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Parentheses are used when they are part of the original document and square brackets are used for insertions by the transcriber

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]
- Words that cannot be transcribed [?]

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Feb[ruary] 1889 12 11th

Went into Mawson's fields &[and] shot at a rook which I missed directly after I saw a policeman tearing across the field. I then shot at a small flock of redwings &[and] brought one down - the "Bobby" came up &[and] asked me if I had leave to shoot there &[and] then asked me if I did not mind giving him my name I gave him my card &[and] he told me that [1]

several complaints had been laid about some one shooting on Sundays &[and] asked if I ever did so I told him no but that I had also heard them. he came from Norfolk &[and] spoke about Lord Walsingham &c[et cetera] &[and] his ducks. Set the trap cage &[and] caught an Accentor modularis. it had been snowing all day yesterday &[and] also this morning went into the Market and being near the end of the [2]

Feb[ruary] season I brought a Shelduck [female] 2/3 Scaup ,[male]. 1/- &[and] Wigeon ,[male] 1/3. The Shelduck I bought in a ship in Kirkgate. Went to Lennox &[and] got the paper wh[ic]h I had ordered on Friday &[and] bought this note book. 6d[shillings] JA Reid called &[and] asked me to tea tonight. After tea went to College - German &[and] then came straight home did not go to L[eesds] N[aturalists'] C[lub]. When I got home I found 5 Blue tits had been caught [3]

in the trap cage they had killed 4 &[and] kept the other alive 12 Wrote Mr. Paul &[and] NB-Drew &[and] Partly painted Gadwall 1.[shorthand notation] Another Blue tit caught I took the 3 to the Museum including one caught on the 13th 13th Finished Gadwall and Commenced Hooded Merganser. Attended Publication Committee of L[eesds] N[aturalists'] C[lub] &[and] took the [4]

Feb[ruary] [18]89 Minutes. Business Vol[ume] II Transactions I was appointed Editor of the Biological Section 14 Finished Hooded <Goos> Merganser painted White Eyed Duck &[and] commenced <Common> Velvet Scoter. Miall called at Museum &[and] expressed himself very well satisfied with what I had been doing. Went thro[ugh] the Museum &[and] picked out some things which required looking at - [5]

including the entire overhauling of the Bird families which he said Clarke had crowded - Called on Branson &[and] we went to see Taylor as delegated by Publication Committee of L[eesds] N[aturalists'] Club Saw Burgess who told me the state of his business. 15 Painted Velvet Scoter did not go to Chironomus at night. no meeting - 16 Went with Nelson to see Branson re Conchol= x[6]

Feb[ruary] Section of L[eesds] N[aturalists'] C[lub] - Painted Goosander from Grove Mill specimen. In the morning 1 shot 2 Redwings one of which I gave to Grassham Mrs Longbottom came from Manchester by a half-day [e]xcursion 17 Painted Red Breasted Merganser - went to H[eadingley].H[ill].C[ongregational].C[hurch]. in the Morning but as Burgess came to tea I did not go out in the evening 18. German Class - [7]

afterwoods went to L[eesds] N[aturalists'] C[lub] Meeting Medical School. Practical work Prof[essor] Birch - took Miss Green in the morning to JC Birch re[garding] here teeth she met me at night coming home from L[eesds] N[aturalists'] C[lub] 19 Painted Amer Wigeon Lecture of Phil[osophical] So[ciety] at night Canon Tristram on the Canary Islands shot a [female] Blackbird in the morning. bought a Willow Grouse in the [8]

Feb[ruary] Market for 1/3d <20> Miss Green went to Ilkley today for a fortnight &[and] as I had never walked there I said I might trot over on Saturday. 20 Painted Stellar's Western Duck. After doing my customary evening's work I went on to Asquiths for a change. Wrote part of the article on the mole for Cork Grammar School May [9]

Grassham gave me the sternum of a long-eared owl. the bird sent from Bishopswood 21. At night went for a walk [shorthand symbols] through the Park. [shorthand symbols] [shorthand symbols] Ilkley [shorthand symbols] [shorthand symbols] 22 Painted King Duck did not go to Chironomus at night but finished my 3rd contribution to Cork Grammar Sch[ool] Mag[azine] "the Mole" & wrote to [10]

Feb[ruary] [18]89 Mr Harvey went out in the <s> morning &[and] shot a rook - just in time for my demonstration on Monday. 23 letter from Miss Green I wrote &[and] told her that I would take 1.17 train to Arthington & walk from there to Ilkley & probably arrive about 4-0. arrived at Artington at 1.32 & then walked on to Ilkley thro[ugh] Pool Otley &[and] Burley arriving [11]

at 4-10 went to the Grove & after tea had a short walk with Miss Green &[and] her cousin &[and] left at 8.45 for Headingley in walking I saw large flocks of Starlings Lapwings &[and] Redwings. Weighted in Overcoat at H[eadingly] Station 10'[stone]-9"[pounds] 24 H[eadingly].H[ill].C[ongregational].C[hurch]. in the morning commenced Common Scoter in the afternoon went to Adel &[and] stayed tea at the Reformatory Mr Twigg lent me Lubbock's [12]

Feb[ruary] [18]89 Metamorphoses of Insects I had borrowed the one by Duncan a day pr 2 ago for Prof[essor] Miall &[and] got this also for him I had lent Miall. My Woods &[and] Cassells Natural Histories &[and] also Prachet's "Universe" 25. German Class &[and] then gave my demonstration at L[eeds] N[aturalists'] C[lub] skinned the rook before a moderate attendance exhibited Photo[graph]s of Mummies &[and] [13]

mummies of crocodile &[and] Ibis from the Museum at home I caught a mouse as it ran across the kitchen floor it was rather "Sharp practise" no meeting of German Class next Monday &[and] no Chironomus on Friday Miall being out of Town Sent 1/- for Postage of White hare to Bucklow I gave the body to Mr Grassham for Carriage money - [14]

Feb[ruary] [18]89 26 Took Conchological &[and] part of Zool[ogical] Records of L[eeds] N[aturalists'] C[lub] to Miss Smithson Queen's Sq[ua]re for Type writing 1/3 per 1000 words - Shot in own garden a Thrush &[and] a Starling. Gave Thrush to R.G. 27 Went in to Park &[and] shot a Mag[pie] a wretched specimen not worth Powder &[and] Shots. Saw several

Bullfinches in Hartley's Nurseries I asked a workman if I might shoot 1 or 2 he said Hartley wouldn't [15]

like them shooting. Finished Common Scoter. B[ought] Life of an Insect &[and] Goldsmith's Birds for 1/5½ from Symmington. 28 Saw the Bullfinches again last day with the gun did not suit the barrells\*[barrels]. I have been out at 5.30 every morning for some weeks &[and] up at 5.15 all winter with a few exceptions when I did not go out I usually did my German [16]

Feb[ruary] painted Ruddy Shellduck took home a Show cage without a glass &[and] fitted up in my room for sternums which I removed into it. March 1. Miall being out of town no Chironamus to night. Painted Buffel Headed Duck went to see Scott in the evening he gave me some Mt Cartridge cases. 2 Left Museum with Grassham at 1-0 took [17]

train to 3 Horse shoes &[and] then on Weetwood Lane to the Cross Roads on road to left passed the Farm &[and] then to the left past Jacksons shooting box to Arthington went along the river side under the Viaduct to Pool here on turning a bend of the river we started a Kingfisher Dipper &[and] Waterhen came back thro[ugh] Bramhope &[and] called at the place where I [18]

March seen the bullfinches but did not see one landed home about 7.0. Letter from Miss Green Ilkley to which I replied. 3 Did not go to H[eadingley].H[ill].C[ongregational].C[hurch]. in the morning but painted Surf Scoter went into the Park in the afternoon but as with yesterday I did not see the bullfinches where I had seen them before. H[eadingley].H[ill].C[ongregational].C[hurch]. in the evening &[and] afterwards a short [19]

walk with Miss B Green 4. Attended Council Meeting of L[eads] N[aturalists'] C[lub] at 7.0 &[and] Club Meeting at 7.30 Demonstr[ated] on Substage Apparatus of Microscopes. Phil[osophical] Hall Miss Green came from Ilkley. 5. Attended adjourned Council Meeting of L[eads] N[aturalists'] C[lub]. at Addyman's Office 2.30 re[garding] Redcar Excur[sion]: Commenced Barrow's Golden eye. Had a short walk with Major Green in the evening - Rev[erend] J.G. Wood died today. [20]

M[ar]ch 6 Called to see Hy Wilson at the Bank he showed me some of his specimens &[and] lent me Meyer's Brit[ish] Birds for illustration of Bimaculated Teal. Paid Mrs Smithson for Type writing. Gave Lennox an order for 1000 Bird Tickets. Finished Burrow's Goldeneye 7 Commenced Bimaculated Duck Grassham took his skins home as the cabinet is overcrowded his father is making him one. [21]

took tail of Lyre Bird belonging to Mr. Reynolds to be phot[graphe]d at Ramsdens 8 Finished Bimaculated Duck spent an hour in the morning with Hy Wilson at the bank. I went to College. Chironomus at night Walker said that Miall had told him a month ago that I had already done a good years work at the Mus[eum]; &[and] he didn't know how I had managed it, he [22]

M[ar]ch said I should make a splendid curator. 9. Got Bird tickets 1000 from Lennox 3/6- Commenced (Aix sponsa.) Summer Duck arranged with Grassham to walk to Bostin Spa tomorrow the snow which fell yesterday was .80 inch &[and] it has been thawing all to day some it will be watery tomorrow had a walk in the evening with Miss G[reen] to the Abbey [23]

Spent Lane &[and] home again 10 Left North Lane at 6.20 called on Grassham in Liffhouse Place. We went thro[ugh] Roundhay &[and] along the Wetherby Road past Shadwell &[and] on to Bardsey where I saw a dormouse sitting under a hedge. I saw 6 or 7 dead blackbirds on the road side along the route some of them partly eaten we made our way to Collingham [24]

M[ar]ch &[and] a boy gave me a ,[male] Thrush wh[ich] he had just shot. We then went on to Boston Spa &[and] as this walk was made as my first conchological excursion I picked up H. aspersa &[and] nemoralis &[and] <hortensis> On reaching Boston we went down to the Spa House &[and] had a walk. Coming back I called at Kenoreus & spent 20 minutes with Aunt Jipling. I called saw a weasel at Boston [25]

at Nelson's but did not go in. After reaching 4 cross Roads we went to Wetherby Where I got H hortensis and we then passed through Collingham &[and] returned along the Wetherby Road at Bardsey I shot an a Modularis. Grassham got a B[loody]nose beetle. I landed house at 7.35 after a walk of 33 miles - <Leeds> Headinglay to Leeds 2 [26]

M[ar]ch. Leeds to Boston 13 Boston to Wetherby 4 Wetherby to Leeds 12 &[and] Leeds to Headingley 2. = 33 11. Painted at Aix Sponsa Grassham gave me the Robin he had shot at Boston. to German Class in the evening but not to L[ees] N[at]uralists' C[lub]. A walk on the ridge <wit> [shorthand symbols] 12 I JB lent me Newman's Butterflies & Moths. I spent dinner time with Burch examined a Human [27]

head which he had been dissecting at the Medical School &[and] chatted about spending our holidays at Paris bought a Ptarmigan (*Lagopus mutus*) in the Market for 1/3[shillings/pence]. There have been very large numbers of Willow Grouse in the Market this season but I have only seen 3 Ptarmigan one of which Grassham got, another I bought [28]

M[ar]ch today &[and] the 3rd. a poor specimen. 13 Finished Summer Duck the last specimen I have access to I have drawn 32 in all. the only one not drawn from Nature being the Bimaculated D[uc]k went to 6th Popular Concert at Coliseum with Father Violins Joachim &[and] Marie Soldat Viola Gibson Violoncellos Hausmann &[and] Smith <Smith> Fanny Davies Soprano Miss Fillunger [29]

tomorrow is the fiftieth anniversary of Joachim's first appearance in Public. 14. Received £[pound]1-1-0 from Royal Exchange lu for Meteor: Chart: In the evening [shorthand symbols] [shorthand symbols] 15 Called on Mrs Jas Hartley re[garding] Fred: The Misses Green came to the Museum to see the Turtle Doves &c[et cetera]. Paid Roebuck 5/- for Pearson's Sub[scription] Drew in Crayon 5 nests for Demonstration on 1st. prox[?]d [30]

M[ar]ch attended\*[attended] College (*Chironomus*) at night. Miall went away early &[and] left Walker &[and] myself. 16. Went out in the after noon for a walk with Miss Green to Kirkstall Spen Lane past Quakers' Burial Ground where I shot a ,[male] Blackbird Crossed otley Road to the Old Otley Road & through Meanwood Wood home. I saw large flocks of Chaffinches Yellow Ammers & Starlings. Missel thrushes passing in [31]

Monkbridge Road 17 H[eadingley].H[ill].C[ongregational].C[hurch]. in the morning &[and] left at 2 in the afternoon with Miss Green for New Leeds We went passed the Old Windmill &[and] Potternewton Lane called on Mr &[and] Mrs Mann &[and] had tea with them we also called on Mrs Barker. yesterday Mr Little sent me a Creeper from Penrith ,[male] 18 The turtle Dove laid an egg. RG gave me [female] F coelebs which he had [32]

M[ar]ch shot at Collingham. called to Lee Scott in Albion St. Attended German class but not L[eesds].N[aturalists'].C[lub]. "Practical work". 19 Turtle dove laid the second egg. Called on Birch &[and] Roebuck took Nichols his camera back. Wrote to Clarke. 21 When coming home from the Museum I saw three <large> gulls flying over the Oak due north - they seemed to be about [33]

the size of L canus - at night I had a stroll thro[ugh] the park.[shorthand notation] 22 Father brought me Picus major which Gervas Beckett had sent from Nun Appleton. it <was> is a very dirty specimen. 23 Attended Chironomus meeting at the College &[and] discussed the advisability of taking the development of the chick by way of change <23> Mr Gurnell called at the Museum he has [34]

M[ar]ch been transferred to the Leeds district. I now intend to see what I can do at careful drawings of birds &[and] today commenced the Fieldfare. Called on Scott who lent me the first part of "Lord Lilford" as it contained the turdidae from which it may get a wrinkle or two. 23. Painted at T. pilaris had a walk to Meanwood &[and] shot a blue tit. [shorthand notation] [35]

Saw a young leveret in the market the first I have seen this year- called on Branson and Walker &[and] arranged to meet at Branson's house on Wednesday at 7.30 re[garding] publications x. WHWW &[and] Miss Bowling here at night I was out .[shorthand notation] 24. H[eadingley].H[ill].C[ongregational].C[hurch]. morning &[and] evening in the afternoon W Ramsden called &[and] we went for a walk called at the Reformatory (&[and] left a book). over Blackmoor [36]

M[ar]ch. thro[ugh] wh[ich] they have just driven the new tunnel &[and] built a brick shaft - over the fields to Scotland Mill I shot a Yellow-ammer. 25. Attended German class no lesson next week, this just suits me as my demonstration at the Club is on the 1st Ap[ri]l. afterwards went to L[eesds].N[aturalists'].C[lub]. Meeting - Marsh on Variation in Lepidoptera. took 2 pairs of boots to Pindex to sole 26 Aire &[and] Calder Nav[igatio]n Co[mpany] [37]

sent 10/6 Ack[nowledgement] for 10 years rainfall I got ½ of it for getting out the information - At night I had a walk [shorthand notation] to Bramley Newlay Woodside Spen Lane Far Headingley 27 Had tea with JA Reid &[and] then went on to Mrs Branson's house where I met Walker the 3 of us commenced operations on the Minute Books for Vol[ume] II of the Transactions I was asked to give an [38]

M[ar]ch extense report on my feet of birds &[and] to provide a plate &[and] also to have Minute book for 1886 set up in Type writing 28 Wrote to Ernest Beckett for permission to collect in the Park. Went for a walk in the evening [shorthand notation] past the Abbey. Spen Lane &[and] thro[ugh] the Park home 29 Went with Branson to see Taylor re[garding] Trans[actions] Conchological he was out did not go to College [39]

at night (Chironomus) as I felt rather sickly young Gudgeon gave me a ,[male] Chaffinch which he had shot. 30 Letter from Ernest Beckett giving me permission to collect in the Park I ack[nowledged] receipt of it. In the afternoon I went into the Park [shorthand notation] &[and] shot 2 Blue tits &[and] a [female] Chaffinch but lost them all. 31. Did not go to Church [40]

M[ar]ch - April in the Morning went with Mr Mrs Waite and the Misses Green to Wyther Muss Green &[and] Self prolonged the walk to Armley &[and] home by the canal. to H[eadingley].H[ill].C[ongregational].C[hurch]. in the evening. April 1. No German Class I took Miss Green to L[eads].N[aturalists']. Club Meeting to Phil[osophical] Hall Exhibition &[and] Demonstration I first gave then  $\frac{1}{4}$  h[ou]r on Bird's nests &[and] then Addyman had to talk so long as usual (diamtoms\*[diatoms]) that Stubbins [41]

(Insects) &[and] Kirky (Seeds.) were almost crowded out. I exhibited the Museum nests &[and] some crayon drawings Wh[ich] I had prepared for the occasion 2. Found one of the Turtle Doves eggs hatched this morning the other had not hatched up to 5.pm 3 The other egg had not hatched this morning &[and] at night I opened the egg &[and] found the young one dead the yoke sac not being quite absorbed - I had [42]

arranged to meet Branson &[and] Walker to night at the formers house but called on them both &[and] put off the meeting. Walker would call on me re[garding] the report of Mondays meeting of the L[eads].N[aturalists'].C[lub]. <4.> Grassham gave me a ,[male] Cole tit which he had shot at Roundhay 4 Commenced to write my lecture Flight of Birds in "Lecture Book". Miss Green brought me some [43]

little note books in a case from Bradford. Commenced to paint the Hoopoe from stuffed bird 5 Went to the College &[and] we took for a change the chick, cut up & mounted 3rd day's embr[yo] 6 In the afternoon I went into the Park [shorthand notation] and climbed 2 "Rook" trees out of the first tree I got a clutch of 5 and some odd eggs the second did not contain [44]

a full clutch &[and] in coming down a branch tilted my pocket and precipitated the box &[and] contents below, at night I had a walk [shorthand notation] to Kirkstall &[and] home by Spen Lane. 7 Did not go to H[eadingley].H[ill].C[ongregational].C[hurch]. but spent all morning &[and] part of the afternoon at my Flight of Birds which seems to require the title altering as I have gone in for [45]



comparing Vertebrates in respect to modifications fitting them for life in the air on the land & in the water. H[eadingley].H[ill].C[ongregational].C[hurch]. in the evening 8  
Photo[graph]ed Climbing Perch Crocodile & Flying Fish letter from Wakefield re[garding] my  
lecture I replied & asked for a lantern. German Class &  
L[eesds].N[aturalists'].C[lub]. Meeting Branson on Interference of Light 9 Mr Bland called to  
[46]

see me. Photo[grape]d Penguin Whale Flying Phalanger & Jerboa - all from either  
Wood or Cassells as were those taken yesterday. Paid over to Roebuck £[pound]15-17-3  
Y[orkshire].N[aturalists'].U[nion]. incl[uding] my own Sub[scription] minus expenses Storey  
sent me a [female] Glaucion clangula from Fewston got Frames for Fieldfare & a  
companion from Armitage 2/6 each oak & 2 mounts 10½ each. [47]

yesterday I bought a doz[en] each of ¼ plates & lantern plates from White 2/- &  
also Iron & Pot[tasium] Oxalate 7d[pence] Council Meeting at  
L[eesds].N[aturalists'].C[lub]. at 4.0 Only Addyman Marsh & Myself turned up so we had  
to postpone until Friday. developed my slides which were not successful. 10. Called at  
College to see Miss Ramsden and also Prof[essor] Miall he [48]

lent me some slides & gave one Slide of Common Buzzard Roebuck called &  
during conversation he said he would be pleased to propose me to Linnean Society when I  
become a little better known & would give my full position on the list of  
Y[orkshire].N[aturalists'].U[nion]. members which is shortly to be printed Made slides of  
some of my 300 Photos. [49]

11 Latter from Wakefield a lantern will be provided on Tuesday 12 Called at Reynolds and  
Bransons' re[garding] Ground Class Lantern slides I bought a doz[en]. 1/- & Branson  
lent me an article on it. I made some drawings & at night went to College Miall coated  
my plates for me with Balsam & suggested that I s[houl]d alter 2 of them - The whale  
spouting with its blow [50]

hole out of water which it never does & a tadpole which I redrew from a living specimen  
I now broke off my Friday night Engagements until Oct[obe]r brought home slides of Chick  
attended L[eesds].N[aturalists'].C[lub]. Council meeting at 5.0, had tea with Birch before going  
to College 13 At 1.0 Mr & Mrs W[aite]. The Misses G[reen] & Myself went to the Art  
Gallery Col North's immense pictures 600 f[ee]t [51]

of canvas each. Gave Miss G[reen] My drawing of Picus minor it being her birthday &  
at night went thro[ugh] the Park 14 H[eadingley].H[ill].C[ongregational].C[hurch]. in the  
morning a walk [shorthand notation] in the afternoon thro[ugh] Bramley Newley & c[et cetera]

&[and] to Headingley Church at night 15 Finished lantern slides letter from Chapman asking me to have tea with him tomorrow replied will leave at [52]

4.35 for Wakefield No German Class did not go to L[ Leeds ]. N[ aturalists ]. Clubs Pocklington an Micro= Photo= [ shorthand notation ] 16 Entirely altered my plan of Lecture for to night - giving it the little of Flying Walking &[and] Swimming. I left at 4.35 and had tea with Chapman went to Saw Hotel &[and] gave the Wakefield Nat[ uralists ' ] Club the Lecture [53] illustrated by the lantern they asked me to visit them again soon and give Migration of Birds left at 9.38 for home 17 Wrote Sec[ retary ] Wakefield Na[ turalists ' ] Club. Did not go to German Class [ shorthand notation ] had dinner at Fallowfield Terrace 18 Met Woodward of the B[ ritish ] M[ useum ] &[and] went to hear at the P[ hilosophical ] Hall on Old Bones. 19 Good Friday. First noticed the Missel Thrush at work at the old tree in North Lane [54]

April took tickets at Kirkstall for Miss Green &[and] self to Ingleton per Excursion we found there - Miall &[and] Davis &[and] their sons- Bedford Bingley &[and] Woodward- (the lecturer in Thursday) As I did not know the district Davis suggested that we should go with them to Clapham &[and] walk over Ingelboro[ ugh ] to Ingleton when we got within sight of the mountain we found the top enveloped in [55]

cloud &[and] so changed our course The 2 Mialls &[and] 2 Davis' went to Gaping Gill - Bingley photo[ graphe ]d in the district while we were joined by Bedford for Ingleboro[ ugh ] Cave. it runs for about ½ mile &[and] is the first thing of the kind I have seen One part necessitates our almost crawling attitude but most of it is easy to travel - the stalagmites when struck [56]

April emit a sonorous sound &[and] several of them were tuned into a a regular progression the reflection of stalactites into the water looked very pretty in one place. Bedford pointed out most of the peculiarities. We returned to the New Inn at Clapham &[and] had dinner after which we started for R &[and] saw the wonderful silurian blocks perched on [57]

Limestone, this was rather rough work &[and] we returned to Clapham by Austwick. I saw some snipe &[and] wheatears the other party walked on to Settle. We left Clapham at 6.55 and arrived at Kirkstall at 9.0. 20 To Museum in the morning in the afternoon I went into the Park &[and] found 2 Blackbirds' nest nearly complete [58]

April 1 Thrushes &[and] saw a thrush sitting on eggs. shot a ,[ male ] Chaffinch. <21>Father went to Goathland to day. I noticed the younger pair of Doves had paired so I made them a nest &[and] letter from Cork - Harvey is going to be married on Tuesday there will be no

Magazine until June 21. H[eadingley].H[ill].C[ongregational].C[hurch]. in the morning - rained in [59]

the afternoon <[?][?] [?] [?] [?] [?]> <[male]> and in the evening 22 Went into the Park early in the morning &[and] shot a [female] chaffinch and a Blue Tit a thrush wh[ich] I hit I did not get I saw a hawk (Kestrel?) hovering about but did not see it make for any nest Wrote to NB and to Strauss &[and] told him I could not attend the German Class until the [60]

April Autumn Session found the young doves had laid an egg. 23 Again went to the Park in the morning &[and] found a Missel Thrushes' nest partly made of "Hare &[and] hounds" paper - it contained 3 eggs I took 1. the bird sat very closely. the Thrushes' nest wh[ich] I had seen on the 20th contained an egg the other one is believe is deserted - I saw the pair of hawks this morning and marked more nearby [61]

where they might be nesting Made my barometer b[ough]t an old tube at R &[and] Branson for 6d[pence] the mercury I found at the Museum. At night I went for a walk [shorthand notation] 24 This morning I went into the Park &[and] found another M[issel] Thrushes' nest. the bird was sitting on the other one. I shot a <Chiff Chaff> willow wren I had to give it 2 shots as I only broke its wing &[and] it was getting away I also shot a modularis but lost it [62]

April surprised a robin with some grass in its beak I watched it for fully 10 minutes - being uneasy at my presence it hopped about between 2 bushes 6 yards apart &[and] at last it dropped the grass &[and] I went away. I did not see the hawks although I visited the locality twice Grassham gave me a [female] P domesticus which had been shot at Harewood. Attended Council meeting [63]

of L[eads].N[aturalists'].C[lub]. Gave in my list as follows- Zool[ogical] Room. Drawing of European Ducks. British Bird Skins "[ditto] "[ditto] Sternums Library Water color Drawings Hall - Photo of Tiger 25 Went into the Park did not see the Hawks Visited the places where I suspected the robins to be nesting &[and] found the bird on the nest which I could not see it being [64]

April beneath a mass of briars &[and] bracken did not disturb<e> the place as the bird will not yet have laid. T Walker of Hanover Sq[uare] brought an old Grey Parrot to Museum to ask who would stuff it for him. I sent it to Loten &[and] asked him to Return the body &[and] also to let me have any bodies which he did not want for paying carriage [65]

R Arthington had called at Museum 2 or 3 times about beetles &c[et cetera] &[and] as he was getting rather a nuisance I tried to put him off by writing &[and] inviting him to join the L[eesds].N[aturalists'].C[lub]. Excursion to Bramhope on Saturday knowing full well he would not spend the necessary 6d[pence] in fare he however turned up again to day &[and] thanked me for the invitation [66]

April he would walk to Arthington &[and] Back he said he never rode. Called on Wilson we went to Broadheads together - Branson &[and] Walker called at Museum Separately In the evening I called on Scott &[and] asked him to lend me his Walking - stick gun it was at Booths' in coming home I met WHW.W Miss Bowling &[and] Miss Fox I turned back with them [67]

&[and] turned again as far as Hyde Park. 26 Went into Park &[and] shot a W[illow] Warbler my Cat[apult] broke directly after. I saw the Missel Thrush on the nest &[and] scared it off very easily before it would not move until I got some way up the tree. I left it & returned in about 1½ hours, &[and] climbed the tree the bird was not on &[and] had evidently deserted [68]

April as the eggs were quite Cold she had not laid since I first took an egg so the nest only now cont[aine]d 2 eggs which I took I also took the four thrushes' eggs wh[ich] were deserted. did not visit the hawk locality. A meeting of the Phil[osophical] So[ciety] Council is called for Tuesday. I noticed on the agenda paper the business was. Annual [69]

Report &[and] Mr. Waite's salary I had heard nothing about it &[and] afterwards saw Miall who said he had talked over the matter with Mr. Reynolds At 4.0 I attended council meeting of L[eesds].N[aturalists'].C[lub]. I was asked to take charge of the excursion to Bramhope on Saturday. At night I finished Hoopoe and framed it &[and] the fieldfare - got my [70]

April ducks cut at Goodall & Guddick's. Wager called &[and] was sorry he did not get up to Headingley the other morning but would try &[and] do so tomorrow Yesterday I mounted the Lyre Bird's tail for Mr. Reynolds. 27 Wager did not turn up so I went to the Park alone. I found a Missel Thrushes nest containing 4 beautiful eggs similar [71]

to those I took in 1883 left Leeds at 1.5 but when the party (L[eesds].N[aturalists'].C[lub].) got to Arthington I looked out for the gentleman of that name &[and] was pleased to find he had not turned up - walked on to Bramhope over the tunnel to Horsforth I shot a w[illow] warb[ler]

but did not get it. I however secured a very clean [female] Chaffinch & saw the nest of one nearly complete took the train for Headingley Found blackbirds nest with one egg [72]

April After tea Mr & Mrs W[aites] & the Misses Green went to Lawnswood & I went after them in about an hours time. I met Arthington he had been to meet the excursion but having been wrongly directed he did not get to the station in time - he had walked both ways & kept me more than ½ hour. I went on to Lawnswood & found nest of Greenfinch nearly complete 28 Sunday went to the Park before breakfast as [73]

usual & found 2 Missel Thrushes nests the first contained 2 birds & 2 eggs & the second 4 birds well feathered. I broke the wing of a H[edge] accent[or] but it escaped among some laurels. H[eadingley].H[ill].C[ongregational].C[hurch]. in the morning. The Missel Thrushes egg which I found yesterday were well incubated excepting one which seemed quite fresh. For a walk [shorthand notation] in the afternoon & [74]

April - May another with Major Green & his daughters in the evening. 29 Took sternums to the Museum for the Conversaz[ione] Branson called & asked me to help them to send out the programmes so I did not go home to tea. Worked at correcting proofs & c[et cetera] at Addyman's Office until nearly 8. 30 Conversazione work pro- -ceeding with, went to College to see Miall with [75]

respect to an a/c[account] for repairing Museum roof he asked me to attend the Phil[osophical] Council meeting at 5.0 but afterwards I gave the information he required so did not attend. took cab to R Middleton's house at Gledhow & brought back his eggs. May 1. Got an extra ticket for Miss Belle Green - Conversazione at night took Miss Green also [76]

May [18]89 present Mr & Mrs Waite & Miss Belle Green I exhibited the ducks (sketches) my skins sternums, nests and drawings of the Hoopoe & Fieldfare. I also exhibited & described the following photo[graphs] thrown on the screen in the lecture Hall - Lyre Bird tail, Zoo Photo[graphs] - Flamb[o]ro[ugh] Ch[?]er & Tiger - Mr Husband told me that <?> £[pound]25 would be added [77]

to my Salary after 1st June next. 2 Mrs Legge asked me to ack as Steward to her Sale of work on June 5 & 6 I declined alledging that I should be at Huddersfield (The Y[orkshire].N[aturalists'].U[nion]. excursion is on the 10th & I may have to prepare for it

about the 5th). Sent Mercury to NB. helped Father to Audit Cattle Show A/cs[accounts]. Arranged with Walker to go out at [78]

May 4.0 am tomorrow 3 got up at 3.30 and called Walker we started at 4.0 I shot a Yellow Ammer &[and] a robin at Weetwood and another robin at Adel Dam several more I hit but did not get them found a Lapwings "nest" at the dam containing 2 eggs which I left for the completion of the clutch. I had sent a Grey Parrot to Loten [79]

on May 1 Easington &[and] also (a little later) 2 ring ousels to be mounted for persons who asked me who w[oul]d stuff them &[and] when I sent the Ousels I asked him about sternums. To day I got a letter from him he enclosed a ,[male] Ring Ousel and ,[male] Tree Sparrow for which I sent him 2/6 the price he asked. Birch called &[and] asked me to call at this house [80]

May at 1.0 to see some dental slides. Saw &[and] heard C canorus this morning. Went to see Birch as arranged Gurnell called &[and] I asked him to tea on Sunday Council meeting of L[eads].N[aturalists'].C[lub]. at 4.30. Went into the Park [shorthand notation] &[and] took the going M[issel] Thrushes. they are rather too old. &[and] flew out of the nest onto the ground. the robin's nest contained 5 eggs [81]

which I took but in coming home I caught my elbow against a projecting stone which pitched 3 of them out of the nest in which I carried them. 4. In the afternoon I went out [shorthand notation] past Lawnswood to Adel West Moor where I saw several snipe &[and] plovers &[and] then on to Adel dam the Lapwings nest now containing 3 eggs. Instead [82]

May of going by the Side of the dam went up the road &[and] past the farm. Adel Church on to <the> Weetwood Lane on the way I saw a party of men with a colley pup - they had a young rat tied by its leg &[and] tail to the dog which latter was very frightened &[and] would not touch the rat. I went up &[and] asked them if they wanted the rat [83]

No they said but we want a dog to worry it - however I managed to secure the rat &[and] brought it away. At night I had a severe headache &[and] went to bed at 9.30 5 My 23rd birthday The young Missel Thrushs had got out of the straw in the aviary &[and] to the walls. they were nearly dead with the cold &[and] I do not expect they [84]

May will live. they all died during the the day 6 Went into the Park in the morning &[and] got 2 young M[issel] Thrushes out of a nest - they too seem rather old to bring up. I watched a

willow wren building its nest & saw a Kestrel with a mouse in its talons. Gave M[issel] Thrushes to W. Grassham took back by Cab Middleton's eggs Kimbley called at the [85]

Museum but as I was engaged I followed him to Sunny Bank where we made some arrangements for the Huddersfield excursion At night I wrote 6 letters including one to the Earl of Dartmouth after which I had a walk thro[ugh] the Park [shorthand notation] 7. In the evening JA Reid called &[and] stayed late I spoke to in in respect to the excursion [86]

May which Grimshaw had asked me to make next Sunday. 8 Got up at 3.30 &[and] went to Adel with Walker and Grassham. The former had shown young Stringer the Lapwing's egg and consequently they had vanished - found another nest with 4 but they were too "hard Sat" to blow nicely I gave them to Grassham. he found a young Lapwing. We [87]

got many varieties of *Helix nemoralis* - Saw a Sandpiper at Adel Dam also Blackcap. &[and] Yellow Wagtails - <Called> Clarke called at the Museum on his way to the Pyrenees I saw him to the Station - he said that Miall had written him &[and] was pleased with my work he (Miall) thought the Society had been fortunate in securing my services Yesterday the Annual [88]

May Meeting of the Phil[osophical] So[ciety] was held. Went into the Park in the evening [shorthand notation] and saw Huthinson, I arranged to go to Bramhope on Sunday the 19th. 9. Branson called &[and] told me he was in a fix for a subject for next Monday being 1st meeting on New Syllabus I agreed to give him another demonstration on Practical Taxidermy. How to skin a mammal. Roebuck [89]

&[and] Kimbley called about Y[orkshire].N[aturalists'].U[nion]. excursion to Holmfirth on June 10th Sent Zool[ogical] notes to Walker 10 Had arranged with Grassham to out this Morning at 3.0 but the came down in torrents. Went into the Park in the evening the men were shooting at the Rooks but did not get any 11 Went to Lawnswood [shorthand notation] after tea &[and] found that [90]

May the Greenfinches nest which I had first seen on Ap[ri]l 27 now contained 5 eggs I took them &[and] also found 2 other G[reen]finches nest in course of construction Shot a ,[male] Chaffinch but did not get it called on Miss Irvine with regard to her brother who is in the infirmary &[and] the Sun 12 I went to Headingley Station to meet Grimshaw [91]

as arranged in order to give his blind cousin a chance of knowing the birds by their notes but it was raining fast & in consequence he did not turn up In coming back I shot ,[male] Redstart. the first specimen I have Father & I went to Mean- wood Wood & in passing Berry's house I saw the Albino blackbird it seemed of a creamy [92]

May color. In Meanwood wood I shot a White- throat & saw a pair of Redstarts about a wall & also found a Chaffinches nest nearly complete. After tea Mrs W[aite] Miss G[reen] & Self walked to Lawnswood I found a thrushes nest containing 2 eggs. Birch & his wife had arranged to come to tea but they did not turn up until 7.0 so that when we got back we [93]

found them at hour [h]'ouse. Spent the evening with music & c[et cetera]. Consequently was not at church at all to day. 13 Went into the Park in the morning & found the Starlings' nest where I took the eggs last year. containing eggs. I could not get at them owing to the narrowing of the opening in the tree by the growing of the wood Churchill showed me a [94]

May nest over his doorway but the hole was too small for my hand. found a Chaffinches nest in progress. A pair of Swallows seen building in a shed. Yesterday I had a Kitten given <wit> to me I put it under chlorform\*[chloroform] Spent dinner time with Birch. At 5.0 I attended the inagural meeting of the Hist[ory] & Arch[aeology] Society of Thoresby So[ciety] they [95]

were discussing the title where I left. At L[ees].N[aturalists'].C[lub]. I gave a demonstration on Taxidermy & Skinned a Rabbit which I had b[ough]t in Market for 9d.[pence] 14 Grassham knocked me up at 3.15 & we went to Adel Dam I found a Water Hen's nest with only 3 eggs yet laid. Grassham found two Sparrow's nest each containing 3 eggs. he also found 4 young Lapwing [96]

May of which he gave me 2. I saw 4 hares 3 ,[male] & 1 [female], it was an interesting sight. the [female] had a lively time of it Saw 2 Sp[arrow] Hawkes - Saw 2 ,[male] Mallard on the Dam At night I went into the Park & had a bit of the hardest work which ever fell to my lot in the way of egg Collecting. I went to the Starlings nest & with a Chisel worked away [97]

to enlarge the opening in the tree. I spent about one hour at this game & then had to give it up as the wood was so hard that I could not cut it especially as I could not get my hand in - I next made an opening thro[ugh] the tree lower down & after some hard work



managed to extract 7 eggs in safety - but when I got home I found they were just ready for hatching [98]

May While I was cutting the wood I forced a piece of wood with the chisel into my eye & had a splendid effect of sheet lighting my eye is very painful & blood shot 15 Father got leave for himself & myself to visit Meanwood Wood for our especial purposes. Gave Grassham a holiday today he went to Bishopswood Loten sent me the Parrot & Ring Ouzels [99]

& also several sternums for which I sent him 5/- At night Mr & Mrs W[aites] & the Misses Green & self went into Meanwood Wood I got nothing & found the Chaffinchs nest pulled. 16 At noon called at Fallowfield Terrace & left the Ducks I met Miss Bowling in coming away & she invited me to tea on the 28th. Wrote to Rickards at Bell Busk [100]

May re[garding] Ring Ouzels & to Walker Hanover Sq[uares] re[garding] "Polly". At night went to my first meeting of the L[iverpool] Geol[ogical] Ass[ociation]. W Filton on Coal 17 Got up at 3.30 & was met by Grassham we knocked Walker up & went to Adel Dam At Weetwood I shot a Starling - A very long shot for a calapault & A Willow warb[ler] ,[male]. At the Dam a Tree Pipit [101]

which I gave to Grassham A [female] Robin & another ,[male] Tree Pipit and in coming away still another Tree pipit ,[male] I found nest of Bl[ack]-bird containing 2 eggs & saw a thrush sitting on 4 eggs. I shot a thrush and a [female] Chaffinch but did not get them. At night I went [shorthand notation] to Adel Moor & shot a Redpoll. found nest of Blackbird containing [102]

May 3 eggs Thrush 4 and Hedge Accentor 3. The Yellow Ammers do not yet seem to have com- -menced nesting in earnest as I saw very large numbers roosting in a holly bush. letter from Hutchinson asking me to postpone my visit to Breary on Sunday. 18 Answered Hutchinson's letter. Rickards paid me for the ring ouzels 7/11 [103]

which I sent to him also Walker called & paid me for the Parrot 10/9 in the afternoon I went [shorthand notation] to Morris Wood but did not get anything. After tea I went out with the Major & his daughter & Mr & Mrs W[aites] to Lawnswood Shot a Thrush & found several nests of Thrush Blackbird & Greenfinch some empty & some with eggs. A Thrushes [104]

May nest which I found Contained young birds just hatched. 19  
H[eadingley].H[ill].C[ongregational].C[hurch]. in the morning In the afternoon Mr & Mrs  
W[aite] & the Misses Green left for Artington by 2.16 train Walked through Creskell  
Wood & home I broke the wing of a blue tit but did not get it. Did not go out after tea. 20  
W Ramsden knocked me up at 5.0 quite [105]

unexpectedly & we went to Brown's Wood. I found nest of W[illow] Warbler with 8  
eggs. & saw a Small bird go into a <hole in a> nest at the top of a small spruce fir  
I saw the bird several times but could not say what it was unless a Goldcrest it carried  
something in many times but whether it was food or nesting material I could not [106]

May see so left the solution over for a future visit. In Weetwood Park I shot a ,[male]  
Sparrow and ,[male] Hedge Accentor. Roebuck made an appointment with me for tomorrow  
noon re[garding] Y[orkshire].N[aturalists'].U[nion]. Excursion Denny called to see me &  
Gurnell brought a sheet of figures which he asked me to photo[graph] After tea I went into  
the Park [shorthand notation] & found [107]

a Willow Warbler's nest with 7 eggs I did not take it. I shot a [female] Greenfinch &  
bought home a frog 21 Miss Bowling wrote & asked me to go to tea to night I did so  
& stayed until 11.0 22 Got up at 4.0 & tried to knock Ramsden up by to no purpose  
I went to Lenty' place & shot a ,[male] Chaffinch Called on Birch Branson [108]

May & Wilson re[garding] L[eesds].N[aturalists'].Club At night I went into the park  
[shorthand notation] & took the willow warbler's eggs now 8 in number. Mr & Mrs Birch  
came & stayed the evening. Bedford also looked in to thank me for his stick which I had  
found & returned to him. 23 I asked Mellish to allow me to take the young starlings in  
his shed but he refused [109]

Alice brought in a young blackbird which her sister had got out of a nest. Saw Roebuck &  
Kimbley at noon - At night I went on to Adel Moor [shorthand notation] called on Mr Twigg to  
return him Vol[ume] 5 Science for All I took the 5 H[edge] Accentor's eggs. the nest  
contained 3 eggs on the 17th The Thrush was still sitting on the 4 eggs Shot a Yellow  
ammer [110]

May 24 Tried to knock up W Ramsden but again failed. Called on Walker we went out about  
4.30 to Browns wood the nest which I thought might be a Goldcrests was empty &

seemed more like T. parvulus. I found a Willow Warb[ler] sitting on 7 eggs wh[ich] I left Shot a Redbreast & found 2 Wren's nests in course of construction [111]

& A Hedge Accentor's nearly complete. In coming away I shot a [female] sparrow. Did not go out at night owing to the rain which was "teaming" down - blew larva of papillionaria & brought home eggs of Trepida & Fuliginosa 25 Went out [shorthand notation] for a walk. to Meanwood Shadwell to near Eccup & home by Weetwood Lane Shot a Willow Warbler [112]

May 26 got up at 5.30 & called on Grassham We left Leeds at 7.45 & After arriving at Hambleton went to Bishop wood & called on the Keeper (Scarr) who had a short walk with us. Found nests of Wren some unfinished some with eggs & one with young Also nest of Chaffinches I got 2 with eggs one 4 & one 5. & one with young Greenfinches very many took 3 with 5 & one [113]

1 Sedge warbler with 5. 2 Garden Warb[ler]'s one with 5 & one with 4 Grassham got besides Tree Sparrow 5. Willow Wren 7. <Meadow> Tree Pipit. 6 A Swallows which I found containing 3 eggs I gave to him. Found several Whitethroats building also 1 Bullfinch build[ing] Shot young blackbird & gave Willow wren to Grassham he gave me [female] Chaffinch Found Thrushes & Blackbird [114]

May nests in all stages of eggs & young. Saw Several Hawks & Barn Owl on nest wh[ich] was however empty heard Jay. Caught short tailed field vole. When we had finished we went to the farm & blew our eggs in a shed, I had just finished & was walking away when a policeman came up he did not see me but went to [115]

Grassham. Who I was afraid would have some birds exposed. however he told me afterwards that all was right & the fellow merely Said "been robbing birds nests" & looked about to try & find birds. Called at the farm & the farmer told us that that policeman would try & make out a case against Grassham so [116]

May I was not surprised when he turned up at Hambleton Station with another Officer in time for the last train to Leeds they secured surprised when they saw me & after talking some little time they went off the fellows especially the one who had before spoken to Grassham looking vexed because he had not been able [117]

to trip us he did his best to pump us respecting our birds of which we had our a dozen between us. The weather for the past few days had been very wet &[and] the woods were consequently drenched as were we after we had been in a short while I was not sorry when I landed at Headingley at 11.30 and was [118]

May well satisfied with my Sunday Outing. 27 W Ramsden knocked me up at 6.0 much to my annoyance, but I went out for a short stroll along Wood Lane &[and] Shot a ,[male] & [female] Sparrow. I received a Huntley Express &[and] found an Article in it which would not have suited the Officers of the Leeds Phil[osophical] &[and] hit had they [119]

seen it. It is entitled Notes from the Black North &[and] is evidently written by Gurnell who Speaks of me in rather too eulogizing a manner. Yesterday while I was away the eggs of *trepida* hatched At noon I went to Birch who prepared some of my teeth for stopping on Friday. Grassham gave me a Garden.W. which had been shot - at Harewood - [120]

May At night I attended meeting of L[eesds].N[aturalists']. Club - Wager on Floral developement 28 wrote NB - corrected final proof of Y[orkshire].N[aturalists'].U[nion]. programme &[and] sent copies to contributors. At night I went [shorthand notation] to Lawnswood but got nothing Some one has been there &[and] cleared everything out of the place. One pair <29> of the Turtle Doves laid an egg yesterday &[and] the [121]

other pair laid one today 29 Bought a pair of shoes at Hitchinsons for 12/9 At night I had a Walk [shorthand notation] past the Abbey &[and] Forge &[and] along the new Road to Butcher Hill (Woodside Horsforth) &[and] home by Spen Lane. 30 Got eggs of *Orygia Antiqua* &[and] 2 larvae of *plumigera* from Dairs Spent noon with JW Ramsden. At night JA Reid called &[and] we arranged to go off on Sundays' [122] AMS 587/10