Missel Thrush with well- feathered young birds also nest of [116]

April Song Thrush containing a single egg. Wilfrid<25M> walked home in the evening. 25 Mon[day] I came down to town with Denny by 9.9 train leaving Rose to follow by 10.31 to Armley Sta[tio]n found dead Shrew on road near Newlay 26 Tues[day]. Stayed at the Museum for Council meeting of the Phil[osophical Soc[iety] at 5.027 Wed[nesday] Fortune called & told me that he had obtained Triton palmiped in large numbers at Harrogate [117]

&[and] promised to send me some, and also T. cristatus. In the evening I went to 42 North Lane for some small things which had been left &[and] Rose went to Miss Barnes while I looked in at No. 25 took away some of my music &[and] also the mitre-block. Asked Alice to tea tomorrow. Father had got the frame for the picture which he is painting for us, it cost him 15[shillings]/- &[and] I paid 10[shillings]/- . [118]

April 28 Thur[sday]. Wet day I spent noon in town instead of going home. Visited Public Library Saw Zoologist &[and] found in the April number that J.J. Weir had returned to the question of Albinism &[and] pink eyes. Alice &[and] George came up after tea, and he arranged to make two brackets to support the Stationery Cabinet on the table. I plugged the wall and hung the book case which he had given us. Made some small frames.²⁹ Arranged with Roebuck [119]

to go to Horton tomorrow by 5.41 train from Armley.³⁰ Sat[urday] Left Armley at 5.41am, changed trains at Shipley where Roebuck joined me. Went forward to Horton in Ribblesdale and arrived at 8.10. Into the village and left our togs at the Golden Lion. Walked down the left bank of the Ribble to Studfold &[and] set our aneroides by a bench mark at 749. On our way we saw several Yellow Wagtails very many Sandpipers [120]

April A Reed Bunting and a dead Moorhen &c[et cetera]. Returned to the Golden Lion by the road &[and] passing through the Church yard (the Church porch is Norman) Called on Mr John Foster at 10.0 After discussing our business he took us to a shed where the Manchester Angles conduct Trout hatching operations. We went forward to Douk Ghyll. A crag like a miniature <for> Malham Cove tenanted by colonies of Jackdaws and starling I was [121]

surprised to see a very large flock of Fieldfares, they were in a small copse &[and] although I several times drove them chattering away they always returned after a short interval. Foster said the Dipper built there every year but although I found old nests I did not fall in with a new one &[and] did not even see a bird. We all returned to lunch with Foster at 1.0 he has some mounted birds &[and] animals in- [122]

April -cluding, Peregrine &[and] Raven from Pen-y-ghent also Buzzard &[and] a bird which appears to be Apivorus also from Pen-y-ghent. He has a Marten obtained on Ingleborough "Several" years ago. At 2.20 Roebuck and I started off for our climb. Crossing some fields we struck the road up Horton Scar &[and] over the fields to Hull pot a large chasm down

which Hull pot Beck loses itself. Passing S[outh].E[ast]. we next saw Hunt Pot- a narrower but [123]

much deeper "Pot". then going due E[ast] we started our climb keeping near to a wall which we had seen running from the bottom to the top. We struck the snow at feet &[and] in some places it was 3 feet deep just bury- -ing my walking stick After a stiffish climb we reached the plateau. &[and] then made for the northern point at 2231 feet. We had seen several Grouse &[and] Curlew but no trace of eggs In the valleys we had seen Wheatears but [124]

April they did not appear on the mountain. We kept a sharp out-look for Dunlin &[and] Golden Plover but they were not on view. We now moved south along the plateau to the high point 2273 feet easy from out attained elevation, the day was gloriously fine &[and] we had a splendid view of the surrounding hills. Ingleborough being as usual the most prominent feature I consider the view finer from the N[orth]. (the lower point) than [125]

from the real summit Before starting Foster had pointed out to me the exact spot where the Peregrine &[and] Raven breed and I had had no difficulty in seeing it through the glass. At the same time I had selected a place where there was an unbroken run from top to bottom most of the other places being interrupted by immense scars. It was now my wish to hit this place &[and] was fortunate in doing so easily. [126]

April We commenced the descent and as a rule I was able by the help of my stick to keep upright but Roebuck not considering this safe, came down in honey-pot fashion- In passing the Scars I marked the place where the Peregrine &[and] Raven breed but did not see either the one or the other. &[and] was too far away to see any signs of "white wash". At length we reached the bottom in safety. We made for Horton by land [127]

marks which we had selected when on higher ground I "struck" a hawk trap, and I had also stuck one before on our way to the mountain, both quite recently set. Took a Bee line to Foster's house, and after a hurried cup of tea rushed to the station &[and] caught the 6.30 train for Settle. Arrived at 6.48. Called on Mr Brockbank who took us to interview the Misses Thompson, went to the station on the [128]

April slender chance of getting the 7-26 train but it had gone. Walked on to Giggleswick &[and] saw the Ebbing &[and] flowing well but although it had been working well a fortnight ago. it was not now in order it is an ordinary looking trough by the road side, and at each

side of the trough there is a hole the size of a penny &[and] when in order we were told that a thread of air connects the two [129]

under the water but if touched the con- -nection is broken &[and] the air rises in bubbles. The ebb &[and] flow takes place about every 5 minutes. After noticing the famous scar we sat down &[and] had a chat up at 9.0 and made for Settle Station which we left at 9.52 Stopped only at Keighley &[and] Skipton at which latter place our tickets were taken. Arrived in Leeds about 11.0 and I got into a train [130]

May. standing on the platform which took me to Armley. May 1. Sun[day] Spent the morning in writing letters &c[et cetera] re[garding] Horton Excursion. After noon Rose &[and] I called at Lawnswood and then went to the Reformatory where we had tea &[and] spent the evening. 2. Mon[day] Paid half rent of No. 42 £[pound]2-2-6 the other half to be paid by Denny. 3. Tues[day]: The Misses Barnes spent the evening with us. Attended Annual Meeting of Phil[osophical] Soc[iety] [131]

4. Wed[nesday] Wrote Mr. Paul. Rose went to Fallowfield in the afternoon and they sent for me to tea. Spent the evening there. 5. Mein geburstag - Fanny &[and] Wilfrid called at the Museum the former gave me 2 large photos of Amiens Cathedral which had belonged to Hailstone &[and] the latter a tie. Letter from N. Beale. In the evening CS &[and] Miss Irvine came to see us &[and] remained bis SchliesBen Gnit. 6. Fri[day] Left Leeds with Roebuck at 4.30. [132]

May Stopped only at Har- -rogate, passing through Ripon, Thirsk, Northallerton until we reached N[orth]. Stockton where we changed for Middlesbro[ugh]' arriving at 6.38. Here we were met by Mr. Thomas. We had tea at the Albany Rooms Called at the Lit[erary] and Phil[osophical] Soc[iety], &[and] then to Dr Veitch where we found Baker Hudson. talked over arrangements &[and] decided to work the Greta on June 6th We were told that a train left at 9.22 for Darlington but [133]

When we got to the station found it had gone at 9.7. After sending a telegram to the Kings Head at Darlington we returned with Dr. Veitch and waited until the 10. .53 train by which we departed, and on arriving at Darlington found that the King's Head was being re- built. but the same people had the North Eastern Hotel where we found my telegram. Here we had travelled over the site of the oldest line in the Kingdom [134]

May 7. Sat[urday] Up at 6.30 Roebuck came down late & had just time to feed before the train at 7.5 for Barnard Castle. I had previously written to Dr. Mansen at Darlington. On arriving we called at the "Kings' Head" & then walked to the Bowes Museum, a palatial structure, worthy of a better site. The Curator Owen Stanley Scott was not yet abroad. passed along the left bank of the Tees. I [135]

saw a bird flying which I could not make out. After it had alighted on the ground I saw it was a Landrail and it confirmed my diagnosis by "craking - out" passed over the Abbey Bridge for which we had to pay 1[shilling]/2[pence] each for the privilege of getting into our own county. We went a short distance back along the right bank to Egglestone Abbey which we had seen from across the river A notice board stated [136]

May that Dancing was not allowed & that refreshments were not to be taken within the grounds. Roebuck suggested that C. Monedula should drop in for it not only for taking in comes-tibles but also for defilement which owing to the larvae number of occupancies was copious. One grey pate took into its hole 3 feet of string to which a fairly large stone had been tied the string was taken it [137]

but the stone was left dangling outside the nesting sites were shared by S Vulgaris & P domesticus. Turning toward Rokeby we passed along close to the river bank and over the greta. Looked in at the Morritt Arms arranged for tea & c[et cetera] on the Excursion & then visited Mortham Tower to the top of which we strode, the view is not particularly striking. I now wanted to be "South of the "gate on arrow flight" & soon found the [138]

May beautiful tomb "carved o'er in Ancient gothic wise with many a scutcheon & device" Roebuck got inside & after turning over some stones for slugs & c[et cetera] declared it to be "no good" [sketch] We now turned our back on the Tees and went up the left bank (right side) of the Greta towards Brignal Banks past [139]

Brignal Old Church swallows in plenty Also saw, Whitethroat Muscicapa Grisola Rutililla, Perdix, C oenas was common along both Tees and Greta Brignal Banks are without doubt, Primroses were in profusion together with myosotis & Viola canina. A Heron left the stream very close to us. Saw an immense flock of Fieldfares. Saw plenty of lambs, it seems that kittens and Lambs are the [140]

May only creatures which don't improve with age. Sheep are not beautiful and I don't like - Cats - Dog Horses & Cattle are right enough but Puppies foals and calves are not

handsome. Left the stream & climbed the bank to the top past Lily Hill, saw *L. timidus* - Roebuck suggested an orange would have been nice but there being no orange groves about & no shops within several miles we had to be content [141]

with nature's beverage. Rising from our ventral surfaces we passed on. Meeting a maiden fair I asked her the way to Barnard Castle and learnt that if we went forward into the road and turned to the left we should come "tur a stone" and soon after a bridle path on the right would lead us straight "int[?] Barney" We reached the road [142]

May which we found to be the Roman Road marked on the map, the stone was a mile stone but so defaced that only the word Bowes was decipherable & Roebuck suggested it too was a relic of the Romans & a "rum un" too whereupon I proposed that we should "roam on" By the map we struck for Egglestone Abbey & on arrival I made a sketch [143]

of the ruin. Paid our halfpence and passed over the bridge into the County of Durham again. Called at the Bowes Museum. Mr. Scott "out". Walked on to Barnard Castle & had some slight refreshment. Enquired at Kings Head re[garding] conveyances &c[et cetera] and learnt that Dr. Brass of Bede Terrace was a naturalist, called but he was out Left at 3.30 for [144]

for Darlington but not knowing that there were 2 Stations there we got out at North Road and had in consequence to walk through one town to the North Eastern Hotel after a wash we walked on to Dr Mansen to whom, in the morning I had written, he returned with us and we met Geldert a Bird stuffer &c[et cetera] to whom the Dr. made us [145]

known and he went off to visit some patients. Geldert address is 51 New Park Place Darlington he had several local things incl[uding] *™*,[male] *™*€[female] *M. foina* killed at Calkill Darlington 1884. Adder Killdale 21.vi.[18]87. *S. aluco* Darlington. [18]86. and Pine Marten Westmorland 1886. I bought 5 mounted larvae from him @[at] 4d[pence] each viz[videlicet = namely] *Elpenor*, *Medea*(= *Blandina*) [146]

Pamphilus, *Galathea* & *Plantiginis*. We returned to our Hotel had a much needed tea, and left at 7.3. After seeing the old Engine which is kept in beautiful condition & stands in the Station at Darlington. I dismounted at Headingley arriving about 10.0 pm. Rose had spent the day at Fallowfield [147]

8. Sun[day]. Went to Museum in morning to take the weather. Foster had sent me a *C. monedula* from Douk Ghyll. In the afternoon Rose & I went to Horsforth to visit Mr & Mrs Denny. I found *A. agrestis* dead in the wood. Letter from R Fortune to say he was sending me some newts by rail to- morrow. [148]

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