

# **A PROVISIONAL BIBLIOGRAPHY OF THE NATURALISTS AND NATURAL HISTORY OF CUMBRIA.**

**COMPILED BY ALLEN F. ARMSBY.**

## **INTRODUCTION**

I am undertaking this bibliography on a voluntary basis as a member of the Carlisle Natural History Society and a retired librarian. The Project is intended as a tribute to the many naturalists who have lived, studied, worked or visited Cumbria and who, through their writings, have contributed to the appreciation and record of Cumbria's outstanding variety of wildlife and natural history.

I hope it will prove to be a useful reference source for the members of the society and for the staff of the museum and researchers. I can be contacted either through the Department of Natural Sciences, Tullie House, Carlisle or by e-mail at [mail@armsby90.freemove.co.uk](mailto:mail@armsby90.freemove.co.uk) and would appreciate new references submitted by authors and researchers.

The references have been collected from the periodicals listed below, relevant books, reports and their bibliographies. Whilst Cumbria is the main focus, the bibliography features many nationally recognised authors and some non Cumbrian references have been included to indicate the breadth of those authors' interests. I do not claim to create definitive bibliographies for every individual whose works are recorded. The next edition of this bibliography is scheduled for **November : 2011**. This is a work in progress and there are errors for which I offer my apologies, if you find them please let me know. All mistakes are mine and are not irreversible.

Search facilities should be used to identify subjects, species, locations or joint authors. Some geological material, mostly published after 1990 has been added and can be found by entering Geology in search, also at the end of the bibliography there is an appendix listing papers of the Cumberland Geological Society, 1990-2010.

I should like to acknowledge the patience and constant support of Stephen Hewitt, Keeper of the Department of Natural Sciences at Tullie House. My thanks must also go to members of the Society, Geoff Naylor, John R.W. Read, Geoff Horne and Jeremy Roberts. I am grateful to Dr Francis Celoria for his permission to draw extensively from his unpublished bibliography of the Rev.H.A. MacPherson and to Dave Shackleton for allowing me unrestricted access to his bibliography of Cumbrian Birds (Un-published). Thanks also Steve Doyle of Butterfly Conservation (Cumbria) Branch, Judith Robinson, Ian Winfield, Stephen White at Carlisle Central Library, Newton Rigg Library staff, Cumbria University and Peter Bullard for allowing me to explore the archives of the Cumbria Wildlife Trust.

Finally, I wish to record my sincere thanks for the encouragement and technical support of my wife, Jill.

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The symbol \* indicates that there are still volumes to be consulted).

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The tiles and details of some Bibliographies referred to whilst undertaking this project can be viewed  
by placing the word Bibliographies into search.

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- 1951 Editor : Reports : Birds. [Movements of Wild Geese. Redpoll. An enterprising Hedgehog. P.D.N.H.S. Newsletter. February, 2.
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- 1951 Editor : What to look for in July. P.D.N.H.S. Monthly Bulletin. July, 2.
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- 2003 Joint Authors : Hewitt, Stephen M., Parker, J. B & Read, R.W.J. A Survey of the invertebrates of Rusland Woods. Unpublished interim report to the Lake District National Park Authority.
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- 1955 Annual Exhibition, 1953. Lepidoptera and Coleoptera. Pros. S. Lond. ent.nat. Hist. Soc, 1953-54. 18. [Exhibits include from the Kendal District :- *Erebia aethiops* Esp. *Chanonia ruficornis* Hufn. *Trichopteryx polycommata* Schiff. *Xanthorhoe munitata* Hb. *Ligdia adustata* Schiff. *Acasis viretata* Hb. *Pyrrhia umbra* Hufn. *Odontosia carmelita* Esp. *Crambus furcatellus* Zett. *Schoenobius mucronellus* Schiff. *Philedone prodromana* Hb. *Euxanthis zoegana* L. var. *furrugana* Haw. *Lithocolletis trifasciella* Haws. *Lygris populata* Hann. *Trichopteryx carpinata* Borkh. var. *Notodonta anceps* Goeze. *Drepana binaria* Hufn. *Apatele alni* L. *Plusia bractea* Schiff. *Gypsites leucographa* Schiff. *Cirrhia gilvago* Schiff. Coleoptera from Kendal District *Elleschus bipunctatus* L. and *Oiceoptoma thoracica* L. Exhibited on behalf of Mr J. E. Thorpe of Kendal : *Tritoma bipustulata* F and *Platyeis minuta* F, both taken at Witherslack area].
- 1955 A Note from Westmorland. Ent. Rec. **67**, (7-8), July-August, 208.
- 1955 Author : Michaelis, H. N. Records of Microlepidoptera from Lancashire & Cheshire. Lancs & Cheshire Entomological Society. Session 1954-55. pp55-69. [ Includes records from N.L.Birkett].
- 1955 Author : Reid, W. Collecting notes, 1955. Part 1. Ent. Rec. **67**, (9), September, 217-218. [Reference to N.L.Birkett].
- 1955 Author : Reid, W. Collecting notes, 1955. Part 2. Ent. Rec. **67**, (11), November, 281-282. [Reference to N.L.Birkett]. [*Eustroma reticulata*, Schiff].
- 1955 Current Notes : When is a species not a species? Ent. Rec. **67**, (11), November, 296.
- 1955 Et al : An interesting influx (Great Brocade). The Field Naturalist. September, 3.
- 1955 Exhibition Meeting. Display Case including *E. occulata* taken at Kendal. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1954-1955. 22.
- 1955 Hunters by night. The Field Naturalist. June, 2.
- 1955 *Phalonia implicitana* Wocke in North Lancashire. Ent. Rec. **67**, (12), December, 331.
- 1955 A Review of : A study of the insects living on the Wayfaring Tree by K.C.Side. Leaflet No 77. Amateur Entomologists Society. Ent. Rec. **67**, (11), November, 304.
- 1955 Review of : Birds and Butterfly mysteries by Bernard Acworth. Eyre & Spottiswood. Ent. Rec. **67**, (12), December, 335-336.
- 1955 Review of Dwellers in Darkness : an introduction to the study of Termites by Dr S.H.Skaife. Longmans Green. Ent. Rec. **67**, (11), November, 303-304.
- 1955 Review of : Scottish Naturalist, Vol **66**. Ent. Rec. **67**, (11), November, 296. [A follow up article by J.J.Campbell Ent. Rec. **68**, (1), January, 28 with a reply by N.L.Birkett Ent. Rec. **68**, (2), February, 56].
- 1955 Review of : - The Entomology of Spurn Peninsula by Members of the Entomological Section of the Yorkshire Naturalists Union. Ent. Rec. **67**, (9), September, 247-248.

- 1955 Review of : The physiology of diapause in Arthropods by A.D.Lees. C.U.P. Ent. Rec. **67**, (9), September, 246-247.
- 1956 Abundance of *Erebia aethiops* sp. in South Westmorland. Ent. Rec. **68**, (3), March, 79. [Reference to A.E.Wright]. [Location : Arnside Knott].
- 1956 *Acherontia atropos* L. at Kendal. Ent. Rec. **68**, (9), September, 225.
- 1956 Another note on *Calophasia lunula* Hufn. Ent. Rec. **68**, (11), November, 273-274.
- 1956 An 'overlooked' foodplant of *Exapate congelatella* Clerck. Ent. Rec. **68**, (12), December, 310. [Reference to G.A.K.Hervey]. [Location Skiddaw. Kendal].
- 1956 Author : Allen, A. A. A few more observations of beetles. Ent. mon.Mag. **92**, July, 278. [Includes *Melasis buprestoides* L. taken by N.L.Birkett].
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- 1956 Review of : The Field Naturalist, Vol 1, (1), New Series. Ent. Rec. **68**, (3), March, 73-74.
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- 1956 Some observations on a flight of *Bombas lucorum* L. (Hym., Bombidae). Ent. mon. Mag. **92**, September, 333.[Location : Silcroft, Cumberland].
- 1957 A Review of the status of some Lake District Lepidoptera. Changing Scene. **1**, 40-47.
- 1957 Author : Anon. Summary of an un-published Lecture by N.L.Birkett entitled Some Lakeland Collectors. Given March 20<sup>th</sup>, 1956. Lancashire and Cheshire Entomological Society. Annual Report and Proceedings. Session 1955/56. 17-18.
- 1957 Author : Reid, W. Collecting notes, 1956. Ent. Rec. **69**, (3), March, 58-62. [Reference to N.L.Birkett]. [Location : North Wales]. [Specimens recorded *Amathes ashworthii* Dbld., and *Saturnia pavonia* L. (carpini, Schf.)]
- 1957 Chironomid, *Podonomus kiefferi* found at Ratherheath. The Field Naturalist. **2**, (n.s), (3), 29.
- 1957 Coelopa Swarms. The Field Naturalist. **2**, (n.s), (1), 4.
- 1957 *Dryophilus pusillus* (Gyll.) (Col., Anobiidae) in a light trap. Ent. mon. Mag. **93**, October, 240.
- 1957 Early immigrants at Kendal, Westmorland. Ent. Rec. **69**, (5), May, 118. [Reference to T. Smith]. [Specimens *Heliothis peltigera* Schf. and *Agrotis ipsilon*. Hufn].
- 1957 Exhibition Meeting. Display Case showing specimens from Kendal and a case of Chironomidae. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1956-1957. 19.
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- 1957 Non-biting Midges. The Field Naturalist. **2**, (n.s), (2). 21-22.
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- 1957 The Chironomidae. The Field Naturalist. **2**, (n.s), (2), 21-22.
- 1958 *Aegeria spheciformis* Schiff at Witherslack, Westmorland. Ent. Rec. **70**, (9), September, 222.
- 1958 Annual Exhibition, October 1957. British Macrolepidoptera. Proc. S. Lond. ent. nat. Hist. Soc, 1957. p 20-21. [Exhibits include :- *Heliothis peltigera* Schiff, pale Southern European form, Taken at Kendal. *Callimorpha jacobaeae* L an aberration. *Apama ophiogramma* Esp, a melanic aberration. *Spilosoma lubricipeda* L., an aberration. *Cirrhia gilvago* Schiff. *Hydraecia lucens* Frey. *Plusia bractea* Schiff].
- 1958 A short holiday trip to Spain, 1953. Ent. Rec. **70**, (11), November, 259-262.
- 1958 Author : Michaelis, H. N. Microlepidoptera in Lancashire and Cheshire, 1955-1957. Ent. Rec. **70**,

- (5), May, 122-127. [Record of *Phalonia implicitana* Wocke) taken by N.L.Birkett at Walney Island].
- 1958 Exhibition Meeting. Display Case showing Lepidoptera from Southwold and Kendal. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1957-58. 24.
- 1958 *Leucania straminea* and *Triphaena interjecta* in North Lancashire. Entomologist. **91**, (1146), November, 252. [Silverdale]. [Reference to N.L.Birkett].
- 1958 Notes on immigrant Lepidoptera to North-West England. Ent. Rec. **70**, (11), November, 274-275. [Locations include : Foulshaw Moss. Furness area. Kendal district].
- 1958 On the biology of the Chironomidae. Annual Report and Proceedings Lancashire and Cheshire Entomological Society. Session 1957-58. 39-48.
- 1958 Two records of Cerambycidae (Col), from North Lancashire. Ent. mon. Mag. **94**, 131.
- 1959 Annual Exhibition, October 1958. Exhibits British Lepidoptera and Diptera. Proc. S. Lond. ent. nat. Hist. Soc. 1959. [Exhibits include :- *Herse convolvuli* -female from Kendal. *Heliothis armigera* Hubn - taken at Kendal, only one previous record from Grange-over-Sands. *Aegeria sphecoformis* Schiff with Witherslack, only previously recorded from Windermere. Diptera :- *Podonomus kiefferi* Garrett, (*peregrinus* Edwards). *Pentaneura hirtimanus* (Kieffer). *P. carnea* (F). *Protanypus* (Procladius) *mario* (Zett). *Procladius sagittalis* (Kieffer). *Limnophyes* (Lymnophytes) *minimus* (Meig). *Chironomus anthracinus* (Zett). *C. tentans* F. *C* (Stenochironomus) *gibbus* (F). Also a small number of non-biting midges or Chironomidae from Kendal area.
- 1959 Author : Fairclough, R. Black Tom's Lane, (Witherslack). Ent. Rec. **71**, (11), November, 267. [Reference to N.L.Birkett].
- 1959 Author : Michaelis, H. N. Lepidoptera for 1954-1956. [Includes one record submitted by N.L. Birkett :- Tortricodea *Phalonia implicitana* (Wocke), Walney Island. Lancashire and Cheshire Fauna Committee. 31<sup>st</sup> Report and Report of the Recorders for 1957-58. 72-76.
- 1959 Author : Worms, Baron C.G.M. de. British Lepidoptera collecting, 1958. (A brief account of M.V. trapping with N.L.Birkett in Hamstreet Woods, Kent). Entomologist. **92**, April, (1151), 67-75.
- 1959 *Evergestis straminealis* Hubn (Moth) taken at Sandscale Sand Dunes, July 1959. The Field Naturalist. **4**, (n.s), (6), 68.
- 1959 Exhibition Meeting. Display Case showing British Macro-Lepidoptera and Diptera (Chironomids) mainly from the Kendal District. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1958-1959. 12.
- 1959 Some records of Hover-flies (Dipt. Syrphidae) at Mercury-Vapour Light. Ent. mon. Mag. **95**, March, 63.
- 1959 Two records of Cerambycidae (Col.) from North Lancashire. Ent. mon. Mag. **94**, June, 181. Location : Grange-over-Sands]. [Reference to A.E.Wright].
- 1959 What at Witherslack? Ent Rec. **71**, (9), September, 197-201. [References to J.H.Threlfall. J.B.Hodgkinson. J.J.Lister] [Locations include : Caterag Mosses Nature Reserve. Meathop Moss. Whitbarrow. Yewbarrow].
- 1960 *Bibio mari* L. and *Emois tessellata* Faer on Meathop Moss. The Field Naturalist. **5**, (n.s), (3), 28.
- 1960 Diptera *Servillia meig* from Meathop Moss and Rusland Valley. The Field Naturalist. **5**, (n.s), (4), 41.
- 1960 Further records of *Servillia ursina* Meig from Meathop and Rusland Valley. The Field Naturalist. **5**, (n.s), (4), 41.
- 1960 *Gonodontis bidentata* var. *nigra* Prout in Westmorland. Ent. Rec. **72**, (9), September, 195. [Reference to R.C.Lowther. J. Vine Hall]. [Kendal].
- 1960 *Herse convolvuli* L at Kendal, Westmorland. Ent. Rec. **72**, (9), September, 197.
- 1960 Lepidoptera of the moss-lands of Southern Lakeland. Changing Scene. **2**, 48-53.
- 1960 *Servillia ursina* Meig (Dipt., Tachinidae) in South Westmorland. Ent. mon. Mag. **96**, January, 21. [Location : Meathop Moss].
- 1960 Some records of Chironomidae (Diptera) taken in Scotland. Entomologist. **93**, (1168), September, 182-183.
- 1960 Some records of Lepidoptera from the North West, 1959. Ent. Rec. **72**, (3), March, 65-67. [References to R.C.Lowther and A.E.Wright]. [Locations :- Roudsea Woods. Sandscale Warren, Storrs Moss. Witherslack].
- 1960 Winter Chironomidae (Dipt.) in the Lake District. Ent. Rec. **72**, (5), May, 132-133.
- 1961 An Entomological mystery. Ent. Rec. **73**, (4), June, 134. [*Mellieta aurelia*].

- 1961 An Entomological mystery - a further note. Ent. Rec. **73**, (12), December, 263.
- 1961 Annual Exhibition, October, 1960. Exhibited : British Lepidoptera. Proc. S. Lond. ent. nat. Hist. Soc. 1961. 25-26. Exhibited the following :- *Fabriciana* (Argynnis) L. *ab. suffusa* Tutt, taken in the Kendal District in 1917. *Erebia aethiops* Esp, taken at Arnside. *Apatele alni* from Kendal district, in general approaching *ab. suffusa* Tutt. *Arenostola phragmitidis* Hubn from Silverdale. *Gonodontis bidentata* Clerck *ab. nigra* Prout, first taken in Westmorland. *Parasemia plantaginis* L. *ab. hospita* Schiff, bred by Ted Smith of Kendal. *Eurhodope plantaginis* L. *ab* (Euzophera) *advenella* Zinck, first record for Kendal area. *Evergestis pallidata* Hufn (Straminalis Hubn) from Sandscale Warren, 2<sup>nd</sup> record. *Acleris* (Peronea) *hastiana* L, bred from larvae taken at Walney Island. *Epinotia* (Eucosma) *nisella* Clerck taken at Silverdale. *Mompha fulvescens* Haw bred from larvae Taken at Kendal. *Paltodoria cystisella* Curt, two specimens taken at Roudsea Wood, a new Lancs record. Some Diptera with aquatic larvae : *Liancalus virens* (Scop) (Dolichopodidae) a short series taken at Grasmere. *Procladius sagittalis* (Kieff). *Protanypus morio* (Zett). *Brillia Modesta* (Meig). *Hydrobaenus* (Smittia) *aterrimus* (Meig). *Chironomus anthracinus* Zett. *C. dorsalis* Meig. *C. (Microtendipes) pedellus* (Deg) (Chironomidae).
- 1961 Author : Heath, J. Lepidoptera new to Lancashire and Westmorland. Ent. mon. Mag. **97**, May-July, 100. [Reference to N.L.Birkett].
- 1961 Collecting notes, 1961. Ent. Rec. **74**, (1), January, 13-18. [Locations include :- Brigsteer. Hale. Kendal. Newby Bridge. Sandscale. Windermere].
- 1961 *Pyrausta asinalis* Hubn at Penmaenmawr. Ent. Rec. **73**, (6), June, 134.
- 1962 Annual Exhibition Meeting, 1961. Lepidoptera from unspecified North Lancs and Westmorland locations. Ann. Rept & Proc. Lancs and Cheshire Ent. Soc. Session 1961-62. p12-13. [Exhibits :- Series of *Peronea comariana* Zell. Bred from larvae found in Marsh Cinquefoil at Ratherheath, Nr Kendal. Also a case of Lepidoptera from North Lancashire and Westmorland including :- Series of *Hydraecia* spp, *Cucullia chamomillae* Schiff. Also : *Apocheima hispidaria* Schiff. *Discololoxia blomeri* Curt. *Hydrelia flammeolaria* Hufn. *Craniophora ligustri* Schiff. *Atolmis rubricollis* L. *Dasychira fascelina* L, *Leucoma salicis* L].
- 1962 Annual Exhibition Meeting, October 1961. Proc. Trans. S. Lond ent. nat Hist Soc, 1961-62. pp12-13. [Exhibits include : *Craniophora ligustri* Schiff from N. Lancs and S. Westmorland. *Apocheima hispidaria* Schiff from N. Lancs. *Dasychira fascelina* L and *Leucoma salicis* L both from Sandscale. *Atolmis rubricollis* L from Newby Bridge. Small selection of species from the Lake District : *Pentaneura earnea* (F). *Microtendipes tarsalis* Walker. *Pentapedilum* (Sergentia) *coracinus* Zett. *Cryptochironomus biannulatus* Staeger. *Cryptochironomus* (Harnischia) *vulneratus* Zett. *Polypedilum laetus* Meig. *Glyptotendipes gripekoveni* Kieffer. *Stictochironomus pictulus* Meig.
- 1962 Author : Goodall, C. J. *Herse convolvuli* L. at Morecambe. Ent. Rec. **74**, (10), October, 223. [Reference to N.L.Birkett].
- 1962 Author : Johnson, Colin. The Scarabaeoid (Coleoptera), Fauna of Lancashire and Cheshire and its apparent changes over the last 100 years. Entomologist. **95**, (1189), June, 153-165. [Includes references to specimens recorded by N.L.Birkett and A.E.Wright].
- 1962 Author : Skidmore, P. Some recent additions to the Lancashire and Cheshire Diptera List. Ent. mon. Mag. **98**, September - December, 182-186.
- 1962 *Tettigonia viridissima* L. (Orth., Tettigoniidae) in Pembrokeshire. Ent. mon. Mag. **68**, September - December, 202.
- 1963 Author : Michaelis, H.N. Lepidoptera Report, 1957-1961. [Includes records by N.L. Birkett and John Heath Roudsea Wood]. Lancashire and Cheshire Fauna Committee. 33<sup>rd</sup> Report and Reports of the Recorders. Publication **43**. 51-52.
- 1963 A brief account of a talk by Neville Birkett on Chironomids in the North-West. Given to the British Trust for Entomology, 16<sup>th</sup> March, 1963. Entomologist. **96**, (1199), April, 96.
- 1963 Collecting in the New Forest. Ent. Rec. **75**, (7), July, 174-175. [The article raised the issues of access to the New Forest following Forestry Commission restrictions. There were some responses from other Entomologists :- Demuth, R.P. Ent. Rec. **75**, (8), August, 208. Leech, M.J. Ent Rec. **75**, (9), September, 229-231. Coxley, S. Ent. Rec. **75**, (9), September, 231-232.
- 1963 Some records of *Blastobasis lignea* Wals. Ent. Rec. **75**, (5-6), May-June, 148.
- 1963 Unusual abundance of *Odontesia carmelita* Esp in Westmorland. Ent. Rec. **75**, (7), July, 175.
- 1963 Why collect Butterflies and Moths ? The Field Naturalist. **8**, (n.s), 1-4.

- 1964 A Continental holiday, 1963. Ent. Rec. **76**, (4), April, 102-106 and **76**, (5), May, 126-129.
- 1964 A scale defect in *Lysandra bellargus* Rott. Ent. Rec. **76**, (10), October, 236.
- 1964 Author : Kidd, L.N. Diptera Report. [Contains records from N. L. Birkett]. Lancashire and Cheshire Fauna Committee. 34<sup>th</sup> Report and Reports of the Recorders. Publication **45**. 52-57.
- 1964 Author : Worms, C.G.M.de. British Lepidoptera Collecting, 1963. Entomologist. **97**, (1211), April, 79-90. [Locations :- Arnside Knott, Windermere and Witherslack]. [Reference to N.L.Birkett].
- 1964 A visit to Yugoslavia, 1964. Ent. Rec. **76**, (12), December, 279-282.
- 1964 Exhibition Meeting, 1963 British moths from Southern Lakerland. Ann. Rept. Proc. Lancs & Cheshire. Ent. Soc. Session 1963-1964. 40-41. [Exhibits include : *Notodonta anceps* Goetze (*trepida* Esp) type form and var. *fusca* Cockayne from **Southern Lakeland**. From **Sandscales Warren** :- *Stomopteryx taeniolella* Zell. *Eucosma cruciana* L. *Mesotype virgata* Hufn. *Anacamptis populella* Clerck. *Scythris senescens* Stant. *Phthorimea marmorea* Haw. From **Newby Bridge** : *Tethea fluctuosa* Hubn. From **Meathop Moss** : *Phylloporia bistrigella* Haw. *Laspeyresia cosmophorana* Treits. *Eucosma obscurana* Steph. From **Witherslack** : *Odontesia carmelita* Esp. *Electrophaes corylata* Thunb.
- 1964 *Pyrochroa coccinea* (L.) (Col, Pyrochroidae) in Westmorland. Entomologist. **97**, (1218), November, 249.
- 1965 An intersex of *Pyrophæna granditarsa* (Forster), (Dipt : Syrphidae). Entomologist. **98**, (1220), January. 1.
- 1965 Exhibition Meeting. Display Case showing Lepidoptera - a series from Westmorland. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1964-1965. 13. Exhibits : *Coenonympha tullia tullia* Mull from Walton Moss, near Carlisle. *Nemeobius lucina* L. a series from Westmorland. *Coenonympha pamphilus* L some from S. Westmorland. *Peris napi* L from a South Westmorland fen. *Errynis tages* L a series from S. Westmorland. Coleoptera :- *P. coccinea* L from Witherslack. *Donacia aquatica* L from Rather Heath, Kendal. Diptera : *Tabanus bisignatus* Jaenn from Meathop Moss. *Empis borealis* L. from Meathop Moss.
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##### **See also :- Carlisle Natural History Society.**

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- 1935 Ornithological Notes from the Solway, Pennines and Lakes, Part 1. 1934. North Western Naturalist. **10**, (2), 120-130. [Subjects include : Raven. Rook. Skylark. Meadow Pipit. Willow Tit. Great Spotted Woodpecker. Short-eared Owl. Buzzard. Sparrow Hawk].
- 1935 Ornithological Notes of the Solway, Pennines and Lakeland. Part 2. 1934. North Western Naturalist. **10**, (3), 201-212. [Subjects : Pink-footed Goose. Bewick's Swan. Teal. Wigeon. Shoveler. Pochard. Tufted Duck. Goosander. Heron. Glossy Ibis. Ruff. Green Sandpiper. Bar-tailed Godwit. Curlew].
- 1935 Swans, wild and otherwise. Carlisle Journal 15<sup>th</sup>, February, 1935. [Subjects : Mute, Whooper and Bewick Swan].
- 1935 The Gull's, Carlisle's Bird Company. Carlisle Journal. 4<sup>th</sup> January. [Subjects : Black-headed Gulls. Lesser Black-backed Gull. Common Gull].
- 1935 The Stirrings of Spring. Carlisle Journal. 15<sup>th</sup>, March, 1935. [Subjects include : Thrush. Skylark. Hedge-sparrow. Robin. Rook. Black-headed Gull. Hedgehog. Flora : Hazel. Gorse].
- 1936 Familiar Birds : Springs home-coming. Carlisle Journal. 8<sup>th</sup> May. [Subject : Migration].
- 1936 Ornithological Notes from the Solway, Pennines and Lakeland., 1935. Part 1. North Western Naturalist. **11**, (2), 133-134. [Subjects : Raven. Heron. Golden Plover. Lapwing. Redstart. Curlew].
- 1936 Ornithological Notes from the Solway, Pennines and Lakeland. 1935. Part 2. North Western Naturalist. **11**, (3), 247-252. [Subjects : Curlew (Cont). Tufted Duck. Pochard. Wigeon. Coot].
- 1936 Ornithological Notes from the Solway, Pennines and Lakeland. Part 3. North Western Naturalist. **11**, (4), 349-354. [Subjects : Black Grouse. Stonechat. Cormorant. Buzzard. Kestrel. Oystercatcher].

- 1936 The Badger in Cumberland. Carlisle Journal. 25<sup>th</sup>, June.
- 1937 Carlisle Literary Society. Report of a talk given by Ritson Graham on Bird Life. C. J. 30<sup>th</sup> January.
- 1937 Ornithological Notes from Lakeland, Solway and Pennines : 1936. North Western Naturalist. **12**, (3), 251-259. [Subjects include : Raven. Crossbill. Reed Bunting. Yellow Wagtail. Garden Warbler. Redwing. Blackbird. Ring Ouzel. Hedge Sparrow. Sand Martin. Sparrowhawk. Pink-footed Goose. Pochard. Common Scoter. Redshank. Oystercatcher. Black-headed Gull. Little Grebe].
- 1937 Solway Adventure. The Marshes in mid-winter : Caught by the tide : Two miles of flooded marsh. The wild geese watched. Carlisle Journal. 26<sup>th</sup>, January, 1937. [Subject : wild geese behaviour. Flooding].
- 1937 The Roe Deer : a native of Cumberland. The Animals Friend. November. (No page number given).
- 1937 The Skylark soars, Birds and Buds in February. Carlisle Journal. 19<sup>th</sup> February. [Subjects : Crows. Cuckoo. Skylark. Song Thrush. Winter Thrushes. Flora : Buckthorn. Celandine. Crocus. Hawthorn. Hazel. Snowdrops].
- 1939 A Lakeland Eyrie. Carlisle Journal. 26<sup>th</sup>, March. [Peregrine]. [Egg stealing].
- 1939 Ornithological Notes from the Solway Firth, Pennines and Lakeland, 1938. North Western Naturalist. **14**, 118-124.
- 1939 The Red Squirrel. Carlisle Journal. 26<sup>th</sup> March.
- 1939 The "Hoggusts" as Lakeland landmarks. Carlisle Journal. 8<sup>th</sup>, July. [Hog Houses]. [Pigs].
- 1943 Co-Editor. The Birds of Lakeland. Transactions of the Carlisle Natural History Society. Vol **6**.
- 1944 Birds of the Mosses. Carlisle Journal. 19<sup>th</sup>, May. [Black Grouse. Golden Plover. Gulls. Hen Harrier. Short-eared Owl [Also mentions briefly : Polecat. Roe Deer].
- 1944 More Summer migrants. Carlisle Journal. 5<sup>th</sup>, May.
- 1944 Peat Mosses. Carlisle Journal. 19<sup>th</sup>, May.
- 1944 Reviewing the Migrants. Carlisle Journal. 19<sup>th</sup>, May.
- 1944 The Redstart. Carlisle Journal. 5<sup>th</sup> May.
- 1946 The Badger in Cumberland. Transactions of the Carlisle Natural History Society. **7**, 88-99.
- 1952 Onlooker : Incidental Notes, Carlisle Journal. 4<sup>th</sup> January :- Out in the storm. Roaring Oaks. Flooded fields. 'Cultivated Daisies'. Stray Dipper. Mouse-voiced birds. Birds in the wind. [Subjects include : Linnets. Lark. Dipper. Goldcrest. Redwing. Fieldfares. Lapwing (Peewit). Golden Plover. Flora : Daisies. Oaks. Watercress. Knapweed].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 11<sup>th</sup> January, 1952 :- Goosander again. Sad news. Beautiful bird. Favoured Rivers. Signs of Spring. Other Fry. [Subjects include :- Goosander. Salmon & Sea Trout fry. Song Thrush. North Cumberland].
- 1952 Onlooker. Incidental Notes. Carlisle Journal. 25th January, 1952 :- Red Deer in Lakeland. In search of food. Body in Pool. Dawn Patrol. September Morning. Tragedy of Aira Force. Leaders of Harem. Disturbed by camera. [Subjects include :- Red Deer. Lakeland. Gowbarrow Park].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 1<sup>st</sup> February, 1952 :- Winter walking. Rabbit catcher. In the woods. Hard times. Sun and Snow. Tracks in snow]. [Subjects include :- Jay. Curlew. Rabbits. Ferrets. Redwing. Fieldfares. Blackbirds. Woodcock. Wood pigeons. Rooks. Carrion Crows. Field Voles. Curlew / Heron tracks].
- 1952 Onlooker. Incidental Notes. Carlisle Journal. 8<sup>th</sup> February, 1952 :- Bird Protection. Wild Geese and Ducks. Non-existent eggs. Barnacle Geese. Visitors and Regulars. Geese from Iceland. [Subjects Include : Protection of Wild Ducks and Geese. Barnacle Geese. Pink-footed Geese. Solway].
- 1952 Onlooker : Incidental Notes. Carlisle Journal, 15<sup>th</sup> February, 1952 :- County's Coat of Arms. Grass of Parnassus. Roe Deer in Cumberland. Never extinct. In Roman times. Birds of the County. [Subjects include : Flora : Grass of Parnassus. Roe Deer. North Cumberland. Kendal. Grange-over-Sands. Curlew].
- 1952 Onlooker : Incidental Notes. Carlisle Journal, 22<sup>nd</sup> February, 1952. Far-travelled "Blackie". Bird had flown. Bird song. Song Periods Charts. The Thrush. [Subjects include : Blackbird. Kingfisher Song. Great Spotted Woodpecker. Bird Song. Railways and Wildlife].
- 1952 Onlooker : Incidental Notes. Carlisle Journal, 29<sup>th</sup> February, 1952. Welcome week. Mild Weather. Walk at Dusk. Peewit Arrival. Permanent Changes. Disappearance of Woods. [Subjects include : Fieldfares. Wood Pigeon. Tawny Owl. Lapwing. Curlew. Reed Bunting. Redpoll. Woodland clearance].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 7<sup>th</sup> March, 1952. Caught by the Cat (A Water Rail). Plumage of the Water Rail. A Mysterious Bird. Curious nesting cry. Seen on Solway. Old

- World Country (No location given). Lonely Wood. [Subjects : Water Rail. Lapwing/Peewits].
- 1952 Onlooker : Incidental Notes. Carlisle Journal 14<sup>th</sup> March, 1952. The Heronry Again. Nested 30 years. Roe Deer Scrapings. Woodpeckers "Drumming". Noisy Chase. Skybeck Wood. [Subjects include : Herons. Roe Deer. Great-spotted Woodpecker. Redwing].
- 1952 Onlooker : Incidental Notes Carlisle Journal. 21<sup>st</sup> March, 1952. Marsh Woodland. Waterhen. Close of Day. Badgers Busy. February Born. Tits Predominate. Kestrel Calling. [Subjects include : Celandine. Snowdrops. Waterhen/Moorhen. Fieldfares. Badgers. Tits. Kestrel].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 29<sup>th</sup> March, 1952. On the Fells. By the Tarn. The Golden Plover. On the Heather Ground. Interesting Strangers. In the Valley. [Subjects include : North Pennines. Curlew. Peewits/Lapwings. Red Grouse. Woodcock. Skylark. Snipe. Tufted Duck].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 4<sup>th</sup> April, 1952. Rare Visitor. Butchers Bird. Grey Shrike in Cumberland. Whinsill. Pennine Ravens. Deserted Haunt. [Subjects include : Grey Shrike at Newcastle. Ravens].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 11<sup>th</sup> April, 1952. Oh! To be in England. At a Fieldgate. Tale of a Tree. Moorland Tract. Wood Pigeons. [Subjects include : Northern Pennines. Skylarks. Snipe. Meadow Pipts. Trees : Black Poplar. Willow Trees].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 18<sup>th</sup> April, 1952. On Cold Fell. Songs rising and falling. Memories of the Gair. A Bit of Tundra. Early Insect. Cairns. 2000 Feet Up. Moorland Plants. [Subjects include : Gair Mine. Gelt Valley. Cold Fell. Meadow Pipit. Skylarks. Merlin. Flora : Cloudberry. Cowberry/Red Whortle Berry].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 25<sup>th</sup> April, 1952. On the Moors. Lambing Time. Carrion Crow Pest. Organised Shoot. Butterburn Linns. Remarkable Scenery. Remote Streams. Marvellous View. [Subjects include : Carrion Crow. Sheep. Kestrels. Stock Dove. Herons. Gilsland. River Irthing. Butterburn Linns].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 2<sup>nd</sup> May, 1952. To Padderburn. Moorland Farms. The Farm House. We talked and Smoked. Transport Solutions (Amphibious "Weasel" tracked Vehicle). Other Means. A Strange Device. House Martins. [Subjects include : Sheep. Shepherds. Pennine Life. Moor House Nature Reserve. House Martins].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 9<sup>th</sup>, May, 1952. The Heron Wood. Bewitching New Growth. Chiff-Chaff Newcomer. The Rain Bird. In Lakeland Country. Nesting Buzzards. Still Tenanted. An Odd Pair. Second Nest. Natural Rock Garden. [Subjects include : Buzzards. Herons. Chiff-Chaff. Green Woodpecker. Roe Deer Scrape. Jackdaw].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 16<sup>th</sup>, May, 1952. A Buzzard. Likely Locality. Interesting Discovery. Summer Migrants. Sea Swallows. Still To Come. First Visitors. Nettle Creeper. The Less Common. [Subjects include : Langwathby. Eden Valley. Solway. Ernest Blezard. Willow Warbler. House Martin. Sand Martin. Swift. Wood Warbler. Swallow. Terns. Flycatchers. Lapwing. Curlew. Redshank. Meadow Pipit. Skylark. Thrushes. Whitethroat. Grasshopper Warbler. Wheatear. Ring Ouzel. Cuckoo].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 23<sup>rd</sup>, May, 1952. The Corncrake. Return to Old Haunts. Cummersdale. Distinguishing Bats. Whiskered and Common (Bats). Non-nesting Birds. Ducks. Plovers. In a Chocolate Box. [Subjects include : Corncrake. Bats (Whiskered and Pipistrelle). Swans. Black-headed Gull. Herring Gulls].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 30<sup>th</sup> May, 1952. Solway Marshes. Along the Creek. Scores of Nesters. The Terns. Lawn like Marsh. The Intruder. Postscript. Merganser. Male Colours. Shelduck. [Subjects include : Lapwing. Redshank. Oystercatchers. Terns. Black-headed Gulls. Skylark. Shelduck. Merganser. Cattle grazing. Flora : Trefoil. Scurvy Grass].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 6<sup>th</sup> June, 1952. Sunshine and Showers. Summer and Winter. Rowan and Man. Scenic Titbits. Sandpiper and Nest. Moorland Wrens. Merlin and Curlew. Ford and Bridges. Strange Visitor. Beyond Human Ken. [Subjects include : Crossfell. Carrion Crow. Cuckoo. Robins. Merlin. Curlew. Flora : Hawthorn. Rowan Trees].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 13<sup>th</sup> June, 1952. Holidays Again. Greystoke Park. Back to Wild State. Buzzards nest. The Shy Roe-deer. [Subjects include : Cattle Drovers. Ancient roads and tracks. Abbeyholm. Uldale. Roe Deer. Buzzard].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 20<sup>th</sup> June, 1952. Plant -life in the "Parks". Globe Flower. Birds-eye Primrose. Below Spar Well. A Sudden Spate (An Irthing phenomenon). [Subjects include : Greystone Park. River Irthing. Flora : Globe Flower. Birds-eye Primrose].

- 1952 Onlooker : Incidental Notes. Carlisle Journal. 27<sup>th</sup> June, 1952. Shot Spa. Ancient Rock Fall. The "Wow". Birds of the Bog. Cotton Grass. [Subjects Include : Fox. Reed Bunting. Sedge Warbler. Mallard. Salmon. Dunlin. Black-headed Gull. Flora : Horse-tail. Cottongrass].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 4<sup>th</sup> July, 1952. Horseholme. Farm Dates. Back to the Plough. Miles of Moor. Late 18<sup>th</sup> Century Ruin. What Purpose. [Subjects include : Agriculture. North Cumberland Moor and Landscape. Pied Wagtail. Burn Divot. River Irthing].
- 1952 Onlooker : Incidental Notes. 11<sup>th</sup> July, 1952. The Lonely Sycamore Tree. The Irthing. Snug Little "Stell". Birds on the Beck. Lampent Woods. The Black Grouse. Spy Cragg. [Subjects include : Irthing. Sandpipers. Dipper. Grey Wagtail. Kestrel. Black Grouse].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 18th July, 1952. At White Hill. Another Wader. Johnny's Craggs. In Northumberland. Paddaburn Craggs. The Inside Land. [Subjects include : Dunlin. Redshank. Ring Ouzel. Red Grouse.
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 26<sup>th</sup> July, 1952. From Sightly Crag. Stranded Pigeon. Sightly Fell. Cock Birds Ruse. Moorland wild fruit. From Solway Moss. The Crowberry. From Paddaburn. By Gair Burn. [Subjects include : Cloudberry. Cranberry. Crowberry. Red Whortleberry. Homing Pigeons].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 1<sup>st</sup> August, 1952. To Christenbury. More Moorland Birds. Brown Owl. Cuckoo. Encroaching Forest. Last House. The Old Plough. Strange Voice. Ancient Earthwork. Chaotic Collection. [Subjects include : Golden Plover. Short-eared Owl. Raven].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 8<sup>th</sup> August, 1952. I Choose the Woods. August Birds. Roe Deer. Injured? Short-sighted. A Looking Match. What purpose. Squirrel Pair. Bad Temper. [Subjects include : Roe Deer. Red Squirrel. Bar-tailed Godwits. Green Sandpiper. Golden Plover].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 15<sup>th</sup> August, 1952. Stoat and Rabbit. Savage Little Killer. Another Encounter. Colour Variation. Behaviour of Carp. Like Submarines. Autumn Evening. Gulls over Corn. To and From the Solway. [Subjects include : Stoats. Rabbits. Carp. Gulls].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 22<sup>nd</sup> August, 1952. Fellside Summer. Late Maturity. Heathers and Rowan. Bees and Butterflies. Lingering Birds. Green Roads. Blackcock Tail. Remarkable feature. Eclipse. Fellside Flowers. Gorse in Bloom. [Subjects include : Moorland. Spotted Flycatcher. Willow Warbler. Butterflies : Peacock. Small and Large Whites. Small Heath. Meadow Pipit. Ring Ouzel. Dipper. Kestrel. Blackcock. Flora : Mountain Ash and Rowan. Gorse].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 29<sup>th</sup> August, 1952. Vanishing Woodlands. Our Natural Forest. The Last of Them. A "Wonderland". Like Inglewood. Strange World. Woodland Voices. Ubiquitous Robin. Roe Deer. Basking Squirrel. [Subjects include : Forest Decline. Red Squirrel. Roe Deer].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 5<sup>th</sup> September, 1952. The Last Load. Jewels of the Birchwood. Owls and Engines. Swallow Flocks. Autumn Flitting. [Subjects include : Harvest. Fungi. : Boletus and Fly Agaric. Short-eared Owl. Lapwings. Black-headed Gull. Redshank. Dunlin. Steam Locomotive Shed. Scotch Hare].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 12<sup>th</sup> September, 1952. Flooded Marsh. At Rockcliffe. Tide and Gale. Guarding the Herd. Rarely Absent. Plovers. Curlews. The Ebb. Birds of Passage. Different Voice. Flying Visitors. [Subjects include : Esk. Eden. Solway. Cattle. Green Sandpipers. Common Sandpipers. Wheatear].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 19<sup>th</sup> September, 1952. Swallows Roost. Coming Down. Twisting and Darting. The Heather Now. Crane in Cumberland. Seen by Shepherds. Escaped from Captivity. [Subjects include : Swallows. Fly Agaric Fungi. Scots Pine. Lapwing. Black-headed Gulls. R.W.Robson. Possible Crane Record at Grindon Hill].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 26<sup>th</sup> September, 1952. Blind as a Bat. Dozen Species. Sound Waves. Cage Bird. The Valley Wood. Anglers Catch. Owls Serenade. Night Scene. Linnet Flock. Strange Fellow Traveller. Cage Bird. The Valley Wood. [Subjects include : Bats near Carlisle. Daubentons Bat. Tawny Owl. Linnets].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 3<sup>rd</sup> October, 1952. Glorious Technicolor. Fiery Autumn. Wonderful Mosaic. Squirrels and Nuts. Animal Harvester. Fell Birds. "Grieve's Castle". Lambing Time Relics. [Subjects include : Red Squirrel. Bracken. Rowan Trees. Mistle

- Thrush (Also Known as Mountain Thrush). Blackbirds. Blackcocks. Meadow Pipits. Sheep Folds. Northern Pennines].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 10<sup>th</sup>, October, 1952. A Moorland Tarn. "Surface Ducks". Coot Query. Chestnut Heads. Tufted Ducks? Bewick's Swan. Record Early Visitor. Fell Tracks. Empty Cottages. [Subjects include : Mallard. Coot Migrants. Pochards. Bewick's Swan. Possible Tufted Ducks].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 17<sup>th</sup> October, 1952. October Woodlands. Duck or Drake. Conkers. Acorn Harvest. Thunder Flowers. Coal Tits. First Redwings. [Subjects Include : Holly Trees : Sweet Chestnuts. Moulting "Eclipse". Oak Trees. Wood Pigeons. Rooks. White or Evening Campion. Red Campion. Creeping Buttercup. Elderberries. Crab-apple Trees].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 24<sup>th</sup> October. 1952. Beauty in a Railway Yard. Hill-beck Bird. Kingfisher too. Taken for a Ride. Croglin Gorge. Pipits here again. Sweet and Plaintive. Source of Attraction. [Subjects include : River Caldew. Hawkweed. Goldfinches. Grey Wagtail. Nunnery Walks. Sandstone Landscape].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 31<sup>st</sup> October, 1952. Killed by Loco Corn Bunting (with an account of their presence in the Carlisle area). Grey Geese of Solway. Three Kinds. Changes in Half a Century. Prevailing Pinkfoot. Barnacle Goose. Geese are Grazers. Favourite Haunts. Eastward Bound. [Subjects include : Solway. Corn Bunting. Greylag Goose. Bean Goose. White-fronted Goose. Brent Goose. Rockcliffe Marsh].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 8<sup>th</sup> November, 1952. Autumn Song Bird. Skylark and Thrush. Moonlight Ramble. Birds came Home. Redwings Cry. Red for Danger. Drifting Gulls. [Subjects include : Birdsong in Autumn. Skylark. Winter Thrushes. Song Thrush. Birch Trees. Beech Trees. Roosts. Fungi - Fly Agaric. Partridge. Gulls. Curlew].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 14<sup>th</sup> November, 1952. Waifs of the Storm. Carlisle Victim. "Wreck of Petrels". Fork-tailed Variety. Curious Birds. 200 Miles from the Eggs. Mother Carey's Chickens. Tullie House Treasure. [Subjects include : Storm Petrel. Leach's Petrel. Frigate Petrel donated to Tullie House in 1890].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 21<sup>st</sup> November, 1952. Drear November. T'old Cottage. After the Rabbits. Just for Oorsel's. Inquisitive Cattle. Lying out. Clearing the Coppice. Woodpecker Wood. Rabbit Catcher. [Subjects include : Poaching. Rabbits. Snares. Ferrets. Saw-pit Wood. Freeman's Well Wood. Rabbit's 'Sett' or 'Form'. Cattle].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 28<sup>th</sup> November, 1952. Walking in the Dark. Beyond the Last Lamp. Glow in the West. Roadside Beck. Hedge-song Bird Babble. "The Ole Hoose". 1692 Date stone. Interior Features. [Subjects include : Country Walks. Darkness of Sky. Iron Works. Derelict Farm House].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 5<sup>th</sup> December, 1952. Frozen Countryside. Colour in Winter. Single Robin. Big Blackbirds. Hanging Kestrel. Arctic Woodlands. Badger Earth's. New Homes. Frozen Fern. Fellow Rover. [Subjects include : Upperby Park, Carlisle. Robin Territory. Yellow Buntings. Kestrel. Flora : Lady Fern. Buckler Fern].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 12<sup>th</sup> December, 1952. Bird Casualty List. Oiled Victims. Rare Phalarope. Seen on Solway. Winter Brambling. The Same Haunt. Mysterious Behaviour. [Subjects include : Fork-tailed Petrel "Wreck". Ernest Blezard. Carlisle Natural History Society. Ralph Stokoe. Grey Phalarope - Windermere. Phalarope Migration. Brambling Flocks. Chaffinches. Waxwings. Bunkers Hill].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 19<sup>th</sup> December, 1952. More about Oiled Birds. Quarter of a Million. Method of Cleaning. In the Nearest Wood. Threshing Beans. "Soft Grun". Jays and Tits. A Buzzard. Protesting Rooks. [Subjects include : Oil Pollution. Golden Plover. Bean Harvest. Threshing Machine. Jay. Tits. Rooks. Buzzard].
- 1952 Carlisle Journal. 26<sup>th</sup> December, 1952. A Naturalist's Christmas : Stalking Wild Geese. Wondrous procession of thousands. Moving a Flock. Co-operation. Ruse Successful. Now the Stalk Begins. Doggo. Binoculars now. Unfortunate Move. [Subjects include : Solway. Wildfowling. Wild Geese. Estuaries of the Esk and Eden. Marsh Grass. Stalking. Solway Estuary].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 26<sup>th</sup> December, 1952. To Horseholme. From Moscow (Weather). Ravens on the Moor. "No slack time". Daily Round. Christmas Dinner. [Subjects : Collecting Christmas Geese from Gilsland. Ravens. Sheep Farmers/Shepherds. Frozen Rivers. Winter Snow and Ice. Climate].
- 1953 Onlooker : Carlisle Journal. 2<sup>nd</sup> January, 1953. A shower of Spiders. A Naturalists Comments on a

Phenomenon - (An account of a shower of spiders reported in the Carlisle Journal 5<sup>th</sup> October, 1869. [Subject : Spiders floating from the sky. Also Brief reference to a Bee that catches spiders observed on the Moors].

- 1953 Onlooker : Incidental Notes. Carlisle Journal. 2<sup>nd</sup> January, 1953. Old Haunts. On the Stubble. Down the Lane. Holly Berries. Pond in the Wood. Kingfisher Haunt. Birds on the Beck. In the Gloaming. Seasonable Solitude. [Subjects include : Gilsland Moor. Upperby Park, Carlisle. Holly. Tufted Duck. Mallard. Coot. Moorhen. Yellow Bunting. Linnets. Wood Pigeons. Blackbird. Fieldfare. Redwing. Kingfisher. Rabbits. Bullfinch].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 9<sup>th</sup> January, 1953. Winter Weekend. A Stoat Appears. Chase Interrupted. The Long Trail. Like Runners and Horses. Circular Tour. Following the Gorge. Mountain Linnet. Wonderful Waterfall. [Subjects include : Gilsland Moor. Stoats. Rabbits. Turnip "Snaggers". Snow. Twite. Blackcock. Carrion Crow].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 16<sup>th</sup> January, 1953. Moorland Sheep. Shepherds talk. Young Otters in Winter. Return Journey. Through Hazy Half light. Strange Birds. Recognition. Evening Star. Warwick Road Wagtail. [Subjects include : Sheep Farming. Otter. Snow. Great Black-backed Gull. Grey Wagtail].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 23<sup>rd</sup> January, 1953. Local Field Notes. Years in Review. Natural History Value. Another Instance. Opinions Wanted. Solway Sight. Mammals as well. Thirty Years Work. [Subjects include : Recording Local Field Notes. Carlisle Natural History Society. Cuckoos. Red Grouse. Golden Plover. Roe Deer. Red-breasted Mergansers. Bewick's Swan].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 30<sup>th</sup> January, 1953. Birdsong in January. Nature's New Year. Thrush's Return. New Songster. Trees and Flowers. Solitary Snowdrop. Snow Bunting. Where they Came From. Jutland and Lapland. [Subjects include : Thrushes. Blackbirds. Skylarks. Bird ringing and migration. Flora : Hazel Catkin. Crocus. Snowdrops].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 6<sup>th</sup> February, 1953. False promise. Worst of Winters. In the Snowdrop Glade. Pulse of Spring. In the Wood. Among the Beeches. [Subjects include : Winter landscape and weather. Early Honeysuckle. Dog's Mercury. Snowdrops. Hart's Tongue Ferns. Roe Deer Trail. Hazel Catkins. Birds and Beech Mast's. Water Ouzels].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 13<sup>th</sup> February, 1953. Early Nesting Birds. Cast Shells. [Heron Egg] Faithful Ravens. Quarter Century Back. Memorable Visit. Solitude and Silence. Homeward Trek. [Subjects include : Snow. Heron nesting habits. Lakeland Ravens].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 20<sup>th</sup> February, 1953. Despite the Blizzard. Meadow Pipits. Returning Wild Geese. City Kestrel. City Guise. Eye on the Hawthorn. Gulls at the Tip. Geese Gathering. [Subjects include : Snow. Meadow Pipit. Wild Geese. Kestrels in Carlisle. Hawthorne Buds. Herring Gulls on Rubbish Tips].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 27<sup>th</sup> February, 1953. One Fine Day. Sun on the Surface. Down the Lonning. Peewits Return. Spring Scene. Evening Calm. Incautious Bird. [Subjects include : Flora : Coppice Work. "Pussy-Willow". Dog's Mercury. Water Voles. Skylarks. Rabbits. Pheasant. Bird Song - Dusk Chorus].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 6<sup>th</sup> March, 1953. Peewits Return. And Curlews. Disused Quarry. Snowdrops. Relic of the Past. Woodpeckers Woo. Heron Flight. Badgers Gone? By the Beck. Home-going. [Subjects include : Peewits/Lapwing. Curlew. Disused rubbish pits. Flora : Celandine. Snowdrops. Hart's-tongue Fern. Neglected Sand Quarry. Bluebells. Carlisle New Market (!887-1889). Great-spotted Woodpecker. Heron. Badger's earth. Common Gulls].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 13<sup>th</sup> March, 1953. Moors in March. Fells in Fine Fettle. Few Peewits. Absent Pipits. Red and Black Grouse. First Frog Spawn. Where Winter Lingers On. [Subjects include : Ravens. Celandines. Peewits/Lapwing. Black-headed Gulls. Meadow Pipits.(or Heather Lintie). Dippers. Water Ouzel. Frog Spawn. Sheep "Heaf"].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 20<sup>th</sup> March, 1953. Weather "Good" and "Bad". Seen from a Bus. Fewer Peewits/Lapwing. Effect of the Tractor? Common Gulls. East and West. Fieldfare Flock. [Subjects include : Peewits. Effect of Farm mechanisation. Common Gulls. Solway. Fieldfare Flock (Approx 500-600)].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 27<sup>th</sup> March, 1953. Wonderful Weekend. Misty Morning. In the Gorge. Shot Scar. Into the Sunlight. Moor-burning. Moorland Birds. Seven Lynns. Muckle Samuel. [Subjects include :- North Cumberland Moors. Gilsland. Irthing Gorge. Ferns. Spleenwort. Shot Scar. Cramel Gorge. Foxes. Jackdaws. Stock Doves. Dipper. Golden

- Plover. Skylark. Meadow Pipit. Horseholme. Muckle Samuel Gorge. "Big Samel"].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 10<sup>th</sup> April, 1953. Where Heron's Nest. Less Popular Haunts. Heronries past and present. Birds in the Wind. Deer Disturbed. Woodland Laughter. Rival Rooks. [Subjects include : Herons. Rooks. Roe Deer scrapings. Green Wood-pecker. Rookeries. Rook/Heron conflicts].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 17<sup>th</sup> April, 1953. Easter Weekend. Winter to Spring. Fell Beck. Pair of Buzzards. Under View. Outstanding Features. Dignity to Imprudence. Where I Sat. and photographs. [Subjects include : Snow. Becks/Streams. Buzzards. Carrion Crow. Red Grouse. Flora : Larch Trees. Mossy Saxifrage].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 24<sup>th</sup> April. 1953. Oh! To be in England. Snow and Sunshine. Cooing Chorus. Gulls and Snipe. Woodcock. Peewits and Plover. [Subjects include :- Spring Vegetation. Coppices. Wood Pigeon. Green Woodpecker. Common Gulls. Snipe. Woodcock. Redshank. Oystercatcher. Peewit/Lapwing. Golden Plover].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 1<sup>st</sup> May, 1953. A Stranger. In a Strange Land. First Corncrake. Cuckoo. Glint of Solway. [Subjects include : Spring vegetation. Wheatear. Swallow. Corncrake. Cuckoo. Redstart].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 8<sup>th</sup> May, 1953. A Fell Tarn. Blithe Spirits. The Crying, Peewit. Shore Waders. Handsome Plovers. The Plovers Eggs. [Subjects include : Skylark. Peewit/Lapwing. Dunlin. Golden Plover].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 15<sup>th</sup> May, 1953. Uncommon Visitor. Canary Yellow. Tricksters. Helm Bar. At Any Time. [Subjects include : Reed Bunting. Water Rail. Yellow Wagtail. Helm Wind].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 29<sup>th</sup> May, 1953. Beyond Roanhead. Rare Nesting. Hen Harrier. Wigeon. Raven. Cuckoos and Plovers. [Subjects include : Hen Harrier. Wigeon. Raven. Cuckoo. Plover].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 5<sup>th</sup> June, 1953. To Todcrag Lough. Fox Crag. Bumble Bees. The Cloudberry. Beck-side Birds. [Subjects include : Bumble Bee (*Bombus lucorum*). Grey Wagtails. Flora : Bilberry. Cloudberry].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 12<sup>th</sup> June, 1953. The Long Bar. Bewcastle Cross. Where it Came From. Rare Treasure. Peat Cutting. Job for Two. No Coal Needed. Ever-open-door. [Subjects include : Bewcastle Cross. Slighty Fell. Peat Cutting. Remote Country Living].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 19<sup>th</sup> June, 1953. The Croft at Paddaburn. Doubling the Miles. Homes of the Past. Stock Dove and Butterflies. Encroaching Forestry. A Long, Steady Climb. Moorland Birds. [Subjects include : Fettle Hall. Christianbury Fell. Stock Doves. Hibernating Butterflies (Peacock and Tortoiseshell). Wild Goats. Meadow Pipits ("Titlark"). Skylark. Red Grouse].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 6<sup>th</sup> June, 1953. Down the Fell. Wonderful View. The Birth of the Becks. A Forsaken Cottage. No More Swallows. Teal's Nest. A Neat Affair. [Subjects include : Slighty Fell Range. Tarnbeck. Gairburn. Swallows. Teal. Mallard].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 3<sup>rd</sup> July, 1953. Sheep Farms. Flows and Mosses. Nesting Gulls. White Hill. The Bulrush. The Water Plant. Golden Plover. [Subjects include : Paddaburn. Redsike. Peat Mosses. Cotton Grass. Black-headed Gulls. Hitchens Crook. Cloak Pool. Kettle Pool. "Log Water". Watendlath Tarn. Flora : Reed Mace. Cotton Grass. Globe Flower].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 10<sup>th</sup> June, 1953. Mysterious Mounds. "Summer Sheilings". Annual herding. Bad Weather. Voices in the Mist. An Enchanted Scene. The Hidden Road. A Deception. [Subjects include : White Hill. Mounds. Sheep. Cattle. Paddaburn. Golden Plover. Kestrel. Stock Dove].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 17<sup>th</sup> July, 1953. Contrasts. The Solway. Dual Haunts. Curlews. Quite at Home. No Explanation. Characteristics. Never out of Sight. [Subjects include : Golden Plover. Curlew. Dunlin. Redshank. Oystercatcher. The reliance of birds upon different environments during the year].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 24<sup>th</sup> July, 1953. A Snug Hut. Strange Bird. The Black Tern. Made to Measure. Ways of the Waders. Sociable Birds. Changing Conditions. Goosanders. [Subjects include : Solway. Black Tern. Dunlin. Ringed Plover. Oystercatchers. Redshank. Goosanders. Flora : Golden Trefoil].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 31<sup>st</sup> June, 1953. A Day Off. A Badger Earth. They

- Stayed. Critical. Roe Deer. Hidden. Fox Tracks. [Subjects include : Badgers. Roe Deer. Fox. Buzzard].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 7<sup>th</sup> August, 1953. A Curious Landmark. Ice Age Relic. Dropped Quite Soon. From Shap to York. Corner Seats . Other Evidence in the forest. [Subjects include : Geology. Boulder Rocks. Shap Granite. Boulder Clay. Drumlins. Brampton. Crofton. Flora : Yellow Rock-rose. Thyme. Marsh Thistle].
1953. Onlooker : Incidental Notes. Carlisle Journal. 14<sup>th</sup> August, 1953. A Buzzard. Like a Star. A Nest. New Bird. Wild Strawberries. Stony Becks. Dragonflies. Butterflies. [Subjects include :- Buzzards. Whinchat. Wild Strawberries. *Aeshna cyanea*. Large Red Damsel. Marsh Fritillary. Butterfly. High Brown Fritillary Butterfly].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 21<sup>st</sup> August, 1953. Glorious Twelfth. Warning. Labour saving. Wheat. Potatoes. An Old Road. A Green Lane. Impassable Tangle. Cat and Kitten. Beautiful Berries. Ready to Leave. [Subjects include : Harvest. Winter Wheat. Potatoes. Common Gulls. Cats and Kittens. Guilder Rose Hips. Peewits/Lapwings].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 28<sup>th</sup> August, 1953. The Fells After Rain. Music of the Water. Rich in Colour. Talkative Beck. Summer Beauties. Stately Flower. Red Grouse. Curlew. Peewits. First Woodpecker. [Subjects include : “Cosh” Re-discovered. Precious Pipe. Flooded Streams./Becks. Red Grouse. Peewits/Lapwings. Kestrel. Blackcock. Green Woodpecker. Flora : Grass of Parnassus. Thyme. Sheeps-bit-Scabious].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 4<sup>th</sup> September, 1953. To the Woods. Fine Beeches. Woodpecker Haunt. A Buzzard. Stranger. Same One? Not Laughing. [Subjects include : Beech Trees. Green Woodpecker. Buzzard].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 11<sup>th</sup> September, 1953. A Rare Event in the Life of a Naturalist. A Greenshank. Uncommon. Seeking Food. Tense Uncertainty. Sharp Stabs. Unafraid. Complete Confidence. A Third Visitor. Conflict. Falcon. How it Happened. Hungry. Instant Death. Back Again. Dignified Exit. [Subjects include : Solway. Rockcliffe. Greenshank. Peregrine Falcon (Immature)].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 18<sup>th</sup> September, 1953. Another Greenshank on the Solway Marshes. Home Made Jam. Swirling Tide. The “Brow-edge”. Arresting Note. Wings Raised. Over the Grey Water. Shore-shooters. Goosanders. Calling the Cows. [Subjects include : Brambles. Solway. Tides. Five Greenshanks. Goosanders. Cattle].
- 1953 Onlooker delves into the weeks postbag. Young Shepherd. Book of Birds. A Rare Bird. Never Alive. It’s Family. Rare Visitor. Like a Corncrake. Good Condition. Wheatear in City. A Wanderer. Goosanders. [Subjects include : Spotted Quake. Ernest Blezard. Great-crested Grebe. Goosander].
- 1953 Carlisle Journal. 2<sup>nd</sup> October, 1953. “Onlooker” describes a little girls rare find. From Africa. A Large Tin. Something New. Year’s Absence. Wing Span of Five Inches. Faded Specimens. Green to Brown. The Wings. And pays a Tribute to Mr Robert Service Forsythe - a portrait of a Great Naturalist. [Subjects include. Oleander Hawkmoth].
- 1953 Carlisle Journal. 9<sup>th</sup> October, 1953. “Onlooker” writes of an extraordinary sight. Spread Out. Many Birds. About 30,000. Black and White. They Band Together. Not Easy to Explain. Non-Nesters. And an Unsavoury parcel. Little Tern. Sea Swallows. Found on Fell. [Subjects include :- Solway Estuary. Waders. Oystercatchers. Golden Plover. Curklew. Peewits/Lapwings. Dunlin. Godwits. Sanderling. Knot. “Flocking behaviour”].
- 1953 Carlisle Journal : 16<sup>th</sup> October, 1953. “Onlooker” describes a unique occasion. All Day Business. Sixty-two Entries. What they do. Three Sheep, One Dog. Critical Part. With Speed. The Climax. They Close in. [Subjects include : Sheepdog Trials. Sheep. Sheepdogs. Shepherds. Horseholme. Gilsland].
- 1953 Carlisle Journal. 23<sup>rd</sup> October, 1953. The Moors and Fells in Autumn described by Onlooker. Not Alone. A Fox. White Tailed. Less Red. Redwings. An Uncommon Plant. In Geltsdale. More Varied. Fieldfares. Attracted by Berries. Woodpeckers [Subjects include : Indian Summer. Black-faced Sheep. Fox. Redwings. Grass of Parnassus. Geltsdale Valley. Bracken. Trees : Alder. Ash. Rowan. Berries. Great-spotted Woodpecker. Green Woodpecker. Gilsland. River Irthing. Fieldfares].
- 1953 Carlisle Journal. 30<sup>th</sup> October, 1953. Onlooker A An Interesting Day on the Solway Shore. A Fine Day. Greenshank Again. “Cut Yeat”. Thousand Birds. East Whins. Colour at Eventide. Frantic Stoat. Great Again. Wonderful Inheritance. [Subjects include : Solway. Tides. Massed Waders.

- Greenshank. Oystercatchers. Great Blacked -backed Gull. Stoat].
- 1953 Carlisle Journal. 6<sup>th</sup> November, 1953. Onlooker Wanders Through the Tree Belt Which Surrounds Carlisle. Old Inglewood. Colour and Contrast. A Burning Beech Hedge. Fruit and Flowers. Birds on the Stubble. The Cow in the Lonning. Soft and Wet. Birds at Evening. [Subjects include : Coppice. Durdar. Burthwaite. Beech Hedging. Autumn Fungi. (not specified). Bramble fruit. Yellow Bunting. House Sparrows. The "Tag" (White tip of a Foxes tail), Cattle. Fieldfares. Redwing. Golden Plover].
- 1953 Carlisle Journal : 13<sup>th</sup> November, 1953. Onlooker spends a Wet Day in the Woods. Woodpigeons. Roe Deer. Roe is smallest. The Ponds. Patter of Rain. Silted and Shallow. Tempting Toadstools. [Subjects include : Woodpigeons. Roe Deer. Mallard. Carp. Fungi : Fly Agaric. and Birch Bracket].
- 1953 Carlisle Journal : 20<sup>th</sup> November, 1953. Onlooker The coming of the Redwing. Penetrating Cry. Keener Application. Eyes and Ears. Through the Night. Sixty Years Ago. The Best Singer. They Suffer in Winter. Starved to Death. Like a Small Thrush. Favourites. [Subjects include : Redwing. Reference to H.A.MacPherson].
- 1953 Carlisle Journal. 27<sup>th</sup> November, 1953. "Onlooker" hears a Cry in the Night. From the Ponds. Big and Powerful. What was it? The Answer. Back in 1678. Will They Stay. Trumpet Like. More Proof Needed. The Real Home. And a Bird Spring Song in November. Regular Feature. The Few. [Subjects include : Canada Geese. Song Thrush].
- 1953 Carlisle Journal. 3<sup>rd</sup> December, 1953. "Onlooker" describes Solway Wildfowl. Timid and Shy. Suitable Haunts Scarce. Wild Swans. Distinctive Features. The Geese. Grazers. Greylag. Pink-footed. [Subjects include : Solway Firth. Wildfowling. Bewick's Swan. Mute Swan. Whooper Swan. Pink-footed. Greylag. Rockcliffe. Salt Marsh].
- 1953 Carlisle Journal. 11<sup>th</sup> December, 1953. Onlooker The Ringed Goose from Iceland. In Iceland. 15,000 Birds. "Catching Pen". On the Lough. 16 Bewick's. Wonderful scene. [Pink-footed Goose. Bird Ringing. James Fisher. Thurstonfield and Monkshill Loughs. Mute Swan].
- 1953 Carlisle Journal. 18<sup>th</sup> December, 1953. This Mild Winter has Shattered Some Fond Beliefs, say Onlooker. Bats Abroad. Are the Signs Right? Paradoxical Crossbills. An Invasion. in Cumberland and Westmorland. [Subjects include : Crossbills. Winter Thrushes. Redwing. Bat (Not identified) at Kirkandrews. Wild Swans. Flora : Chickweed. Dandelions. Gorse. Groundsel].
- 1953 Carlisle Journal. 25<sup>th</sup> December, 1953. "Onlooker" Collects the Xmas bird. Tawny Moors. Bridge Building. Cattle Grids. Peat Fires. [Subjects include : Horseholme. Gilsland Moor in winter. River Irthing. Sheep Farms. "Bailey Bridge". Peat as Fuel].
- 1954 Carlisle Journal. 1<sup>st</sup> January, 1954. "Onlooker" discusses this "Chill" Business and has a peep into the Country. Amongst my Books. Ten by Jefferies. A peep in the Country. Redwings. [Subjects include : The discomfort of having a chill. Favourite books and reading. The Author Richard Jefferies. Upperby Park, Carlisle. Mallard. Coot. Waterhen/Moorhen. Tufted Duck. Redwing. Wood Pigeons. Stockdove].
- 1954 Carlisle Journal. 8<sup>th</sup> January, 1954. Onlooker Reviews the Main Events of 1953. "An Interesting Year". Becks and Buzzards. "A must". Just on Source. Lemonade Bottle. [Subjects include : Carlisle Natural History Society (CNHS). Black Tern. Spotted Crake. Waders. Canada Goose. Winter Swans. An old bottle stamped Hopes Aerated Water, Wigton].
- 1954 Carlisle Journal. 15<sup>th</sup> January, 1954. "Onlooker" visit's a fairyland...and gets his feet wet. Birds Eye View. Solitary Pipit. Frozen Waterfall. [Subjects include : Gilsland Gorge. River Irthing. Frost and Ice. Roe Deer. Meadow Pipit. Grouse].
- 1954 Carlisle Journal. 22<sup>nd</sup> January, 1954. "Onlooker" reviews a new local book. Two Moorland Birds. Siddick Pond. 295 Birds. [Subjects include a Review of :-The Food of Birds, Transactions of the Carlisle Natural History Society, Vol 8. Featuring Ernest Blezard. Tom Johnston. Robert H. Brown. Ray Stokoe. Greater Black-backed Gulls].
- 1954 Carlisle Journal. 29<sup>th</sup> January, 1954. "Onlooker" goes to a Snowdrop Glen. Modest Plants. Plants of Note in the Valley. Our Smallest Birds. Heart of the Wood. Tufted Duck. [Subjects include : Flora : Snowdrops. Harts-tongue Fern. Alder Catkins. Badger Earth. Large flock of Chaffinches (Apprx 500). Goldcrests. Wren. Pinioned Pink-footed Geese. Upperby Park, Carlisle].
- 1954 Carlisle Journal. 5<sup>th</sup>, February, 1954. Even in this weather Onlooker finds hints of the coming Spring. Day Dawns. Field Voles at Play. First Flowers of the Season. Pipits here again. [Subjects include : Field Voles. Meadow Pipits ("Titlarks"), Flora : Coltsfoot].

- 1954 Carlisle Journal 12<sup>th</sup> February, 1954. Onlooker goes for a Winter's Day Stroll. Fieldfares. Green in the Hedge. Torch Wood. 100 Yellow Bunting. [Subjects include : Winter in Carlisle and District. Upperby Park. Fieldfares ("Felties). Early Honeysuckle. Ferreting. Rabbits. Goldcrests. Tits. Partridge. Bracken. Glacial Boulder. Snipe. Yellow Bunting ("Bessie")].
- 1954 Carlisle Journal. 19<sup>th</sup> February, 1954. Myxomatosis and Coccidiosis : their effect on our Rabbit Population by Onlooker. Rabbits. Causes of Scarcity. Tufted Duck. Grey Wagtail. [Subjects include : Myxomatosis and Coccidiosis. Rabbits. Tufted Duck. Grey Wagtail].
- 1954 Carlisle Journal. 26<sup>th</sup> February, 1954. "Onlooker" visit's the Heron Wood. Roe Deer. The Bird Life. [Subjects include : Heron. Roe Deer (not seen but records the signs of activity (Scrapings). Woodcock. Tawny Owl].
- 1954 Carlisle Journal. 5<sup>th</sup> May, 1954. "Onlooker" is reminded of the Great Frost of 1929. Coming of the Curlew. [Subjects include : Frost. Snow. Early Dawn Chorus. River Eden. Tits. Rooks. Mallard. Goldeneye. Goosanders. Red-necked Grebe. Curlew. Peewit. Whooper Swan].
- 1954 Carlisle Journal. 12<sup>th</sup> March, 1954. The End of a Heronry and a One Eyed Owl by "Onlooker". The Cause. A Late Rookery. A Curious Naturalist. [Subjects include : Herons. Rooks. Tawny Owl].
- 1954 Carlisle Journal. 19<sup>th</sup> March, 1954. A Mouse in the House by Onlooker. Did the Owl Know? An Adder. Dreaded Reptile. Singing the lamp-light. [Subjects include : House Mouse? Tawny Owl. Adder. Robin Singing. Hedge Sparrow].
- 1954 Carlisle Journal. 2<sup>nd</sup> April, 1954. "Onlooker" at another Heronry. Brooding Young. Heartening Spring. Signs of Spring. [Subjects include : Herons. Curlew. Bogs and Mosses. Carrion Crow. Flora : Cotton Grass].
- 1954 Carlisle Journal. 10<sup>th</sup> April, 1954. "Onlooker Pays a visit to the Fell". Buzzards. Woodcock. Hares. [Subjects include : April Showers. Flora : Celendines. Bracken. Carrion Crows attacking Buzzards. Woodcock camouflage. "roding". Fell Hares. Scotch Hares].
- 1954 Carlisle Journal. 16<sup>th</sup> March, 1954. The Flowers that Bloom in the Spring by "Onlooker". Toothwort. Ancient Badger Earth. [Subjects include : Alder. Ash. Celendines. Anemone. Elm. Primroses. Cuckoo-pint. Wild Hyacinth. Violets. Toothwort. Dog's Mercury. Moschatel. Sallow Catkins. Larch. Badger remains].
- 1954 Carlisle Journal. 24<sup>th</sup> March, 1954. Mystery of the Herons by "Onlooker". The Herons Return. 16 Occupied Nests. An off-shoot. Roe Deer. New Badgers Earth. [Subjects include : Herons. Roe Deer. Badgers. Mallard Nest].
- 1954 Carlisle Journal. 27<sup>th</sup> April, 1954. Spring hasn't arrived with a flourish by Onlooker. Field Mouse Hideout. Semi wild Pigeons. The Brent Goose. [Subjects include : Herring Gulls and their change of plumage. Field Mouse. Brent Goose.].
- 1954 Carlisle Journal. 30<sup>th</sup> April, 1954. Visit to the Sandstone Fells by Onlooker. Ancient Tarn. Wheatears. Disused Quarries. Stock Dove. [Subjects include : Barrock Pike. Blazefell. Sandstone Quarry. Tarn Wadlin. Swallow. Wheatear. Records of Isebelline Wheatear. Near Allonby. Curlews. Carrion Crow. Green Lizard (Deceased)].
- 1954 Carlisle Journal. 7<sup>th</sup> May, 1954. It is Bud and Blossom Time again by Onlooker. May Day. First Migrants. Cock-fight. [Subjects include : Swallows. Cuckoo. Whitethroat. Butterflies. Tortoiseshell. Peacock. Green Hairstreak. Fungi : *Morchella esculenta* (Morrell). Pheasant. Game Keepers (Vermin Pole)].
- 1954 Carlisle Journal. 14<sup>th</sup> May, 1954. Real Spring Weather - at last by Onlooker. A Rough Track. From the Ice-age. [Subjects include : Larks. Swifts. Cuckoo. Whitethroats. Ancient Well-head. Sunken Becks. Flora : Violets. Primroses].
- 1954 Carlisle Journal. 21<sup>st</sup> May, 1954. It's Blossom time in the Country by Onlooker. Flowers in Badger Wood. Swineslow Cottages. Corncrake heard. Hedgehog on Doorstep. [Subjects include : Crosby on Eden Curlew Nest. Hedgehog Flora : May Blossom. Bird Cherry. Crab Apple. Forgetmenots. Bluebells. Arum Lily. Trees : Oak and Ash].
- 1954 Carlisle Journal. 28<sup>th</sup> May, 1954. Solway Marshes in May by Onlooker. Local Confusion. Screaming Peewits. Much Harried Gulls. [Subjects include : Saltmarsh. 'Stinting Day' on Rockcliffe Marsh. Bird Song and territorial behaviour. Peewits/Lapwing. Oystercatchers. Skylark. Black-backed Gull - egg collection. Herring Gulls. Common Gull].
- 1954 Carlisle Journal. 2<sup>nd</sup> June, 1954. Onlooker in Black Lyne Valley. Barn Owls. Nest. Stock Dove. At the Sheep Fold. [Subjects include : Barn Owl. Stock Dove. Kettle Hall. Peat Stacks. Christianbury Craggs. Curlew. Red Poll. Linnets. Willow Warbler. Yellow Bunting].
- 1954 Carlisle Journal. 11<sup>th</sup> June, 1954. Onlookers Holiday Outing. The Loughs. Marsh Birds. [Subjects

- include : Thurstonfield Lough. Monkhill Lough. Lesser Marsh Sedge. Mallard. Peewit. Swallows. House Martin. Tawny Owl. Sedge Warbler. Reed Bunting. Buck-bean. Early Purple Orchid].
- 1954 Carlisle Journal. 18<sup>th</sup>, June, 1954. Onlooker explores Geltsdale. Its Wildlife. Moorland and Migrants. Merlin Pair. A Buzzard. [Subjects include : Birch Tree. Tree Pipit. Cuckoo. Ring Ouzel or 'Mountain Blackbird'. Merlin. Willow Warbler. Wood Warbler. Meadow Pipit. Buzzard].
- 1954 Carlisle Journal. 25<sup>th</sup> June, 1954. Onlooker visit's the Upper Gelt. Bleaberry Gill. Whinchats Nest. Beckside Birds. [Subjects include : Gelt Valleys. Whinsill Craggs. Primrose. Golden Saxifrage. Bitter Vetch. Red-spotted Saxifrage. Butterwort. Golden Plover. Skylark. Carrion Crow. Willow Warblers. Whinchat. Buzzard. Sandpiper. Buzzard].
- 1954 Carlisle Journal. 2<sup>nd</sup> July, 1954 Onlooker in Black Lyne Valley. Barn Owls Nest. Stock Dove. At the Sheep Fold. [Subjects include : Barn Owl. Stock Dove. Kettle Hall. Peat Stacks. Christenbury Craggs. Curlew. Red Poll. Linnets. Yellow Bunting].
- 1954 Carlisle Journal. 9<sup>th</sup> July, 1954. Moorland trek by Onlooker. Distance and Time. 'Live long'. The Craggs. Sprawling Carlisle. [Subjects include : Roadhead-White Hill. Orpine. Hodgson's Flora of Cumberland. Goosander nesting site. Crew Moor. Cotton Grass. Overview of Carlisle and Solway].
- 1954 Carlisle Journal. 16<sup>th</sup> July, 1954. Where beck's are born. by Onlooker. Bewcastle Fells. A Delightful Day. A Raven's Crag. [Subjects include : Grey Fell Common. Raeholes Sike. Tarn Beck. Red Grouse. Oak Eggar Moth. Butterwort. Peewit/Lapwing. Golden Plover. Meadow Pipit. Ravens].
- 1954 Carlisle Journal. 30<sup>th</sup> July, 1954. Onlookers Moorland Trek ends. Carrion Crows. On Linen Sike. Wildlife. Fine Scene. [Subjects include : White Hill. Horseholme. River Irthing. Plantations. Carrion Crows. London Pride or St Patrick's Cabbage.(Garden escape?). Saxifrage. Moss Catherine Waterfall.
- 1954 Carlisle Journal. 6<sup>th</sup> August, 1954. A Favourite Haunt Re-visited by Onlooker. Delightful field Track. Limestone Flora. Young Forest. Strange Cries. [Subjects include : Fringe of Skiddaw. Carrick Fell. Hedge parsley. Crosswort. Red Clover. Red Wood Cranesbill. Speedwell. Marguerites. Badger Earth. Limestone Craggs. Birds-eye-primrose. Butterwort. Thyme. Spruce. Larch. Scotch Pine. Carrick Fell. Buzzard. Jackdaw. Bullfinch. Yellow Buntings. Redstarts. Roe Deer].
- 1954 Carlisle Journal. 13<sup>th</sup> August, 1954. Oystercatcher haunts on the River Irthing by Onlooker. Rare Sandpiper. Goosander Brood. [Subjects include : Oystercatcher. Sandpiper. Green Sandpiper. Goosander].
- 1954 Carlisle Journal. 20<sup>th</sup> August, 1954. Signs of the advancing year by Onlooker. Plovers. The Distinction. Treacherous Sand. Two Migrants. [Subjects include : Peewits/Lapwing and their migration. Golden Plover. Greenshank. Yellow Wagtail. Solway Quicksand].
- 1954 Carlisle Journal. 27<sup>th</sup> August, 1954. Visit to a 'Clashed' Countryside by Onlooker. Common Gulls. Peewits / Lapwing. Wood Pigeon ('Cushants'). Young Larch Trees. The Old Road. Encounter with a Coo. [Subjects include : A Soddan Countryside. Rain. The Common Gull. Larch Plantations. Magpies. Cattle. A Gamekeepers vermin display].
- 1954 Carlisle Journal. 3<sup>rd</sup> September, 1954. Distinguished visitor to the district by Onlooker. When its Dark. Golden oriole. Rare Visitor. [Subjects include :- Curlew Migration 'Great flocks over Carlisle'. Golden Oriole].
- 1954 Carlisle Journal. 10<sup>th</sup> September, 1954. Country Chronicle by Onlooker. Tawny Wheatears. Mystery Bird. Which is which? 'East Whins' A Falcon. [Subjects include : Bowness-Cardurnock Peninsular. Tidal movements. Wheatears (Many). Richards Pipit, possible sighting. Peregrine Falcon].
- 1954 Carlisle Journal. 17<sup>th</sup> September, 1954. There was a Snake at the Bottom of Kingmoor Road Garden. The Grass Snake. The Smooth Snake. The Adder. The Adder's Kiss. Adder's 'hall-mark'. [Subjects include : The identity of the snake was not identified from the description given to R.G but he took the opportunity to talk in general about snake species in Cumberland].
- 1954 Carlisle Journal. 24<sup>th</sup> September, 1954. After the Storm by Onlooker. Farmers Faith. Colour gone. Different Chorus. [Subjects include : Persistent rain. Harvest problems. Willow Herb. Parsley. Hogweed. Hemlock. Birds Roosting. Peewits/Lapwings].
- 1954 Carlisle Journal. 8<sup>th</sup> October, 1954. The Great trek begins again. A Great Jig-Saw. Wildfowl. Early Investigators. [Subjects include : Autumn Migration. Waders and Gulls. German Naturalist-

- Heinrich Gatke. Dr Eagle Clarke. British Bird Ringing Scheme].
- 1954 Carlisle Journal. 15<sup>th</sup> October, 1954. Country Chronicle : The Worlds Population. Off to Other Haunts. The Climax. [Subjects include : Migratory Geese. Pink-footed Geese. Brent Geese. Wild Geese].
- 1954 Carlisle Journal. 22<sup>nd</sup> October, 1954. Country Chronicle : Move of the Wild Solway Fowl. Greylag. White-fronted. [Subjects include : Migration. White-fronted Geese. Greylag Geese. Solway].
- 1954 Carlisle Journal. 29<sup>th</sup> October, 1954. Country Chronicle : Mallard. The Wigeon. The Teal. Pintail. [Subjects include : Surface feeding Ducks. Mallard. Wigeon. Teal. Pintail. Solway].
- 1954 Carlisle Journal. 5<sup>th</sup> November, 1954. Country Chronicle : Shovel-shaped Bill. The Gadwall. [Subjects include : Solway. Ducks. Shoveler. Gadwall. Teal. Garganey].
- 1954 Carlisle Journal. 12<sup>th</sup> November, 1954. Country Chronicle : In the Woods. The Rabbit Catcher. [Subjects Include : Rooks. Autumn Colours (foliage). Signs of Badgers. Gamekeepers. White Magpie. Myxomatosis].
- 1954 Carlisle Journal. 19<sup>th</sup> November, 1954. Country Chronicle : The Mill Pond. An attractive Scene. In the Woods. [Subjects include : Autumn Fruits. Thurstonfield Lough. Monkhill Old Water Mill. Farm Geese. Mute Swans. Tufted Duck. Teal Snipe. Reed Buntings. Fox].
- 1954 Carlisle Journal. 26<sup>th</sup> November, 1954. Country Chronicle : Bowness - Cardarnock. Questions in the House. [Subjects include : Solway. Oystercatchers ('Flocks a mile long in times past'.) Protection of Birds Act. H.A.MacPherson - Naturalist].
- 1954 Carlisle Journal. 3<sup>rd</sup> December, 1954. Country Chronicle : Protection of Birds Act. [Subjects include : Thomas Bewick. Charles Darwin. Bird Protection Act. December known by Anglo Saxons as Windmonath].
- 1954 Carlisle Journal. 10<sup>th</sup> December, 1954. Country Chronicle : The Silver Lining matters a lot. Silver Lining. Partridge Coveys. Fieldfare and Redwings. [Subjects include : Brief review of the weather in 1954. Blackbirds. Wren. Partridge. Redwings. Fieldfares. Flora : Chickweed. Dandelion. Buttercup].
- 1954 Carlisle Journal. 17<sup>th</sup> December, 1954. Country Chronicle : Two interesting Birds in the City. Strange Plumage. [Subjects include : The plumage of Gulls during the period leading up to full maturity. Lesser Black-backed Gulls and the contrast between British and Scandinavian breeds. Kestrel].
- 1954 Carlisle Journal. 24<sup>th</sup> December, 1954. Country Chronicle : Wild Geese in June. Are they Peter Scott's? Old Branding Iron. [Subjects include : Horseholme. Gilsland Moor. Blackcock. Possible Snow Goose or Lesser Snow Goose at Rothery Haugh. Discovery of an old branding Iron marker - Belongs to Joseph Armstrong].
- 1954 Carlisle Journal. 31<sup>st</sup> December, 1954. Country Chronicle. Mice and Voles. The Squirrel. Hedgehog. [Subjects include : Hibernation of Moles. Voles. Reptiles. Bats. Badgers. Red Squirrel].
- 1955 Carlisle Journal. 7<sup>th</sup> January, 1955. Country Chronicle. Screaming Jays. Dark and Sombre. The Bird. [Subjects include : Upperby Park. Mallard. Tufted Duck. Coots. Stoat marks in mud. Jays. Scots Pine. Coppice Woods. Bullfinch. Flora : Creeping Buttercup. Field Drains. Bird Anatomy - Domestic Goose?]
- 1955 Carlisle Journal. 14<sup>th</sup> January, 1955. Country Chronicle. In the Gorge. Birds eye view. Roe Deer. [Subjects include : Blizzards. Snow. Gilsland Gorge. River Irthing. Fish Remains. Jackdaws (Approx 60-70). Herring Gull. Roe Deer Tracks].
- 1955 Carlisle Journal. 21<sup>st</sup> January, 1955. Country Chronicle. A Contrast. Geese on the Move. [Subjects include : Myxomatosis. Rabbits. Snow. Pink-footed Geese, Flocks. Solway].
- 1955 Carlisle Journal. 28<sup>th</sup>, January, 1955. What I found on the Frozen Marsh. The Goldeneye,. Whooper Swan. Rock Pipit. [Subjects include : Thurstonfield Lough - frozen. Wild Geese. 'Shore-shooters'. Goldeneye. Whooper Swan. Rock Pipit].
- 1955 Carlisle Journal. 4<sup>th</sup> February, 1955 Believe it or not...there are signs of Spring. The Titlarks. Cheerful Song. Fight over a Vole. [Subjects include : Skylark. Meadow Pipit (Titlark). Early Bird-song. Blackbirds. Thrush. Robin. Mistle Thrush. Black-headed Gull. Common Gull. Rooks].
- 1955 Carlisle Journal. 4<sup>th</sup> February, 1955. Country Chronicle : A Night Walk. Hooting Owls. [Subjects include : Signs of Spring. Rook's Nesting. Blackbird. Thrush. Long-eared Owl. Flora : Crocus. Snowdrops. Coltsfoot].
- 1955 Carlisle Journal. 11<sup>th</sup>, February, 1955. Country Chronicle. Signs of returning Spring. Peewits Arrive. Wild geese Returning. Curlews Inland. [Subjects include : William Hodgson - Flora of Cumberland. Peewits/Lapwing. Wild Geese, "Huge numbers over Carlisle."

- Curlew. Eden Valley. Greater Black-backed Gull. Myxomatosis. Flora : Green Hellebore].
- 1955 Carlisle Journal. 18<sup>th</sup> February, 1955. Country Chronicle. The Exciting Events of the Year. The Missing Herons. Frost last February. Corncrake and Cuckoo. Bewcastle and Gilsland Moors. Goosander Brood. [Subjects include : Carlisle Natural History Society. Herons. Tufted Duck. Early Breeding. Sightings of : Corncrake. Merlin. Green Sandpipers. Goosander family].
- 1955 Carlisle Journal. 25<sup>th</sup> February, 1955. Country Chronicle : A Walk on Grim Winter Sunday. The Badger Bank. Frozen River. [Subjects include : Snow Ice. Jay. Robin. Fieldfare. Rooks. Carrion Crows. Badger Earth. Blackbird gatherings. Hazel Catkins. Redwing].
- 1955 Carlisle Journal. 4<sup>th</sup> March, 1955. Country Chronicle : The mystery of a March Evening. In the Wood. [Subjects include : Cumberland soil and its variation. Dike Felling. Curlew. Skylark. Peewit. Snipe. Mallard. Wood Pigeons. Gamekeeper - victims. Magpie. Carrion Crow. Sparrow Hawk].
- 1955 Carlisle Journal. 11<sup>th</sup> March, 1955. Country Chronicle : An Unusual Migration of Geese. [Subjects include : Solway. Wild Geese migration routes. Field Mouse damage and nest. Flora : Coltsfoot].
- 1955 Carlisle Journal. 19<sup>th</sup> March, 1955. Country Chronicle : There is Little Activity in the Heronry. Ten Nests. The Changing Season. The Roe Deer's Bark. Mallard in Pairs.[ Subjects include : Herons. Curlew. Lapwings. Rookery. Buzzard. Roe deer scrapings. Kestrel. Fieldfares. Mallards].
- 1955 Carlisle Journal. 25<sup>th</sup> March, 1955. Country Chronicle : Wild Geese. The Rabbit Eaters, what will they Eat? And the Buzzard. The food of the Buzzard and the Badger. [Subjects include : Wild Geese flocking over Carlisle. Solway. Effect of Myxomatosis and its effect on Rabbits and their predators. Stoats. Weasels. Fox. Badger. Buzzard].
- 1955 Carlisle Journal. 8<sup>th</sup> April, 1955. Country Chronicle : A Wood Stirring to the call of Spring. Woodpeckers. Curlew/Peewit. Mallard and Teal. On the Sunless side. [Subjects include : Herons. Great Spotted Woodpecker. Jay. Curlew. Lapwing/Peewits. Wood Pigeon. Stock Dove. Mallard. Teal. Hazel Catkins].
- 1955 Carlisle Journal. 15<sup>th</sup> April, 1955. Country Chronicle : Spring visitors to the Fells. Goldeneye and Goosanders. Nature and Nesting Birds. The Gorge. [Subjects include : Redshank. Curlew. Lapwings / Peewits. Goosander. Goldeneye. Mallard. Teal. Snipe "drumming". Skylark. Meadow Pipit. Red Grouse. Golden Plover. Woodcock. Identity confusion between Blackbirds and Ring Ouzel. Evidence of Ravens. Geltsdale].
- 1955 Carlisle Journal. 22<sup>nd</sup> April, 1955. Country Chronicle : some places not yet on the map. Place names in Geltsdale. The two Gelts. Ancient ford. [Subjects include : Ring Ouzel. Fangs Forest of Geltsdale. Geltsdale topography].
- 1955 Carlisle Journal. 29<sup>th</sup>. April, 1955. Country Chronicle : Birds of the "forest". Ring Ouzels nest. [ Subjects include : Woodcock. Great-spotted Woodpecker. Carrion Crow nest. Meadow Pipit. Wood Pigeon. Kestrel. Ring Ouzel].
- 1955 Carlisle Journal. 6<sup>th</sup> May, 1955. Country Chronicle : Flowers that bloom in the Spring. Spring Migrants. Kestrel and Curlew. Woodpeckers. [Subjects include : Flora : Violets. Stitchwort. Celendine. 'Cuckoo flower.' Cowslip. Primrose. Anemone. Wood Sorrell. Dogs Mercury. Wild Cherry. Blackthorn. Willow Warbler. Whitethroat. Corn Bunting. Redshank. Kestrel. Curlew. Great - spotted woodpecker. Hare].
- 1955 Carlisle Journal. 13<sup>th</sup> May, 1955. Country Chronicle : Cumberland's many types of Mosses. Two groups. Bog Flowers. Barn Owl. [Subjects include : Peat Mosses or flow land. Bolton Fell. Barn Owl castings. Flora : Spagnum Moss. Cotton Grass. Cranberry. Marsh Andromeda or Wild Rosemary. Sundews].
- 1955 Carlisle Journal. 20<sup>th</sup> May, 1955. Country Chronicle : The Rugged Valley of the River Lyne. Shark Castle. Interesting Rocks. Previous discoveries. The Inn. [Subjects include : Angling. Rock Bridge. Signs of Roe Deer and Badger. Willow Warblers. Kirklington. Sandstone Series. Badger Earth. Toothwort. Chaffinch Nest].
- 1955 Carlisle Journal. 27<sup>th</sup> May, 1955. Country Chronicle. A Wild and Wet May Day on the Fells. The Route. Fell Formation. Seen from the Summit. Twice it Happened. Lonely Little Stirrings. [Subjects include : Cumbrian Pennines. Golden Plover. Views of Carlisle, River Eden and Rockcliffe Marsh. Dunlin and waders preference for the Fells].
- 1955 Carlisle Journal. 3<sup>rd</sup> June, 1955. Country Chronicle : A Lovely May Day on the Marsh. Circle of Mountains. Marsh Nesting Birds. Gulls and Terns. Barnacle Goose. [Subjects include : Rockcliffe Marsh. Peewits/Lapwings. Oystercatchers or "Sea pies". Lesser Black-backed Gull. Terns (Not identified). Skylark. Solitary Barnacle Goose].

- 1955 Carlisle Journal. 10<sup>th</sup> June, 1955. Country Chronicle : A fine June day in Heron Wood. The Mallard. The Warblers. Near Tragedy. Well Named. Wild Flowers. [Subjects include : Heronry. Mallard flock (40/50). Willow Warbler. Wood Warbler. "Leaf Warblers". Garden Warbler. Hen Redstart and nest. Roe Deer. Flora : Bugle. Germander. Speedwell. Forgetmenots. Bluebells. Yellow Pimpernel. Buckler Fern. Cowslips].
- 1955 Carlisle Journal. 17<sup>th</sup> June, 1955. Country Chronicle : The Peat Mosses - survivors of the Ice-age. The Curlew. Oasis and Atoll. [Subjects include : "Moss Lonings". "Moss-Meedas" Curlew. Cotton Grass. Skylark. Meadow Pipit. Lesser Black-backed Gull. Black-headed Gull. 'Lagoon'. Carrion Crow. Brown Hare].
- 1955 Carlisle Journal. 24<sup>th</sup> June, 1955. Country Chronicle : June is bursting out all over. Rowan Blossom. Bird Life. Curlew and Pipit. Real Fellsiders. [Subjects include : Rowan Tree. Pied Flycatcher. Curlew. Tree Pipit. Meadow Pipit. Wood Pigeon. Sand Martin. Buzzard. Whinchat. Ring Ouzel. Flora : Tormental. Heath Bedstraw. Gold Saxifrage. Forgetmenot. ].
- 1955 Carlisle Journal. 1<sup>st</sup> July, 1955. Country Chronicle : The wild and remote Black Lyne Common. Countryside "Crack". Young Barn Owls. [Subjects include : Corncrake. Stock Dove. Barn Owl. Whinchat. Grasshopper Warbler. Wood Pigeon].
- 1955 Carlisle Journal. 8<sup>th</sup> July, 1955. Country Chronicle : The Beck and the Wild Goats. Merlin Family. Wild Goats (18 individuals). [Subjects include : "The Beck". Little Christenbury. Ring Ouzel. Merlin. Wild Goats].
- 1955 Carlisle Journal. 15<sup>th</sup> July, 1955. Country Chronicle : The Course of the Lonely Burn. Followed it. Climbing. Young Kestrels. [Subjects include : Ring Ouzel. Kestrels. Bewcastle and Gilsland Fells].
- 1955 Carlisle Journal. 5<sup>th</sup> August, 1955. Country Chronicle : Where Every Prospect Pleases and Only Man is Vile. Beyond Description. Burial Mound. Flower-filled Meadows. Acres of Sundew. [Subjects include Bewcastle and Gilsland Fells. Rigghouse House-with inscription J. Barron, 1734. Barron Pike. Corncrake. Skylark. Flora : Burnett. Melancholy Thistle. Valarian. 'Mosses'. Cotton Grass. Spagnum Moss. Sundew].
- 1955 Carlisle Journal. 12<sup>th</sup> August, 1955. Country Chronicle : Over the featureless moors near Gilsland. Birth of the Becks. Startled Bird. Bonny Craggs. [Subjects include : Bush Farm. Horseholme. Mosses. Rowan Trees. Priorlanley. Rigg Plantation. "Turn-o-King". Curlew. Blackcock. Golden Plover. Redshank. Carrion Crow Nest].
- 1955 Carlisle Journal. 19<sup>th</sup>, August, 1955. A Unique Close-up of two Roosting ravens. Came to Roost. Pending Changes. Adders. [Subjects include : Ravens. "Turn-o-King" Sheep folds. Sheep 'Stells'. Adders. Water Voles. Toads].
- 1955 Carlisle Journal. 26<sup>th</sup> August, 1955. Haytime on the Moor. Summer Scenes. Following the River. Beauty Spot. [Subjects include : Horseholme. Haymaking. Butterburn Linns. River Irthing. Flora : 'Agrostis'-grasses. Garden Plants : Phlox. Pinks. Corydales. Mimulus].
- 1955 Carlisle Journal. 2<sup>nd</sup> September, 1955. A Beautiful River. A Plant Problem. The Meadow Orchids. Other Visitors. Warm Work. [Subjects include : River Irthing. Coal working. Linen Sike. Catherine's Waterfall Flora : London Pride-St Patrick's Cabbage. Marsh Orchid. Sundew].
- 1955 Carlisle Journal : 9<sup>th</sup> September, 1955. Country Chronicle : The wildlife of a remote and little known countryside. Butterburn Flow. Lawrence Burn. A Rare Rush. At Whitehill. [Subjects include : Shank End. Lawrence Burn Flow. Loudon's Burn. Black-headed Gull. Dragonfly. Peewit/Lapwing. Golden Plover. Redshank. Toads. Sheep farming. Flora : Spagnum moss. Reed Mace].
- 1955 Carlisle Journal : 16<sup>th</sup> September, 1955. Country Chronicle : Ritson Graham describes his last day on the vast Gilsland and Bewcastle Moorlands. Smugglers or Shepherd's ? A Dangerous Bog. A Naturalists Ideal. [Subjects include : Burn Divot. "The Wou". Black-headed Gull colony. Moorland bogs].
- 1955 Carlisle Journal. 23<sup>rd</sup> September, 1955. Country Chronicle : Ritson Graham asks Have I found something overlooked in the life-cycle of the Buzzard? Strange Behaviour. new, or overlooked. At the Pool. Limestone Flowers. [Subjects include : Buzzard behaviour on the nest. Roe Deer. Wheatears. Blackbird. Thrush. Chaffinch. Yellow Bunting. Red Ants. Flora : Thyme. Spleenwort fern. Wild Strawberry].
- 1955 Carlisle Journal. 30<sup>th</sup>, September, 1955. Country Chronicle : Ritson Graham spends a day watching the Bird Life of the Prairie-like Marshes of the Solway. Goosander Family. Declined to Leave. Solitary Greenshank. Golden Plover. [Subjects include : Solway. Goosander. Greenshank.

- Wheatear. Golden Plover].
- 1955 Carlisle Journal. 7<sup>th</sup> October, 1955. Country Chronicle : Ritson Graham Spends a Happy Day Walking the Solway Shore from Bowness to Cardunock. [Subjects include : Solway Shore. Waders. Gulls. Wildfowl. Curlew. Oystercatcher. Redshank. Great Black-backed Gulls. Andromida. Fly Agaric Fungi. Flora : Bog Asphodel].
- 1955 Carlisle Journal. 14<sup>th</sup> October, 1955. Country Chronicle : A Moorland Journey in Search of Elusive Grass of Parnassus. Rowan Trees. Redwing. [Subjects include : Geltsdale. Woodcock. Blackcock. Redwing. Flora : Grass of Parnassus].].
- 1955 Carlisle Journal. 21<sup>st</sup> October, 1955. Country Chronicle. Ritson Graham writes an Obituary. A Royal Summer Passes. The Leaves fall before the Plague of Autumn. Doomed to destruction. Thrushes vs Blackbirds. City Woodcock. [Starling Roosts. Carrion Crow. Blackbirds. Goldfinches. Gull movements. Woodcock].
- 1955 Carlisle Journal. 28<sup>th</sup> October, 1955. Country Chronicle : Ritson Graham says : The Birds, Badgers, Acorns and Spiders foretell Winter's Approach. Fieldfares. The British Oak. Badgers and Snowdrops. An Object Lesson. [Subjects include : Spider Gossamer Sheets. Fieldfare. A Corn Harvest. Pedunculate Oak. Sessile Oak. Badger "Howking". Green Woodpecker. Dock. Burdock. Cattle lowing].
- 1955 Carlisle Journal. 4<sup>th</sup>, November, 1955. Carlisle Journal. Country Chronicle. Some uncommon bird visitors. Their Appearance and their Habits. Distinguishing Plumage. Scandinavian Gull. Saw a Pair. [Subjects include : Reed Bunting. Scandinavian Lesser Black-backed Gull. Herring Gulls].
- 1955 Carlisle Journal. 11<sup>th</sup> November, 1955. A Journey to a Remote Moorland Sheep Farm on a mild November Day. Gilsland History and Romance. Moorland Journey. Horseholme. [Subjects include : Gilsland Moor. Carrion Crow. Sheep Dogs].
- 1955 Carlisle Journal. 18<sup>th</sup>, November, 1955. The Rare Bitterns. The Waifs and Strays of the Great Bird Family. Once Nested Here. General Appearance. Come to Grief. [Subjects include : Sillioth. Bittern].
- 1955 Carlisle Journal. 25<sup>th</sup> November, 1955. Country Chronicle. Ritson Graham tells us more about the Bittern and the Blackbird. A Remarkable Film. Red Letter Event. Blackbird from Chester. A Fine Film. [Subjects include : Jack Todd-Wildfowler. Bittern at Sillioth. Other Bittern records. Film on Birds of Lakeland by Austin Barton and Ralph Stokoe].
- 1955 Carlisle Journal. 2<sup>nd</sup> December, 1955. The Bittern proves to be very elusive but is caught by the cine camera. The Irony of Fate. The Wigeon. Usually keep to themselves. [Subjects include : Jack Todd. Bittern. Wildfowl in Fish and Game Shops. Wigeon. Mallard. Thurstonfield Lough and Monkshill Lough].
- 1955 Carlisle Journal. 9<sup>th</sup> December, 1955. The Day and Nightlife of our Great Winter Family of Birds. Mysterious Curlews. Winter Birds. Effect of the Winter. [Night flying Redwings. Curlew Migration. Thrush. Starling. Sky-lark. Woodcock. Short-eared Owl. Jack Snipe. Brambling. Siskin. Stackyards and Stubble. Divers. Hooded Crow. Dipper or Water Ouzel. Waxwing. Red Grouse].
- 1955 Carlisle Journal. 16<sup>th</sup> December, 1955. The Most Conspicuous Community of Birds in our Border City. Which is Which. Aids to identification. Look at the Legs. [Subjects include : Frost (14 Degrees). Black-headed Gull. Herring Gull. Common Gull. Gull Plumage. Scandinavian Lesser Black-backed Gull].
- 1955 Carlisle Journal. 23<sup>rd</sup> December, 1955. Ritson Graham recalls Some Harrowing Experiences in Winter Weather. Gull Incident. Other Winters. [Subjects include : Severe Frost. Black-headed Gulls. Rook. Starling. Blackbird. House Sparrow. Gull with foot trapped in tin box. Red Grouse. Wedholme Flow. Bannerdale. Mungrisedale Mill Inn].
- 1955 Carlisle Journal. 30<sup>th</sup> December, 1955. What can be seen on the Winter Landscape of the Gilsland Moors. Scarce Wildlife. Lesser Black-backed Gull. Handsome Black Grouse. [Subjects include : Carrion Crow. Herring Gull. Lesser Black-backed Gull. Black Grouse (Blackcock), Horseholme].
- 1956 Carlisle Journal. 6<sup>th</sup> January, 1956. Country Chronicle : A Days Tour of the Loughs. Wild Swans. Tufted Duck. On Beaumont Marsh. [Subjects include : Thurstonfell Lough. Bewick's Swan. Tufted Duck. Mute Swan. Green Woodpecker].
- 1956 Carlisle Journal. 13<sup>th</sup> January, 1956. Country Chronicle. A Stern Journey over the Moors. Steely Cleaners. The Ourie Cattle. Coupling Names. [Gilsland Moor. Horseholme. Black Cattle. Sheep farming in Winter. The Practice of coupling Christian names].

- 1956 Carlisle Journal. 24<sup>th</sup> January, 1956. Country Chronicle : 24<sup>th</sup> January, 1956. The Events of a Wintry Week. Changing Conditions. Birds come to Town. Hidden Hedge Sparrow. The Cole Tit. A Strange Cry. Carrion Crow in City. [Subjects include : Wild Geese Flying. Pied Wagtail. Curlew. Hedge Sparrow. Herring Gulls on Tips. Garden Tits. Lone Pink-footed Geese. Carrion Crow].
- 1956 Carlisle Journal. 31<sup>st</sup> January, 1956. Country Chronicle : Heather highly rated. The Value of "Drawmoss". Nutrition. Beginning to Understand. Another Query. [Subjects include : Moorland Sheep. Heather. Bleaberry. Horsetail Cotton Grass. Wild geese grazing. Salt-licks. Coupling Christian Names].
- 1956 Carlisle Journal. 3<sup>rd</sup> February, 1956. Country Chronicle : The Countryside is bare of Berries. Natures Warning. Redwing and Fieldfare. A Varied Diet. Bob-O-The-Hope. An Annual Feast [Subjects include : Wild fruit availability. Redwing. Fieldfares. Name-coupling].
- 1956 Carlisle Journal. 10<sup>th</sup> February, 1956. Country Chronicle : The Effect of the Great Freeze. A Wild Goose. Ice Floes. A Dry Month. Night-walking. "Daftness". [Subjects include : Birds in the Garden. House Sparrows. Chaffinch. Ice-flows on the River Eden. Thaw. Blackbirds. Carlisle Night-glow. Pitch-black night skies].
- 1956 Carlisle Journal. 24<sup>th</sup> February, 1956. Country Chronicle : The Hardy Red Grouse and its Haunts. An Omission. The Only Way. Scepticism. The Black Grouse. Hardy Native Bird. The Red Grouse. [Subjects include : Carlisle Natural History Society. Bewcastle and Gilsland Moors. Red Grouse, "Living under the snow". Geltsdale Fells. Black Grouse].
- 1956 Carlisle Journal. 2<sup>nd</sup> March, 1956. Country Chronicle : Nesting time for the Early Birds. The Raven. The Heron. Third Place. The Reason for it. [Subjects include : Raven. Heron. Dipper (or Water Ouzel) also known as "Dookers". Tawny Owl. Woodcock.
- 1956 Carlisle Journal. 9<sup>th</sup> March, 1956. Country Chronicle : Ritson Graham deplores interlopers on the Spadeadam Waste. The Chief Fear. The Interlopers. A Typical March Day. The New Earth. Showers and Sallow Buds Heavier. Home. [Subjects include : Rocket testing at Spadeadam Waste. Partridge. Mallard. Coot. Waterhen (Moorhen). Tufted Duck].
- 1956 Carlisle Journal. 16<sup>th</sup> March, 1956. Ritson Graham visits the Heronry. Winter Home Ceremony. Old Nests Rebuilt. Reading the Signs. Buzzard Pair. Old Nest. [Subjects include : Herons. Buzzard].
- 1956 Carlisle Journal. 23<sup>rd</sup> March, 1956. A Skylark Heralds Spring. In the Country. Gulls Return. A Backward Spring. At the Rookery. [Subjects include : Skylark. Curlew. Redshank. Stock Doves. Lesser Black-backed Gull. Flora. Coltsfoot. Rooks].
- 1956 Carlisle Journal. 30<sup>th</sup>, March, 1956. The Moor's Awakening. [Subjects include : Gilsland Moor. Carrion Crow. Red Grouse. Curlew. Peewits/Lapwing. Redshank. Golden Plover. Skylark. Meadow Pipit. Goosander].
- 1956 Carlisle Journal. 6<sup>th</sup> April, 1956. Easter Week-end on the Fells. [Subjects include : Pennine Fells. Heather Burning. Curlew. Peewit/Lapwing. Ring Ouzel. Meadow Pipit. Blackcock. Red Squirrel].
- 1956 Carlisle Journal. 13<sup>th</sup> April, 1956. A Visit to the Hill Tarn. Elusive Visitor. Spring Visitors. No Ravens. A Red Grouse. A Kestrel. [Subjects include : Pennine Fells. Tufted Duck. Pochard. Wigeon. Redshank. Curlew. Peewit/Lapwing. Ring Ouzel. Fieldfares. Dipper].
- 1956 Carlisle Journal. 20<sup>th</sup> April, 1956. April Evening in the Country. [Subjects include : Peewit/Lapwing. Curlew. Snipe. Carrion Crow. Woodcock. Deletion of Rabbit Population].
- 1956 Carlisle Journal. 27<sup>th</sup> April, 1956 In the Heron Wood Again. [Subjects include : Scots Pine. Heronry. Rookery. Willow Warbler. Shoveler Duck. Great-spotted Woodpecker. Frogs. Tortoiseshell Butterfly. Flora. Wood Sorrel. Violets. Primroses].
- 1956 Carlisle Journal. 4<sup>th</sup> May, 1956. Visit to the Lyne Valley. Aglow with Flowers. Deer and Badger. Bolton Fell. Golden Plover. [Subjects include : River Lyne. Roe Deer. Fox. Badgers. Carrion Crow. Magpies Nest. Willow Warbler. Green Woodpecker. Great-spotted Woodpecker. Grey Wagtail. Golden Plover. Spagnum Moss. Flora : Anemone. Celandine. Primroses. Ramsons (Wild Garlic)].
- 1956 Carlisle Journal. 11<sup>th</sup> May, 1956. The Merry Month of May. The Evenings. Spring Migrants. Birds of Passage. Painted Birds. Globe Spanners. [Subjects include : Curlew. Thrush. Blackbird. Peewit/Lapwing. Swallow. Cuckoo. Wheatear. Willow Warbler. Wader Migration. Grey Plover. Little Stints. Bar-tailed Godwit. Sanderlings. Godwits. Green Sandpiper].
- 1956 Carlisle Journal. 18<sup>th</sup> May, 1956. On Marsh and Moor. Transformation. A Paradox. The Dunlin. Mountain Waders. The Oystercatcher. A Puzzle. [Subjects include : The double haunts of

- Waders (Movements from Shore to Uplands. Solway. Dunlin. Redshank. Golden Plover. Curlew. Oystercatcher].
- 1956 Carlisle Journal. 20<sup>th</sup> May, 1956. April Evening in the Country. [Subjects : Rough pasture habitat. Woodcock 'Roding'. Value of Hedgerows. Snipe. Winter Lapwing. Carrion Crow. Rabbits. Flora : Sallow Blossom].
- 1956 Carlisle Journal. 25<sup>th</sup> May, 1956. Fatalities in the Heron Wood. [Subjects include : Herons. Mistle Thrush. Fungi-*Morchella esculanta*. Swifts].
- 1956 Carlisle Journal. 8<sup>th</sup> June, 1956. In a Wooded Gorge on a Windy Day. [Subjects include Jay. Heron. Cuckoo. Willow Warbler. Wood Warbler: Flora including :- Butterbur. Violets. Primroses. Red Campion. Bluebell. Sedges. Ferns. Grasses, not identified].
- 1956 Carlisle Journal. 15<sup>th</sup> June, 1956. At the Headwaters of the River Gelt. [Subjects include : Water catchment area. Pipts. Whinchat. Cuckoo. Curlew. Heath Butterfly. Flora. Butterwort. Early Purple Orchid].
- 1956 Carlisle Journal. 29<sup>th</sup>, June, 1956. Kingfishers flash along the banks of the beck. [Subjects : Gnats. Sawflies. Ladybirds. Kingfisher. Sand Martin. Orange Tip Butterfly. Flora : Marigolds. Dame's Violet. (or Sweet John). Bugle. Stitchwort. Buttercups. Ox-eye daisy].
- 1956 Carlisle Journal. 6<sup>th</sup> July, 1956. A Rare Duck on the Marsh. [Rockcliffe Marsh. Esk Estuary. Common Tern. Goldeneye. Goosander and brood. Common Tern. Peewit/Lapwing. Ring Plover. Dunlin. Sandling. Skylark. Oystercatcher. Redshank. Starling. Wood Pigeon].
- 1956 Carlisle Journal. 20<sup>th</sup> July, 1956. A Summer evening on the Countryside. [Haymaking. Corn Bunting. Sparrow flock. Curlew. Hares. Rabbits re-appearing. Flora : Wild Rose. Honeysuckle].
- 1956 Carlisle Journal. 27<sup>th</sup> July, 1956. Faith of a Local Naturalist. [Subjects include : Countryside in July. Naturalists appreciation of the Countryside].
- 1956 Carlisle Journal. 3<sup>rd</sup> August, 1956. A Wet Evening Walk. [Subjects include : Curlews. Common Gull. Mallard. Swallows. Peewit/Lapwing. Hare. Corn crops].
- 1956 Carlisle Journal. 10<sup>th</sup> August, 1956. A Charming Wayside Inn. [Subjects include : Tawny Owl. Cereal crops. Changing farming practice. Woodland fungi-not identified]. (Hand written note identifies the Inn as The Crown Inn, Broadfield).
- 1956 Carlisle Journal. 17<sup>th</sup> August, 1956. A Scottish Countryside. [Lothian's and Trossach's. Edinburgh. Botanical Gardens].
- 1956 Carlisle Journal. 24<sup>th</sup> August, 1956. Solway - Estuary and Marsh. [River Eden. Rockcliffe Marsh. Tidal movements. Black-backed Gull. Common Gull. Curlew. Lapwing/Peewit. Herons. Large flocks of Mallard and Wigeon].
- 1956 Carlisle Journal. 31<sup>st</sup> August, 1956. The Solway's Autumn Migrants. Globe-spanners. The Mediterranean. Elegant Green Sandpiper. [Subjects include : Migration. Wheatear. Greenshanks. Green Sandpiper].
- 1956 Carlisle Journal. 5<sup>th</sup> September, 1956. A Reliable Weather Guide. [Subjects include : Bowness. Rain patterns. Green Sandpiper. Partridge covey. Wigeon. Adder skin].
- 1956 Carlisle Journal. 7<sup>th</sup> September, 1956. A wet August on the Moors. Slow Haytime. The Waters of King. Blackcock and greyhens. Moorland birds here yet. No change in Spadeadam. [Subjects Include : Haymaking. Fingwater. Slow worm. Black-grouse. Meadow Pipit. Lapwing/Peewit. Golden Plover. Red Grouse. River Irthing Gorge. Ernest Blezard].
- 1956 Carlisle Journal. 12<sup>th</sup> September, 1956. The "Holmes" threatened. [Proposal for gravel extraction. River Caldew and environs. Denton Holme].
- 1956 Carlisle Journal. 14<sup>th</sup> September, 1956. September on the Fells. Music in the Meadows. Heather in Bloom. Brilliant Gorse. Evening Light. [Subjects include : Tindale and Geltsdale. Pennine Fells. Tindale Tarn. Haymaking. Tufted Duck. Coot. Pochard. Red Grouse. Redstart. Kestrel. Flora : Rowan. Gorse].
- 1956 Carlisle Journal. 21<sup>st</sup> September, 1956. Two contrasting Augusts. (1955/1956). [Subjects include : Moorland crops and harvesting. Spagnum Moss. Rainfall records effect on migrants. Golden Plover. Partridges. Tufted Duck. Pochard].
- 1956 Carlisle Journal. 28<sup>th</sup> September, 1956. Sultry September Weather. [Subjects include : The practice of leaving chaff for Pheasants as winter food. Wood Pigeons. Golden Plover. The Author, Adrian Bell. Sussex Countryside and Farming. Fungi. Fly Agaric. Blusher. Boletus. Honey Toadstool].
- 1956 Carlisle Journal. 14<sup>th</sup> October, 1956. A vast army of wild geese. [Subjects include : Solway. Rockcliffe. Pink-footed Geese. River Eden. Stalking. "Scotch Mist". "Records on of the greatest

- flocks he has ever seen].”
- 1956 Carlisle Journal. 26<sup>th</sup> October, 1956. A Beautiful day on the Fells. Geltsdale. Variety of Nuts. Surrounded. Patchwork. Missel Thrush. Meadow Pipit. A Large Bat. [Subjects include : Geltsdale. Hazel Coppice. Bracken. Heather. Missel Thrush (Mistle Thrush)(Also known as ‘Mountain Throstle’. Meadow Pipit. Bat : (Possible Noctule or Great Bat).
- 1956 Carlisle Journal. 2<sup>nd</sup> November, 1956. Rook Raven and Crow. Hangers On. One Difference. Lone Rover. Hedge Sparrow. Their Habits. [Subjects include : Carrion Crow-Persecution. Rook. Raven. Hedge Sparrow (“Blue Dikie”). House Sparrow].
- 1956 Carlisle Journal. 10<sup>th</sup> November, 1956. Our Winter Visitors. Time Honoured. Night Birds. The Fieldfare. The Brambling. How do they Know? What they look like. [Subjects include : Migration. Redwing. Fieldfare. Brambling].
- 1956 Carlisle Journal. 30<sup>th</sup> November, 1956. The Joys of Winter Walking. Everything Fits. Emotional Effect. A Lost Lonning. Ice Age Boulders. A Little Beck. Primitive By-ways. Change and Decay. [Subjects include : Galloway Granite. Lonnings-primitive roads. Lost Lonnings].
- 1956 Carlisle Journal. 7<sup>th</sup> December, 1956. The Dull Winter Season. Still Green. Poisonous Plants. Winter Birds. Midget Birds. City Kestrel. Unusual Visitor. Protection. [Subjects include : Winter Crops. Blackbird. Skylarks. Yellow Bunting. Tit Flocks. Kestrel. Meadow Pipit. Goldcrest. Flora : Dandelions. Hogweed. Yarrow. Christmas Rose (Lenten Rose)].
- 1956 Carlisle Journal. 14<sup>th</sup> December, 1956. Arctic Visitors - The Swans. Bird Haunts. The Wild Swans. Solway Loughs. Easily Alarmed. Silent and Vocal. Colour of Bill. Stiff Necks. [Subjects include : Inland Tarns and Loughs. Thurstonfield Lough. Moorhouse Tarn. Talkin Tarn. Mute Swan. Whooper Swan. Bewick’s Swan].
- 1956 Carlisle Journal. 21<sup>st</sup> December, 1956. The End of Another year. Blooms at Christmas. The Kingfisher. Christmas Customs. Shape of things to come. Difficult Day. [Subjects include : Kingfisher. Blackbirds. Christmas Traditions Santa Claus. Christmas Trees. Flora : Sallow bushes].
- 1956 Carlisle Journal. 28<sup>th</sup>, December, 1956. Nesting in the New Year. Herons Return. February Egg. Substantial Nest. Uncongenial Crop. [Subjects include : Herons. Heronries. Early Nesting. Ravens Nesting. Tawny Owl. Woodcock. Dipper].
- 1957 Carlisle Journal. 4<sup>th</sup> January, 1957. The Last trip of the Year. Not a Killing Year. Buntings. The Old Countryside. [Subjects include : Lack of Frost. Old nests of Redpoll, Wood Pigeon, Carrion Crow and Green Woodpecker. One Rabbit. Wren. Yellow Buntings. Woodcock. Partridge Covey].
- 1957 Carlisle Journal. 11<sup>th</sup> January, 1957. Calm after the Storm. Fieldfare food. Pine Wood Warmth. Infestation of Tits. [Subjects include : Winter Woodlands. Fieldfare flocks and food. Hare. Wood Pigeon. Blue Tits, “Tom Tit”].
- 1957 Carlisle Journal. 18<sup>th</sup> January, 1957. Strange calls in the Moonlight. Quiet Roads. Mating Foxes. The Night Cry. Strange Calls. Fieldfares. Wild Geese. A Banquet. [Subjects include : Frosts. Dog Fox. Fieldfare Roost. Pink-footed Geese. Stubble Feeding].
- 1957 Carlisle Journal. 25<sup>th</sup> January, 1957. A Winter Moorland Walk. A Vast Canvas. Following the River. Constant Change. Puzzling Plovers. Inseparable. Southern Stock. Lordly Ravens. That Call. [Subjects include : Winter Colours. Native Yew. Golden Plover and their different races. Ravens].
- 19057 Carlisle Journal. 1<sup>st</sup> February, 1957. It pay’s to be weather wise. “You”. The Peewit Problem. Northern and Native. [Subjects include : Walking and dressing in Winter. Peewits - two races. Golden Plover].
- 1957 Carlisle Journal. 8<sup>th</sup> February, 1957. The Inquisitive Old Owl. A Tang of Spring. Redwings to Roost. Winter Visitors. Starlings to Follow. The Owl and I. Others here too. [Subjects include : Robin and Hedge Sparrow. Thrush singing. Redwing flocks. Fieldfares. Starlings. Barn Owl].
- 1957 Carlisle Journal. 15<sup>th</sup> February, 1957. The Tarn Below the Wood. The Oak Wood. Bewildered Roe Deer. Coming Nearer. Intimate Contact. The Antlers. Short Sighted. Keen Hearing. Only Twenty Paces. [Subjects include. Oak Woodland. Roe Deer].
- 1957 Carlisle Journal. 22<sup>nd</sup> February, 1957. Life on the little Tarn. Not all Noisy. Bulrush. An Assortment. Diving Ducks. Dabchick. Failure. [Subjects include : Waterhen. Gulls. Reed and Great Mace. Coot. Mallard. Teal. Tufted Duck. Pochard. Dabchick. “Little Grebe”].
- 1957 Carlisle Journal. 1<sup>st</sup> March, 1957. Interesting Winter Visitors. Larks on High. Colourful Lazy Gulls. Wood Pigeons. Crossbills. Parrot like. Waxwing. [Subjects include : Gulls returning to Solway. Curlew. Wood Pigeon. Crossbills - distinct from Scottish race. Waxwing Invasion. Flora : Dogs

- Mercury. Gorse. Sallow].
- 1957 Carlisle Journal 8<sup>th</sup> March, 1957. First Visit to Heron Wood. Dispersal. Harsh Bark. Mixed Bag. Symptoms. Rooks were there. Roe Deer. [Subjects include : Herons. Rooks. Evidence of Roe Deer].
- 1957 Carlisle Journal. 15<sup>th</sup> March, 1957. A March Day on the Moors. A Good Samaritan. New Country. Wrong Bearing. Not Wasted. Newcomers. Golden Plover. Raven Crag. [Subjects include : Peewits / Lapwing. Golden Plover. Pied Wagtail. Old Ravens Nest].
- 1957 Carlisle Journal. 22<sup>nd</sup> March, 1957. Tale of three Wild Goats. Sold for Slaughter. Strong Feeling. Questions to answer. The Heronry-Progress Report. Four Group. [Subjects include : Hermitage and Tarras Water. The destruction of a herd of wild goats. Herons].
- 1957 Carlisle Journal. 29<sup>th</sup> March, 1957. First Day on the Fells. Sharp Contrast. Ring Ouzels Arrive. Bronze Age Burial. A Different Day. A New Voice. The Last Lap. [Subjects include : Ring Ouzel. Kestrel. Snipe. Woodcock. "Roding". Tawny Owl. Lapwing].
- 1957 Carlisle Journal. 5<sup>th</sup> April, 1957. In the Bewcastle Country : High Stone Common. Golden Plovers. Kindly Folk. Heralding Spring. A Cosy Cot. [Subjects include : Place-names incorporating the word "Gate". Moorland bird song. Golden Plover. Short-eared Owl. Black Grouse. Pied Wagtail. Lyne Valley. Flora : Primroses. Dogs mercury. Moschatel].
- 1957 Carlisle Journal. 12<sup>th</sup> April, 1957. On Fell, Moor and Tarn. Hidden Gorge. A Kestrel. Strangers. Ringing Notes. Wild Swans. Music at Twilight. [Subjects include : Tindale Fells. Butt of Blackburn. Kestrel. Short-eared Owl. Red Grouse. Whooper Swans. Tufted Duck. Lapwing. Curlew. Redstart. Snipe. Black-headed Gulls].
- 1957 Carlisle Journal. 19<sup>th</sup>, April. 1957. By the side of a Bonny Beck. Early Rare Toothwort. A Hollow Tree. Wild Duck's Nest. Wild Pigeon. First Flowers. [Subjects include : Wild Cherry. Peewit/Lapwing. Wood Pigeons ("Cushats"). Toothwort-parasitic plant. Waterhen's nest. Stock Doves nest. William Hodgson's Flora of Cumbria. Flora : Anemone. Marigolds. Violets. Wild Hyacinth].
- 1957 Carlisle Journal. 26<sup>th</sup> April, 1957. Walking on a Cold Fell. A Fell Beck. On Cold Fell. Two Features. No Golden Plover. Bird's eye View. [Subjects include : Cold Fell. Tindale Fell. Howgill Beck. Absence of regular spring visitors. Blackburn Gorge. "Grieves Lodge". Sheep heafting. Shepherd. Whooper Swans].
- 1957 Carlisle Journal. 3<sup>rd</sup> May, 1957. The Deserted House on the Moor. Young Barn Owls. Cutting Peat. The Greyhen. Fox's Highway. [Subjects include : Barn Owls. Ancient Farm Houses. Tits. Peat Mosses and Cutting. Curlew. Greyhen ((Female of Black Grouse). Wild Cherry. Fox. Cuckoo].
- 1957 Carlisle Journal. 10<sup>th</sup> May, 1957. Along the Fell Valley. Spring Flowers. "That Ritson Graham". Changed Setting. Whinchat. Wheatear. Fickle Showers. [Subjects include : Water Ouzel (Dipper). Grey Wagtail and Nest. Trapped Sheep. Great Whin Sill. Merlin. Flora : Rowan. Bird Cherry. Violets. Celandine. Primrose. Wood Anemone Rowan Trees. Bird Cherry].
- 1957 Carlisle Journal. 17<sup>th</sup> May, 1957. After the Thunder Storm. Old Riggings. Early cultivation. Birds more Active. Acres of Bluebells. Badger Tracks. T'eclipse (of Moon). [Subjects include : Changing farming practices. 'Riggs'. Badger Earth. Geltsdale. Applethwaite. Corncrake. Flora : Hedge Parsley. Jack-by-the-Hedge. Red Campion/ Forget-me-nots. Bluebells].
- 1957 Carlisle Journal. 24<sup>th</sup> May, 1957. A Trip into the Lake District. Linda laughs at the Wild Flower Names. The Oxlip. Lakeland Birds. Geltsdale Again. Music on the Fells. New Bird Visitors. Restless Redstart. [Mungrisedale. Aira Force. Blake Beck Bridge. River Gelt. Wagtail. Pied Flycatcher. Common Sandpiper. Redstart. Hare. Flora : Early Purple Orchids. Birds-eye Primrose. Oxlip. Celandine. Violets].
- 1957 Carlisle Journal. 7<sup>th</sup> June, 1957. Rare Bird on the Fells. Field Vole. The Owl "Barked". Vole Tracks. Fell Birds. Red Grouse Chicks. The Cuckoo (Four). [Subjects include : Short-eared Owl. Short-tailed Field Vole. Whinchat. Wheatear. Mistle Thrush. Ring Ouzel. Red Grouse. Cuckoo].
- 1957 Carlisle Journal. 14<sup>th</sup> June, 1957. Visit to Rockcliffe Marsh. An Optical Illusion. Local Factors. A Lengthy Visit. [Subjects include : Rockcliffe Marsh. Esk Estuary. Mock-mirage effect. Abundance of nests and eggs. Peewits/Lapwing. Oystercatcher. Dunlin. Shelduck. Little Ringed Plover. Skylarks. Gulls].
- 1957 Carlisle Journal. 21<sup>st</sup> June, 1957. Exploring Black Lyne. Empty dwellings. From Fell to Forest. Constant Calling. Laborious Climb. Roe Deer. Bigger Specimens. Sandpipers Nest. [Subjects include : Bewcastle and Gilsland Moors. Glen Due. Broadside Cottage. Kettle Hall. Barn Owl chicks. Cuckoo. Whitethroat. Whinchat. Willow Warblers. Ring Ouzels. Roe Deer. Sandpiper.

- Mallard. Heron. Wood Pigeon. Flora. Cloudberry].
- 1957 Carlisle Journal. 28<sup>th</sup> June, 1957. White Lyne to White Hill. Goosander Nest. Savage Pecks. The Black Bull. [Subjects include : Bewcastle-Gilsland Moors. White Lyne Watershed. Goosander nest].
- 1957 Carlisle Journal. 5<sup>th</sup> July, 1957. A long Moorland Walk. : Malcom's Still. Wildlife. Murmur of Water. [ Subjects include :- Tarn Beck. Sighy Fell. Stantling Flow. Long Bar. Irthing Head. Whitehill. Deserted Cottages. Curlew. Red Grouse. Golden Plover. Tit Larks. Redshank. Starling. Swallows. House Martins].
- 1957 Carlisle Journal. 12<sup>th</sup> July, 1957. From Whitehill to Horseholme. I follow the Beck. [Subjects include : Meadows and moorland. Spark End. "Sheiling Sites". Yellow Wagtail. Carrion Crow. Flora : Globe Flower. Purple Orchids. Marigolds. Aquatic plants].
- 1957 Carlisle Journal. 19<sup>th</sup> July, 1957. Horseholme to the Bush. Turn-o-King. Bonny Becks. A New Forest. [Subjects include : Gilsland-Bewcastle. Long Moss. Kestrel. Eel. Wheatears. Bogbean (or Buckbean). Caud Beck. Spadeadam Forest./Waste. Rabbits. Oystercatcher].
- 1957 Carlisle Journal. 26<sup>th</sup> July, 1957. A haunt of boyhood days. Some changes. Adders. Curious Fern. [Subjects include : Wedholme Flow. Carrion Crow. Kestrel. Peat Bog. Heather. Red Grouse. Meadow Pipit. Adders. Flora : Cotton Grass. Bog Myrtle. Adders Tongue Fern].
- 1957 Carlisle Journal. 2<sup>nd</sup> August, 1957. A day in Ordinary Country. The Wild Lunning. Mushrooms. [Subjects include : Guilder Rose. Sedge. Waterhen. Wild Duck (Mallard?). Green Woodpecker. Fungi : Marsh Mushrooms. *Agaricus campestris*. Boletus. Red Sandstone. Rubble Pits. Lost crafts].
- 1957 Carlisle Journal. 9<sup>th</sup> August, 1957. An Itinerant Bank Holiday. Cattle in the Water. On the Marsh. Dalston Show. [Subjects include : Lesson Hall. Flora : Butterbur. Ragwort ("Booins"). Goosanders. Golden Plover. Curlew. Mallard. Terns].
- 1957 Carlisle Journal. 16<sup>th</sup> August, 1957. Seasonal change in the Fells. Jungle or Bracken. Fell Badgers. Seen as I Sat. Carrying its Prey. Short-eared Owl Again. Feeding Young. [Subjects include : Geltsdale. Short-eared Owl. Badgers Earth. Kestrel. Ring Ouzel. Flora : Heather. Gorse. Grass of Parnassus].
- 1957 Carlisle Journal. 23<sup>rd</sup> August, 1957. Birds and Break in Weather. Curlew in Flight. At the Estuaries. Harvest and Heather. Return of the Rabbit. [Subjects include : Swifts. Curlew. Oystercatchers. Bowness-Cardunock Shore. Sandpipers. Grey Wagtail. Common Gull. Heather. Rabbits on the increase in Carlisle].
- 1957 Carlisle Journal. 30<sup>th</sup>, August, 1957. After the storm was over. Wooded River Valley. Local Fern. Regarded as Rare. One Badger? [Subjects include :- Journey to Tebay. Tawny Owl. Spotted Flycatcher. Willow Warblers. Blue and Great Tits. Badger Earths. Swallows. Martins. Rooks. Flora : Hart's Tongue Fern. Scabious].
- 1957 Carlisle Journal. 6<sup>th</sup> September, 1957. The Secluded Solway Shore. Best Time Now. Good Pipe Cleaners. Saucer-sized Mushrooms. Purple Peat Moss A Dangerous Ditch. [Subjects include : Solway. Oystercatcher. Gulls. Gull feathers. Mushrooms. "East Whins". Ring Plover. Pipits. Reed Bunting. Crops and Weeds. Blackbirds. Flora : Bracken. Heather. "Furze". Knot Grass. Corn Spurry. Cranche].
- 1957 Carlisle Journal. 13<sup>th</sup> September, 1957. Countryside Autumn Evening. Early appearance. Harvest Moon. Machine Supplements Machine. Hedgerow Aftermath. Thin and Tired. Changed Bird Voices. Curlews. [Subjects include : Sky colours. Moon. Robin. Hedge Sparrow. Wood Pigeons. Carrion Crow. Owls. Snipe. Curlew. Rabbits. Flora : Weeds. Yarrow. Hogweed. Hemlock. Willow Herb. Honeysuckle].
- 1957 Carlisle Journal. 20<sup>th</sup> September, 1957. In the Eden Valley. Steady Yorkshire Rain. Desert Sandstone. Foot Prints. Grand Scenery. Sandstone to Limestone. Bare Appearance. Pendragon Castle. [Subject : Description from a Locomotive footplate as the author travels from Carlisle through the Eden Valley and beyond].
- 1957 Carlisle Journal. 27<sup>th</sup> September, 1957. A Watery World. Birds Celebrate. Stranger in Coppice. Curlews Cry. Probable explanation. A Hare Runs. [Subjects include : The effects of heavy rain. Hedge Sparrow. Carrion Crow. Starling Flock. Marsh Tit. Duck Flight. Curlew Wood Pigeon. Causes of Fog. Hare. Rabbit].
- 1957 Carlisle Journal. 4<sup>th</sup> October, 1957. The Changing Year. Odd Incident. Late House Martin. Heron in City. Ducks and Geese. [Subjects include : Signs of Autumn. Wheatear. House Martin. Goldfinch flocks. House Sparrows. Heron. Wader Migration. Field Mice. Moles. Shrews.

- Butterflies : Tortoiseshell. Peacock].
- 1957 Carlisle Journal. 11<sup>th</sup> October, 1957. Walking in the Dark. Now out of Fashion. Voices from the Fields. Bats. Talk at the Inn. [Subjects include : Pleasures of night walking and appreciating sounds. Peewits/Lapwings. Cock Pheasant. Golden Plover. Mallard Drake. Bats (unidentified)].
- 1957 Carlisle Journal. 18<sup>th</sup> October, 1957. The Night Sky. Pink-feet on the pond. Polecat extinction? Local Specimen. Polecat Details. [Subjects include : Meteor Shower. Northern Lights. Pink-footed Geese. Polecat of "Foulmart"]].
- 1957 Carlisle Journal. 25<sup>th</sup> October, 1957. About Wild Geese. From the Arctic. Pink-footed Geese. Passing over Carlisle. Often together. A Smaller Goose. [Subjects include : Pink-footed Geese. Goose migration. Grey-lag Goose. Barnacle Geese].
- 1957 Carlisle Journal. 1<sup>st</sup> November, 1957. Storm over Solway. A Near Thing. Flock of Geese. Another Flight. Flooded Creek. Unsuspecting Hare. Mass of Geese. Birds in the Kale. [Subjects include :- Metal Bridge. Goldeneye. Grey-lag Geese. Hare. Pink-footed Geese. Curlew. Lapwing. Golden Plover. Gulls. Chaffinches. Yellow Bunting. Linnets. Tits. Blackbirds. Thrush].
- 1957 Carlisle Journal. 8<sup>th</sup> November, 1957. Birds and Weather. A mystery. Plumage Spoiled. Other City Visitors. Gulls on Blackheath. Geese on the Mosses. [Subjects include : Rain Deluge. Kestrel. Grey Wagtail. Carrion Crow. Tits. Lesser Black-backed Gull. Herring Gull. Geese on the Scottish side of the Solway Firth. Flora : Rosebay Willow Herb. Flickweed. Cotton Grass].
- 1957 Carlisle Journal. 15<sup>th</sup> November, 1957. Winter Bird Visitors. Waxwings. Hips and Haws. A Night Cry. Redwing and Fieldfares. Visiting Finches. Driven by Weather. [Subjects include : Winter Crops. Waxwings. Brambling. Redwing and Fieldfare. Siskin. Wild Geese and Swans. Duck migration Flora : Hips and Haws. Elderberries. Rowan. Cotoneaster].
- 1957 Carlisle Journal. 23<sup>rd</sup> November, 1957. Lough and Marsh. Pretty Picture. Change at Monkhill. Contrast. An Alarm. Unusual Sight. [Subjects include : Thurstonfield Lough. Monkhill Lough. Mute Swans. Coot. H.A,MacPherson. Wigeon. Tufted Duck. Moorhen. Goldeneye. Greenshank. Redshank. Dunlin].
- 1957 Carlisle Journal. 29<sup>th</sup> November, 1957. Countryside Changes. Man and Nature. Mountain Road. Gone forever. The Last Straw. Peat Cutting. Woodland to Waste. Before and After. [Subjects include : Great Dun Fell. Greystone Park. Tree Planting. Anthorn. Bolton Fell. Airfields. Re-forestation. Rockcliffe Marsh].
- 1957 Carlisle Journal. 6<sup>th</sup> December, 1957. Beside a Fell Tarn. Summer in Winter. Pochard and Mallard. Main Activity. An Attractive Picture. Not Common. Curious Cries. Seldom Seen. [Subjects include : Pochard. Mallard. Greater Black-backed Gull. Possible Water-rail].
- 1957 Carlisle Journal. 13<sup>th</sup> December, 1957. About the Badger. Unsuspecting Animal. Minds its Own. Business. He Lies Low. Strong and Stubborn. Down 11 feet. The Earth or Sett. [Subjects include : Badgers].
- 1957 Carlisle Journal. 20<sup>th</sup> December, 1957. On a Winter Day. Cross-country. Roseate Sky. Friendly Cattle. Flowers and Ferns. Few Holly Berries. A Silent Land. Gay Lighting. [Subjects include : Severe Frost. Partridge Covey. Jays. Carrion Crow. Cattle. Wood Pigeon Roost. Snipe. Peewits/Lapwing. Flora : Oak Tree. Sallow. Gorse. Hogweed. Ferns. Hard Fern].
- 1958 Carlisle Journal. 3<sup>rd</sup> January, 1958. Turn of the Year. Field Activities. White Stoat. Spruce and Pine. Roe Deer and Badger. Carlisle Wood. Tam-O-Shanter Night. [Subjects include : Woodpigeons. Magpie. Stoat. Larch Plantation. Evidence of Roe Deer. Badger Decline. Gamekeeper. Snow].
- 1958 Carlisle Journal. 10<sup>th</sup> January, 1958. When Winter comes. Climate & scenery. Blackbird lays an egg. Bulbs on show. Flowers. Fieldfare / Redwings. Gulls in winter. Stoat and Weasel. [Subjects include : Snow and rain. Wild Geese over Carlisle. Greylag. Possible White-fronted Goose. Barnacle Geese. Lenten Lily. Partridge covey. Fieldfare. Weasel. Stoats. Herring Gull. Black-headed Gull. Flora : Sallow. Honeysuckle].
- 1958 Carlisle Journal. 17<sup>th</sup>, January, 1958. Winter Walking. Anglers etc. Roadside. Woodpecker. Out of Place. Brown Buntings. Insect Hunting. Two Oak Trees. A Stubborn Owl. [Subjects include : Great-spotted Woodpecker. Polypody Fern. Reed Bunting. Yellow Bunting. Tree creeper. Little Owl (Possibly)].
- 1958 Carlisle Journal. 23<sup>rd</sup> January, 1958. Changed Countryside. More Ducks. Snug in the Wood. An Otter. Red Squirrel. [Subjects include : Mallard. Rooks. Bullfinch. Chaffinches. Yellow Buntings. Greenfinch. Blackbird. Thrushes. Tits. Wren. Goldcrest. Badgers Earth. Otter. Red Squirrel hibernation].

- 1958 Carlisle Journal. 24<sup>th</sup>, January, 1958. Winter Woodland. Trees in Snow. Badgers and Bullfinches. A Winter Evening. [Subjects include : Woodland Forestry. Great Spotted Woodpecker. Birch-bracket Fungi. Stoat. Roe Deer - footprints and scrapings. Bullfinch. Curlew Carrion Crow. Woodpigeon].
- 1958 Carlisle Journal. 31<sup>st</sup> January, 1958. When the Snow Came. Lone Goldfinch. Bothered and Bewildered. Chill on the Fells. Welcome Relief. The Carrion Crows. Preserving the Bees. Fewer Chaffinches. [Subjects include : Linnets. Goldfinch. Sparrow. Starling. Tawny Owl. Carrion Crow. Chaffinch. Wild geese. Rabbit Tracks. Larks. Lapwing. Ravens. Flora : Lenten Rose. Crocus. Hazel catkins].
- 1958 Carlisle Journal. 7<sup>th</sup> February, 1958. My Candlemas Day. Pair for Life. Signs of Spring and of danger. A Buzzard. Prefers a Tree. Small and Shy. Owls Hoot. [Subjects include : Bullfinch. Jay. Hare. Wood Pigeon. Catkins. Snowdrops. Mallard. Bluetits. Treecreeper. Roe Deer Signs.].
- 1958 Carlisle Journal. 14<sup>th</sup> February, 1958. A Terrible Day. Five Sundays. Constant Crow. First Wild Flower. Faithful Waterhen. Unlucky Gull. Old-timers Peewits. Wild Goose Ring. [Subjects include : Leap Years. Waterhen/Moorhen. Peewits/Lapwings. Kestrel. Gull with its foot trapped in a tin can. Wild Goose Ring. Bird ringing. Bird Migration. Ernest Blezard].
- 1958 Carlisle Journal. 21<sup>st</sup> February, 1958. A Wrong Choice. "Where's 'T Gahn?" Tufted Duck. Pochard. The Woodman. The Snow Storm. [Subjects include : Roe Deer hunting. Shooting Drive. Woodpecker drumming. Woodcock. Polecat. Red Squirrel decline].
- 1958 Carlisle Journal. 28<sup>th</sup> February, 1958. Snow on Sunday. Short-lived set-back. New Natural History. Where were they? Right this year. Short-eared Owl. The Reason. Food News Spreads. [Flora : Coltsfoot. Carlisle Natural History Society Report. Golden Plover. Short-eared Owl. Rodents. Field Voles].
- 1958 Carlisle Journal. 4<sup>th</sup> March, 1958. The Heron's Return. Natures New Role. A Brief Visit. Roe Deer. Large Winged Owl. The Fells.[ Subjects include : Herons/Heronry. Rooks/Rookery. Mallard. Teal. Green Woodpecker. Roe Deer Signs.. Barn Owl. Curlew. Jay. Great Tit. Pink-footed Geese. Flora : Sallow. Chestnut buds. Primrose. Snowdrops].
- 1958 Carlisle Journal. 14<sup>th</sup> March, 1958. Like Cumberland. Common Stock. More forward than Here. Odd Birds. "Mountain Waders". A Naturalists Paradox. Range and Distribution. [Subject : Visit to Anglesea].
- 1958 Carlisle Journal. 21<sup>st</sup>. March, 1958. In the Raven County. Suitable Crags.. Ice and Snow. Deserted Crag. Remote Raven Haunts. Adventure. Rough Road Back. [Subjects include : Ravens in the Lake District. Kestrel. Peewits/Lapwings. A Black Bull].
- 1958 Carlisle Journal. 28<sup>th</sup> March, 1958. Wintry Week Events. Direction and Time. Cold Dawn Chorus. Town Dwellers. Seen in the City. Inland Pastures. Heard in the Night. Welcome Change. [Subjects include : Pink-footed Geese. Blackbirds. Song Thrush. Dawn Chorus. Carrion Crow. Rook. Barn Owl. Kestrel. Solway. Peewits/Lapwings. Curlews].
- 1958 Carlisle Journal. 4<sup>th</sup> April, 1958. Buds Herald Spring. Full-throated Chorus. Nesting and offspring. The Cry of the Bat. Bat Species. Difficult to Tell. [Subjects include : Spring Bird Song and Territory. Curlew. Bat (not specified). Ernest Blezard. George Bolam. Whiskered and Horseshoe Bats].
- 1958 Carlisle Journal. 11<sup>th</sup>, April, 1958. On the Pennine Fells. Blanket of Snow. Bird song. Snipe and Silence. Abundance of Grouse. Ring Ouzel. [Subjects include : Peewits/Lapwing. Snipe. Coots. Tufted Duck. Grouse (40 pairs). Black Cock. Red Grouse. Ring Ouzel. Blackbirds].
- 1958 Carlisle Journal. 18<sup>th</sup>, April, 1958. In the Heron Wood. A Sitting Bird. Hatching Time. Incubation. Woodland Birds. Owl Look-out. Wallowing Carp. Fish Toll. [Subjects include : Herons/Heronry. Barn Owls. Great Spotted Woodpecker. Woodcock. Rooks/Rookery. Carp. Wood Pigeons. Curlew. Peewit/Lapwings. Flora : Celandine. Primroses].
- 1958 Carlisle Journal. 25<sup>th</sup>, April, 1958. Lambing in the field. Unconcerned Parents. A Buzzard. Return to Same Place. Crooning Blackcock. [Subjects include : Sheep. Lambs. Buzzard. Jackdaws. Dippers. Water Ouzel. Pipits. Kestrel. Curlew. Ring Ouzel. Blackbirds. Red Grouse. Blackcock. Heron. Wood Pigeon. Stock Dove].
- 1958 Carlisle Journal. 2<sup>nd</sup> May, 1958. Birds of Lakeland. Census of Birds. Illustrations. Novel Incidents. Comprehensive information. Spring at Last. Flowers Trees. [Subjects include : Ernest Blezard. Transactions : Carlisle Natural History Society. Crested Tits. Siberian Chiff-chaff. American Robin. Whiskered Tern. Carrion Crow. Yellow Wagtail. Blackbirds. Heronries. Fulmar. Ralph Stokoe. Flora : Primrose. White Violets. Toothwort. Larch. Sallow].

- 1958 Carlisle Journal. 9<sup>th</sup> May, 1958. An Evening in May. Enchanted Scene. Unfolding Foliage. Singing Birds. The Woodpecker. Camouflage Wonders. [Subjects include : Willow Warblers. Curlew. Peewits/Lapwing. Great Spotted Woodpecker. Partridge. Swallow. Cuckoo. Flora : Whitethorn. Blackthorn. Bullace. Birch. Alder. Willows].
- 1958 Carlisle Journal. 23<sup>rd</sup> May, 1958. On Bolton Fell. Pop goes the Weasel. Barn Owl Pair. Peat Rights. Cuckoo Country. Long Pole Plantation. Moss Litter Industry The Car Stuck. [Subjects include : Weasel. Roe Deer. Cuckoo. Barn Owls. Peat Cutting. Willow Tit. Willow Warblers. Whitethroat. Wildfowl. Flora : Andromeda. Cranberry. Cotton Grass. Marigold. Violets Anemones].
- 1958 Carlisle Journal. 30<sup>th</sup>, May, 1958. On Rockcliffe Marsh. Long Walk. Nesting here? Many Birds. Oystercatchers. A fine sight. [Subjects include : Rockcliffe. Metal Bridge. Thomas Telford. Tullie House. Solway Mirage. Goldeneye. Shelduck. Redshank. Sand Martin. Peewit nest and chicks. Redshank chicks. Oystercatcher. Dunlin. Skylark. Cattle].
- 1958 ( No entries kept for June and only one for July, to be investigated further).
- 1958 Carlisle Journal. 18<sup>th</sup> July, 1958. Where Becks are Born. Sike and Burn. The Loneliest House. Limited in their Range. Malcolm's Still. Evidence Visible. [Subjects include : Fell Walking. Sightly Fell. Becks and Burns. River Irthing. Tarn Beck Cot. Blackbird Nest. Illicit Whisky].
- 1958 Carlisle Journal. 8<sup>th</sup>, August, 1958. A Pennine Valley. Blossom Time. Crab Apple. Fairyland. Cuckoos and Ring Ouzels. A Curious. An Ancient Earthwork. [Subjects include : East Fells. Meadow Pipit corpse. Cuckoo. Ring Ouzel. Geology. Flora : Bird Cherry. Rowan. Mountain Ash. Alder Tree. Hazel. Crab-apple].
- 1958 Carlisle Journal. 15<sup>th</sup> August, 1958. On the Marsh. Lightning Kills Cow. A Strange Silence. August Flocks. Curlews Gone. Ducks without Distinction. First Wigeon. Young Gulls. [Subjects include : Rockcliffe. Cattle Pens. Cows. Linnets. Goldfinches. Golden Plover. Peewits. Holme Head Bay. Curlews. Ducks (In eclipse phase). Mallard. Wigeon. Black Backed Gull].
- 1958 Carlisle Journal. 22<sup>nd</sup>, August, 1958, August Evening. The Gathering Storm. Ants Everywhere. Bees in a Bush. Edible Toadstool. The Storm Breaks. Evening Sunset. Gull Gatherings. [Subjects include : Butterflies : Small White. Tortoiseshell. Midges. Ants. Bee Swarm. Woodpigeons. Sparrowhawk. Mallard. Common Gulls. Fungi : Chantarelle].
- 1958 Carlisle Journal. 29<sup>th</sup> August, 1958. By Orton Scar. Famous for Dotterels. A Rare Bird. Stupidly Tame. Old Nests. Flowers and Ferns. Fossil Shells. [Subjects include : H.A.MacPherson. Dotterels. Limestone Rock. Flora : Harts-tongue Fern. Maiden-hair Fern. Spleenwort. Knotted Pearlwort. Herb Robert].
- 1958 Carlisle Journal. 5<sup>th</sup> September, 1958. The Forest Park. A Changed Place. Limestone Barrier. Flowers Galore. Green Woodpecker. Roe Racing Ring. Badgers Sett. Hidden Holes. [Subjects include : Green Woodpecker. Roe Deer. Badgers. Flora : Scabious. Bluebells (Harebells?). Thyme].
- 1958 Carlisle Journal. 12<sup>th</sup> September, 1958. The Fine Spell. A Glow in the Sky. Birds on the Move. The Swifts have gone (from Geltsdale). Five and Twenty Blackbirds. Ant Hills. [Subjects include : Thunderstorms. Northern Lights or Aurora Borealis. Sandpiper Call. Curlew migration. Swifts. 20 Blackbirds. Wheatears. Ant Nests].
- 1958 Carlisle Journal. 19<sup>th</sup> September, 1958. A September Evening. The Green Lane. Evening. A Hare. It Stands and Stares. Nearest Ever. [Subjects include : Woodpigeons. ("Cushants"). Hares vision. Flora : Honeysuckle berries].
- 1958 Carlisle Journal. 26<sup>th</sup> September, 1958. A wet Evening. The Keeper. No Naturalist Allowed. Unsatisfactory Interview. The Bees Again. No Rabbit Recovery. More Hares? Wagtails here. [Subjects include : Gamekeepers. Rabbits. Myxomatosis. Stoat and Weasel. Hare. Pied Wagtails].
- 1958 Carlisle Journal. 3<sup>rd</sup> October, 1958. The Geese Arrive. Seen in the City. By Beaumont. Sandpipers. Brambles. Monkhill Lough. Thurstonfield Lough. Orton Woods. [Subjects include : Solway. Wild Geese. Sandpipers. Green Sandpipers. Swallows. Common Gulls. Large Bramble Crop. Blackberries. Decline of Loughs. Woodpeckers (Greater Spotted and Green). Waterhen / Moorhen. Snipe. Flora : Reeds. Sedge].
- 1958 Carlisle Journal. 10<sup>th</sup>, October, 1958. Rivers and Rain. Where they Rise. From Skiddaw Forest. To Bitts Park. Hedgerow Harvest. The White Beam. Beech. Ash Trees. [Subjects include : Flooding. River Caldew. Carrick Fell. River Eden. River Irthing. Flora : Wild Fruit. Hawthorne Harvest. White Beam. "Cumberland Hawthorn". Ash Keys. Chestnuts/Conkers].
- 1958 Carlisle Journal. 17<sup>th</sup>, October, 1958. Estuary and Marsh. The Tide Wrack. Geese in Thousands.

- How they Cry. On the Wing. Swans on the Marsh. A Change Now. Feeding Activities. [Subjects include : Flooding. Pink-footed Geese. Greylags. Heron. Mute Swans. Curlew. Golden Plover].
- 1958 Carlisle Journal, 24<sup>th</sup> October, 1958. Seasonal Events. During Darkness. Haws and Hard Weather. The Goldfinches Again. What they Prefer. Like Acrobats. Return of the Kestrel. Where they Rest? [Subjects include : Redwing. Hips and Haws. Fieldfares. Goldfinch numbers. Kestrel. Carrion Crow. Flora : Hawkweed and thistles].
- 1958 Carlisle Journal, 31<sup>st</sup>, October, 1958. Autumn Evening. Colour in Decay. Wasted Crops. Full and Plenty. Gulls and Grain. Mud and Mire. Noises at Night. Careless Pheasants. [Subjects include : Autumn Colours. Grain crops as Duck food. Harvesting by Rodents. Badgers. Common Gulls. Black-headed Gulls. Fungi-Boletus. Water-filled Quarries. Little Grebe. Dabchick. Waterhen/Moorhen. Pheasants. Carrion Crow. Snipe].
- 1958 Carlisle Journal, 7<sup>th</sup> November, 1958. Disappearing Birds. Not so Dull. "Old Bob". A Queer Fellow. Not Decreasing. Declining Whinchats. Fewer Corncrakes. Blame the Mower. [Subjects include : Whinchats. Corncrake. Nightjar].
- 1958 Carlisle Journal, 14<sup>th</sup>, November, 1958. The Valley Woods. Dumpy Dipper. Food for the Roe Deer. Manner of Feeding. Kingfisher "Nests". Then and Now. [Subjects include : Dipper. Roe Deer browsing. Wood Pigeons. Rooks. Jay. Kingfisher Flora : Acorns. Beech Nuts].
- 1958 Carlisle Journal. 21<sup>st</sup> November, 1958. Peewits in Winter-time. Favourite Fields. Gulls are Choosy. Changed on the shore. Noisy and Numerous. Gull Assortment. Widgeon Unaware. [Subjects include : Solway Marshes. Peewit/Lapwing, Winter Visitors and Migration. Curlew. Redshank. Oystercatcher, great flocks. Black-headed Gulls. Common Gulls. Herring Gull. Pink-footed Geese. Wigeon (60/80)].
- 1958 Carlisle Journal. 28<sup>th</sup> November, 1958. Day and Night. Moon and Mist. Waterlogged Land. Greenfinches. Different in Winter. The Hare. Brown Gulls. Exceptional. [Subjects include : Night Walks. Large flocks of Greenfinches. Hares and Rabbits. Gulls. Lesser Black-backed Gulls. Greater Black-backed Gull].
- 1958 Carlisle Journal. 12<sup>th</sup> December, 1958. The Darkest Days. Brambling. Like Chaffinch. The Difference. Thousands of Eggs. Sick to the Sea. [Subjects include : Brambling. Flock Migration. Salmon Run. Flora : Beech nuts. Haws and Thistles. ].
- 1958 Carlisle Journal. 19<sup>th</sup> December, 1958. Time Flies Swiftly. Memories. Berryless Holly. Ivy Neglected. Mistletoe. Rites if Druids. The Christmas Tree. [Subjects include : Druid and Christmas Festivals. Flora : Holly Berries. Ivy. Mistletoe. Oak Trees. Christmas Trees].
- 1958 Carlisle Journal. 26<sup>th</sup> December, 1958. Carlisle Journal. The Turn of the Year. Light and Life. The Simple Things. Shortest and Best. Bark Diet. Countryside Sounds. Eating the Haws. [Subjects include : Shortest day of the year. Scots Pine bark as sheep food. Rabbits and bark. Cock-crowing. Fieldfare. Redwing. Blackbirds].
- 1959 Carlisle Journal. 2<sup>nd</sup> January, 1959. The Strange Gift. Thoughtful Friends. Green Countryside. In Mighty Spate. Some Migration. [Subjects include : Australian Boomerang. Tufted Duck. Pochard. Starling Flock. Carrion Crow. Fieldfares. Wood Pigeon("Ring Dove"). Migration. Scarce Rabbits].
- 1959 Carlisle Journal. 9<sup>th</sup> January, 1958. First Bird Song. One Favourable Hour. Biding their Time. Three Stags. Uncommon Here. Red Deer in Lakeland. The Shy Roe. Now at Peak? [Subjects include : Winter bird song. Hedge Sparrow. Blackbirds. Gulls. Fallow Deer - Yealand. Red Deer. Martindale Forest. Roe Deer].
- 1959 Carlisle Journal. 16<sup>th</sup> January, 1959. A Wintry Countryside. Frozen Ponds and Fields. Bare Trees. Twittering Chorus. Many Birds. A Great Surprise. Passing Through. The Birds Record. [Subjects include : Icy Conditions. Mute Swans. Tufted Duck. "many Rabbit tracks". Long-tailed Tits. Goldcrest. Hedge Sparrows. Jay. Wood Pigeon. Fieldfare. Snow Bunting? Sandpiper. Ernest Blezard].
- 1959 Carlisle Journal. 30<sup>th</sup>, January, 1959. The Frost Again. Curlew in Winter. Wildly Calling. A Curious Habit. Hare. Partridge. Attractive in Decay. Food Seekers. [Subjects include : Curlew. Hare. Partridge Pair. Rabbits. Ferrets. Snipe. Blackbirds. Thrushes. Redwing. Fieldfare. Flora : Hogweed. Hemlock. Willow Herb. Redwing. Fieldfare].
- 1959 Carlisle Journal. 6<sup>th</sup> February, 1959. Seen in the City. Seldom seen inland. Reluctant to Leave. Fieldfare Fulfilment. The Crow Returns. Wild Geese Cry. Stately Teasel. Killed by Diesels. [Subjects include : Northern Lesser Black-backed Gull Race. Fieldfares in great numbers. Carrion Crow in the City. Solway Wild Geese. Burgh Marsh. Birds killed by Diesel

- Locomotives].
- 1959 Carlisle Journal. 20<sup>th</sup>, February, 1959. Told not to cycle. Trusted Steed. Song of Skylark. Badger Activity. The Badgers Food. Guided by Scent. Road Work Disclosures. Ancient Remains. Interesting Discovery. [Subjects include : Cycling. Skylark. Badger. Glacial Boulder (Carrick Granite). Ancient Earthworks and Burials].
- 1959 Carlisle Journal. 6<sup>th</sup> March, 1959. At the Heronry. Not so Spreading. Sticky Buds Wanted. The Keeper Arrives. Few Herons. Later than formerly. The Rooks Inspect. Wood Pigeons. Skybeck Wood. Roe Deer Pair. [Subjects include : Herons/Heronries. Curlew. Peewits/Lapwing. Green Woodpecker. Tawny Owl. Roe Deer. Flora: Horse Chestnut Buds. Snowdrops].
- 1959 Carlisle Journal. 13<sup>th</sup>, March, 1959 A Winning Week. First Flower. "Foalsfoot". Beckside Alders. Pet Mouse Mystery. Waxwings Again. Cry of the Curlews. Gulls Return. Avian Highway. [Coltsfoot. Alder Catkins. Lost pet white mouse. Waxwing. Ernest. Blezard. Curlew. Coot. Lesser Black-backed Gull in Carlisle].
- 1959 Carlisle Journal. 20<sup>th</sup>, March, 1959. Fell and Tarn. Spring meets Winter. A Thousand Gulls. Curious Display. Speed and Grace. Distinctive Voices. A Ravens Return. Darkness falling. [Subjects include : Tindale Fells. Curlews. Redshank. Skylark. Black-headed Gulls. Gulls flying display. Bewick Swans. Raven].
- 1959 Carlisle Journal. 27<sup>th</sup>, March, 1959. Waxwing Visitation. Recent Incidents. Preparing to depart. Birds of Passage. Ouzel and Wheatear. The Golden Plover. Winter Visitors. Also Perplexing. [Subjects include : Waxwings (Rickerby, Castle Carrock Askam and Sowerby Row). E. Blezard. Fieldfares. Ring Ouzel. Wheatear. Meadow Pipit. Golden Plovers (Northern and Southern Races). Goosanders].
- 1959 Carlisle Journal. 3<sup>rd</sup>, April, 1959. An Easter Outing. Typical of March. Attractive Gorge. Changing Scene. Departing Fieldfares. Badger and Roe Deer. Alarm and Curiosity. Deceptive Crossing. Newcomer to Moors. [Subjects include : Gilsland. River Irthing. Fieldfares. Sparrow Hawk. Jackdaws. Badger. Roe Deer. Otter Marks. Golden Plover. Titlarks].
- 1959 Carlisle Journal. 10<sup>th</sup>. June, 1959. Flowers in Spring. Matter of Environment. Railside Flowers. A Second Series. Local Names. April Migrants. Departing Redwings. Cries in the Night. Oystercatcher inland. Heard Again. High-flying Migrants. [Subjects include : Science of Ecology. Redwings. Migration cries. Oystercatchers. Bar-tailed Godwit ? Flora : Alder and Sallow Buds. Butterbur. Horsetails or "Paddick Pipe."].
- 1959 Carlisle Journal. 17<sup>th</sup>. June, 1959. Re-visiting Geltsdale. The Three Areas .A Long Way. Goosanders. Old Water. Woodpeckers. Tracks and Bridges. An Old Road. Old Coal Mines. Remote and Peaceful. [Subjects include : Geltsdale (Middle, Lower and Upper). Pennines. Hynam Bridge Goosanders. Geltsdale House. "Miners Cabin". Great Spotted Woodpecker. Sheep. Tarnmonarth Fell. Miners].
- 1959 Carlisle Journal. 24<sup>th</sup>, April, 1959. A Disappointment. Suggests the Worst. The Herons Desert. Census Revelation. Amazing Incident. Hunter and Hunted. Exciting Chase. Kestrel Frustrated. New Behaviour. [Subjects Include : Herons and Heronries. Corby High Wood. H.A.MacPherson. Kestrel Hunts a sparrow on a railway turntable. Hedgehog].
- 1959 Carlisle Journal. 1<sup>st</sup>, May, 1959. Glorious Springtime. Colour and Gaiety. Enchanting Scene. Loveliest of Trees. Landscape makers. Willow Warbler. The Wood Warbler. Blackcap. Petteril Valley. Barrock Park. Plain of Cumberland. Warblers. Willow Warblers. Chiffchaff. Wood Warbler Flora : Dandelions. Celandine. Primroses. Cherry Blossom. ].
- 1959 Carlisle Journal. 8<sup>th</sup> May, 1959. Those ill winds. The "Helm". Morning Chorus. Weasel on Sidings. Cries in the Dark. Woodcocks "Nest". Very Little Cover. [Subjects include : "Helm Wind". Cross Fell. Weasel and Stoats. Willow Warbler. Thrush nest on railway wagon. Grey Wagtail. Flora : Garlic Mustard or "Jack by the Hedge. Dandelion. ].
- 1959 Carlisle Journal. 15<sup>th</sup>, May, 1959. Bait for a Fox ? Placed as a Bait. Boyhood Haunts. Lush Growth. Changes. A Remarkable Man. Still Fishes. The Old Mill. Bog Oak. [Subjects include : Woodcock. Hen's egg poisoned? Pest Traps. "The Flow". Fields Systems. "Deals". Wedholme Flow. Black Oak Trunks. Sedge Warblers].
- 1959 Carlisle Journal. 22<sup>nd</sup> May, 1959. Storm Aftermath. Boulders Dislodged. Hour of Havoc. Trout More Numerous. New Kind of Ants. Pied Flycatcher. Ring Ouzels Nest. "Summer Snipe". [Subjects include : River Gelt. Trout. Green Woodpecker. Varieties of Ants. Geltsdale House. Pied Flycatcher. Ring Ouzel. Sandpiper or "Summer Snipe". Flora : Bird Cherry, "Hockberry". Alders. Birch. Rowan].

- 1959 Carlisle Journal. 29<sup>th</sup> May, 1959. The Wagtail Family. Misleading names. Decidedly Scarce. Nesting in Carlisle. On the Swifts. Railway Yard. [Subjects include : Pied Wagtail. White Wagtail. Grey Wagtail. Yellow Wagtail and nest. H.A.MacPherson. "Ray's Wagtail"].
- 1959 Carlisle Journal. 19<sup>th</sup> June, 1959. Good luck and Bad. Week in the Wilds. Deserted Dwellings. Birds at Broadside. Owl on Eggs. Brood of Woodcock. Parent Carries Chick. [Subjects include : North Pennines. Christianbury Cragg. Lynestead. Swallow. Cuckoo. Rock Dove. Woodcock. Barn Owls].
- 1959 Carlisle Journal. 26<sup>th</sup> June, 1959. Woodcock on Fells. At the Peats. The Beck Ground. Nesting Curlew. Roe Deer. Pleasant Surprise. [Subjects include : Woodcock. Broadside. Peat Cutting. Kettle Head. Swallows Nesting. Lyne Valley. Mistle (Missle) Thrush. Curlew Nest. Ring Ouzel. Peewit. Golden Plover. Snipe. Roe Deer. Adder. Flora : Cinquefoil].
- 1959 Carlisle Journal. 3<sup>rd</sup> July, 1959. A Day at Bewcastle. Cross Hill. Christian Cross. Goosander Country. The Nest. The Sitting Bird. Angry and Anxious. No Pictures. [Subjects include : Cross Hill. Goosander Nest. Flora : Marigolds. Buttercups. Ragged Robin. Heather. There is a photograph of Ritson Graham with his Grand daughter, Linda].
- 1959 Carlisle Journal. 10<sup>th</sup> July, 1958 Four-day Expedition. Good Visibility Essential. Direct Route. Seldom Planned. Welcome Lift for Pack. Fosse of the Galwegians. No Wild Goats Seen. Change in Plant Life. An Uncanny Silence. Malcolm's Still. [Subjects include : Northumberland Boundary. Christianbury Crag. Red Sike. Shepherds. Wild Goats. Carrion Crow. Flora : Cloudberry or "Knoutberry". Whortleberry].
- 1959 Carlisle Journal. 17<sup>th</sup> July, 1959. Where Becks are Born. Meeting of the Waters. Abode of Wild Birds. Scarcity of Ravens. First of the Mole Hills. Cultivation. [Subjects include : Irthing Head. Goosanders. Peewits/Lapwing. Redshank. Snipe. Sandpiper. Dunlin. Dipper. Ravens. Wheatear Plumage. Moles.
- 1959 Carlisle Journal. 21<sup>st</sup> August, 1959. Those August Evenings. Enchanting time of the year. Changing Back Roads. Repetitive Song. Unique Landscape. Possible Explanation. Off to their Feeding Haunts. [Subjects include : Hedgerow management and effects upon plants and wildlife. Roadside Verges. Cows and Verges. Oak Trees. Inglewood Forest. Yellow Bunting. Wood Pigeons. Common Gulls. Grain stocks. Corn Stooks. Drainage. Mallard].
- 1959 Carlisle Journal, 28<sup>th</sup> August, 1959. Autumn Early this Year. Noticeable Among Young Birch. Fast Ripening Wild Fruit. The Bramble Crop. Peacock Butterflies. More Marked this Year. One of the Rare Tits. Hedgehogs in Town. [Subjects include : Blackberries. Campfield Marsh Mushrooms. Curlews. Marsh Tit. Butterflies : Large White. Green-veined. Wall. Peacocks. Red Squirrel Decline. Ernest. Blezard].
- 1959 Carlisle Journal. 4<sup>th</sup> September, 1959. Hamlet of Beaumont. Roman Builders. Eliminated Detour. Birds on the River. Brambles in Plenty. Changes on the Farm. Things of the Past. Corncrake scarcity. [Subjects include : Roman Wall. 'Waths'. 'Carbed Islands'. Curlew. Redshank. Sandpipers. Black-headed Gull. Common Gull. Lesser Black-backed Gull. "Holmes Lonning". Harvest. Milking Machines. Corncrake].
- 1959 Carlisle Journal. 11<sup>th</sup> September, 1959. History Abounding. Memorable Excursions. Barron's Pike. Written Rock. Uncommon Moths. Un-occupied "Strong House". [Subjects include : Bewcastle Cross. Grass of Parnassus. Kirkbeck Valley. Migrating Meadow Pipits. Thistles. Mountain Carpet Moth. Mottled Carpet Moth. Bronze age dwellings. Woodhead. Barn Owls. Mallard. Wigeon. Goosanders. Mergansers].
- 1959 Carlisle Journal. 18<sup>th</sup>, September, 1959. On Solway Marshes. Eden in New Light. A Mixed Company. They Come and Go. Welcome Visitors. High Pitched Whistle. Elegant and Attractive. Changing Plumage. [Subjects include : Solway Marsh. Rockcliffe. Burgh by Sands. Low Tide. Black-headed Gulls. Common Gull. Lesser Black-backed Gull. Curlew. Lapwing/Peewit. Golden Plover. Greenshank].
- 1959 Carlisle Journal. 25<sup>th</sup> September, 1959. Rare Visiting Bird. Job for an Expert. Other Divers. Many feed on fish. Of Great Interest. Liberated on the Irthing. [Subjects include : Black-throated Diver. Divers in general : Great Northern and Red-throated Diver. H.A.MacPherson].
- 1959 Carlisle Journal. 2<sup>nd</sup>, October, 1959. Bird with "Nowt on it". "doon theer". Search of a dyke. Odd and Exceptional. The Geese Arrive. Ravens for Company. [Subjects include. Black-throated Diver. "Sawbills". Pink-footed Geese. Ravens].
- 1959 Carlisle Journal. 9<sup>th</sup>, October, 1959. Redwings Here Again. Harbingers of Change. Not All Hear It? Most Numerous Ever. Mushrooms Appear. Among the Potatoes. Brambles Going to Waste. Can

- You Solve this Mystery? (Lost Pillowcase). [Subjects include : Redwing. Fungi : Mushrooms. Butterflies and Moths. : Red Admiral. Small Tortoiseshell. "Whites". Wall. Fritillaries. Peacock. Tiger Moths. Hawk Moths. Angle Shades].
- 1959 Carlisle Journal. 16<sup>th</sup> October, 1959. Visit to Scalby Moss. Link with Carlisle. Extensively Worked. Unlike other Peat Areas. Tree Growth. Old Houses Here. The Bird Life. Magpies and Jays. [Subjects include : A Carlisle Natural History Meeting. Peat for Fuel. Tree Growth. Tits. Treecreeper. Warblers. Pipits. Marsh and Willow Tits. Magpies. Jays. Redwing. Hares. Roe Deer Tracks. Flora : Sundew. Bog Asphodal. Cranberry. Andromida].
- 1959 Carlisle Journal. 23<sup>rd</sup> October, 1959. This Welcome Change. Welcome Water. Calling of Redwings. Large Numbers on the Move. White-headed Blackbirds. Albino Robin. Wild Geese on Park Ponds. [Subjects include : Redwing Migration. Blackbirds. Albinism. Robin. Wild Geese].
- 1959 Carlisle Journal. 30<sup>th</sup> October, 1959. A Caldbeck Mystery. Shepherd Attacked. Mystery Unsolved. Suggested Explanation. Features of Polecat. Very rare Indeed. Polecat/Ferret. [Report of a Shepherd attacked by either Polecat / Pine Marten / Polecat Ferret].
- 1959 Carlisle Journal. 13<sup>th</sup>. November. About a Great Estate. The Stately Stamp. Loveliness in the Tangle. Partridges Get Away. Wood Pigeons Galore. Where were the Hares? [Subjects include : Woodlands. Partridge. Blackbirds. Robin. Wood Pigeons. Flora : Red Clover. Sow Thistle. Chickweed. Corn Spurry. Oakwood].
- 1959 Carlisle Journal. 20<sup>th</sup> November, 1959. Never a Dull Week. Observation Opportunities. Variety of Wild Plants. Buzzards and Roe Deer. In Spate Again. Eden and Caldew Rivers. Why the Differ. [Subjects include : Bullfinches. Gold finches. Herring Gull. Buzzard. Roe Deer. Rivers Caldew and Eden].
- 1959 Carlisle Journal. 27<sup>th</sup> November, 1959. On the Marsh. Dismayed Magpies. Resident Gull. About 2,000 Geese. Seen from the Hut. [Subjects include : Kestrel. Magpies. Lesser Black-backed Gull. Esk Estuary. Goosanders. Heron. Redshank. Mallard. Pink-footed Geese].
- 1959 Carlisle Journal. 4<sup>th</sup> December, 1959. Spring in Winter. Waxwings Near Wigton. Call from Brampton. Buds now Appearing. [Subjects include : Waxwings. Blackbirds. Sycamore Buds Appearing. Lesser Black-backed Gulls].
- 1959 Carlisle Journal. 11<sup>th</sup>, December, 1959. A Wild Week. Difference in Sound. Rings on their Legs. Rat or Vole? [Subjects include : Tawny Owl. Barn Owl. Black-headed Gull with Ring on Leg. Rats and Water Voles. Rodents].
- 1959 Carlisle Journal. 18<sup>th</sup>, December, 1959. Winter Walking. By Muddy Ways. Holly Berries Scarce. By the Beck. This was New Terrain. The Field of Kale. [Subjects include : Polypody. Hard Fern. Holly Trees. Rooks. Starlings. Wood Pigeons. Redwing. Pheasant].
- 1960 Carlisle Journal. 1<sup>st</sup> January, 1960. Nature's promise and fulfilment : Harbringers of Spring. Winter and hard weather. Sociability among birds. The Tits in Winter. How Roe Deer fare. A Lovely Animal. Fell-side farm incident. Hunger-the great leveller. [Subjects include : Lack of insect food. Tit Survival. Goldcrests. Roe Deer. Red Grouse. Black Grouse. Wild Goats. Flora : Sallow. Hazel. Chestnut. Mosses/lichens].
- 1960 Carlisle Journal. 8<sup>th</sup> January, 1960. When Winter comes : What we expect of March, Value of the "early bite". Specialists at work. Fascination of wildfowl. Shore & Estuary. The Countryside in winter. Either they do or they don't. [Subjects include : Fellside Grass. Ducks, Divers and Waders. (Some pieces missing)].
- 1960 Carlisle Journal. 15<sup>th</sup> January, 1960. Black Grouse Query : A habit of the species. They like the berries. Extinct in some places. A Winter habit. Nuptial display. Why Stoats turn white. Matter of latitude. Relic of the past. [Subjects include : Hawthorn, Rowan and Bilberries. Black Grouse. Flocking behaviour and advantages. Stoats].
- 1960 Carlisle Journal. 22<sup>nd</sup> January, 1960. Changing scene by the beck : The Rooks return. A Green Sandpiper. Frequent the same place. Guide to identification. [Subjects include : Alders. Rooks. Green Sandpiper].
- 1960 Carlisle Journal. 29<sup>th</sup> January, 1960. Reflections following the rain : Good time for ducks. Wood Pigeon problem. Dykes down. A Lane transformed. Position simplified. [Subjects include : Tufted Duck. Pochard. Pinkfooted Geese. Wood Pigeons. Robin. Hedge Sparrow. Blue Tits and their movements].
- 1960 Carlisle Journal. 5<sup>th</sup>, February, 1960. The State of the Rivers. Freshwater Mussels. The Pearl Mussel. Examining landscape. Pipit and Goldfinch. A early Blackhead. A remarkable sky. Not common in area. Outstanding tree. [Subjects include : 'Swan Mussel'. Goldfinches. Meadow

- Pipit. Bewick's Swans. Mute Swan. Black-headed Gull. Black Poplar Tree. Cloud formations].
- 1960 Carlisle Journal. 12<sup>th</sup>, February, 1960. Wood in the valley : Unusual haunt for swans. Certain of catkins. A Squirrel came. Long continued poise. Active in mid-winter. Roe Deer highway. Woodpigeon flock. Call of a Woodpecker. [Subjects include : Rook. Mute Swan. Red Squirrel. Roe Deer. Woodpigeons. Great-spotted Woodpecker. Flora : Hazel].
- 1960 Carlisle Journal. 19<sup>th</sup>, February, 1960. Mantle of snow over countryside : Beautiful bird. Frustrated Peewit. Harbingers of Spring. Tracks in snow. A line of wild geese. [Subjects include : Wigeon. Peewits/Lapwing. Golden Plover. Skylarks. Fieldfares. Redwing. Fox tracks].
- 1960 Carlisle Journal. 26<sup>th</sup>, February, 1960. Little change in the countryside : Ten-mile circuit. Gates a problem. Snow broth on becks. Peewits & Curlew. Lambs at play. [Subjects include : Farm gates. Lapwings. Curlew. Dipper. Snowdrops].
- 1960 Carlisle Journal. 4<sup>th</sup>, March, 1960. These are inspiring days : Where the wild geese go. Dislike the night frost. Long and short journeys. Most come to the Solway. Feeding forays. Birds begin to sing. City rabbits scarce. [Subjects include : Rockcliffe Marsh. Wild Geese. Flora : Coltsfoot].
- 1960 Carlisle Journal. 11<sup>th</sup>, March, 1960. Wonderful Weekend : Peewit's love song. Ghost-like Woodcock. Drumming Snipe. Deserted Heronry. Unaccountable happening. Other interests. Flattered to deceive. [Subjects include : Lapwing. Woodcock "Roding". Snipe "Drumming". Herons. Corby High Wood Heronry. Rooks. Roe Deer. Curlew].
- 1960 Carlisle Journal. 18<sup>th</sup> March, 1960. Springtime advance maintained : Birds in Song. Pleasant companion. Woodcock on Fells. The Green Woodpecker. [Subjects include : Curlew. Lapwing. Thrush. Blackbird. Green Woodpecker. Flora : Coltsfoot. Barren Strawberry. Chickweed].
- 1960 Carlisle Journal. 25<sup>th</sup>, March, 1960. Hedgehog has rude awakening : Pitiful cries. Trapped Hedgehog. Pearl found in Eden. Spring looks on streams. The Reed Bunting. Cries in the night. [Subjects include : Hedgehog. Pearl Mussel-River Eden. Reed Bunting "Reed Sparrow". Greenshank. Flora : Alder. Butterbur].
- 1960 Carlisle Journal. 1<sup>st</sup>, April 1960. Penetrating wind on the Moors : Penetrating chillness. Landscape in technicolour. Pleasant surprise. Magic touch of sunshine. Kestrel & Raven. Dignity and impudence. [Subjects include : Helmwind? Goosander. Kestrel. Raven. Stock dove. Dipper].
- 1960 Carlisle Journal. 15<sup>th</sup> April, 1960. A return to Spring-like conditions : Due to the wind. Spring visitors arrive. Ravens nest in Winter. Fells yet bare. Attractive bird badly named. [Subjects include : Migrants. Ring Ouzel. Raven. Wheatear. Lapwing. Meadow Pipit. Warblers. Grey Wagtails. Bats Flora : Wild Ash. Nettles. Dandelions].
- 1960 Carlisle Journal. 22<sup>nd</sup> April, 1960. Easter time transforms the fell tarn : Annual awakening. The Valley of Song. Few and far between. Belated visitors. Strange visitors. Never fails to impress. Plaintive tune. [Subjects include : Peewits. Redshank. Dunlin. Goosanders. Goldeneye. Tufted Duck. Lesser Black-backed Gull. Golden Plover. Merlin].
- 1960 Carlisle Journal. 29<sup>th</sup> April, 1960. Lambing time on the fells : Weakling lambs. Deserted dwellings. Ancient plough. Christianbury reflections. On the Craggs. In the forest. [Subjects include : Lambing. Barn Owls. Bullfinch. Woodcock. Red Grouse. Meadow Pipits. Roe Deer. Mallard. Raven. Missing Wild Goats].
- 1960 Carlisle Journal. 6<sup>th</sup> May, 1960. May Day in a vernal paradise : An ideal setting. Islet of flowers. Parish Boundaries. The Dawn Chorus. [Subjects include : May Day. Jay. Bullfinch. Oystercatcher. Boundary Stones. Swarming Bees. Flora : Violets. White Anemone. Wild Hyacinth. Cherry. Blackthorn. Toothwort. Meadow Saxifrage].
- 1960 Carlisle Journal.. 27<sup>th</sup>, May, 1960. Holiday Memories : May morning at the Croft. In Sheep country. Story of a cauldron. [Subjects include : Bewcastle and Gilsland Fells. Sheep/Lambing. Cock-pits. Black Moss- site of a Romano-British Cauldron-donated to Tullie House].
- 1960 Carlisle Journal. 3<sup>rd</sup>, June, 1960. Exploration on the Moors : A new route. Deserted by Gulls. A "Tame" Trout. [Subjects include : Bewcastle. Whitehill. Golden Plover. Meadow Pipit. Redshank. Curlew. Black-headed Gull Colony failure. Fox depredation. Trout. Whooper Swan. Rabbits. Brown Hare. Sparrows decreasing. Robin].
- 1960 Carlisle Journal. 10<sup>th</sup>, June, 1960. Exploration of Sheilings : Remarkable series of Craggs. Refuge for sheep. Traversing a wilderness. Narrow and twisted Gorge. Hope House. [Subjects include : Whitehill. Sheilding enclosure. Muckle Samuels Craggs. Sheep. Blackcocks. Seven Linns. Drowningholes Sike. Chirdon Beck. Hope House].
- 1960 Carlisle Journal. 17<sup>th</sup> June, 1960. Wildlife at Whitehill : Carrion Crow. Tales of damage and

- cruelty. To Butterburn Linns. Oystercatchers. Inland home. Kestrels on the crags. Sunday Burn. [Subjects include : Dipper. Wagtail. Martins. Swallows. Sandpiper. Redshank. Shooting Carrion Crows. Lapwing. Oystercatcher. Kestrels].
- 1960 Carlisle Journal. 24<sup>th</sup> June, 1960. Last day on the Moors : Dangerous tract of bog. Interesting Feature. [Subjects include : Horseholm. The Wou. Bogs. Water Voles. Grey Wagtail. Kestrel].
- 1960 Carlisle Journal. 1<sup>st</sup> July, 1960. Summer on the Solway : Group of Goosanders. Marsh land increasing. Solway silting up. Gulls watching and waiting. [Subjects include : Changing seascapes. Marsh Cattle. Goosanders. River Esk. Carlisle Canal. Rockcliffe Marsh. Gulls. Terns. Flora : Sea Thrift].
- 1960 Carlisle Journal. 8<sup>th</sup> July, 1960. Exploring the green Lonnings : Lanes heavy with scent. Swarm of Butterflies. A young Whitethroat. Remains of Well. Of recent origin. [Subjects include : Unkept hedges. Meadow Brown Butterfly. Whitethroat. Willow Warbler. Swine style well. Flora : Dog Rose. Honeysuckle].
- 1960 Carlisle Journal. 22<sup>nd</sup> July, 1960. The break in summer weather : The passing summer. Curlews come down. Scarcity of Corncrakes. Osprey in Cumberland. Recent Records. [Subjects include : Swallows. Corncrake - victims of mowing machines? House Martins. Peewits / Lapwings. Osprey].
- 1960 Carlisle Journal. 29<sup>th</sup> July, 1960. Out and About - Dog days of summer. Medley of voices. Birds of the Becks. The Yellow Wagtail. Rabbits re-appearing. Visiting Gulls. The Thistle Looper. [Subjects include : Woodpigeons. Carrion Crows. Barley Crop Grey Wagtails. Yellow Wagtails. Rabbits. Common Gulls. Solway].
- 1960 Carlisle Journal. 5<sup>th</sup> August, 1960 Out and About : Wild Moorland route : Well worth a visit. Moor and Fell. Spot to picnic. Grouse Covey. Young hare looks on. "Warning appearance" White Heather discovery. [Subjects include : Langholme Esk Valley. Newcastleton Liddle Valley. Torras Water. Red Grouse. Juvenile Hare. Lamb illness -called 'yellowses.' Flora : Rare White Heather].
- 1960 Carlisle Journal. 12<sup>th</sup> August, 1960. Out and About. Signs of Autumn on Countryside : Ways of the Willow-herb. In an old fireplace. Straw pleat expert. Known by their tails. The Green Sandpiper. [Subjects include : Hay Harvest. Road-side verges and their destruction. Green Sandpiper. Wheatear. Redstart. Sandpiper. Wagtails. Flora : Rowan. Meadow Sweet. Ox-eyes. Rosebay Willow-herb].
- 1960 Carlisle Journal. 19<sup>th</sup> August, 1960. Out and About : A car ride in the moorland country, Across the open moor. Green-backed Peewits. Removing the fords. A Rare Rush. [Subjects include : Gilsland Moors. Churnsike Lodge. Haymaking. Peewits. Wheatears. River Irthing. Bull Rush].
- 1960 Carlisle Journal. 26<sup>th</sup> August, 1960. Out and About : Countryside is "Clashed" after heavy rain. A rare specimen. Plant book definition. Tree stump observation. Herons appear. Strange behaviour. All very mysterious. Familiar bird call. [Subjects include : Ducks in "eclipse". Heron. Marsh Tits. Flora : Knapweed. Harebell. Hemlock. Wild Chicory or "Succory"].
- 1960 Carlisle Journal. 2<sup>nd</sup> September, 1960. Out and About : Migratory birds set problem by night cry, Difficult to identify. Unusual crossing. Curlews on Coast. A brambling expedition. [Subjects include : Bird Migration. Bar-tailed Godwits. Curlew. Picking Blackberries].
- 1960 Carlisle Journal. 9<sup>th</sup> September, 1960. Out and About : Rain and wind havoc amongst the Stooks. Few harvesters in action. Armathwaite Woods. Wealth of Colour. Autumn harbingers. Bizarre bird life. Timid Roe Deer. [Subjects include : Autumn Harvest. Blackbirds. Great-spotted Woodpecker. Roe Deer. Fungi - Fly agaric. Puff-balls. Flora : Elderberries. Gorse, Centaury].
- 1960 Carlisle Journal. 16<sup>th</sup> September, 1960. Out and About : Autumn blooms attract strange Butterflies. Unusual Butterflies. What post brought. Evil looking appearance. Elephant Hawk Moth. Coming and going. The biter bitten. [Subjects include : Butterflies - Peacock and Red Admiral. Elephant Hawk-moth. Golden Plover. Migration. Swifts. Tawny Owl].
- 1960 Carlisle Journal. 23<sup>rd</sup> September, 1960. Out and About : September on the Solway. Flotilla of swans. A dead Gannet. Beautiful migrants. Visitors from afar. Ever-changing pattern. Marsh flowers fade early. [Subjects include : Mute Swans. Gannet. Greenshank's. Curlew. Peewit/Lapwing. Flora : Rest-harrow. Sea Spurry, Sea Asters].
- 1960 Carlisle Journal. 7<sup>th</sup> October, 1960. Out and About : "Harvest Home" on the Countryside. Boyhood days recalled. Drawing 'Straw' and making 'Symes'. Task not so simple. Hedgerow Harvest. Food for birds. Wheatears again. [Subjects include : Straw and stacking. Horse Chestnut. Corn. Wheatears. Migration].

- 1960 Carlisle Journal. 14<sup>th</sup> October, 1960. Out and About : A week in Bewcastle. Invigorating tonic. On the Fells. At the sheep fold. In the forest. White Owl. Back with a bang. 'Kings Stables'. [Subjects include : Stormy weather. Crab-apples. Broadside. Kettle Hall. Red Grouse. Pipits. Barn Owl. Ancient site].
- 1960 Carlisle Journal. 21<sup>st</sup>, October, 1960. Out and About. He goes around sheep farms. Goosander nest. Farm flowers. Active at 85. Bridges quaint and narrow. Border-raid reminders. Return not easy. [Subjects include : Shepherds. Goosanders. Bewcastle Fell. Border raids].
- 1960 Carlisle Journal. 28<sup>th</sup>, October, 1960. Out and About : Signs of winter. Wild Geese arrive. Two kinds of Geese. Redwings return. Carrion Crows in the city. Hare and motor cars. [Subjects include : Bird Migration. Greylag Geese. . Pinkfooted Geese. Redwing. Choughs in Cumberland. Carrion Crows. Hare].
- 1960 Carlisle Journal. 4<sup>th</sup> November, 1960. Out and About : A week of wild Blackbirds. Three in the city. In railway sidings. Goldfinches not afraid. No place like the woods. Beauty of the Wild Cherry. [Subjects include : Albino Blackbirds. Ernest Blezard. Wild Cherry].
- 1960 Carlisle Journal. 11<sup>th</sup> November, 1960. Out and About : Tramp over wet countryside. Oak defies weather. Fieldfares are here. Rubber boots were useful. Signs of the Woodpecker. Woodcock. Rooks. It happened before. A tail lashing squirrel. [Subjects include : Fieldfares. Great-spotted Woodpecker. Green Woodpecker. Tits. Woodcock. Rookeries. Red Squirrel. Flora : Hawthorn "Cat-haws"]].
- 1960 Carlisle Journal. 18<sup>th</sup> November, 1960. Out and About : A wet journey in Lakeland. Autumn tints. Herons on wing. Three-decker pulpit. Wordsworth Country. Fascinating scene. [Subjects include : Fieldfares. Herons. Mungrisdale. Kirkstone Pass].
- 1960 Carlisle Journal. 25<sup>th</sup> November, 1960. Out and About : November can be unpredictable. Hidden Beauty. Startled Brown Hare. Berries and wild fruit. Flight of Redwings. Owls begin to hoot. [Subjects include : Hare. Redwing. Flora : Various red berries. Catkins].
- 1960 Carlisle Journal. 2<sup>nd</sup> December, 1960. Out and About : White blackbirds in the city. Albinos. "Quite a few about" Autumn Bird Song. Where the ..... Kestrels in city. New birds in new places. Rarely seen in pairs. Gulls provide a problem. [Subjects include : Albino Blackbirds. Native Thrush. Migration. Robins. Kestrels. Resident Gulls].
- 1960 Carlisle Journal. 9<sup>th</sup> December, 1960. Out and About : Golden Eagle found trapped. Trapped on Orton Scar. Vagrants on crags. Return to Christianbury. Nest was found empty. Possible return. Eagles list of victims. [Subject : Golden Eagle].
- 1960 Carlisle Journal. 16<sup>th</sup>, December, 1960. Out and About : Frost after floods is a rare reversal. Alternative is sticky. Christmas card landscape. Cowering in frozen fields. Stoat turning white. Relic of Ice Age. Scotch Hare in Cumberland. Arctic Darkness. [Subjects include : Wet landscape. Hoar Frost. Field lanes. Scotch Hare. Stoat].
- 1960 Carlisle Journal. 23<sup>rd</sup>, December, 1960. Out and About : Gathering Holly for Christmas. Birds eat the berries. Drawing a blank. First and second class Holly. Where did you get it? Trail of the hunt. The Rare Goldcrest. Mild-day and insects. [Subjects include : Reed Buntings. Tits. Wrens ].
- 1961 Carlisle Journal. 6<sup>th</sup>. January, 1960. Out and About. Year end hastened by drowning : Spell between the showers. Moon shine reveries. View from the bridge. Noises at dusk. Wagtails by the river. Handsome birds. [Subjects : The Moon. Morning bird-calls. Cockerels. Brown Owl. Barn Owl. Blackbirds. Hedge sparrow. 'Blue-dikie'. Grey Wagtail. Yellow Wagtail].
- 1961 Carlisle Journal. 13<sup>th</sup> January, 1961. Out and About. Memories of the Cross Fell Country. Sleeping in the barns. Nesting Buzzards. Tiring Journeys. Magnificent scene. Wayside Inn. [Subjects include : Great Dun Fell. Cross Fell. Knock Village. Radar Station. Barns and Lofts. Byres. Cycling excursions].
- 1961 Carlisle Journal. 20<sup>th</sup> January, 1961. Out and About : Fog is the countryman's worst enemy. [Subjects : Bird calls. Swans calling. Mountain mist. Weather on Cross Fell. Blackbird. Hedge Sparrow].
- 1961 Carlisle Journal. 3<sup>rd</sup> February, 1961. Out and About : A walk in the park to meet some ducks : Birds in the gale. Lost on the moors. [Subjects include : Tufted Duck. Pochard. Wigeon. Chaffinches. Yellow Buntings. Skylarks. Fieldfare. Redwing. Bullfinch. Partridge covey. Lost Glider pilot - Sgt. T. Manley].
- 1961 Carlisle Journal. 10<sup>th</sup> February, 1961 Out and About. Already you can see the better weather ahead : Gulls galore. Rare Tits. The first one. [Subjects include : Tufted Duck. "Fields full of Gulls"].

- Marsh Tit. Willow Tit. Flora : Pussy Willow. Crocus. Wood Felling].
- 1961 Carlisle Journal. 17<sup>th</sup> February, 1961. Out and About : My, what a difference this week has made! Glow in the Gorse. Singing all day. Flying visits. Hares and mice. First flowers welcome. Curlew. [Subjects include : Rooks. Hare. Shrews. Dark brown mouse. Freeman's Well Wood. Peewits. Curlew. Flora : Pussy Willow. Crocus. Wood Felling].
- 1961 Carlisle Journal. 24<sup>th</sup> February, 1961. Out and About : This exploring is fascinating-but not for fussy mums. Alive and kicking. The Curlews return. The Russian Lady. A price on their heads. [Subjects include : The Planet Venus. Centipedes. Millipedes. Beetles. Curlew. Cormorants on the Eden. Flora : Sorrel]
- 1961 Carlisle Journal : 3<sup>rd</sup> March, 1961. Out and About : A few short days of brilliant bloom. A rare city bird. The lovely swan. Could it be a bat? First nesting birds. (Cutting incomplete). [Subjects include : Dawn chorus. Blackbirds. Song Thrush. Mistle Thrush. "Stormcock". Treecreeper. Mute Swan. Raven. Heron. Bar 'Pipestrilla?'].
- 1961 Carlisle Journal : 10<sup>th</sup> March, 1961. Out and About : Its still pretty bleak up on the Moors. Bronze look. Expanse of fire. Great waste. Badger earth. [Subjects include : Fieldfare. Ravens. Red Squirrel. Stopped badger sett. Flora : "Hill-bent Grass" and "Flying-bent Grass" Alder. Prickly Shield Fern].
- 1961 Carlisle Journal : 17<sup>th</sup> March, 1961. (Clipping damaged). Out and about. March winds and wild flowers : Spring favourite. Ringed geese. Cathedral Magpie. Crying Curlews. [Subjects include : "Blustering winds". Solway. Pink-footed Geese. Migration. Magpie. Curlews. Flora : Primrose. Mouse-eared Chickweed. Alders].
- 1961 Carlisle Journal : 24<sup>th</sup> March, 1961. Out and About : More signs of Spring. Bats abroad. Late Swallow or House Martin? Great Grey Shrike (A dead specimen found near Rockcliffe). "Butcher Bird". Wagtails return. [Subjects include Brown Trout rising. Pipistrelle Bat. Great Grey Shrike. Iceland Redwing. Pied and Grey Wagtails. Flora : Butterbur or "Wild Rhubarb"].
- 1961 Carlisle Journal. 31<sup>st</sup> March, 1961. Out and About : Visit to the Heron Wood : Wayside Flowers. March Wind's. Toll. The Carp Ponds. Busy Rookery. Old Nests Occupied. [Subjects include : Herons. Rookeries. Flora : White dead nettle. Dog violet. Moschatel. White Stitchwort. Yew. Willow. Sallow. Chestnut. Wood Sorrel. Barren strawberry].
- 1961 Carlisle Journal. 7<sup>th</sup>, April, 1961. Out and About : An expedition in the Snow. Pelting Rain. Flooded Ford. Sodden interior. Cheerful birds. House Ruins. Leaping Water. [Subjects include : River Irthing. Peat Moss. Butterburn Flow. Skylarks. Golden Plover. Redshank. Flora : Spagnum. Cotton Grass].
- 1961 Carlisle Journal : 14<sup>th</sup>, April, 1961. Out and About : Ramble by Tarn and Fell. Wonderful Gorge.. Tarn visitors. Coming and going. Hardy Grouse and Pipits. [Subjects include : Peewits. Curlew. Skylarks. Redshank. Goldeneye. Bewick Swan. Tufted Duck. Lesser Black-backed Gull. Reed Bunting. Red Grouse. Meadow Pipit. Hare].
- 1961 Carlisle Journal.: 21<sup>st</sup> April, 1961. Out and About : Glory of a Poets April. [Subjects include : Lapwing /Peewit. Curlew. Willow Warbler. Whitethroat. Sedge Warbler. Grasshopper Warbler. Blackcap. Water Shrew. Pygmy Shrew. Flora : Toothwort.]
- 1961 Carlisle Journal : 28<sup>th</sup> April, 1961. Out and About : The strange case of crafty Crow : Amazing fact. Lone Range. Safe areas. Farmers bag. Ridiculous. [Subject : Carrion Crow].
- 1961 Carlisle Journal : 5<sup>th</sup> May, 1961. Out and About : Saturday in Gelt Country. Wilder reaches. Cascading water. New-born lambs. Unusual pair. Missing for years. [Subjects include : River Gelt. Hynam Bridge. Lambs. Red Squirrel. Stonechat].
- 1961 Carlisle Journal . 12<sup>th</sup> May, 1961. Out and About : First Swift of the season. Later migrants. New wild flower. Snake in the grass. Rare Bird. Stray from zoo? [Subjects include : Swift. Whitethroat or "Nettle creeper." "Pet Goose Snake". Night Heron. E. Blezard. Flora : Oxford Ragwort].
- 1961 Carlisle Journal. 19<sup>th</sup> May, 1961. Out and About : This time of year. Which water. Yellow Wagtail. Eden Visitors. Pleasant Village. Old Bull-ring. [Subjects include : Yellow Wagtail. Grey Wagtail. Terns or Sea Swallows. Common Tern. Arctic Tern. River Eden. Hesket-new-Market. Flora : May Blossom].
- 1961 Carlisle Journal. 26<sup>th</sup> May, 1961. Out and About : Return to the Heron Wood. Two against 14. Chattering young. Never moved. Deer and Woodcock. Peat cutting. Work alone. [Subjects include : Heronry. Woodcock. Roe Deer. Peat. Flora : Buckler Fern].
- 1961 Carlisle Journal. 2<sup>nd</sup> June, 1961. Out and About : A Day on Glasson Moss. Wild and Rough.

Observant eye. Special attention. The moss birds. Out of sight. Unexpected reward. [Subjects include : Peat Moss. Peat as fuel. Curlew. Meadow Pipit. Skylark. Stonechat. Shelduck. Twite. Flora : Cotton Grass. Sweet Gale or Bog Myrtle. Rose-bay Willow Herb. Spagnum Moss. Sundew].

- 1961 Carlisle Journal. 9<sup>th</sup> June, 1961. Out and About : A week in the wilds of Bewcastle. [Subjects include : North Cumberland. Early settlements and Homesteads, Barns. "Meal House". Sheep Farms. Lynestead. Broadside and Kettle Hall. Turf Mounds or "Kings Stables"].
- 1961 Carlisle Journal. 16<sup>th</sup> June, 1961. Out and About : Wanderings in Bewcastle forests. Serve their purpose. Birds or Broadside. Roe Deer. Concern for Lambs. Serious loss. [Subjects include : Kershope Forest Zone. Willow Warblers. Whinchat. Linnets. Redpoll. Starling Roost (Millions?). Pheasant. Cuckoo. Female Black Grouse. Roe Deer. Foxes and Hunting].
- 1961 Carlisle Journal. 23<sup>rd</sup> June, 1961. Out and About. My friends the Sheep farmers. Two weeks earlier. Adders. Favourite Haunts. A new bird. Saved. [Subjects include : Bewcastle-Gilsland Fells. Goosanders. Adders Wild Goats. Common Lizard. Slow Worm. Green woodpecker. Corn Crane].
- 1961 Carlisle Journal. 30<sup>th</sup> June, 1961. Out and About : The Capital of Bewcastle. Border Stronghold. Wonderful view. [Subjects include : Shopford. Saxons. Peel Towers. John Barron. Runes. "Pit dwelling" Turkbeck Valley. Pheasant. Curlew].
- 1961 Carlisle Journal. 4<sup>th</sup> July, 1961. Out and About : Taking a look at Germany. Wonderful. Ears buzzing. Sunnyside. Long climb down. Shorthorns. Farming easier. [Subjects include : Flying for the first time. Cloudscapes. Holland. Hamburg. Flensburg. Schleswig-Holstein. Arable crops].
- 1961 Carlisle Journal. 14<sup>th</sup> July, 1961. Out and About : R.G. in Germany. Trees, roads and bicycles. The wind. A Stork. Cyclists paradise. Much heavier. Flensburg rum. [Subjects include : Conifer woodland. Red and Roe Deer. Storm. Cycling. German Tavern].
- 1961 Carlisle Journal. 21<sup>st</sup> July, 1961. Out and About : Summer on the Solway. Teeming. Disappearing? Yelping Redshank sweep down. Eating eggs. Wide awake. [Subjects include : Solway shorebirds. Gulls. Terns. Lapwing. Oystercatcher. Redshank. Lesser Black-backed Gulls. Skylark].
- 1961 Carlisle Journal. 28<sup>th</sup>, July, 1961 Out and About : 42 years on the railways. (Includes photograph). Sensible men. Blizzards. Rose-bed. Midland Red. New routes. No regrets. [Subjects include : Retirement and retrospection. Army life. Eden Valley. Yorkshire Fells. Durrhill. Upperby].
- 1961 Carlisle Journal. 4<sup>th</sup> August, 1961. Out and About : A day in a Pennine Valley. Perfect place. Poor Hazel crop. Ancient origin. Sent sprawling. Red Grouse. Camouflage. [Subjects include : "Ancient Riggs" Ploughing. Neolithic man. Merlin. Red Grouse. Long-tailed Field-mouse. Partridge chicks. Flora : Ferns ; Buckler and Prickly. Thyme. Bog Asphodel].
- 1961 Carlisle Journal. 11<sup>th</sup> August, 1961. Out and About : Back to my boyhood haunts : Something new. The Polecat. Roe Deer. Full of fun. At Rest. Sleek dress. [Subjects include : Wedholme Flow. Polecat/Foulmart. Peat Moss. Scots Pine. Roe Deer pair].
- 1961 Carlisle Journal. 18<sup>th</sup> August, 1961. Out and About : I visit the Limestone Quarry. Arresting features. A walled park. Thornless bramble. Flowers and Ferns. Roe Buck disturbed. [Subjects include : Solway. River Eden. Red sandstone. Skiddaw slate. Greystoke Park. Forestry Commission. Flora : Scabious. Lady's Bedstraw. White Clover. St John's Wort].
- 1961 Carlisle Journal. 25<sup>th</sup> August, 1961, Out and About : A study of Bowness shore : Survey of shore. South-bound migrant. At East Whins. Hot and hard work. [Subjects include : Bowness to Anthorn. "East Whins". Wheatears. Greenshank. Criffle. Shelduck and brood. Fox tracks. Solway Moss. Flora : Great or long-leaved Sundew].
- 1961 Carlisle Journal. 1<sup>st</sup>, September, 1961. Out and About : Charms of the Caldew Valley : Access not easy. Woods and Water. A splendid show. Graceful Grass. Unusual Fox. Tell-tail squawk. [Subjects include : Dentonside. Roe Deer tracks. Fawn. Fox. Parkend Beck. Green Woodpecker. Flora : Blue Cranesbill. Yellow Loosestrife. Cuckoo-pint or Lords and Ladies. Wood Vetch. Tall Broom. Giant Fescue Grass].
- 1961 Carlisle Journal. 8<sup>th</sup> September, 196. Out and About : September scene on Solway : Out in the storm. Plenty to see. Ceaseless babble. [Subjects include : Storm and thunder. Peewits. Oystercatcher. Gulls. Terns. Greenshank. Green Sandpiper. Mallard. Teal. Wigeon. Herons. Wheatear. Shelduck].
- 1961 Carlisle Journal. 15<sup>th</sup>, September, 1961. Out and About : Brambling beyond Beaumont: The hidden well. Breeding adornment. Attractive flotilla. Field Marigold (Corn Marigold). Horde of coins. [Subjects include : Blackberries. Whitethroat Nest and Yellow Bunting. Sandstone Troughs.

- Goosanders. Curlew. Lapwing. Black-headed Gull. Lesser Black-backed Gull].
- 1961 Carlisle Journal. 22<sup>nd</sup>, September, 1961. Quarried in Roman Times : By-gone commodity. Rubbed with Rudd. Romans worked there. Then and Now. [Subjects include : Sandstone quarrying. Chalk Beck. Cumdivock and Curthwaite. Tom Smith's Leap. Bullfinch. Tawny Owl. Flora : Hart's Tongue Fern].
- 1961 Carlisle Journal. 29<sup>th</sup>, September, 1961. Out and About : A waning world of green : Green Woodpecker. Goosanders Nest. Interesting Incident. [Subjects include : Autumn colours. Green Woodpecker cry. Goosander and nest. Ravens. Flora : Dwarf Gorse. Grass of Parnassus].
- 1961 Carlisle Journal. 13<sup>th</sup> October, 1961. Out and About : A Day on Bolton Fell : "Tinkler Holes", Where Owls Sleep. Notable visitor. Woodpeckers cry. Pear products. [Subjects : Dangers of a peat moss. Barn Owls. Owl casts. Willow Tit. Green Woodpecker. Red Grouse. Stonechat. Dragonfly (genus Aeschna). Flora : Sundew. Bog Cotton].
- 1961 Carlisle Journal. 20<sup>th</sup> October, 1961. Out and About : Silence on the Marsh. Lonely reception. Invisible geese. Collective babbling. Patience rewarded. Goldeneye and Goosanders. Long and lean Herons. [Pink-footed Geese. Goldeneye. Goosanders. Herons].
- 1961 Carlisle Journal. 27<sup>th</sup> October, 1961. Out and About : Bewcastle country changes.: Burial site search. Trial and error. Interesting Legend. A rare Owl. [Subjects include : Black Lyne. Black Lyne House. Currick-Long Barrow. Legend of a "Kest" of gold. Shorteared Owl. Blackcock. Meadow Pipit].
- 1961 Carlisle Journal. 3<sup>rd</sup> November, 1961. Out and About : After the storm. Pleasant byways. A quiet wood. Roe Deer and Hare. Kestrel and Carrion Crow. Melancholy sight. [Subjects include : Autumn gales. Common Gull. Kestrel. Carrion Crow. Flora : Beech. Birch. Wild Cherry. Farm dispersal sales].
- 1961 Carlisle Journal. 10<sup>th</sup> November, 1965. Out and About : Wooded valley surprise. Buzzard in wood. A shore journey. Precision flying. A passage of Plovers. Wild Swans. [Subjects include : Solway. Buzzard. Redshank. Dunlin. Oystercatcher. Peewit. Curlew. Golden Plover. Unidentified Swans].
- 1961 Carlisle Journal. 17<sup>th</sup>, November, 1961. Out and About : You can see more by car : Interesting birds. A lone Heron,. A Raven's cry. Redwings arrive. [Subjects include : Carrock Fell gabbro (Granite). Kestrel. Barn Owl. Herons. Redwing. Migration of thrushes. Flora : Autumn leaves. Great Sundew. Cranberry].
- 1961 Carlisle Journal. 24<sup>th</sup> November, 1961. Out and About : Mist on the tarn. Wild swans. Fascinating manoeuvre A mocking echo. Memorable visit. Other wildfowl. [Subjects include : Tindale Tarn. Mute Swan. Bewick Swans. Wigeon. Pochard. Tufted Duck. Dipper. Fieldfare].
- 1961 Carlisle Journal. 1<sup>st</sup> December, 1961. Out and About : A rare bird returns. Cemetery quest. The Night Heron. Rare migrant. Northern Range. A rare prize. [Subject : Night Heron].
- 1961 Carlisle Journal. 8<sup>th</sup> December, 1961. Out and About : Winter walk in the country. Varied gathering. Regular comer. The Gull group. Flocks of Fieldfares. Glacial boulder. [Subjects include : Upperby Park. Mallard. Coot. Moorhen. Tufted Duck. Pochard. Black-headed Gull. British Lesser Black-backed Gull. Herring Gull. Fieldfares. Ice Age. Partridge. Brown Hare].
- 1961 Carlisle Journal. 15<sup>th</sup>, December, 1961. Out and About : Walk in mud and mire. Origin of Kail. The tale of a tree. Little Owl's nest. Holly gathers. Interesting events. [Subjects include : Kail (Kale) crops. Black Poplar Tree. Little Owl. Wood Pigeons. Gulls. River Caldew. Ferrets. Curlew. Albino Blackbird].
- 1961 Carlisle Journal. 22<sup>nd</sup>, December, 1961. Out and About : Xmas Holly quest. Quarry discovery. Haunt of birds. Mixed company. Gorse in flower. Killed by frost. [Subjects include : Robin. Long-tailed Tits. Goldcrest. Signs of Woodpecker activity. Stubble. Flora : Hart's tongue Fern. Adder's tongue Fern. Gorse. Guilder Rose. Hazel].
- 1961 Carlisle Journal. 29<sup>th</sup>, December, 1961. Out and About : The shell of a Farm House. Naked roof. An uncommon pair of Gulls. The hungry birds. The beautiful Waxwings. [Subjects include : Decayed Farm House (300 years old?) "Clay-dubbin". Great Black-backed Gull. Barn Owl. Waxwings. Flora : Polypody Fern].
- 1962 Carlisle Journal. 5<sup>th</sup> January, 1962. Out and About : The Great Freeze continues : Sparrow exodus? Drear scene. Partridge covey. Tawny Owls. [Subjects include : House Sparrow flocks. Fieldfare. Redwing. Blackbirds. Song Thrush. Robin. Hedge Sparrow. Snipe. Rooks. Bullfinch. Jay. Partridge].
- 1962 Carlisle Journal. 12<sup>th</sup> January, 1962. Out and About : Thaw a welcome change. What records show.

- A flu victim. Thirsty Waxwings. Starved to death. [Subjects include : Early bulbs. The Christmas Rose. Cries of geese. Waxwings. Redwings. Hill Sheep].
- 1962 Carlisle Journal. 19<sup>th</sup>, January, 1962. Out and About. Visit to Snowdrop wood. Virgin surface. Changing scene. Great Skeletons. One Roe Deer. Camouflage. Perfect pattern. [Subjects include : Badger Earth. Bullfinch. Roe Deer. Flora : Hart's Tongue Fern. Hogweed skeletons].
- 1962 Carlisle Journal. 26<sup>th</sup>, January, 1962. Out and About. Good day to visit a Tarn. Moorhouse Tarn. Uneasy birds. [Subjects include : Moorhouse or Martin's Tarn. Skylark. Widgeon].
- 1962 Carlisle Journal. 2<sup>nd</sup> February, 1962. Out and About. Wild swans on the tarn : Wild swans. Powerful voice. Now its just a bog. [Subjects include : Thurstonfield Lough. Mute Swans. Whooper Swans. Tufted Duck. Monkhill Lough-drained. Marshy growth. Powburgh Beck].
- 1962 Carlisle Journal. 9<sup>th</sup>, February, 1962. Out and About. A visit to the Solway Shore : Marsh can be misleading. Breaking up. Battering tides. Marsh herd and turf cutters. Shorter and sweeter. [Subjects include : Rockcliffe Marsh. Burgh Marsh erosion. Herdwick Sheep. Great Tit. Blue Tit. Yellow Bunting. Starling flocks].
- 1962 Carlisle Journal. 16<sup>th</sup> February, 1962. Out and About : By Tarn, wood and river. What happened to the ducks? Scattered. Salmon languish and die. Spring flower. Mystery of Oyster Shells. [Subjects include : Tufted Duck. Pochard. Little Grebe-Dabchick. Siskins. Heron. Great-spotted Woodpecker. Mallard. Teal. Oyster Shells. Stranded Salmon. Flora : Alder Trees. Coltsfoot].
- 1962 Carlisle Journal. 23<sup>rd</sup> February, 1962. Out and About : Walk has varied interests. A taste of the Sun. Chaplin-like. The solitary drake. Flock of 200. Some curious slabs. Magpies. [Subjects include : Ancient Badger Sett. Treecreeper. Goldeneye. Curlew flock. Magpie roosts. Ancient forest beds.]
- 1962 Carlisle Journal. 2<sup>nd</sup> March, 1962. Out and About : An early visit to the Fells. Marsh Tit. Grass is Tinder-dry. Nesting site. Primitive forms of life. Speak of Spring. [Subjects include : Marsh Tit. Raven nesting site. Peewits. Dipper. Old Badger Sett. Fossils].
- 1962 Carlisle Journal. 9<sup>th</sup> March, 1962. Out and About : Snow and ice mar ramble. [Subjects include : Hen Merlin. Reed Bunting. Mute and Whooper Swans].
- 1962 Carlisle Journal 16<sup>th</sup> March, 1962. Out and About : Return of the Herons. [Subjects include : Heronry. Evidence of deer activity. Lesser Black-backed Gull. Mallard. Teal. Treecreeper].
- 1962 Carlisle Journal 23<sup>rd</sup> March, 1962. Out and About. Lingering winter on the Fells : Film of fire. Lonely hut. Coal drifts. Hardy Grouse. Nesting pairs. Invaders. [Subjects include : Geltsdale Fell. Swollen beck's. Reflections. "Drainers or Miners Cabin". Red Grouse. Curlew Flock. Lapwings/Peewits. Water-cress.].
- 1962 Carlisle Journal. 30<sup>th</sup>, March, 1962. Out and About : A visit to the haunt of Ravens. Raven Crag. Adventure. Rolled away. Second Raven. Common sense. Liquid note. [Subject : Ravens Courtship display. Nest with eggs].
- 1962 Carlisle Journal. 6<sup>th</sup> April, 1962. Out and About. First harbingers of Spring : A Siskin. Low Sweet Notes. Surprising. Balancing act. Burrowing. Stirrings. [Subjects include : Redshank. Siskin. Bullfinch. Goosanders. Reed Bunting. Partridge. Moles. Hares. Frog-spawn.
- 1962 Carlisle Journal. 13<sup>th</sup>, April, 1962. Out and About. Striking features of East Fellside : Behind time. Lovely valley. Hideous monster. Buzzards. Curlews. Ring Ouzel. [Subjects include : Buzzards. Curlew. Ring Ouzel. Flora : Coltsfoot].
- 1962 Carlisle Journal. 20<sup>th</sup> April, 1962. A visit to the wilds of Westmorland. Orton Scar. Lost continent. Loading lorry. Unusual ducks. Dizzy turn. Tufted Ducks. [Subjects include : Carboniferous Limestone. Fossils. Sunbiggin Tarn. Shovelers. Black-headed Gulls].
- 1962 Carlisle Journal. 27<sup>th</sup> April, 1962. Out and About. "Oh to be in Cumberland". Soaring Skylarks. Little Arcadia. Birthplace. Badgers. [Subjects include : Skylarks. Tawny Owl. Green Woodpecker. Water-hen. Badgers. Flora : Primrose. Wood Anemone. Violets. Golden Saxifrage. Dog's Mercury. Toothwort. Butterbur. Barred Strawberry. Red Dead-nettle. Bluebells. William Hodgson - Cumberland Botanist].
- 1962 Carlisle Journal. 4<sup>th</sup> May, 1962. Out and About. A glorious day for a countryside ramble. No tree climbing. Two arrivals. New bird-song. Sleepy and silent. [Subjects include : Carrion Crow. Wheatear. Greenland Wheatear. Wood Pigeon. Willow Warbler. Roe Deer.
- 1962 Carlisle Journal. 11<sup>th</sup> May, 1962. Out and About. Hunting ground of my boyhood. I must go. Golden Plover. Burned bare. Sweet Gale. Fox and Deer. Stacks of Peat. Boundary Ditches. Only changes. [Subjects include : Wedholme Flow. Golden Plover. Carrion Crow. Tracks of fox and deer. Flora : Bog Rosemary or Marsh Andromeda. Bog Myrtle/Sweet Gale. Cotton Grass. Peat.

- Scots Pine].
- 1962 Carlisle Journal. 18<sup>th</sup> May, 1962. Out and About. May gives a new look to the marshes. Showy birds. Noisy scene. Fewer Lapwings. Popular peewit. Heat haze. Wild geese. [Subjects include : Rockcliffe saltmarsh. Shelduck. Reductions of Lapwing. Oystercatchers. Redshank. Tern. Gulls. Pink-footed Geese].
- 1962 Carlisle Journal. 25<sup>th</sup> May, 1962. Out and About. Rain works wonders in the countryside. Real May. Vermin. Common Crow. The shoots. Clear view. Startling Duck. [Subjects include : Willow Warblers. Wood Pigeon. Carrion Crow. Mallard. Great-spotted Woodpecker. Gamekeepers. "Border-tree" (Vermin). Flora : Cowslips. Lady's Smock].
- 1962 Carlisle Journal. 1<sup>st</sup>, June, 1962. Out and About. An annual pilgrimage I always find enjoyable : Strenuous task. Endurance test. Helpful meeting. Bird visitors. Nesting sites. [Subjects include : Outdoor clothing and preparation. Ground nesting Blackbird. Ring Ouzel. Goosander. Badger Earth].
- 1962 Carlisle Journal. 8<sup>th</sup> June, 1962. Out and About. As a matter of fact, I usually do get fine weather for this week. Primitive. Not a soul. Wild waste. Hospitality simple. [Subjects include : North Cumberland Fells. "Waste of Cumberland". Bewcastle. Whitehill. Horseholme].
- 1962 Carlisle Journal. 15<sup>th</sup> June, 1962. Out and About. The rarest bird in Cumberland. Only one pair. Early Cairns. Historic ditch. Brown Moors. [Subjects include : George Routledge. White Lyne. Christianbury Crags. Shiel Knowe. Goosander. Wild Goats].
- 1962 Carlisle Journal. 22<sup>nd</sup> June, 1962. Out and About. Sunday is just another working day for the hill Shepherds. Peat Cutter. The 'Crack' Where? Pond flowers. The Cairn. Wild ducks. Generations. [Subjects include : Sheep farming. Peat cutting. Mallard x Wigeon hybrid. Bogbean].
- 1962 Carlisle Journal. 29<sup>th</sup> June, 1962. Out and About. On the fells at Bewcastle. My object. Rough Hewn block. The Cloudberry. Delightful place. [Subjects include : Slighty Fell. Bewcastle Cross. Fell becks. Cuckoo's call. Curlews. Flora : Bilberry. The Cloudberry or Roupberry].
- 1962 Carlisle Journal. 6<sup>th</sup> July, 1962. Out and About. From steep fells to moorland on Whitehill walk. Regular visitor. Now deserted. Across the moor. [Subjects include : Whitehill. Paddaburn. Upper Irthing Valley. The life of a shepherd. Goosander. Sandpiper. Golden Plover. Redshank].
- 1962 Carlisle Journal. 13<sup>th</sup>, July, 1962. Out and About. There is nothing stately about this Parkland. Limestone green ocean. Butterflies. Rampage. Rock Rose. [Subjects include : Greystoke Park. Forestry Commission. Buzzard. Tawny Owl. Wheatear. Butterflies Marsh Fritillary. Chalk hill Blue. Flora : Orchids - Spotted, Butterfly, Lesser Twayblade. Cotton Grass. Rock Rose. Stone Bramble. Roe Deer].
- 1962 Carlisle Journal. 20<sup>th</sup> July, 1962. Out and About. These rather special bits of countryside. Denton Fell. Overcast. Fox victim. Earthwork. Buried remains. [Subjects include : Peat Moss. Yellow Wagtail. Meadow Pipit. Skylark. Reed Bunting. Pipits. Curlew. Blackcock. Ancient Earthworks].
- 1962 Carlisle Journal. 27<sup>th</sup>, July, 1962. Out and About. A Quest in the rain. Security. Jungle-like. Sandpipers. Welcome cabin. Gooseberries. [Subjects include : Mallard. Sandpipers. Kestrel. Evidence of Otters. Dead-Sea Trout. Roe-deer tracks. Flora : Cranesbill. Wild Gooseberries].
- 1962 Carlisle Journal. 3<sup>rd</sup> August, 1962. Out and About. Summer on the Solway. Newcomers. Submerged. Bird Highway. 300-strong. [Subjects include : Oystercatchers. Redshank. Curlew. Lapwing. Gulls. Goosanders. Greater Black-backed Gull. Greenshank. Green Sandpiper].
- 1962 Carlisle Journal. 10<sup>th</sup> August, 1962. Out and About. Beautiful stretch of river. Enchanted. Invisible train. Roe Deer. A rival? Second pair. [Subjects include : River Eden. Armathwaite. Lazonby. Baron Wood. Jay. Roe Deer].
- 1962 Carlisle Journal. 17<sup>th</sup> August, 1962. Out and About. The calm after the storm. Mushrooms. Barley sign. Wild plants. [Subjects include : Wreay Woods. River Petteril. Fishing. The 'Sounds' of Barley. Hare. Green Woodpecker. Spotted Flycatcher. Collecting mushrooms. Flora : Foxglove. Willowherb. Scotch thistle. Sow Thistle].
- 1962 Carlisle Journal. 24<sup>th</sup> August, 1962. Out and About. Story of Wragmire Moss. The Old Oak. Roman Road. Once overgrown. Rough Road. Transformation.
- 1962 Carlisle Journal. 31<sup>st</sup> August, 1962. Out and About. A bad day in the wilds of Bewcastle. Hay still out. Two interlopers. Swollen streams. Goosander Brood. [Subjects include : Rivers White and Black Lyne. Heavy Rain. Whelpdale Castle. Cattle. Haymaking. Merlin. Shorteared Owl. Meadow Pipits. Cuckoo. Goosander. Rabbits].
- 1962 Carlisle Journal. 7<sup>th</sup>, September, 1962. Out and About. A link with the lost legion. Dutch link. On the Marsh. The stranger. Greenshanks. Birds of Passage. [Subjects include : Scalescough Roman

- Tilery. Roman 9<sup>th</sup> Legion. Rockcliffe. Sanderling. Common Scoter. Goosanders. Greater Black-backed Gull. Greenshank flock].
- 1962 Carlisle Journal. 14<sup>th</sup> September, 1962. Out and About. I explore Solway Moss. Scene of Battle. Claims to same. Arduous task. Link to 1543. Wildlife. [Subjects include : Scottish Army. Sir Thomas Wharton. Flooding in 1771. Channel cutting. Hares. Adders. Roe Deer. Flora : Brambles].
- 1962 Carlisle Journal. 21<sup>st</sup> September, 1962. Out and About. A day on the Gilsland Moors. At lambs sale. Turbulent waters. Young forests. Catch of Trout. [Subjects include : Cramel Linn Waterfall. Shepherds. Recent Flooding. Trout. Mosquitoes].
- 1962 Carlisle Journal. 28<sup>th</sup> September, 1962. Out and About. The lost lonnings on marsh. A field Well. Maze of meadows. Change of plumage. Greenshanks. First Wild Geese. [Subjects include : Deep Ditches. Wells. Rockcliffe Marsh. Common Gull. Greenshanks. Poinhk-footed Geese].
- 1962 Carlisle Journal 5<sup>th</sup>, October, 1962. Out and About. Return of Wild Geese. Scarce bird. Calls as clue. Wary birds. Migrating. [Subjects include : Different breeds of geese : Pink-footed . Barnacle. Brent. Greylag. Bean].
- 1962 Carlisle Journal. 12<sup>th</sup> October, 1962 In the Country : Beauch of Autumn seen at its best. Uncut Barley. Flushing startled bird. Dived to safety. Bramble picking. [Subjects include : River Eden. Wreay. Cormorant. Jack Snipe. Wheatear. Toadstools. Flora : Scotch Thistle. Ragwort. Jack-by-the-Hedge. Teasels. Brambles].
- 1962 Carlisle Journal. 19<sup>th</sup> October, 1962. In the Country : A great day on the Solway. Globe Spanners. Mass Migration. Medley of voices. [Subjects include : Migration. Curlew. Golden Plover. Bar-tailed Godwits. Oystercatchers Grey Greenshank. Redshank. Turnstones Greater Black-backed Gull. Pink-footed geese. Meadow Pipit. Shelduck. Massed Flights].
- 1962 Carlisle Journal. 26<sup>th</sup> October, 1962. In the Country : Bewcastle seen at its best. Map missed. Quiet highway. Pristine World. Travel in style. Sheiling site. Bee-hive huts. [Subjects include : Prehistoric Earthworks. Black Lyne. Spider webs. Wren. Fieldfares. Blackbirds. Chaffinches].
- 1962 Carlisle Journal. 2<sup>nd</sup>, November, 1962. In the Country : Article includes photograph of Ritson Graham. Winter arrives with a bang. Sign of Winter. Significant in-rush. Books on birds. All worth while. [Subjects include : Fieldfares. Books on Ornithology].
- 1962 Carlisle Journal. 9<sup>th</sup>, November, 1962. In the Country : I revisit scenes of my boyhood. Martin's Tarn (Moorhouse). A mixed lot. Varied plumage. Off beaten track. The 'Darricks'. [Subjects include : Hay harvest. Gravel pits. Colmire. Wigeon. Common Gulls. Tufted Duck. Pochard. Mallard. Teal. Snipe].
- 1962 Carlisle Journal. 16<sup>th</sup>, November, 1962. In the Country : Moorland quest for a lonely lough. Treeless zone. Hidden in valley. Your only guide. One-way travel. [Subjects include : Blackaburn Lough (Craiglasenhope). Solitary Farms. Butterburn. Bulls. Flora : Spotted Orchid. Cotton Grass. Cranberry. Sphagnum].
- 1962 Carlisle Journal. 23<sup>rd</sup> November, 1962. In the Country : Wintry week-end on the Fells. Heavy berry crop. Snow scene. Winter waiting. Assortment of birds. [Subjects include : East Fells. Affects of blizzards on birds. Berberries. Barberries. Tufted Duck. Dipper. Rooks. Wood Pigeon. Sparrow. Yellow Bunting. Skylarks. Redwing].
- 1962 Carlisle Journal 30<sup>th</sup>, November, 1962. In the Country : The weasel and the vole. Ripples in the water. Fleeting Dipper. Strange incident. Weasel's quest. Hunter and hunted. [Subjects include : Reed Bunting. Mallard. Tufted Duck. Dipper. Golden-eye. Goosander. Field Vole. Weasel].
- 1962 Carlisle Journal. 7<sup>th</sup>, December, 1962. In the Country : A new local bird book. Ideal method. Caravan study. Job for expert. [Subjects include : Carlisle Natural History Society - Birds of Lakeland. Ernest Blezard. Ralph Stokoe. Grune Point].
- 1962 Carlisle Journal 14<sup>th</sup>, December, 1962. In the country : The aftermath of the storm. New activity. Skylarks active. Homewards circuit. Cooing pigeons. [Subjects include : Peewit. Black-headed Gull. Fieldfare. Redwing. Skylarks. Tawny Owl. Yellow Bunting. Blue-tits. Reed Bunting. Wood Pigeon. Tufted Duck. Flora : Hazel. Aspen. Polypody Fern].
- 1962 Carlisle Journal. 21<sup>st</sup>, December, 1962. In the Country : My search for wild berries. Waste of mud. Birds driven off. Woodpeckers busy. Tasty morsels. [Subjects include : Fieldfares. Lapwings. Gulls. Rooks. Jackdaws. Starlings. Wood Pigeon. Evidence of Woodpecker activities. Flora : Privet. Guilder Rose].
- 1962 Carlisle Journal. 28<sup>th</sup>, December, 1962. In the Country. Badgers status in Cumberland. Persecution. Considered rare. Adverse publicity. Clean animal. Ultra-cautious. [Subjects include Badgers

- (Brock)].
- 1963 Carlisle Journal. 4<sup>th</sup>, January, 1963. In the Country : In the tracks of a questing fox. Strange place. Night prowler. Both surprised. Magic Place. [Subjects include : Heavy Snow. Hoar Frost. Fieldfare. Grey Wagtail. Greenfinch. Hare. Fox tracks. Squirrel hibernation. Blackbirds. Sparrowhawk. Flora : Gorse].
- 1963 Carlisle Journal. 11<sup>th</sup>, January, 1963. In the Country : A riddle of the countryside. Rare Gulls inland. Silent Woods. [Subjects include : Snow. House Sparrows. Herring Gull. Greater Black-backed Gulls. Robin].
- 1963 Carlisle Journal. 18<sup>th</sup>, January, 1963. In the Country : Rare birds by the frozen estuary. Many birds. 'White Nun'. Biggest Gull. [Subjects include : Solway. Ice sheets. Golden eye. Smew. Greater Black-backed Gull].
- 1963 Carlisle Journal. 25<sup>th</sup>, January, 1963. In the Country : A winter walk in frozen marshes. Not enough. Primitive desire. The smallest wader. Victim of weather. [Subjects include : Frozen Solway. Waders. Redshank. Greenshank. Dunlin. Little Stint. Redwing].
- 1963 Carlisle Journal. 1<sup>st</sup>, February, 1963.. In the Country : One of the art's of husbandry. Lost Ferret. Roe Deer route. Giant tree damaged. [Subjects include : Hedge felling and laying. Ferret. Roe Deer tracks. Skein's of geese. Wellingtonia - Californian big tree].
- 1963 Carlisle Journal. 8<sup>th</sup>, February, 1963. In the country : Another coat of Winter white. A beautiful bird. Remarkable event. Life and colour. The first Snowdrop. [Subjects include : Tracks in the snow. Wood Pigeons. Dipper. Grey Wagtail. Rooks. Roe Deer. Bullfinch].
- 1963 Carlisle Journal. 15<sup>th</sup>, February, 1963. In the Country : I sit and ate while hungry eyes looked on. Thin birds. Reynard's prints. Vermin display. Pheasants at feed. Grain cleaners. [Subjects include : Fieldfare. Wood Pigeons. Fox. Greater-spotted Woodpecker. Carrion Crow slaughter. Hungry Cattle. Pheasants].
- 1963 Carlisle Journal. 22<sup>nd</sup>, February, 1963. In the Country : A Bittern pays Longtown a very rare visit. Out of luck. Camouflage. [Subject : Bittern reported but not observed by Ritson Graham].
- 1963 Carlisle Journal. 8<sup>th</sup>, March, 1963. In the Country : Badger family is still alive, even in this cold. Ice till June? Invisible. No hibernation. City birds. [Subjects include : Frozen snow. Gaitsgill, Roughton. Broadfield. Redwing. Fieldfare. Heron. Rooks. Blackbirds. Hedge Sparrow. Robin. Wood Pigeon. Skylarks. Badger Sett. Hibernation].
- 1963 Carlisle Journal. 15<sup>th</sup>, March, 1963. In the Country : Fish and Frogs of Corby meet death in the Ice. 12 Herons. First time ever, and frozen frogs. [Subjects include : Corby Heronry. Fish - Carp. Frogs].
- 1963 Carlisle Journal. 22<sup>nd</sup>, March, 1963. In the Country : This killer has survived winter. Same old promise. An avalanche. Deadly visitor. [Subjects include : Moors and Fells in Winter. Snipe. Skylark. Curlew. Redshank, Lapwing. Golden Plover. Teal. Tufted Duck. Coot. Mallard. Merlin].
1963. Carlisle Journal. 29<sup>th</sup> March, 1963. In the Country : March on the Moors. Slow. Strangers victims. Blue veil. [Subjects include : North Cumberland Moors. Fox. Lapwing. Curlew. Lesser Black-backed Gull - carrion feeder. Old badger Sett or Earth. Flora : White Bent-grass].
- 1963 Carlisle Journal. 5<sup>th</sup>, April, 1963. In the Country : The lonely places where Ravens nest : Still Winter. Ravens meet me. Due to lay? A Tree nest. Which one. [Subject : Ravens].
- 1963 Carlisle Journal. 11<sup>th</sup>, April, 1963. In the Country : Rare bird spotted by tail plumage. Fresh snow. Waiting for weather. Seen where I sit. A rare bird. Winter visitor. [Subjects include : Winter continues. Curlew. Peewit. Ring Ouzel. Rough-legged Buzzard. Flora : Coltsfoot. Celendine. Dog Mercury. Alder Catkins].
- 1963 Carlisle Journal. 19<sup>th</sup>, April, 1963. In the Country : The toll on the countryside. Lack of oxygen. Scarce birds. No escape. Summer birds. [Subjects include : Mass death of Carp. Meadow of Pipits. Lapwing. Curlew].
- 1963 Carlisle Journal. 26<sup>th</sup>, April, 1963. In the Country : Spring they call it! Half-gate. Wild Pigeons. Printed in snow. Wetter still. [Subjects include : Stock Doves. Ring Ouzel. Red Grouse. Ancient Cairns].
- 1963 Carlisle Journal. 3<sup>rd</sup> May, 1963. In the Country : Spring glorious Spring at last! Cheerful Warblers. Blossom & Bud. Trespassers. [Subjects include : Curlew. Willow Warbler. Yellow Bunting. Corn Bunting. Carrion Crow. Larks. Wood Pigeon. Cuckoo. Swallow. House Martin. Flora : Wild Cherry. Snowdrops].
- 1963 Carlisle Journal. 10<sup>th</sup>, May, 1963. In the Country : I pay a call on a Magpie. Always wet. Rare bloom. Aimless Lanes. Magpies nest. [Subjects include : Wedholme Flow. Moss Lonnings].

- Moles. Magpie nest. Flora : Peat Mosses. Sphagnum. Lichens. Liverworts. Bog Rosemary or Marsh Andromeda].
- 1963 Carlisle Journal. 17<sup>th</sup>, May, 1963. In the Country : Many migrants are late... or dead. Fewer numbers. The first butterfly. Late but lovely. [Subjects include: Spring migration. Grasshopper Warbler. Swallow. Cuckoo. Swift. Nightjar. Whinchat. Willow Warbler. Whitethroat. Status of Corncrake. Small Tortoiseshell Butterfly. Flora : Garlic Mustard. Ground Ivy. Ladies Smock. Cotton Grass. Wild Cherry. Dandelion].
- 1963 Carlisle Journal. 31<sup>st</sup> May, 1963. In the Country : I spot a Kestrel in the high fells : Old world village. Ring Ouzel. Leaving the nest. White waterfalls. [Subjects include : Croglin Valley. Sky Lark. Ring Ouzel. Kestrel].
- 1963 Carlisle Journal. 7<sup>th</sup>, June, 1963. In the Country : Adder refused to attack. A fine setting. Solway's shimmer. Barn Owl's nest. The Adder and I. It strikes. Ready to Attack. [Subjects include : Christian Crag. Barn Owl. Adder].
- 1963 Carlisle Journal. 14<sup>th</sup>, June, 1963. In the Country : Winter claimed a head? Cut off! Up on the Fells. One casualty. Antics of Red Grouse. Always ahead. A real tragedy. Fight for life. Still warm. [Subjects include : Christianbury Crags. Wild Goats. Red Grouse-feigning injury. Dead Roe Deer].
- 1963 Carlisle Journal. 21<sup>st</sup>, June, 1963. In the Country : Good news about the Goosanders and the Goats. Bird returned. Crew Castle. Lost Dwellings. The goat. [Subjects include : Goosander. Antonstown. Christianbury Goats].
- 1963 Carlisle Journal. 28<sup>th</sup>, June, 1962. In the Country : Days of solitude and joy in fells. Short journey. Shore birds inland. Sandpipers too. A lovely Tarn. Bronze Cauldron. [Subjects include : Shopford. Highstone Common. Wellington Gate. Oystercatcher. Sandpiper. Skylark. Dunlin. Golden Plover. Black Moss. Roaman relic (Cauldron)].
- 1963 Carlisle Journal. 5<sup>th</sup>, July, 1962. In the Country : A tree in a thousand. [White Lyne River. Kirkbeck. Brown Trout. Reed Bunting. Sedge Warbler. Willow Warbler. Goosander and ducklings. Redstart. Flora : Ancient Elm. Early Purple Orchid. Cranberry].
- 1963 Carlisle Journal. 12<sup>th</sup>, July, 1963. In the Country : The Waste of Cumberland. Escarpment Rivers turn. Finest Gorge. Great Morass. Fox shambles. [Subjects include : Bewcastle Fells. Gilsland Moors. Spadeadam. The Hou Burn. Water Vole. Fox earth. Large yellow-banded dragonfly].
- 1963 Carlisle Journal. 19<sup>th</sup>, July, 1963. In the Country : The changing face of the marshes, Gaining ground. Still growing. The marsh has an owner. Goosanders. No hero. Not born here. End of the season. [Subjects include : Solway Marshes. Saltmarsh. Rockcliffe Marsh. Rivers Esk and Eden. Goosanders. Sandpipers. Curlew. Golden Plover. Oystercatcher. Redshank. Black-headed Gull. Lesser Black-backed Gull].
- 1963 Carlisle Journal. 26<sup>th</sup>, July, 1963. In the Country : The killers of Glasson eat their victims alive! Unique plants. Insect catching plants. Absorption. Rare birds. How to tell. [Subjects : Glasson Moss. Sphagnum Moss. Sundew. Bog Asphodel. Willow Tit. Marsh Tit. Green Woodpecker].
- 1963 Carlisle Journal. 2<sup>nd</sup>, August, 1963. In the Country : Who says these leafy woods are (pew) cool! A Reedy Tarn. A pretty scene. The empty cottage. Remnant of forest. [Subjects include : Roe Deer. Foxes. Reed Bunting. Mallard. Coot. Waterhen. Mute Swans. Flora : Oakwood. Meadow Sweet].
- 1963 Carlisle Journal. 9<sup>th</sup>, August, 1963. In the Country : All this was a desert 200 million years ago. Foot prints. Arid, austere, A bygone age. Rare dragonflies. Hard to identify. Fort site. [Subjects include: Barrock Fell. Blaize Fell. Lazonby Fell. Wan Fell. Penrith Beacon. Eden Valley. Sandstone fossil. Dentonside. Yellow and Blue-banded Dragonfly].
- 1963 Carlisle Journal. 16<sup>th</sup> August, 1963. In the Country : Once all this was water. Both in use. An aquatic jungle. Giant cigars. A paradise. An otter incident]. Subjects include : Monkhill Lough. Water Mill. Reeds. Rushes and Sedges. Duck "in eclipse". Sedge Warbler. Reed Bunting. Otter tracks, "Otter drowning dogs"].
- 1963 Carlisle Journal. 23<sup>rd</sup> August, 1963. In the Country : Nine miles of coast - and not a soul in sight! First Autumn visitor. Tail patch. The "Dorick Hole". A new day. Flower Creeks. Few mushrooms. [Subjects include : Solway. Burgh Marsh. Greenshank. Haaf nets. Wheatear. Goosanders. Fresh-water Eel].
- 1963 Carlisle Journal. 30<sup>th</sup> August, 1963. In the Country : Everybody's looking for that cash. The stranger. Mystery woman. Plot thickens. Badger Haunt. Impregnable. Battlefield. [Subjects include : Empty farm houses. Badger Sett - "The largest I have ever seen."].
- 1963 Carlisle Journal. 6<sup>th</sup>, September, 1962. Out and About : Busy mole helps me solve a mystery of the

- Fells. Distance deceptive. Unique in British scenery Dust afoot. [Subjects include : Geltsdale. Becks in spate. Coal drift. Mole. Whinchat. Pipit larks. Ring Ouzel. Flora : Heather. Grass of Parnassus. Rowan. Petty Whin].
- 1963 Carlisle Journal. 13<sup>th</sup>, September, 1963. In the Country : Real 'Weeting Rain'. A remarkable procession. A seat in the stalls. Sheld Ducks. Procession. [Subjects include : Upper Solway. Rainfall. Rising Tides. Oystercatcher. Shelduck. Knot. Curlew. Tern. Peewit. Mallard Widgeon].
- 1963 There is a break at this point due to R.G. having an illness.
- 1963 Carlisle Journal. 18<sup>th</sup> October, 1963 Out and about. My, but it feels good to be back - I'm sorry for the ?. A day on the Fells. Determination. Great change. Exotic conifers. "Heap of Steans". Settlement or cemetery. ["Currock above Black Lyne House". Round Barrows. "Camps Graves". Flora : Grass of Parnassus].
- 1963 Carlisle Journal. 25<sup>th</sup> October, 1963. In the Country. Natural history as seen from the back door. All aglow. Odd Buttercup. In wild state. Island nest. Latest arrivals. Goldcrest goes to school. [Subjects include : Tufted Duck. Pochard. Canada Goose. Goldeneye. Little Grebe (Dabchick). Pink-footed Geese. Goldcrest. Flora : Berberis. Wild Barberry. Celery-leaved Crowfoot].
- 1963 Carlisle Journal. 1<sup>st</sup> November, 1963. In the Country : Now-drain diviners. Possibilities, Sunshine. Beautiful. Thousands - "of wading birds". [Subjects include : Drain Management. Skylarks. Brown Hare. Wigeon].
- 1963 Carlisle Journal. 8<sup>th</sup>, November, 1963. In the Country : Walking in the dark. Faint cry. Baneful banshee. Hedgehog family gipsies. [Subjects include : Redwing. Jays. Hedgehog].
- 1963 Carlisle Journal. 15<sup>th</sup>, November, 1963. In the Country : In search of the wild swan. Black and White. The Jays. Formations. Late brood. [Subjects include : Thurstonfield Lough. Mute Swans. Coot. Common Gull. Little Grebe/Dabchick. Teal. Jays. Bullfinch. Blue Tits. Great Tit. Late House Martins].
- 1963 Carlisle Journal. 22<sup>nd</sup> November, 1963 In the Country : Wild cats. Born and bred. Extinct. Daniel Defoe. Wild Goats? [Subjects include : Carlisle Natural History Society. A Wildcat from Roweltown. Foulmart (Polecat from Stoneraise)].
- 1963 Carlisle Journal. 29<sup>th</sup>, November, 1963. In the Country : How to get on the right side of gamekeepers. Skirmishes. Massive man. Vermin. Farmers. [Subjects include : Gamekeeping].
- 1963 Carlisle Journal. 6<sup>th</sup>, December, 1963. In the Country : A soggy day in the country. Double dikes. Clue. Modern name. Gipsy camp. [Subjects include : Carrion crow. Curlew. Tarn Plantation].
- 1963 Carlisle Journal. 13<sup>th</sup>, December, 1963. In the Country : Those sombre and forbidding Fells. Sullen. Babble Solitary. Unison. [Subjects include : Tindale Fell. Mute Swan. Coots. Tufted Duck. Mallard. Pochard. Kestrel. Raven. Whooper Swans].
- 1963 Carlisle Journal. 20<sup>th</sup>, December, 1963. In the Country : The Silent Country. [Subjects include : Inglewood Forest. Pottery fragments in a stream. Roe deer scrapings. Woodcock. Flora : Hart's tongue Fern. Golden Saxifrage].
- 1963 Carlisle Journal. 28<sup>th</sup>, December, 1963. In the Country : Hunting Holly. A bird out of place. Modernising the country. The abundance of pigeons. [Subjects include : Holly. Northern Lapwing. Various nests : Blackbird. Thrush. Curlew. Woodpigeon].
- 1964 Carlisle Journal. 3<sup>rd</sup>, January, 1964. In the Country : Once these narrow lanes were busy highways. Old Port. Rapid rattle. The herdsman. [Subjects include : Upper Solway. Rockcliffe. Sandsfield. Sheeo. Goldeneye. Mixed flocks of birds including Chaffinches, Blue Tits and Great Tits. "Bachelor Bird" or "Scopy". Redshank].
- 1964 Carlisle Journal. 10<sup>th</sup>, January, 1964. The country is beginning to look up already. Longer days. Awakening Snug. How they got their names. Scalegate. [Subjects include : Flora : Hazel catkins. Honeysuckle. Harts-tongue Fern. Hard Fern. Polypody. Bluebells. Wood Sorrel. Primrose. Foxglove. Cumbrian Place names].
- 1964 Carlisle Journal. 17<sup>th</sup>, January, 1964. In the Country : One of those times when you just follow up your nose. Flutelike. Faint Tracks. Uncanny. Teatime. [Subjects include : Bullfinch. Woodcock. Jay. Otter prints. Ferns].
- 1964 Carlisle Journal. 24<sup>th</sup>, January, 1964. In the Country : I've never seen the Solway like this. Fairyland. Squad. Serenity. Waxwings in Carlisle. [Subjects include : Ice floes. Goldeneye. Mallard. Pink-footed Geese. Greater Black-backed Gull. Wigeon. Meadow Pipit. Waxwing].
- 1964 Carlisle Journal. 31<sup>st</sup>, January, 1964. In the Country : A patch of cornland in the forest. Exploring. Back to Moss. Cornland. Hidden. [Subjects include : Disused Quarries. Lime Kilns. Varied Woodland. Myxomatosis. Bullfinch. Flora : Snowdrops. Aconite. Watercress].

- 1964 Carlisle Journal. 7<sup>th</sup>, February, 1964. In the Country : It was the oddest of owls in the County bird book. I know of no walk to surpass this one. [Subjects include : Little Owl. Wreay Woods].
- 1964 Carlisle Journal 14<sup>th</sup>, February, 1964. In the Country : Believe me, its still jolly cold up on those fells. Explanation. Numb hands. Fine plumage. [Subjects include : East Fells. Rooks. Wood Pigeons. Carrion Crow. Mallard. Dipper. Mute Swan. Goldeneye. Raven. Hare].
- 1964 Carlisle Journal. 21<sup>st</sup>, February, 1964. In the Country : Oh, What a beautiful morning. Laid low. Fair maids. In the paper. Flattering. [Subjects include : Ritson Graham meets an admirer. Yellow Buntings. Blue and Great Tits. Wood pigeons. Dipper. Flora : Wild Cherry. Snowdrops. Hazel Catkins. Hedge-laying].
- 1964 Carlisle Journal. 28<sup>th</sup>, February, 1964. In the Country : This is no place for those who like their comfort. Bowness. Strange bird. Bare sand. Herdwicks - Black wool. [Subjects include : Solway. Bowness on Solway. "Clouds of Waders". Knot. Curlew. Lapwing. Oystercatcher. Goldeneye. Redshank Shelduck. Sheep].
- 1964 Carlisle Journal. 6th March, 1964. In the Country : Spring is late on the moors. Skylarks. Foxes. Song. [Subjects include : River Irthing. Gilsland Moor. Skylarks. Jackdaws. Stock Dove. Goosanders. Blue and Great Tits. Blackbird. Carrion Crow. Fox and Terriers. Flora : Snowdrops. Coltsfoot].
- 1964 Carlisle Journal. 20<sup>th</sup>, March, 1964. In the Country : Where have all the Herons Gone? [Subjects include : Herons. Woodcock. Stoat].
- 1964 Carlisle Journal. 3<sup>rd</sup>, April, 1964. In the Country : A rendezvous with my Ravens. [Subjects include : Raven. Curlew. Red Grouse].
- 1964 Carlisle Journal. 10<sup>th</sup>, April, 1964. In the Country : It seems a pity to chop. [Subjects include : The removal of Elms which affects the growth of Toothwort. Scarcity of Peewit. Badger Sett. Flora : Celendine. Coltsfoot. Primrose. Blackthorn. White Violets. Wood Anemone].
- 1964 Carlisle Journal. 17<sup>th</sup>, April, 1964. In the Country : Soaked-thanks to that very silly sheep. Spare socks. Death no mistaking. [Subjects include : Castle Carrock. Rescuing a sheep. Green Woodpecker. Merlin. Dead Red Squirrel].
- 1964 Carlisle Journal. 24<sup>th</sup> April, 1964. In the Country : A day in the garden of Eden. We sat on roof. Haunt of the deer. They don't herd. Butterflies emerge. First migrants arrive. [Subjects include : Eden Valley. Roe Deer. Tortoiseshell Butterfly. Willow Warblers. Green Woodpecker. Sandpiper. Flora : Elm blossom].
- 1964 Carlisle Journal. 1<sup>st</sup>, May, 1964. In the Country : Funny how you can still miss things. [Subjects include : Boundary Stones. Missing Peewits. Curlew. Skylark. Willow Warbler. Carrion Crow. Cuckoo. Flora : Wild Cherry. Stitchwort. Lesser Winter-green].
- 1964 Carlisle Journal. 8<sup>th</sup>, May, 1964. In the Country : Its easy to get lost in Greystoke Forest. [Subjects include : Cuckoo. Roe Deer. Snares. Rabbits].
- 1964 Carlisle Journal. 15<sup>th</sup>, May, 1964. In the Country : The disappearing Ratcher (Poachers). [Subjects include : Swallows. Martins. Swifts. Poachers. Trout. Flora : Watercress].
- 1964 Carlisle Journal. 22<sup>nd</sup>, May, 1964. In the Country : How on earth did one find the time? 2 a.m. bed. Waited on. Time to read. [Subject : Ritson Graham reflects on his retirement and future opportunities].
- 1964 Carlisle Journal. 29<sup>th</sup>, May, 1964. In the Country : The glorious days in Bewcastle. Failed again. The stranger. [Subjects include : Bewcastle. Black Lyne Forest. Long Barrow (Curroch). Lambing season. Bees. Blackcock. Green Woodpecker].
- 1964 Carlisle Journal. 5<sup>th</sup>, June, 1964. In the Country : Only mouldering ruins remain. My quest. Fewer inhabitants. Run in 1864. Better summers. Wayside cress. [Subjects include : Bewcastle. Uninhabited homesteads. Pasture Head. Cross Fell. Threshing corn. Ploughing. Goosander].
- 1964 Carlisle Journal. 12<sup>th</sup>, June, 1964. In the Country : This is where to find the Adder. They're drier. Popular haunts. Rarely seen now. Botanical wealth. [Subjects include : Wedholm Flow. Glasson Moss. Peat. Old trenches dried out. Lesser Black-backed Gull. Greater Black-backed Gull. Willow Tit. Magpies. Carrion Crow. Green Woodpecker. Meadow Pipit. Skylark. Shelduck. Green Woodpecker. Twite. Red and Black Grouse. Adder. Flora : Bog Rosemary. Great Sundew].
- 1964 Carlisle Journal. 26<sup>th</sup>, June, 1964. In the Country. Cumberland's Marsh. Cowboys ride herd. Many Gulls. Early arrivals. Most grateful. Horse-back herds. [Subjects include : Rockcliffe Marsh. Black-headed Gull. Widgeon. Golden Plover. Shelduck. Terns. Goosander. Cattle and sheep. Flora : Sea Thrift. Sea Thrift].

- 1964 Carlisle Journal. 3<sup>rd</sup> July, 1964. In the Country : Nature in the ruined places. Ruined Farm. Rabbits here. Cheerful chats. [Subjects include : Shopford. Mount Thulie. Stock Dove. Swallows. Blackbird. Whinchat.
- 1964 Carlisle Journal. 10<sup>th</sup>, July, 1964. In the Country : Man is but a tiny speck amid this vastness. Warm hospitality. Custom dead. Oystercatcher. In time for tea. [Subjects include : Gilsland and Scottish Borders. "Clipping day". Sheep Folds. Brown Trout. Oystercatcher. Whinchat. Meadow Pipit. Curlew. Kestrel. Golden Plover. Skylark. Flora : Purple Orchid. Hawkweed. Red Rattle. Ragged Robin].
- 1964 Carlisle Journal. 17<sup>th</sup>, July, 1964. In the Country : Corncrakes, Foxes, a white Sparrow and an orchid, they're back. Strange visitor. Gate fixed. A white Sparrow. An orchid from Wales. [Subjects include : Corncrakes near Carlisle. Dead Fox. Albino Sparrow. Flora : Marsh Helleborine].
- 1964 Carlisle Journal. 24<sup>th</sup>, July, 1964. In the Country : Where rivers are born. Two sources. The highest point. No road. More wildlife. Trout waited. Earlier Occupation. Old House. [Subjects include : River Irthing. Kingwater. Bewcastle Fell. The "Waste". Erratic Boulders. Paddaburn. Shakend. White Hill. Lapwing. Golden Plover. Sandpiper. Redshank. Flora : Cloudberry].
- 1964 Carlisle Journal. 7<sup>th</sup>, August, 1964. In the Country : At Last - I find St. Patrick's Cabbage. 1800 Miles. Hooded Crow. Noisy flocks. Insect catchers. Fuschias and Ferns. [Subjects include : Ireland. Hooded Crows. Curlew. Rooks. Swifts. Flora : Bulrush. Sundew. Pale Butterwort. Ferns].
- 1964 Carlisle Journal. 14<sup>th</sup>, August, 1964. In the Country : A damp day beside Solway's shores. Too far away. Autumn bird visitors. Ready to go. Peewits gather. Goosander and Greenshank. Flowers in the corn. [Subjects include : Upper Solway. Rockcliffe to Bowness. Rainfall. Esk Estuary. Black Scoter Wheatear. Sandpiper. Curlew. Goosander. Greenshank].
- 1964 Carlisle Journal. 21<sup>st</sup>, August, 1964. In the Country : A dying species and a rare bird. More Barley. A Tangle. Fewer Butterflies. Its their time. Mushrooms too. Rare Bird. [Subjects include : Butterflies : Green-veined White. Large White. Small Tortoiseshell. Painted Lady. Common Blue. Small Copper. Birds : Common Gull. Little Owl. Flora : Wheat. Oats. Barley. Eyebright. White clover. Willowherb. Guilder Rose. Mushrooms].
- 1964 Carlisle Journal. 28<sup>th</sup>, August, 1964. In the Country : I meet two shy denizens of the forest. A rare bird. Bullfinch family. Shy roe-deer. [ Marsh Tit. Bullfinch nesting in Bracken. Roe Deer].
- 1964 Carlisle Journal. 4<sup>th</sup>, September, 1964. In the Country : The cottage by the sea. An odd object. Hardbaked. Shore-bird census. Many Oystercatchers [Subjects include : Pottery. Bowness-cardurnock shore. Oystercatchers (approx 3,440). Linnet. Flora : Sea Drift].
- 1964 Carlisle Journal. 11<sup>th</sup>, September, 1964. In the Country : The harvest-and a real stinger. Wild geese arrive. Very early. Wasp's cleverness. [Subjects include : Harvesting. Early geese - heard not seen. Wasp. Guilder Rose].
- 1964 Carlisle Journal. 18<sup>th</sup>, September, 1964. In the Country : Badgering a poor old Badger. A Labyrinth. Old Bridge site. Coppice assaulted. Cleared again. Red Admiral. [Subjects include : Tarn Plantation. Badger earth. Hare. Butterflies : Red Admiral. Wall. Flora : Rosebay Willowherb].
- 1964 Carlisle Journal. 25<sup>th</sup>, September, 1964. In the Country : Exiles think fondly of the old country. Sparrow trouble. Wild geese in August. Cannot fly. Some on Hammonds Pond. Knock - a Pennine Village. Helm Wind forms here. [Subjects include : Great Pennine Fault. Helm Wind. Corncrakes. Resident Geese? Canada Goose].
- 1964 Carlisle Journal. 2<sup>nd</sup>, October, 1964 In the Country : Here's an odd part of Old Cumberland. It's still a wonderful crop. The puzzle of two gates. Not so much Sloe Gin now. [Subjects include : Beaumont. Strip enclosures. Magpie. Partridge. Red Admiral. Blackthorn "Bullace"].
- 1964 Carlisle Journal. 9<sup>th</sup>, October, 1964. In the Country : A Tidal bore, and a lot of welcome visitors. The Solway tidal bore. Can anyone identify it? Better than guardsman. [Subjects include : Tidal Bore. Burgh Marsh. Herons. Gulls. Lapwing. Curlew. Ring Plover. Dunlin. Cormorant].
- 1964 Carlisle Journal 16<sup>th</sup>, October, 1964. In the Country : Barley crop is the first ever on this 7 acre plot. Never cultivated before. Sounds from the tangle. He loves his sanctuary. [Subjects include : Saw Pit Wood. Bullfinch. Jay. Fox. Badger. Roe Deer. Rabbits. Flora : Barley crop. Raspberries. Brambles. Willowherb].
- 1964 Carlisle Journal. 23<sup>rd</sup> October, 1964. In the Country : Where more than one is a real crowd. Autumn show of colour. Nut crop very poor. Robbers of berries. [Subjects include : Upper Geltsdale. 'King's Forest of Geltsdale'. Pipits. Mistle Thrush. Dipper. Flora : Gorse. Grass of Parnassus.

- Rowan. Hazel crop. Sheeps-bit Scabious].
- 1964 Carlisle Journal. 30<sup>th</sup>, October, 1964. In the Country : I see a silent hunter busy at his work. A large gathering of Coot. The silent hunter. [Subjects include : Hare. 60 Coots. Dipper. Fieldfare. Short-eared Owl. Dead Snipe. Kestrel].
- 1964 Carlisle Journal. 6<sup>th</sup> November, 1964. In the Country : A long legged and wild whistling wader. Birds of passage. A curious discovery Unapproachable wild geese. [Subjects include : Marshland. Cattle. Greater Black-backed Gull. Redshank. Greenshank. Pink-footed Geese. Fossil of Boar jaw].
- 1964 Carlisle Journal. 13<sup>th</sup>, November, 1964. In the Country : A day of thrills and interest in Gelt Woods. The questing hounds. Written in rock by the Romans. [Subjects include : Sweet Chestnuts. Trailsman. Autumn foliage. Ancient tool marks].
- 1964 Carlisle Journal. 20<sup>th</sup>, November, 1964. In the Country : Pigeons and pottery in Wreay Oakland Woods. Hordes of Wood Pigeons. Roman Tiles and Pottery. Modelling clay found. [Subjects include : Autumn foliage. Large flocks of Wood Pigeons. Roman Pottery].
- 1964 Carlisle Journal. 27<sup>th</sup>, November, 1964. In the Country : Winter visitors. To the Solway. The gentle 'herd'. Gulls in the high hills. [Subjects include : River Eden. Burgh. Rockcliffe. Black-faced Sheep. Gulls. Dunlin. Redshank. Oystercatcher].
- 1964 Carlisle Journal. 4<sup>th</sup> December, 1964. In the Country : The wild swans were in their sleepy mood. Seeking the wild ones. A hundred bobbing Coots. Woods full of life. Peckings & Borings. [Subjects include : Thurstonfield Lough. Roe deer slots. Mute Swans. Whooper Swans. Coot. Pochard. Jays. Greater-spotted Woodpecker. Fungi].
- 1964 Carlisle Journal. 18<sup>th</sup>, December, 1964. In the Country : Fleeting glimpse of a rare hunting bird. The home of the Merlin. The Woodcock arrive. [Subjects include ; Ernest Blezzard. Merlin. Woodcock].
- 1964 Carlisle Journal. 24<sup>th</sup>, December, 1964. A road walk to dodge the worst of the weather. New duck arrivals. Kestrel with a habit. Hare changes house. Gnats gyrating. [Subjects include : Tufted Duck. Goldeneye. Wigeon. Kestrel. Pheasant. Hare. Peewit. Fieldfare. Redwing. Grey Wagtail. Midges].
- 1965 Carlisle Journal. 1<sup>st</sup> January, 1965. In the Country : Mud and ice as winter's grip tightens. Pigeons gather again. Soil was like treacle. Rabbits still here. [Subjects include : Goldfinch. Yellow Bunting nests. Whitethroat. Chaffinch. Thrush. Blackbirds. Carrion Crow. Wood pigeons. Lapwing. Skylarks. Reed Bunting. Pink-footed Geese. Rabbits. Flora : Nettles. Knapweed. Scot's pine].
- 1965 Carlisle Journal. 8<sup>th</sup>, January, 1965. In the Country : A quick cameo of wild life in the winter woods. A host of sounds. Fox passed me by. The right answer. Buds for Bullfinches. [Subjects include : Coppice. Large Fox. Rabbits. Green woodpecker. Woodcock. Bullfinch. Jay. Pheasant].
- 1965 Carlisle Journal. 15<sup>th</sup>, January, 1965. In the Country : Some winter visitors to a fell tarn. There's swans and swans. Three hundred ducks. A rare owl again. [Subjects include : Tindale. Squash ice. Hoar-frost. Whooper swans. Mute Swans. Goosander. Mallard. Short-eared Owl].
- 1965 Carlisle Journal. 22<sup>nd</sup>, January, 1965. In the Country : A solid phalanx of wild geese in flight. Scandinavian Gull. An egg in the nest. Wild Geese galore. [Subjects include: Juvenile Mute Swan. Eden estuary. Scandinavian Lesser Black-backed Gull. Willow Warbler egg. Pink-footed geese].
- 1965 Carlisle Journal. 29<sup>th</sup>, January, 1965 In the Country : The moon and I- and a cry in the night. Mating cry of a fox. Heard in the distance. [Subjects include : Brampton. Moon. Fox].
- 1965 Carlisle Journal. 5<sup>th</sup>, February, 1965. In the Country : The ghost wood, haunt of poachers - dead and silent. My man Friday. He carried a gun. A plan of the place. [Subjects include : Orton Woods / Orton Moss. Wood Pigeon. Pheasant. Rabbit].
- 1965 Carlisle Journal. 12<sup>th</sup>, February, 1965. In the Country : To the power of the floodtides. Unusual small birds. A rare one. A new food supply. [Subjects include : Solway Marsh. River debris & ice. Linnets. Meadow Pipit. Pied Wagtail. Twite. Rock Pipit. Wigeon. Greater Black-backed Gull].
- 1965 Carlisle Journal. 19<sup>th</sup>, February, 1965. In the Country : A visit to the 'Bosky' Woods of the Roe Deer. Places of consequence. Wooded Gulls. Cockley Wood. [Subjects include : Cow Rigg. Sour Nook. Black shale dumps. Coal drifts. Rabbit. Old Badger sett. Woodcock. Marsh Tit. Flora : Primrose. Snowdrop].

- 1965 Sun Newspaper. 27<sup>th</sup>, February, 1965. A bird in his hand was worth 'Brush' with the law. [Ritson Graham is arrested by a young police constable on suspicion of being an escaped mental patient].
- 1965 Carlisle Journal. 5<sup>th</sup>, March, 1965. In the country : Winter visitors to a local fell tarn. Reservoir visit. Ducks at last. Dipper in deep water. [Subjects include : Yellow Buntings. Chaffinches. Greenfinches. Goldcrest. Dipper. Wigeon. Goldeneye. Brambling. Reed Bunting. Tree Sparrow].
- 1965 Carlisle Journal. 12<sup>th</sup>, March, 1965. In the Country : The Herons make a tardy return. Curious cries. More in a smaller wood. Rookery as an old heronry. [Subjects include : Arctic Blizzard. Herons. Rooks. Roe Deer].
- 1965 Carlisle Journal. 19<sup>th</sup>, March, 1965. In the Country : Sunshine and snow by the side of the Solway. Birds from the Arctic. Heard scots rooster. [Subjects include : Jum Brown. Dunlin. Knots].
- 1965 Carlisle Journal. 26<sup>th</sup>, March, 1965. In the Country : The Ravens move their nesting haunt. At the Ravens Crag. This years nest. Merlin in a hurry. [Subjects include : Sheep. Field Vole. Hare. Raven. Peewits. Golden Plover. Curlew. Merlin].
- 1965 Carlisle Journal. 2<sup>nd</sup>, April, 1965. In the Country : A day on the moors in mid-March. Forbidding experience. The Shepherds note's. [Subjects include : Bewcastle/Gilsland Moor. Butterburn. Cheese-making. Golden Plover Oystercatcher. Lapwing. Curlew. Whooper Swan].
- 1965 Carlisle Journal. 9<sup>th</sup>, April, 1965. In the Country : Ravens, Buzzards and a herd of deer. Snow in sunshine. Ancient Deer Forest. Silhouette of deer. [Subjects include : Martindale. Rampsgill Head. Ravens. Buzzard. Red Deer].
- 1965 Carlisle Journal. 15<sup>th</sup>, April, 1965. In the Country : New quarters for the Heron family. Fears removed. [Subjects include : Herons. Wood Pigeon. Mallard Teal. Coot. Woodpecker. Lack of Lapwings].
- 1965 Carlisle Journal. 23<sup>rd</sup>, April, 1965. In the Country : A lovely secluded spot in the Roe Valley. He recalls a shop. Restricted approach. Flower Island. [Subjects include : Fletcher Guards Meadow. Roe Valley. Thrangholm. Old Mill-race. Curlew. Rook. Mallard. Blackbird. Waterhen. Flora : Golden Saxifrage. Toothwart.
- 1965 Carlisle Journal. 30<sup>th</sup>, April, 1965. In the Country : When are the spring-visitors due? Cuckoos keep time. The most recent one watching a weasel. [Subjects include : Weasel. Migration arrival times. Cuckoo. Swallows. Martins. Willow Warbler. Blackbird. Wood Pigeon].
- 1965 Carlisle Journal. 7<sup>th</sup>, May, 1965. In the Country : A day of pleasant surprises. Carrion Crow Nest. It loves stinks. Woodpecker drumming. Ploughed by bullocks. [Subjects include : Corn Bunting. Carrion Crow. Willow Warbler. Oystercatcher. Great-spotted Woodpecker. Butterfly : Peacock. Carrion. Oxen-drawn ploughs].
- 1965 Carlisle Journal. 14<sup>th</sup>, May, 1965. In the Country : Gunshot victim. The lone mammal. Will's abode. [Subjects include : Rockcliffe Marsh. Saltmarsh. Will - the Boatman. Hare. Pink-footed Geese. Greylag Geese. Terns. Black-headed Gull. Lesser Black-backed Gull. Flora : Marsh Scurvy Grass].
- 1965 Carlisle Journal. 28<sup>th</sup>, May, 1965. In the Country : At last I find evidence of early man. From the stone-age. Not so successful. [Subjects include : Bewcastle. Neolithic Long Barrows. Goosander].
- 1965 Carlisle Journal. 4<sup>th</sup>, June, 1965. In the Country : A quiet and lovely place. Cuckoo country. [Subjects include : Geltsdale. Woodpecker (Heard nor seen). Cuckoo. Pied Flycatcher].
- 1965 Carlisle Journal. 11<sup>th</sup>, June, 1965. In the country : I try the joys of bog-trotting. Bog plants. Tough going. Disappointed. [Subjects include : Wedholme Flow and Glasson Moss. Peat. Curlew. Redshank. Flora : Peat. Sundew. Bog myrtle. Cotton Grass. Butterwort. Bog Bean. Bog Rosemary].
- 1965 Carlisle Journal. 18<sup>th</sup>, June, 1965. In the Country : Fears about Wild Goats are allayed : a mysterious boundary. Where the deer rested. [Subjects include : Christianbury Crag. Wild Goats. 'Fosse of the Galwegians'. Roe Deer].
- 1965 Carlisle Journal. 25<sup>th</sup>, June, 1965. In the Country : The Osprey seen in Cumberland. [Subjects include : Osprey seen at Naworth. Esk Estuary. Merganser. Flora : Curled Dock].
- 1965 Carlisle Journal. 2<sup>nd</sup> July, 1965 In the Country : Rare visitors to haunt the city-cock birds give notice. Local distribution. [Subjects include : Corncrake. Corn Bunting].
- 1965 Carlisle Journal. 9<sup>th</sup>, July, 1965. In the Country : A hot day on Bowness Moss. Warm work on a hot day. An anxious male. [Subjects include : Curlew. Skylarks. Red Grouse. Northern Egger Moth. Flora : Sphagnum. Cross-leaved Heath. Great Sundew].
- 1965 Carlisle Journal. 16<sup>th</sup>, July, 1965. In the Country : Stared-out-by a fellside Fox. An ancient cairn.

- The roof on the world. [Subjects include : Cold Fell. Fox. Golden Plover. Dunlin. Swifts. Ring Ouzel. Whinchat. Stock Dove. Kestrel. Flora : Cloudberry. Willowherb].
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- 1982 "Plant Record **342/tri** *Populus trichocarpa* Torrey & Gray ex Hook. V.C. 70, Cumberland : by King Water, Spadeadam, Gilsland. GR 35/61.70. G.Halliday. 1981, **LANC**, det, R.D.Meikle. 2<sup>nd</sup> record." Watsonia. **14**, (2), November, 193.
- 1982 "Plant Record **343/10**. *Salix calodendron* Wimm. V.C. 70, Cumberland : Millom Marsh. GR 34/18.81. G. Halliday, 1981, **LANC**, det, R.D.Meikle. First Vice-county record. Watsonia. **14**, (2), November, 193.
- 1982 "Plant Record **468/1** *Marrubium vulgare* L. V.C. 70, Cumberland : by Stoup Dub Farm, Haverigg, Millom. GR 35/15.78. G. Halliday, 1981, **LANC**, 1<sup>st</sup> post-1930 record." Watsonia. **14**, (2), November, 195.
- 1982 "Plant Record **648/1** *Lysichiton americanus* Hulton & St. John. V.C. 69, Westmorland : Holbeckghyll, Ambleside, GR 35/38.01. G. Halliday, 1981, **LANC**. First Vice-county record. Watsonia. **14**, (2), November, 198.
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- 1983 "Plant Record **160/fra** *Salicornia fragilis* P.W.Ball and Tutin. V.C. 69, Westmorland : east of Rampside, Furness. GR 34/23.65. G.Halliday, 1982, field record, det, I.K.Ferguson. 2<sup>nd</sup> record." Watsonia. **14**, (4), August, 422.
- 1983 "Plant Record **211/11/139** *Rubus procerus* P.J.Muell. V.C. 69, Westmorland : Aldington Shore,

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- 1983 “Plant Record **268/col** *Hedera colchica* (C.Koch), Koch. V.C. 69, Westmorland : Fellfoot Road, South of Barbon, Kirkby Lonsdale, GR 34/63.81. G.Halliday, 1981, **LANC**, det, A.Rutherford.” *Watsonia*. **14**, (4), August, 425.
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- 1983 “Plant Record **687/jub** *Hordeum jubatum* L. V.C. 69, Westmorland : M6 between Shap and Little Strickland. GR 35/56.18. G.Halliday, 1981, field record, 2<sup>nd</sup> record.” *Watsonia*. **14**, (4), August, 433.
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record." *Watsonia*. **17**, (2), July, 189.
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*Watsonia*. **17**, (2), July, 193.
- 1988 "Plant Record **558/1/46** *Hieracium stenopholidium* (Dahlst.) Omang. V.C. 69, Westmorland :  
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- 1988 "Plant Record **588/1/92** *Hieracium scotostictum* Hyl. V.C. 70, Cumberland : River Eden, East of  
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possibly the same person].
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**Arnside & District Natural History Society** : Angular Solomon's Seal. Bitter Vetch. Bur Marigold. Burnet Sage. Celery Leaved Cranes-bill. Daphne mezereum. Evening Primrose. Field Garlic. Foetid Hellebore. Giant Bellflower. Goldilocks. Green Hellebore. Lamb's Lettuce. Moschatel. Mares Tail. Mountain Everlasting. Nettle Leaved Bell-flower. Orchids Autumn Lady's Tresses. Bee. Fly. Fragrant. Greater. Lesser Butterfly. Rigid Buckler Fern. Round-leaved Cranesbill. Sand Leek. Skullcap (Greater and Lesser). Snowdrops. Spiked Speedwell. Sticky Groundsel. Stone Bramble. Stork's Bill Geranium. Three-veined Sandwort. Toothwort. White Star-of Bethlehem. Yellow Toadflax. (Also Fungi : Fairy Ring Champignon - *Marasucius Oreaoles*). **Extensions of range of** :- Grass (*Catapodium marinum* and *Elymus arenarius*). Japanese Knotweed. New Zealand Willow Herb. Oxford Ragwort. *Ranunculus penicillatus* (A Water Crowfoot). Rush : *Juncus tenuis*. Sedges : *Carex lasiocarpus* and *C. laevigata*. Smooth Cat's Ear. Plant records for Eskmeals and Calderbridge]. **Fungi**. *Formes formentarius* : Horse hoof Fungus. Discovered by Mr and Mrs W.F.Davidson. At Armathwaite. **Maryport**. Sites near Maryport and Ireby Old Church for full list see M.M.Milne (1974). **West Cumberland Field Society records** : Broad-leaved Ragwort. Common Gentian. Common Maple. Common Melilot. Common Rockrose. Common Yellow Water Lily. Haresfoot Trefoil. Ivy-leaved Speedwell. Leopard's Bane. Money Wort. Mountain Pansy. Purple Loosestrife. Purple Saxifrage. Round-Leaved Water Crowfoot. Soapwort. Sweet Gale, Bog Myrtle. Toothwort. Travellers Joy. Viper's Burgloss. White-flowered Melilot. White-flowering Butter Bur. White or Granular-rooted Saxifrage. White Water Lily. Wild Balsam, or Touch-Me-Not. Wild Mignonette or Base Rocket. Wild Rosemary.  
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- Round-leaved Wintergreen. Yellow Bird's-nest. Negative sightings included : Clary. Tassel Hyacinth. Yellow Vetch. **Maryport Nature Group** : Bitter Vetch. Common Rockrose. Evergreen Alkanet. Large Bittercress. Orpine. Purple Toadflax. Soapwort. Star-of-Bethlehem. Traveller's Joy. Yellow Loosestrife. **Proposed Flora of Cumbria and Progress Report**. Some new information. **Whitehaven Natural History Society** : Pyramidal Orchid. Royal Fern. Winter Heliotrope. **Reverend Vine Hall** : *Asplenium viride*. Bog Rosemary. Common Wintergreen. Needle Furze.
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- 1977 Sub-Editor. Plant Report, 1976. Birds in Cumbria : 1976-1977. 46-49. Assn. Nat. Hist. Soc. in Cumbria. **Arnside and District Natural History Society** : Fungi : *Clavicornia taxophila*- a first British record. Wild Service Tree. **Davidson, W. F.** Reports an as yet unidentified mould growing on Honey Fungus in Gelt Woods, Brampton. **Eskmeals Gun Range** : *Anchusa azurea*. Coral Root Orchid. Round-leaved Wintergreen. Tassel Hyacinth. Tree Lupin. Tree Mallow. **Flora of Cumbria** : Fennel. Indian Balsam. Ivy-leaved Bellflower. Knotted Hedge-parsley. Marsh Gentian. Northern Spike-rush. Polygonums (*P. cuspidatum*). Pyramidal Orchid. Water Lobelia. Water Sedge. Whorl-grass. There is also a list of 44 extinct Plants of Cumbria. **Grange-over-Sands Natural History Society**. Knotted Hedge-Parsley. Lesser Broomrape. Soft Clover. **Seascale** : Sea Pea. **West Cumberland Botanists' Group** : Lesser Bulrush. Mare's Tail. Tufted Hair-grass.
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- 1979 "Plant Record **370/5** *Lysimachia punctata* L. V.C. 70, Cumberland : by River Ehen, between

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- 1979 "Plant Record **506/2 x 1**. *Senecio aquaticus* Hill x *S. jacobaea* L. V.C. 70, Cumberland : Ennerdale Bridge. GR 35/06.16. C.C.Haworth. 1978. **herb**, C.C.H. First Vice-county record." Watsonia **12**, (4), August, 357.
- 1979 "Plant Record **558/1** sev. *Hieracium severiceps* Wiinst. V.C. 70, Cumberland : Cleator Moor. GR 35/01.16. C.C.Haworth. 1978. **herb**, C.C.H. First V.C. Record. det. P.D. Sell." Watsonia. **12**, (4), August, 358.
- 1979 "Plant Record **605/ f**. *Juncus foliosus* Desf. Vice-county 70, Cumberland : St Bees. GR 25/97.09. C.C.Haworth. 1978. **LANC**. 2<sup>nd</sup> record." Watsonia. **12**, (4), August, 360.
- 1979 Sub-Editor. Flora of Cumbria Project : 1978. Birds in Cumbria : 1978. 45, 49-50. Assn Nat. Hist. Soc. in Cumbria.
- 1979 Sub-Editor. Plant Report : 1978. Birds in Cumbria : 1978. 44-50. Assn. Nat. Hist. Soc. in Cumbria. [**Arnside Natural History Society**. Information supplied by **Mrs M. Baecker** : Bearded Hawk's-beard. Common Cordgrass. Field Penny-cress. Giant Hogweed. Many-seeded Goosefoot. Narrow-leaved Pepperwort. Sedge : Thin-spiked Wood-sedge. Water Chickweed. Yellow-juiced Poppy. **Barrow Naturalist's Field Society**. Information supplied by **Mrs B. Fisher** : Alder Buckthorn. Broad-leaved Helleborine. Evening Primrose. French Sorrel. Giant Knotweed. Royal Fern. Sea Radish. Slender Speedwell. Small Melilot. Wild Basil. **C.N.T.R.**. Information supplied by Martin Allison : **Barkbooth** : Carline Thistle. **Eskmeals Dune Reserve** : Columbine. **Foulney**. Common Cord-grass. Meadow Saxifrage. Sea Beet. Sea Radish. **Eden Field Club**. Information supplied by Mr D. Hinchcliffe : Basil Thyme. Broad-leaved Ragwort. Bullace. Danewort. Hybrid Northern Marsh-Orchid and Spotted Orchid (*Dactylorhiza fuchsii* x *D. purpurella*). White and Red Campion. Yellow Star-of-Bethlehem. **Flora of Cumbria Project** : **New County Records** :- Bristly Hawk's-beard. Dotted Loosestrife. Fat Duckweed. Glasswort. Hawkweed. Hybrid Ragwort. Kidney Saxifrage. Pick-a-back-plant. Pondweed Hybrid (*Potamogeton* x *P. crispus*). Russian Vine. Shaggy Soldier. *Tellima grandiflora*. Umbellate Hawkweed. Wallflower Cabbage. Warty Cabbage. Yellow Water-lily Hybrid (*Nuphar lutea* x *N. pumila*). **Only Cumbrian Extant Records** :- Blunt-flowered Rush. Elecampe. Fen Pondweed. Medium-flowered Winter-cress. Pink Water-speedwell. Red Goosefoot. **Grange Natural History Society** : Information supplied by Mr F. Woodman : Bristly Hawk's-beard. Elecampane. Grey Club-rush. Monk's-hood. Purple Toadflax. Shaggy Soldier. Slender trefoil. Twiggy Mullien. **Kendal Natural History Society** : Blue Fleabane. Dyer's Greenweed. Wall Pennywort. **Maryport Nature Group**. Information supplied by **Miss Mary Milne** : Dame's-violet. Greater Knapweed. Hairy Tare. Martagon Lily. Purple Loosestrife. Saw-wort. Yellow Loosestrife.
- 1980 Author : Conolly, A. *Polygonum weyrichii* F. Schmidt, an alien new to Britain. Watsonia. **13**, (2), September, 165. [Discovered by C. Haworth in 1978, Wastwater, Cumbria].
- 1980 "Plant Record **320/wey** *Polygonum weyrichii* Fr. Schm. ex. Maxim. V.C.70, Cumberland : Wastwater. GR 35/14.04. C.C.Haworth. 1978, field record. 1979. **LANC**, det, A.P.Conolly. First Vice-county record." Watsonia. **13**, (2), September, 138.
- 1980 "Plant Record **454/1** *Melissa officinalis* L. V.C. 70 Cumberland : Mirehouse, Whitehaven. GR 25/99.15. Disturbed ground by wood edge. C.C.Haworth. 1979, **LANC**, det, G.Halliday." Watsonia. **13**, (2), September, 140.
- 1980 "Plant Record **663/48** *Carex aquatilis*. V.C. 70, Cumberland : by River Irthing, near Churnsike Lodge. GR **35/66.76**. C.C.Haworth and F.J.Roberts. 1976, field record, 1978, **LANC**, det, A.O.Chater." Watsonia. **13**, (2), September, 147.
- 1980 "Plant Record **663/57 x 71**. *Carex otrubae* Podp x *C. remota* L. V.C. 70, Cumberland : St Bee's, Whitehaven. GR 25/95.11b C.C.Haworth. 1979, herb, C.C.H. det, A.O.Chater." Watsonia. **13**, (2), September, 147.
- 1980 Sub-Editor. Plant Report, 1979. Birds in Cumbria : 1979 (published 1980). 44-51. Assn. Nat. Hist. Soc. in Cumbria. [**Arnside Natural History Society**. Information supplied by **Mrs M. Baeker**. (Plants lost : Treacle mustard and Narrow-leaved pepperwort.) Following plants identified : *Fritillaria meleagris*. French cut-leaved Crane's -bill, also a hybrid with *Geranium versicolor*. Hornwort. Keeled garlic. Rare Spring-sedge. Saltmarsh grass (*Puccinellia distans*). Spiked water-milfoil. Whorled clary. Yellow oxalis. **Barrow Naturalist's Field Club and Photographic**

**Society.** Information supplied by Mrs B. Fisher : Canary grass. Circular-leaved water crowfoot. Common pepperwort. Darnel fescue. Hoary pepperwort. Sickie medick. Tree lupin.

C.N.T.R. : **Eskmeals Dunes** : Bee Orchid. Early marsh Orchid. Tree mallow. **Grubbins Wood** : Narrow buckler-fern. Star of Bethlehem. Also the loss of Spring cinquefoil.. **Lancelot Clark**

**Storth** : Fern (*Polypodium australe*). **Eden Field Club** : Information supplied by **Mr E.**

**Hinchcliffe** : Alpine bistort. Danewort. Green spleenwort. Monkshood. Mossy saxifrage.

Northern bedstraw. Orpine. Star-of-Bethlehem. **Flora of Cumbria Project : Plants new to**

**Cumbria** : Balm (*Melissa officinalis*). *Brassica juncea*. Fowtail barley. Hoary mustard.

Hungarian brome. Knotted crane's-bill. Large thyme. Lesser chickweed. *Pathenocissus quinquefolia* . *Polygonum weyrichii* . Polypody hybrid (*Polypodium interjectum* x *P. vulgare*).

Red pondweed. *Rosa multiflora* . *Salix daphnoides*. Sedge hybrid (*Carex otrubae* x *C. remota*).

*Spiraea douglassii*. Tor-grass. Tree Lupin. Wall cotoneaster. Water sedge. **Plants re-found and**

**known from only one locality in Cumbria** : Fine-leaved water dropwort. Fly honeysuckle.

Lesser chickweed. Sedge hybrid (*Carex paniculata* x *C. remota*). **Grange Natural History**

**Society.** Information supplied by Mrs Gunning and Mrs Woodman : Basil thyme. Creeping

yellow-cress. Field penny-cress. Marsh helleborine. Parsley. St. John's wort. Wallflower. Yellow

bird's-nest. **Kendal Natural History Society** : Information Supplied by **D. Edminson,**

**A.F.Gould** and **Mr** and **Mrs Hutcheson**. Bee Orchid. Bog pimpernel. Goldilocks. Herb paris

Marsh arrow-grass. Rue-leaved saxifrage. Shining crane's-bill. Solomons seal. St John's wort.

Sundew. Toothwort. Touch-me-not-balsam. **Keswick Natural History Society** : Information

supplied by **Mrs M. Godfrey** Alpine catchfly. Lesser butter-fly Orchid. **Miscellaneous Records**

: Butterbur (*Petasites hybridus*). Cloudberry. Corn buttercup. Earth-star fungus. Fungus

(*Cantharellus cibarius*). Green hellebore. Old man's beard. Rose (*Rosa multiflora*). White

harebell. Yellow archangel. Yellow star-of- Bethlehem. **West Cumberland** : Hay scented

Buckler fern. Shrubby cinquefoil. Tunbridge filmy-fern.

1981 "Plant Record **423/2** *Cymbalaria pallida* (Ten.), Wettst. V.C. 70, Cumberland : Sandwith.

GR 25/99.15. Loweswater. GR 35/11.22. Both growing on walls. C.C.Haworth, 1979, **herb**, C.C.H. 1<sup>st</sup> and 2<sup>nd</sup> record. First Vice-county records." Watsonia. **13**, (4), August, 337.

1981 "Plant Record **605/9 x 8** *Juncus effusus* L. x *J. inflexus* L. V.C. 70, Cumberland : Lillyhall.

GR 35/00.24. C.C.Haworth, 1980, **herb**, C.C.H, det, C.A.Stace." Watsonia. **13**, (4), August, 340.

1981 "Plant Record **605/amb** *Juncus ambiguous* Goss. V.C. 70, Cumberland : North side of River Esk,

Muncaster. GR 35/11.96. Saltmarsh. C.C.Haworth. 1979, C.C.H, **herb**, C.C.H. det, C.A.Stace." Watsonia. **13**, (4), August, 340.

1981 "Plant Record **687/jub** *Hordeum jubatum* L. V.C. 70 : Cumberland : Silloth. GR 25/99.30.

C.C. Haworth & Mitchell, A.1980, field record, 2<sup>nd</sup> of several records." Watsonia. **13**, (4), August, 344.

1981 Sub-Editor. Plant Report,1980. Birds in Cumbria : Spring 1981. 41-48. Assn. Nat. Hist. Soc. in

Cumbria. [**Arnside Natural History Society**. Information supplied by **Mrs M. Baeker** :

Cypress spurge. Fern hybrid (*Polypodium australe* x *P. vulgare*). Flat-sedge (*Blasmus rufus*).

Grass - Hard Grass (*Parapholis strigosa*). Horsetail (Variegated). Lesser swine-cress. Pearly

everlasting. Sea wormwood. Slender thistle. **Barrow Naturalists' Field Club and**

**Photographic Club**. Information supplied by Mrs Beryl Fisher : Hoary Cress. Martagon lily.

Tasselled hyacinth. Yellow wort. **CNTR** : **Eskmeals** : Pyramidal Orchid. **Flora of Cumbria**

**Report : Plants new to Cumbria** : *Chrysanthemum maximum*. *Cotoneaster simonsii*. Creeping

Ladys Tresses. *Cymbalaria pallida*. Hybrid St. John's wort (*Hypericum maculatum* subspecies

*obtusiusculum* x *H. perforatum*). Rush (Hybrid : *Juncus acutiflorus* x *J. articulatus* and *Juncus*

*effusus* x *J.inflexus*). Toad Rush. **Plants re-found and known from only one locality in**

**Cumbria** : Caraway. Hairy buttercup. Yellow Archangel. Yellow wort. **Foulney** : Sea kale.

Yellow horned-poppy. **Grubbins Wood** : Biting stonecrop. Bittercress (Hairy, *Cardamine*

*hirsuta* and Wavy, *C. flexuosa*). Yellow Flag. **Ivy Crag Reserve** : Tutsan. **Smardale** : Birds nest

Orchid. Brittle bladder fern. Fly Orchid. Horseshoe vetch. South Walney Reserve : Smooth cat's

ear. **Eden Field Club** : Alpine forget-me-not. Blue sowthistle. Broad-leaved ragwort. Danewort.

Perennial cornflower. White butterbur Wood bitter-vetch. **Grange Natural History Society**.

Information supplied by **Mrs Woodman**. Allseed. Alternate- leaved golden-saxifrage. Butterbur.

Meadow saxifrage. Ragwort hybrid (*Senecio aquaticus* x *S. jacobaea*). Sedge : Fingered Sedge.

(*Carex digitata*). and Hybrid sedge : (*Carex hostiana* x *C. lepidocarpa*). Solomon's

seal. Swine-cross. Yellow bartsia. Yellow birds-nest. Yellow Star of Bethlehem. **Miscellaneous**

- : Lichens : *Alectoria nigricans*. *Cladonia rangiferina*. *Peltigera leucophebia*. Wild daffodil (Narcissus pseudonarcissus). **West Cumberland** : Hairy buttercup. Pyramidal Orchid. Rock samphire. Rock sea-lavender. Umbellate hawk-weed.
- 1982 Continuing the saga of the grit piles. Birds in Cumbria : 1982. Assn. Nat. Hist Soc in Cumbria.
- 1982 "Plant Record **72/1** *Diplotaxis muralis* (L.) D.C. V.C. 70, Cumberland : Workington, by River Derwent. GR 35/00.29. C.C.Haworth, 1981, **herb**, C.C.Haworth. 2<sup>nd</sup> record, 1<sup>st</sup> post-1930 record. Watsonia. **14**, (2), November, 188.
- 1982 "Plant Record **526/3** *Anthemis arvensis* L. V.C. 70, Cumberland : Aldoth near Aspatria. GR 35/14. 48. C.C.Haworth, 1981, **herb**, C.C.Haworth. 1<sup>st</sup> post-1930 record." Watsonia. **14**, (2), November, 196.
- 1982 "Plant Record **663/ 8 x 4** *Carex demissa* Hornem x *C. hostiana* DC. V.C. 70, Cumberland : Santon Bridge. GR 35/11.01. A.A.Dudman & C.C.Haworth, 1981, **herb**, C.C.H. First Vice-county record. Watsonia. **14**, (2), November, 198.
- 1982 "Plant Record **683/12 tho**. *Bromus hordeaceus* L. subsp. *Thominii* (Hard) Maire. V.C. 70, Cumberland : Haverigg, Millom. GR 34/15.78. Sand dunes. C.C.Haworth, 1981, **herb**, C.C.H. det. P.M.Smith." Watsonia. **14**, (2), November, 199.
- 1982 "Plant Record **683/14** *Bromus racemosus* L. V.C. 70, Cumberland : Greentrees, near Cockermouth. GR 35/12.27. C.C.Haworth, 1981, **herb**, C.C.H., det. P.M.Smith. Only extant record." Watsonia. **14**, (2), November, 199.
- 1982 Sub-Editor. Plant Report, 1981. Birds in Cumbria : Spring, 1982. 45-48. Assn. Nat. Hist. Soc. in Cumbria. [**Arnside Natural History Society**. Information supplied by **Mrs M. Baeker** : Bird's Nest Orchid. Corn spurrey. Fumitory (*Fumaria capreolata*). Mint (*Mentha spicata*). New Zealand willow herb. Opium poppy. Sea radish. Scotch thistle. Wall rocket. **Eden Field Club** : Alpine forget-me-not. Barberry. Campion (Red and White and hybrids). Columbine (*Aquilegia vulgaris*). Corn Marigold. Evening primrose (Hybrid *Oenothera biennis* x *O. erythrosepala*). Lily of the Valley. Solomon's seal. **CTNC Reserves** : **Barkbooth** : Grass of Parnassus. **Grubbins Wood** : Visit by British Pteridological Society : Hartstongue fern (var 'cornutum'). **Smardale** : Grass (*Melica nutans*). Orchids (Early Purple. Frog. Fly. Fragrant. Butterfly). Rusty-back Fern. **Flora of Cumbria Project** : Blue-eyed Mary. Corn chamomile. Evening primrose. Great brome. Hawkweed (*Heiracium hjeltii*). *Kalmia angustifolia*. Ladies mantle. Lesser Soft-brome. Lysichiton americanus. Mint : (*Mentha arvensis* x *M. spicata*). *Rubus laciniatus*. *R. tuberculatus*. Sedge (Hybrid *Carex demissa* x *C. hostiana*). Slender Soft-brome. Smooth-brome. Wall Rocket. White horehound. Willow (*Salix calodendron*).
- 1983 "Plant Record **72/1**. *Diplotaxis muralis* (L.) DC. V.C. 70, Cumberland : Workington, by River Derwent, GR 35/00.29. Disturbed ground. C.C.Haworth, 1981, **herb**, C.C.H. 2<sup>nd</sup> and only extant record." Watsonia. **14**, (4), August, 420.
- 1983 "Plant Record **708/1** *Alopecurus myosuroides* Huds. V.C. 70, Cumberland : between Ravenglass and Eskdale green. GR 34/11.99 A. Dudman & C.C.Haworth, 1982, **LANC**, herb, C.C.H. Only extant record. Watsonia. **14**, (4), August, pp 433/434.
- 1983 "Plant Record **325/1/3** *Rumex tenuifolius* (Wallr) Love. V.C. 70, Cumberland : Drigg, Ravenglass. GR 34/07.95. Dunes. C.C.Haworth, 1982, **herb**, C.C.H. [Also] between Mungrisedale and Hutton Roof, GR 35/36.32. I. Mortemore, 1982, **LANC**, Conf. D.H.Kent, First and Second Record. New Vice-county record." Watsonia. **14**, (4), August, 425.
- 1983 Sub-Editor. Plant Report, 1982 Birds in Cumbria : Spring, 1983. 52-55. Assn. Nat. Hist. Soc in Cumbria. [**Barrow Naturalists' Field Club and Photographic Society**. Information supplied by **Mrs B. Fisher** : Balm (*Melissa officinalis*). Common broomrape. Coralroot. Cypress spurge. Dark-red Helleborine. Orchid - (*Gymnadenia conopsea*). Rush : *Butomus umbellatus*). Squinancywort. Yellow wort. **CTNC Reserves** : **Drumburgh Moss** : Adder's tongue fern. Twayblades. **Grubbins Wood, Arnside** : (Several unspecified orchids etc). **Smardale** : Sedge (*Carex ornithopoda*). Visit by British Bryological Society recorded two species new to Westmorland :- *Haplomitrium hookeri* and *Fossombronina incurva*. **Eden Field Club**. Alpine forget-me-not. Corn marigold. Dusky cranesbill. Evening primrose (Hybrid). *Hieracium umbellatum*. Mountain Pansy. Spignel me. (Also known as Spignel or Baldmoney). (*Meum athamanticum*). Willows attacked by *Phyllodecta*. **Flora of Cumbria Project** : Black twitch. *Bromus hordeaceus* ssp. *Thominii*. Bullwort (*Ammi majus*). Dock hybrid (*Rumex longifolius* x *R. obtusifolius*). Glassworts (*Salicornia dolichostachya*) and (*Salicornia fragilis*). Grass-leaved Pea. (*Lathyrus nissolia*). Ivy (*Herera colchica*). Polypody (*Polypodium australe*).

- Senecio vernalis*. Sheep's sorrel. *Spiraea douglasii*. Toadflax hybrid (*Linaria pupurea* x *L. repens*). **Miscellaneous observations** : Autumn Lady's Tresses. Bee Orchid. Blue sowthistle. Pyramidal Orchid.
- 1984 Author : Richards, A. J. Field Report : Kindrogan, East Perthshire. 20<sup>th</sup>-24<sup>th</sup> May, 1982. *Watsonia*. **15**, (1), January, 67-68. [Field Study for Taraxacologists - includes reference to Chris Haworth].
- 1984 "Plant Record **325/11 x 12** *Rumex crispus* L x *R. obtusifolius* L. V.C. 70, Cumberland : Whitehaven. GR 25/98.17. Allotment, C.C.Haworth, 1982, **herb**, C.C.H, det, D.H.Kent. New Vice-county record." *Watsonia*. **15**, (2), August, 133.
- 1984 "Plant Record **605/7/amb** *Juncus ambiguus* Guss. V.C. 70, Cumberland : Drigg Dunes. GR 34/06.96. C.C.Haworth. 1983, field record, 2<sup>nd</sup> record. *Watsonia*. **15**, (2), August, 139.
- 1984 Sub-Editor. Plant Report, 1983. Birds in Cumbria : Spring, 1984. 56-61. Assn. Nat. Hist. Soc. in Cumbria. [**Barrow Naturalists' Field Club and Photographic Society**. Information Supplied by **Mrs Beryl Fisher** : Autumn Lady's tresses. Bee Orchid. Blood-drop emlets. Danewort. Hairly buttercup. Marsh Orchid. Mountain everlasting. Ploughman's spikenard. Sheep's sorrel. Tuberous vetchling. **CTNC Reserves** : **Eskmeals** : Bog pimpernell. Common skullcap. Less centaury. Pyramidal Orchid. Viper's bugloss. **Grubbins Wood, Arnside**. Adders tongue fern. Beech fern. Rigid buckler fern. Yellow mountain fern. **Smardale** : Birds-nest Orchid. Fly Orchid. Frog Orchid. **Eden Field Club** : Cowslips. False oxlip. Fringe cups. Toothwort. Woundwort. **Flora of Cumbria Project** : Bluebell (*Hyacinthoides hispanica*). Dock (Hybrid *Rumex crispus* x *R. obtusifolius*). Field mouse-ear chickweed. Golden Rod (*Solidago graminifolia*). Grey poplar. Hairly medick. Hybrid horsetail (*Equisetum hyemale* x *E. variegatum*). Laburnum (*Laburnum alpinum*). Marsh clubmoss. Silky apera. Slender sheep's Sorrell. Water dropwort. Willow (*Salix daphnoides*). **Notes from individual correspondents** : Angular Solomon's Seal. Birds-eye primrose. Bird's-nest Orchid. Coralroot. Dark-red Helleborine. *Dichodontium flavescens*. *Dicranum tauricum*. Field gentian. Globeflower. *Grimmia anodon*. Horseshoe vetch. Mountain everlasting. Royal fern. Sea kale. Sea plantain. Sedge (*Carex dioica*). Tassle hyacinth. Viviparous knotgrass. Yellow-horned poppy.
- 1985 Sub-Editor. Flora of Cumbria Project, 1984. Birds in Cumbria : Spring 1985. 56-57. Assn. Nat. Hist. Soc in Cumbria. [Bramble (*Rubus rhombifolius*). Graden Arabis. Garlic (*Allium carnatum*). Pernettya].
- 1985 Sub-Editor. Plant Report, 1984. Birds in Cumbria : Spring, 1985. 53-57. Assn. Nat. Hist. Soc. in Cumbria. [**Barrow Naturalist's Field Club and Photographic Society**. Information supplied by **Mrs B. Fisher** :- Acrid lettuce. Adder's-tongue fern. Alternate-leaved golden saxifrage. Doves-foot cranesbill. Lemon balm. Opium poppy. Oregon grape. Slender centaury. **CTNC** : **Smardale Reserve** : Birds-nest Orchid. Fly Orchid. **Eden Field Club** : Bird's-nest Orchid. Common butterbur. Cowwheat. Dyers Greenweed. Greater Butterfly Orchid. Marsh Hawksbeard. *Petasites albus*. *Petasites japonicus*. Petty whin. Sowthistle, (Prickly and Perennial). Star of Bethlehem. White deadnettle. **Notes from Individual Correspondents** : Autumn Lady's Tresses. Bee Orchid. Coralroot. Grass (*Melica nutans*). Green Winged Orchid. Hybrid Orchid (*Cactylorhiza incarnata* x *D. majalis* ssp. *Purpurella*). Sedge - (*Carex capillaris*). Water figwort. White melilotus. **West Cumberland Botanists' Group**. Bee Orchid. Greater Butterfly Orchid. Oyster plant. Spearwort.
- 1986 Joint Author : Richards, A.J. Recent advances in the study of Taraxacum. *Watsonia*. **16**, (2), July, 223.
- 1986 Joint Author : Rundle, A.J. An annotated list of British and Irish Dandelions (As at 1<sup>st</sup> January, 1986). Privately Printed.
- 1988 Dandelions. Birds in Cumbria, Spring 1988. 53-55. Assn. Nat. Hist. Soc in Cumbria.
- 1988 "Plant Record **400 /1 x 4** *Myosotis scorpioides* L. x *M. caespitosa* K.F.Schultz. V.C. 70, Cumberland : Parkside, Frizington. GR 35/02.15. Marshy field. C.C.Haworth, 1986, **LANC**, det, P.M.Benoit. New Vice-county record. *Watsonia*." **17**, (2), July, 191.
- 1988 "Plant Record **607/11** *Allium paradoxum* (Bieb) G. Don. V.C. 70, Cumberland : near Blennerhasset. GR 35/16.40. Roadside. C.C.Haworth, 1986, **LANC**. Second record." *Watsonia*. **17**, (2), July, 195.
- 1989 "Plant Record **387/1** *Nymphoides peltata* (S.G.Gmelin) Kuntz see : Dudman, A, 1989."
- 1989 "Plant Record **400/4x1** *Myosotis caespitosa* K.F.Schaltz x *M. scorpioides* L. V.C. 70, Cumberland : Frizington. G.R. 35/02.15. Marshy field. C.C.Haworth. 1986, **LANC**, det, P.M.Benoit. New Vice-county record." *Watsonia*. **17**, (4), August, 475.

- 1990 Author : Dudman, A. Christopher C. Haworth, 1934-1989. *Watsonia*. **18**, (2), August, 240-242.
- 1990 Author : Halliday, G. C.C. Haworth's contribution to the Flora of Cumbria. *Watsonia*. **18**, (2), August, 242.
- 1990 Six native species of *Taraxacum* new to the British Isles. *Watsonia*. **18**, (2), August, 131-138.
- 1990 The lectotypification and revision of Dahlstedt's species of *Taraxacum* Weber based on British or Irish plants. *Watsonia*. **18**, (2), August, 125-130.
- 1994 Authors : Dudman, A. A and Richards, A. J. Seven new species of *Taraxacum* Wigg. (Asteraceae), native to the British Isles. *Watsonia*. **20**, (2), August, 119-132. [Includes a description of : *Taraxacum haworthianum*, named in honour of Christopher C. Haworth].
- 1997 Author : Ellis, R. Gwynn. Dandelion Handbook Launch. BSBI News. **76**, September, 82. [Reporting the launch of a new BSBI Handbook. The item includes a tribute to Chris Haworth. It includes a photograph of Bertha Haworth, Andrew Dudman and John Richards at the Launch on the 22<sup>nd</sup> May, 1997].
- 1999 Reviewer : Halliday, G. A Review of Dandelions of Great Britain and Ireland. BSBI Handbook No 9. A.A.Dudman and A.J.Richards. Edited by P.H.Oswald. BSBI. 1997. 0 901158 25 9. *Watsonia*. **22**, (4), August, 436. [Reference to C.C.Haworth].
- 2002 Authors : Halliday, G and Richards, A.J. Andrew A. Dudman (1930-2001) : an obituary. *Watsonia*. **24**, (2), August, 268. [Reference to C.C.Haworth].
- 2008 Author : Richards, John. The National *Taraxacum* Collection. BSBI News. **108**, April, 27. [Reference to Chris Haworth].

#### **HAWORTH, E. Y.**

- 1969 The diatoms of a sediment core from Blea Tarn, Langdale. *J. Ecol.* **57**, (2), 429-439.
- 1972 Joint Authors : Pennington, W., **Haworth, E.Y.**, Bonny, A.P & Lishman, J.P. Lake sediments in Northern Scotland. *Phil. Trans. R. Soc. (B)*. **264**, 861. 191-294.
- 1974 Some problems of diatom taxonomy in Scottish lake sediments. *Br. Phycol. Jnl.* **9**, 47-55.
- 1975 A scanning electron microscope study of some different fustule forms of the genus *Fragilaria* found in Scottish late-glacial sediments. *Br. Phycol. Jnl.* **10**, 73-80.
- 1976 The changes in the composition of the diatom assemblages found in the surface sediments of Blelham Tarn in the English Lake District during 1973. *Ann. Bot.* **40**, (170), 1195-1205.
- 1976 Two late-glacial (Late Devensian) diatom assemblage profiles from Northern Scotland. *New Phytol.* **77**, 227-56.
- 1977 The sediments of Lake George (Uganda). **5**. The Diatom assemblages in relation to the ecological history. *Arch. Hydrobiol.* **80**, 200-215.
- 1979 The distribution of a species of *Stephanodiscus* in the recent sediments of Blelham Tarn, English Lake District. *Nova Hedwigia Beiheft.* **64**, 395-410.
- 1980 Comparison of continuous phytoplankton records with the diatom stratigraphy in the recent sediments of Blelham Tarn. *Limnol. Oceanogr.* **25**, 1093-1103.
- 1981 A note concerning Grunow's *Stephanodiscus hantzschii*. **In :-** *Florilegium Florinis Dedicatum, Striae*. **14**, 191-221.
- 1984 Stratigraphic changes in algal remains (diatoms and chrysophytes) in the recent sediments of Blelham Tarn, English Lake District. **In :-** *Lake Sediments and Environmental History*. Eds Haworth, E.Y and Lund, J.W.G. Leicester University Press, 165-190.
- 1984 Joint Author : Allen, P.V. Temporary changes in the composition of a postglacial diatom profile from Ullswater. *Proc. 7<sup>TH</sup> Int. Diatom Symposium (Philadelphia 1982)*. Edited by D.G.Mann. 431-442. Koeltz, Koenigstein.
- 1984 Joint Author : Lund, John W.G. editors. Lake sediments and environmental history : studies in Palaeolimnology and Palaeoecology in honour of Winifred Tutin. Leicester University Press. 0-7185-1220-0.
- 1984 Stratigraphic changes in algal remains (Diatoms and Chrysophytes) in the recent sediments of Blelham Tarn, English Lake District. **In :-** *Lake sediments and environmental history*. Edited by E.Y.Haworth and J.W.G.Lund. 165-190. Leicester University Press.
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- 1996 Author : Hewitt, Stephen M. T.C.Heysham (1792-1857). Carlisle Natural History Society - the first hundred years. **In :-** Transactions of the Carlisle Natural History Society. **12**.107-125.
- 2002 Thomas Coulthard Heysham. **In :-** Ratcliffe, D.A. Lakeland - the wildlife of Cumbria. Harper Collins. 000 711303 X.
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- 2009 Authors : Hancock, E. Godfrey., Dobson, Ronald & Williams, James. The Reverend William Little (1797? - 1867), a preliminary account of his entomological activities. Trans. Dumf & Gall. Nat. Hist & Antq Soc. 3<sup>rd</sup> Series, **83**, 5-16. [Reference to the frequency of his correspondence with Thomas Coulthard Heysham. 1792-1857 - Carlisle].

#### **HICKIN, N. E.**

- 1941 Some records of Trichoptera in the Lake District. Ent. mon. Mag. **77**, 252-253.
- 1955 Larvae of the British trichoptera. **50**. *Phryganea obsoleta* McLachlan and **51** *Phryganea striata* L. (Phryganeidae). Proc. R. ent. Soc. Lond (A), **30**, Series A. (4-6). Pp55-58. [Locations 50 - Grisedale Tarn and 51 - Clay Pond, nr Wray Castle, Lake Windermere].

#### **HICKLING, R. A. O.**

- 1954 The wintering of Gulls in Britain : a report to the British Trust for Ornithology. Bird Study. **21** (4), December, 129-148. [Contains information relevant to Westmorland and Cumbria].
- 1977 Inland wintering of Gulls in England and Wales, 1973. Bird Study. **24**, (2), June, 79-88. [Appendix 2. List of inland roost sites includes : Cumberland - Crummock Water. Talkin Tarn. Wastwater. Westmorland - Haweswater. Killington Reservoir. Ullswater. Windermere].

#### **HICKS, Martin.**

- 2006 Horns of a dilemma. Cumbria. **56**, (2), May, 22-25.[Rising Deer populations in Cumbria].

#### **HIGGIN, George.**

- 1971 Author : Overy, H. L. George Higgin : one of the first members of the Trust. L.D.N.T, Newsletter. 18, October, 26.

#### **HILL, David.**

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- 1992 The Road from Rio. Cumbrian Wildlife. **34**, August, 3.
- 1992 The Water-cycle re-visited. Cumbrian Wildlife. **33**, April, 12.
- 1993 A strong sense of place.(Conservation organisations in Cumbria). Cumbrian Wildlife. **37**, August, 3.
- 1993 Keeping water wildlife on the brain. Cumbrian Wildlife. **36**, April, 3.
- 1994 Brian Redhead : an obituary. Cumbrian Wildlife. **39**, April, 3.
- 1998 Kathleen G. Crysell : an obituary. Cumbrian Wildlife. **52**, October, 18.
- 1989 The Challenge of the nineties.(Environment). Based on the Directors address to the A.G.M. 20<sup>th</sup> May, 1989. Grasmere. Cumbrian Wildlife. **25**, (n.s), September, 3.

- 2006 East and West join forces [with] Red Alert North England. Cumbrian Wildlife. **74**, January, 24.  
[Red Squirrel].

**HILL, Dennis.**

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**HILL, Lawrence.**

- 1994 The wings of a Dove. (Dovecotes in Cumbria). Cumbria Life. **37**, November-December, 2-3.

**HILTON, J.**

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1993 Joint Authors : Elliott, J.M. Elliott, J.A. Sources of variation in post Chernobyl radiocaesium in Brown Trout *Salmo trutta*., and Arctic Charr, *Salvinus alpinus* (L.), from six Cumbrian Lakes. (North-West England). Annls Limnol. **29**, 79-98.

**HINCHCLIFFE, Dorothy.**

- 1968 Spignel meu (*Meum athamanticum*), near Tebay. The Field Naturalist. **13**, (n.s), (2), 47.  
1974 Eden Vale re-discovered. (A brief history of the Eden Field Club). Cumbria. **23**, (12), 660-661.  
1975 Horse hoof fungus (*Formes formentarius*). Natural History in Cumbria, 1974. 28. Assn of Cumbria Nat. Hist. Soc.  
1976 Insect Report : 1975. Eden Field Club. Records submitted by Hinchcliffe, Dorothy. Natural History in Cumbria, 1975-76. 77-78. Assn Cumbria Nat. Hist. Soc.  
1976 Plant Report : 1975. Eden Field Club. Submitted by Hinchcliffe, Dorothy. Natural History in Cumbria, 1975-76. 41. Assn. Cumbria Nat. Hist. Soc.  
1978 German Wasp (*Vespa germanica*) at Appleby. (Insect Report). Birds in Cumbria, 1977-78. 44. Assn. Nat. Hist. Soc in Cumbria.  
1979 Danewort. Birds in Cumbria : 1978. 43. Assn. Nat. Hist. Soc. in Cumbria. (Also known as Dwarf Elder (*Sambucus ebulus*)). [Location : Howgill Fells].  
1979 Plant Report : 1978. Eden Field Club. Submitted by Hinchcliffe, Dorothy. Birds in Cumbria, 1978. 46-47. Assn. Nat. Hist. Soc in Cumbria.  
1980 Plant Report : 1979. Eden Field Club. Submitted by Hinchcliffe, Dorothy. Birds in Cumbria, 1979. 46. Assn. Nat. Hist. Soc in Cumbria.  
1981 The Grit piles of Cumbria. Birds in Cumbria : 1980. 56. Assn Nat. Hist. Soc. in Cumbria. [Plant Aliens : *Equisetum arvense*. *Oenothera*. *Papaver rhoeas*. *Polygonum aviculare*].  
1981 .... and some have creamy tails. (Red Squirrels). Birds in Cumbria : 1980. 64-65. Assn. Nat. Hist. Soc. in Cumbria.  
1981 The Westmorland Herb (Spignel Meu, *Meum athamanticum*). Birds in Cumbria : 1980. 48. Assn. Nat. Hist. Soc. in Cumbria.  
1982 Continuing the saga of the grit piles. Birds in Cumbria : Spring, 1982. 68. Assn. Nat. Hist. Soc. in Cumbria. [Species include : *Atriplex hastata*. *Cakile maritima*. *Hesperis matronalis*. *Malva moschata*. *Melilotus officinalis*. *M. alba*. Mugwort (*Artemisia vulgaris*). *Oenothera*., *O. x fallax*, (*O. biennis* x *erythrosepala*)].  
1984 Joint Author : Hinchcliffe, E. Bees. (Fatalities and Lime Tree Blossom). Birds in Cumbria : Spring, 1984. 66. Assn. Nat. Hist. Soc. in Cumbria.  
1984 Joint Author : Hinchcliffe, E. Beetles (*Phyllodecta vitellinae*) and food source Goat Willow. Birds in Cumbria : Spring, 1984. 66-67. Assn. Nat. Hist. Soc. in Cumbria.  
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1986 Old Records (Botanical). Birds in Cumbria : Spring 1986. 47-49. Assn. Nat. Hist. Soc in Cumbria. 50. [Carline Thistle. Dusky Cranesbill. Goldilocks. Sand Garlic. Wall Pellitory].  
1986 Sub-Editor. Orchid List, 1985. Birds in Cumbria, Spring 1986. 47-49. Assn. Nat. Hist. Soc in Cumbria. [Autumn Lady's Tresses. Bee Orchid. Birds Nest Orchid. Bog Orchid. Common Helleborine. Common Twayblade. Coral-root Orchid. Creeping Lady's Tresses. Dactylorhiza. Dark Red Helleborine. Dune Helleborine. Dwarf Orchid. Early Marsh Orchid. Early Purple Orchid. Fly Orchid. Fragrant Orchid. Frog Orchid. Greater Butterfly Orchid. Green-flowered Helleborine. Green-winged Orchid. Lesser Butterfly Orchid. Lesser Twayblade. Marsh Helleborine. Pyramid Orchid. Small White Orchid].

- 1986 Sub-Editor. Plant Records : 1985. Birds in Cumbria, Spring, 1986. 46-51. Assn. Nat. Hist Soc in Cumbria. [ **Barrow Naturalists' Field Club** : Information supplied by Beryl Fisher :- Adders Tongue. Arrow-grass. Bloody Cranesbill. Blotched Monkeyflower. Blue Fleabane. Blue Sowthistle. Corn Marigold. Crow Garlic. Dittander. Dovesfoot cranebill (*G. Molle*). Dusky Cranesbill. Isle of Man Cabbage. Opium Poppy. Pink Purslane. Prostrate White Milkwort. White Star of Bethlehem. **Cumbria Trust for Nature Conservation** : Information Supplied by J. Mashiter (Grubbins Wood Reserve) :- Common Centaury. Square-stalked St. John's Wort. Zigzap Clover. From **Ron Baines (Smardale)** : *Carex capillaris*. Common Wintergreen. Common Gromwell. Figwort. Nodding Meadowgrass. Trees : Spindle. Dogwood. Purging Buckthorn. **Kit Lord (Waitby)** :- Hedge Bedstraw. Lady's Bedstraw and hybrids. Notes from individual correspondents :- Viola canina. White Melilot. Yellow Birdsnest. Yellow Melilot. **Keswick Natural History Society** : Information supplied by Linda Renicke : Alpine Catchfly. Forked Spleenwort. Meadow Saxifrage. Long-leaved Sundew. Oblong-leaved Sundew.
- 1987 Sub-editor : Orchids in Cumbria. Birds in Cumbria, 1986. 47, Assn. Nat. Hist. Soc in Cumbria : Marsh Helleborine. Broad-leaved Helleborine. Dune Helleborine. Dark Red Helleborine Autumn Lady's Tresses. Common Twayblade. Lesser Twayblade. Birdsnest Orchid. Creeping Lady's Tresses. Bog Orchid. Coralroot. Frog Orchid. Fragrant Orchid. Small white Orchid. Great Butterfly Orchid. Lesser Butterfly Orchid. Bee Orchid. Fly Orchid. Green-winged Orchid. Early Purple Orchid. Pyramidal Orchid. Common Spotted Orchid. Heath Spotted Orchid. Northern Marsh Orchid. Hybrids : *Dactylorhiza maculata x purpurella*. *Dactylorhiza incarnata ssp. pulchella*. *Orchis ustulata mascula x morio*.
- 1987 Sub- Editor. Plant Report : 1986. Birds in Cumbria : Spring, 1987. 45-48. Assn. Nat. Hist. Soc. in Cumbria. [Records include :- Submitted by **Beryl Fisher** : Adders Tongue. Alternate-leaved Golden Saxifrage. Creamy Butterbur. Deadly Nightshade. Dune Lettuce. Grass of Parnassus. Herb Paris. Limestone Polypody. Melilots. Musk Mallow. New Zealand Willowherb. Ploughman's Spikenard. Sand Leek. Solomon's Seal. Spring Squill. Vipers Burgloss. Welled Thistle. Wild Basil. Wintergreen. Submitted by : **Linda Reinecke** :- Alpine Catchfly. Alpine Lady's Mantle. Alpine Sawwort. Dwarf Willow. Sea Champion. Shrubby Cinquefoil. Submitted by J. Mashiter :- Black Spleenwort. Marsh Woundwort. A Fragrant Comment :- Ploughman's Spikenard (*Inula conyza*). Squinancywort. (*Asperula cyanchica*).
- 1987 The continuing story of *Goodyera repens*, Creeping Lady's Tresses. Birds in Cumbria : Spring, 1987. 48. Assn Nat. Hist. Soc. in Cumbria.
- 1988 Sub-Editor : Plant Report. Birds in Cumbria : 1987. 50-55. **Flora of Cumbria Project**. (Items submitted by Geoffrey Halliday) : Canadian Fleabane. Casual resembling Hog's Fennel. Chaffweed. Chickweed Wintergreen. Cypress Spurge. Dutch Yellow Crocus. Erect-spiked Red Currant. Hairy Rocket. Hornwort. Lamb's ear Champion. Legume from Southern Europe. Long-stalked Pond Weed. Milk Vetch. Mock Orange. Sandwort. Shaster Daisy. Skunk cabbage. Smooth Cat's ear. Soft Rush Hybrid. Tufted Forget-me-not. Umbrella Plant. Wall whitlow-grass. Yellow anemone.
- 1988 Keep your eyes open : Molluscs's (Pea-shell Cockle, Orb-shell Cockle). Birds in Cumbria : Spring 1988. 71. Assn. Nat Hist Soc in Cumbria. [Information supplied by Elisabeth Taylor of Eden Field Club].
- 1988 Sub-Editor. Orchid Report : 1987. Birds in Cumbria : Spring, 1988. 49-50. Assn. Nat. Hist. Soc in Cumbria. [Records include : Autumn Lady's Tresses. Bee Orchid. Bird's nest Orchid. Bog Orchid. Common Helleborine. Common Spotted Orchid. Common Twayblade. Coral-root Orchid. Creeping Lady's Tresses. Dark Red Helleborine. Dune Helleborine. Dwarf Orchid. Early Marsh Orchid. Early Purple Orchid. Fly Orchid. Fragrant Orchid. Frog Orchid. Greater Butterfly Orchid. Green-flowered Helleborine. Green-winged Orchid. Heath Spotted Orchid. Lesser Butterfly Orchid. Lesser Twayblade. Marsh Helleborine. Marsh Orchid. Narrow-leaved Orchid. Narrow-leaved Marsh Orchid. Northern Fen Orchid. Pyramid Orchid. Small White Orchid].
- 1988 Sub-Editor. Plant Report : 1987. Birds in Cumbria : Spring, 1988. 46-51. Assn. Nat. Hist. Soc. in Cumbria. Plant Reports include : (**Sunbiggin Tarn** - John Atkins) Adders Tongue. Binks. Birds-eye Primrose. Bog Asphodel. Limestone Bedstraw. Marsh Arrowgrass. Marsh Willowherb. Salad Burnet. Wild Thyme. **Eden Field Club** - Verges and Danewort protection. Appleby Location : Creeping Cinquefoil. Avens (*Geum urbana x G. rivale*). Perennial Flax. Flax. Greenodd - Corn Marigold. Loss of *Linum usitatissimum*. Location : Stainmore - Alpine Bistort. Birds-eye Primrose. Biting Stonecrop. Frog Orchid. Golden Saxifrage. Goldilocks. Herb

Paris. Hoary Whitlow Grass. Horse Radish. Meadow Saxifrage. Moonwort. Moschatel. Mossy Saxifrage. Sea Plantain. Rockrose. Thyme-leaved Speedwell. Twisted Whitlow Grass. Wall Whitlow Grass. Wild Arum. Wall Speedwell. **Lake District Mountains** : Alpine Cinquefoil. Apple Saw-wort. Birds-eye Primrose. Bladderwort. Lesser Mountain Rue. Lesser Twyblade. Moss Champion. Mountain Avens. Mountain Everlasting Mountain Sorrel. Northern Bedstraw. Purple Saxifrage. Rose-root. Starry Saxifrage. Three-flowered Rush. **Arnside, Solway and other locations** : Chaff-weed. Deadly Nightshade. Dyers Greenweed. Field Pennycress. Grass of Parnassus. Himalayan Balsam. Martagon Lily. Meadow Saxifrage. Melancholy Thistle. Petty Whin. Rays Knotgrass. Spiked Speedwell. Toothwort. Water Fern (now gone). White-flowered Daphne. White Star of Bethlehem. Woundwort (Hybrid). Yellow Birds-nest. Yellow Broomrape. Yellow Star of Bethlehem. **West Coast and Barrow**. Alkanet. Black Currant. Bog Rosemary. Corn Marigold. Cowslip. Double-flowered Lady's Smock. Duke of Argyll's Tea Tree. Dusky Cranesbill. Evening Primrose. Everlasting Pea. False Oxslip. Giant Horsetail. Haretail. Henbit. Herb Paris. Lily of the Valley. Loosestrife. *Lysichiton americanum*. Moonwort. Mullien. Oregon Grape. Penny Cress. Prostrate Juniper. Royal Fern. Sand Leek. Sea Beet. Sea Kale. Sea Radish. Tassel Hyacinth. Toothwort. Touch-me-not. Tuberous Comfrey. White Early Purple Orchid. White scented Violet. Yellow Archangel. Yellow Horned Poppy.

**[Records submitted by** : John Atkins. Jonathan Atkins. Beryl Fisher. Michael Foley. Dorothy Hinchcliffe. Bill Jydd. John Mounsey. Mike Porter. Lina Reinecke. Elisabeth Taylor. Charles & Margaret Webb]

1989 Plant Report. Birds in Cumbria. Spring 1989. Assn Nat. Hist. Soc in Cumbria. Reports for 1988.

Aliens : Cotoneasters. Dames Violet. False Acacia. Lupins. Medlar. Tassel Hyacinth. **Arnside and surroundings** : Adders Tongue. Beech Fern. Corn Spurry. Herb Paris. Large Hemp-nettle. Limestone Polypody. Meadow Saxifrage. Oak Fern. Sea Lavender. Sweet Briar. Toothwort. Yellow Star of Bethlehem. Trees : Small-leaved Lime. Wild Service Tree. **Cumbrian Coast** : Alder Buckthorn. Birds-eye Primrose. Deadly Nightshade. Dutch Rush. Giant Bellflower. Globe Flower. Greater Horsetail. Horseshoe Vetch. Nodding Bur-marigold. *Osmunda regalis*. Pepper Saxifrage. Rest Harrow (White Form). Sand Leek. Seakale. Sea Spleenwort. Trifid Bur-Marigold. Violas (Five Varieties). White Bryony. **Flora of Cumbria Project** : List of plants submitted by Geoffrey Halliday :- *Anemone ranunculoides*. *Hypericum x forrestii*. *Lychnis coronaria*. *Geranium x magnificum*. *Oxalis exilis*. *Mespilus germanica*. *Crassula helmsii*. *Peltiphyllum peltatus*. *Oenothera novae-scotica*. *Nymphoides peltata*. *Myosotis scorpioides x caespitosa*. *Mentha spicata longifolia*. *Galeobdolon argentatum*. *Echinops sphaerocephalus*. *Hypochaeris glabra*. *Crepis setosetosa*. *Carex divulsa*. *Polystichum setiferum x ac*.

**Help** : Requests for information from Geoffrey Halliday about : Bog Pimpernel (*Anagallis tenella*) and Perennial Flax (*Linum anglicum*). **Kendal and surroundings** : Agrimony. Bog Asphodel. Bogbean. Bog Rosemary. Carline Thistle. Columbine. Globe Flower. Grass of Parnassus. Herb Paris. Hornbeam. Lily of the Valley. Pink Purslane. Ploughman's Spikenard. Ragged Robin. Spindle. Sweet Briar. Travellers Joy. Twayblade. Welsh Poppy. Orchid List : Autumn Ladies Tresses. Bee Orchid. Birds-nest Orchid. Bog Orchid. Common Helleborine. Common Spotted Orchid. Common Twyblade. Coral-root Orchid. Creeping Ladies Tresses. Dark Red Helleborine. Dune Helleborine. Dwarf Orchid. Early Marsh Orchid. Early Purple Orchid. Fly Orchid. Fragrant Orchid. Frog Orchid. Greater Butterfly Orchid. Green-flowered Helleborine. Green-winged Orchid. Heath Spotted Orchid. Lesser Butterfly Orchid. Lesser Twayblade. Marsh Helleborine. Marsh Orchid. Narrow-leaved Helleborine. Narrow-leaved Orchid. Northern Fen Orchid. Pyramid Orchid. Small White Orchid. **North Cumbria, Lowland**. Bladder Campion. Butchers Broom. Chickweed Wintergreen. Clustered Bellflower. Crow Garlic. Dusky Cranebill. Evening Primrose. *Gagea lutea*. Golden Saxifrage. Great Knapweed. Herb Paris. Kidney Vetch. Small Burgloss. Small-fingered Sedge. Toadflax. Toothwort. White Campion. Wild Celery. Yarrow Broomrape. Yellow Archangel. Yellow Star of Bethlehem. **North Cumbria. Pennines** : Alpine Cinquefoil. Alpine Forgetmenot. Birds-eye Primrose. Golden Rod. Grass of Parnassus. Great Sundew. Hoary Whitlow-grass. Marsh Arrowgrass. Mountain Everlasting. Oblong-leaved Sundew. Pink Purslane. Roseroot. Spring Gentian. Spring Sandwort. Starry Saxifrage. Three-flowered Rush. White-beaked Sedge. Yellow Marsh Saxifrage. **Rise and Fall of Plant Populations** : Basil Thyme. Birdsfoot. Cranberry. Danewort. Fleabane. Heath Cudweed. Lucerne. Narrow-leaved everlasting Pea. Pale Toadflax. Purple Broomrape. Pyramidal Orchid. Spiguel Meu. Stagshorn Clubmoss. **Weathering and Flowering** : Goldilocks. Green Hellebore. Stinking Hellebore.

Winter Heliotrope. Also mentions the sub-editors possession of a Nature Notebook (1910-1915) by James Sagar of Kirkby Stephen. **Records Submitted by** : Jonathan Atkins. Sheila Cartwright. Roderick Corner. Tim Dean. Beryl Fisher. Mike Foley. Geoffrey Halliday. A.A.Marshall. Judy Naylor. Mike Porter. Anne Riddell. Charles and Margaret Webb. Terry Wells. Audrey Wilson.

- 1991 Enclosure hedges. Sanctuary. **20**, 30.
- 1994 Enclosure Hedges and the Old Apples. Birds in Cumbria : 1993. 86. Cumbria Naturalists Union.
- 1994 Sub-Editor. Plant Report : 1993 Birds in Cumbria 1993. 82-86. Cumbria Naturalists Union.
- 1997 Anon. Woman who served the community of Eden Valley in many roles. [Dorothy Hinchcliffe]. The Herald. 25<sup>th</sup> October, 16.

#### **HINCHCLIFFE, Edgar**

- 1979 Foreword. Birds in Cumbria : 1978. 2. Assn Nat. Hist. Soc. in Cumbria.
- 1980 Foreword. Birds in Cumbria : 1979. 2. Assn. Nat. Hist. Soc. in Cumbria.
- 1981 Foreword. Birds in Cumbria : 1980. 2. Assn. Nat. Hist. Soc. in Cumbria.
- 1982 Foreword. Birds in Cumbria publication : a brief outline of its emergence within the County. Birds in Cumbria : Spring, 1982. 2. Assn Nat. Hist. Soc in Cumbria.
- 1983 Foreword. Birds in Cumbria : Spring, 1983. 5. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Bees and Lime Tree's. Birds in Cumbria : 1984. 66. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Foreword Birds in Cumbria : Spring :1984. 5. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Joint Author : Hinchcliffe, D. Bees. (Fatalities and Lime Tree Blossom). Birds in Cumbria : Spring, 1984. 66. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Joint Author : Beetles (*Phyllodecta vitellinae*). Birds in Cumbria : Spring, 1984. 66-67. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Leaf Beetle (*Phyllodecta vitellinae*). Birds in Cumbria : 1984. 66-67. Assn. Nat. Hist. Soc. in Cumbria.
- 1985 Foreword. Birds in Cumbria : Spring 1985. 4. Assn. Nat. Hist. Soc. in Cumbria.
- 1986 Anon. Edgar Hinchcliffe : an obituary. Birds in Cumbria : 1986. **63**. Association of Nat. Hist Soc in Cumbria.
- 1997 Author : Anon. Dorothy Hinchcliffe - Woman who served the community of Eden Valley in many roles. The Herald. 25<sup>th</sup> Oct. 16.

#### **HINCKS, W. D.**

- 1935 Ephemeroptera in the Lake District. Soc. Brit. Ent. J. **1**, (3), 74-75.
- 1936 Chironomidae (Diptera) from Grisedale Tarn, Westmorland. Soc. Brit. Ent. J. **1**, (6), 151-153.
- 1950 Notes on some British Mymaridae (Hym). Trans. Soc. Brit. Ent. **10**, (4), October, 167-207. [Records for Cumberland and Westmorland].
- 1954 Harry Britten : an obituary. Journal of the Society for British Entomology. **4**, (1), 225-228.
- 1959 Some additions to the British Mymaridae (Hym., Chalcidoidea). Ent. mon.Mag. **95**, September, 210-26. [Includes specimens captured by H. Britten, at Skirwith, Cumberland].
- 1959 Additions to the insect records of Lancashire and Cheshire Fauna Committee. 31<sup>st</sup> Report and Reports of the recorders for 1957-58. 77-85. [Numerous records for Brathay].

#### **HIND, Chris.**

- 2008 Field Trip to Foulney Island. Cumbria Bird Club, Bird News. **19**, (2), Summer, 42.
- 2009 International Gulls Meeting. Aberdeen, 2009. Cumbria Bird Club. Bird News. **20**, (3), Autumn, 65-67.
- 2010 Seawatch SW 2009. Cumbria Bird Club, Bird News. **21**, (1) : Spring, 16-18. [Cornwall].

#### **HINDE, A.**

- 1963 Joint Authors : Williams, B.R.H., Perkins, E. J. Some preliminary results of an investigation of the food of fish in the Solway. Trans. Dumfr. Gall. Nat. Hist. Soc. **40**, 60-74.

#### **HINDE, J. D.**

- 1978 "Plant Record 646/1. *Acorus calamus* L. V.C. 70. Cumberland : Brigham, Cockermouth. G.R. 35/08.31. J.D.Hind., 1949 field record. 1977 specimen **herb** R.S." Watsonia. **12**, (2), August, 178. 1978." [See Also : Stokoe, Ralph. 1978].

#### **HINDE, John Hodson.**

- n.d. Collection of 200 sheets of Cumberland plants. Donated to Tullie House Museum, Carlisle. Department of Natural Sciences Herbarium.

#### **HINDE, R. A.**

- 1938 Early Fieldfare in Cumberland. British Birds. **32**, 279. [Location : Langdale. 15<sup>th</sup> August, 1937].

#### **HINDLE, David.**

- 2007 Joint Author : Wilson, John. Bird watching walks around Morecambe Bay. Palatine Books.  
**HINDMARSH, Ken.**  
 1988 Foulney Island Reserve. C.T.N.C, Newsletter. **22**, (n.s), August, 8.  
 1996 [Rare] Bird of the Day. [A Cumbrian list to celebrate the publication of Rare Birds - day by day]. Cumbria Bird Club, Bird News. **7**, (3), 66-68.  
 1997 Foulney Stringers? [Features a quote from F.S. Mitchell - The Birds of Lancashire. 1892]. Cumbria Bird Club, Bird News. **8**, (1), 7.  
 2005 Commercial bird netting on our estuaries. Cumbria Bird Club, Bird News. **16**, (3), 66-67.  
 2005 Joint Author : Fowler, Jim. Walney Ringers on Bardsea Island. Cumbria Bird Club, Bird News. **16**, (3), 64.  
 2006 Albino Nuthatch chicks at Roudsea Wood N.N.R. Cumbria Bird Club, Bird News. **17**, (2), 39.  
 2006 Duddon and Roudsea - nest box contents. Bird News, Cumbria Bird Club. **17** (4), 98.  
 2006 Joint Author : Fowler, Jim Cumbria Birders down under. Cumbria Bird Club, Bird News. **17**, (4), 105-106.  
 2006 Sand Martin bank at South Walney. Cumbria Bird Club, Bird News. **17**, (1), 21.  
 2009 Four Cumbrian ringers suffer for their art. Cumbria Bird Club. Bird News. **20**, (4), Winter, 106. [Location : Isle of May. Species recorded included Yellow Browed Warbler and early Brambling].  
 2009 Twite longevity record. Cumbria Bird Club. Bird News. **20**, (3), Autumn, 69.  
 2010 Cavendish Dock : a unique environment. Cumbria Bird Club. Bird News. **21**, (4), Winter, 103.  
 2010 *Dendrocopus piraticus* ! Cumbria Bird Club. Bird News. **21**, (4), Winter, 105. [Great Spotted Woodpecker].  
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- 1980 *Zygaena ionicerae* (Scheven) (Lepidoptera : Zygaenidae) in Cumbria. Ent. Gaz. **31**, (2), May, 92. [Location : Ulverston].
- 1981 Sub-Editor. Insect Report : 1980. [Birds in Cumbria : 1980. 49-55. Assn. Nat. Hist. Soc. in Cumbria. **Hemiptera (Eskmeals Reserve)**. *Halosalda lateralis* Fall. *Heterogaster artemisiae* Schi. *Neides tipularius* Linn. **Migrant Lepidoptera** : Butterflies : Clouded Yellow. Milkweed (Monarch). Painted Lady ("Spectacular migration"). Red Admiral. **Moths** : Diamond-back. Hummingbird Hawk-moth. Rush Veneer. Rusty Dot. Silver Y. Three moth records have been listed Under Coleoptera they are as follows : Narrow-bordered Five-spot Burnet. Shaded Pug. Sloe Pug. **National Trust Biological Survey - July - September, 1980**. August Thorn. Beautiful Carpet. Dark Swordgrass. Herald. Lilac Beauty. Mountain Ringlet. Netted Carpet. Oak Hooktip. Satin Lutestring. Slender Brindle. Spruce Carpet. **Other Lepidoptera Records** : **Butterflies** : Duke of Burgundy Fritillary. Gatekeeper. Holly Blue. Marsh fritillary. Orange-tip. Ringlet. Small Pearl-bordered fritillary. **Other Orders** : **Coleoptera** : *Bembidion bipunctatum* Linn. *Bembidion laterale* Sam. *Bledium unicornis* Germ and *Bledium spectabilis* Kr. *Carabus nemoralis* O.F.Muller. *Ceutorhynchus hirtuluca* Germar. *Elaphrus riparius* Linn. *Lampyrus noctiluca* Linn. *Synuchus nivalis* Panzer. **Moths** : Crinan Rustic. Northern Rustic). **Odonata** : *Aeshna grandis* Linn. *Calopteryx virgo* Linn. *Coenagrion puella* Linn. *Cordulegaster boltonii* Donovan. *Enallagma cyathigerum* Charpentier. *Ischnura elegans* Van der Linden. *Lestes sponsa* Hansemann. *Libellula quadrimaculata* Linn. *Pyrrhosoma nymphula* Sulzer. *Sympetrum striolatum* Charpentier.
- 1981 Sub-Editor. Statistics on Macro-moths captured by Mr Briggs at Beetham, 1980. Birds in Cumbria : 1980, 54, Assn Nat. Hist. Soc. in Cumbria.
- 1982 *Danaus plexippus* L : the Monarch in Wales and Cumberland in 1981. Ent. Rec. **94**, (1-2), January-February, 37. [Location : Sellafeld].
- 1982 Sub-Editor. Insect Report : 1981. Birds in Cumbria : Spring, 1982. 49-53. Assn .Nat. Hist. Soc. In Cumbria. [**Butterflies** : Brimstone. Clouded Yellow (Leighton Moss Reserve). Duke of Burgundy Fritillary. Green Hairstreak. Green-veined White. Holly Blue. Large Skipper. Large White. Monarch (Also known as Milkweed). Mountain Ringlet. Orange Tip. Painted Lady. Pearl Bordered Fritillary. Red Admiral. Ringlet. Scotch Argus. Small Copper. Small Tortoiseshell. Small White. Wall Brown. **Moths** : Edinburgh Pug. Narrow-bordered Five-spot Burnet. Pimpinel Pug. Rush Veneer. Rusty Dot. Satyr Pug. Scarlet Tiger. Silver Y. Toadflax Pug. Dragonflies : *Aeshna cyanea* (Muller). *Aeshna grandis* (Linn.) *Aeshna juncea* (Linn). *Calopteryx virgo* (Linn.) *Ischnura elegans* (Van der Linden). *Lestes sponsa* (Hansemann). *Orthetrum coerulescens* (Fabricius). *Sympetrum danae* (Sulzer). *Sympetrum striolatum* (Charpentier).
- 1983 Sub-Editor. Insect Report : 1982. Birds in Cumbria : Spring, 1983. 56-62. Assn. Nat. Hist. Soc. in Cumbria. [**Butterflies** : Brimstone. Clouded Yellow. Common Blue. Dark Green Fritillary. Duke

of Burgundy Fritillary. Gatekeeper. Green Hairstreak. Green-veined White. Grayling. High Brown Fritillary. Holly Blue. Large Heath. Marsh Fritillary. Meadow Brown. Mountain Ringlet. Painted Lady. Red Admiral. Scotch Argus. Small Blue (Nil Report). Small Pearl-Bordered Fritillary. Small Tortoiseshell. Speckled Wood. **Coleoptera** see R.W.J.Read 1983.

**Hymenoptera** : *Cimbex fermoratus*. *Phymatocera aterrima*. *Urocera gigas*. **Moths** : Bedstraw Hawk-moth. Brindle Green. Brindle Ochre. Convolvulus Hawk-moth. Deaths-head Hawk-moth. Great Brocade. Humming-bird Hawk-moth. Large Red-belted Clearwing. Middle-barred Minor (Nil Report). Mullein. Narrow-bordered Five-spot Burnet. Orange Swift. Slender Pug. Small Grass Emerald. The Miller. The Streak. Toadflax Pug. Vestal. White Marked.

**Odonata** : *Aeshna juncea*. *Calopteryx virgo*. *Cordulegaster boltonii* (Donovan). *Lestes sponsa*. *Pyrrhosoma nymphula*.

- 1984 Scots Pine as a food plant of *Micropterix thunbergella* F. (Lep : Micropterigidae) Moths. Ent. Rec. **96**, 3-4, March-April, 70.
- 1984 Sub-Editor. Discovery of Oak Bush Cricket in North Lancashire, 1981. Birds in Cumbria, 1984. Assn. Nat. Hist. Soc. in Cumbria.
- 1984 Sub-Editor. Insect Report : 1983. Birds in Cumbria : Spring, 1984. 61-67. Association of Nat Hist. Soc in Cumbria. [**Butterflies** : Clouded Yellow, large invasion. Common Blue. Dark Green Fritillary. Duke of Burgundy Fritillary. Gatekeeper. Grayling. High Brown Fritillary. Holly Blue. Meadow Brown. Mountain Ringlet (Nil Report). Orange Tip. Painted Lady. Purple Hairstreak. Red Admiral. Scotch Argus. Small Blue. Small Pearl-bordered Fritillary. Speckled Wood (Nil Report). Wall Brown. White-letter Hairstreak. **Moths** : Antler Moth (Outbreak). Convolvulus Hawk-moth. Figure of Eighty. Golden Rod Brindle. Humming-bird Hawk-moth. Least Yellow Underwing. Light Knot Grass. Mullein Moth. Narrow-bordered Five-spot Burnet. Pimpinel Pug. Pyralid (*Donacaula mucronellus* (D&S)). Red-necked Footman. Red-tipped Clearwing. Scarlet Tiger. Shuttle-shaped Dart. Silver Y. Slender Brindle. The Seraphim. *Trifurcula immundella*. Vestal. Welsh Wave. White Satin. **Ants** : Wood Ants (Grubbins Wood Reserve). **Crickets and Grasshoppers** :- Oak Bush Cricket (*Meconema thalassinum*). **Dragonflies** : A list of Dragonflies known to occur in Cumbria is printed based on lists published in Carlisle NHS authored by F.H.Day and G.B.Routledge (1933). In addition *Calopteryx splendens* (now *Agrion splendens*) and *Aeshna grandis*. One record of migrant *Sympetrum flaveolum*.
- 1984 The Clouded Yellow (*Colias croceus* Geoffr) in Cumbria. Birds in Cumbria : Spring, 1984. 69-70. Assn. Nat. Hist. Soc. in Cumbria.
- 1985 Joint Author : Hancock, E.F. List of 'Macro' moths recorded in the Furness and Cartmel Districts of South Cumbria, 1960-1984. Birds in Cumbria : Spring, 1985. 65-71 Assn. Nat. Hist. Soc. in Cumbria.
- 1985 Sub-Editor. Insect Report : 1984. Birds in Cumbria : 1985. 58-61. Assn. Nat. Hist. Soc. in Cumbria. **Butterflies** : Clouded Yellow. Duke of Burgundy Fritillary. Gatekeeper. High Brown Fritillary. Large White. Mountain Ringlet (One report, Sickle Tarn). Painted Lady. Purple Hairstreak. Red Admiral. Small Blue. Wall Brown. **Moths** : *Agrotis puta*. Angle-striped Sallow. *Atolmis rubricollis* Bordered Pug. Common Footman. Convolvulus Hawk-moth. Double lobed. Dusky-lemon Sallow. *Euxoa tritici*. Four-spotted Footman. Frosted Orange. Grass Wave. Humming-bird Hawk-moth. Lunar Underwing. Narrow-bordered Five-spot Burnet. Netted Carpet. Obscure Wainscot. Pinion-streaked Snout. Scarce Footman. Shuttle-shaped Dart. Silky Wainscot. Small Eggar. The Vestal. White-line Dart. Beetles : *Calosoma inquisitor*. *Geotrupes vernalis*. *Sinodendron cylindricum*. **Dragonflies** : *Aeshna grandis*. *E. cyathigerum*. *P. nymphula*. *I. elegans*. *L. sponsa*. *L. quadrimaculata*. *S. danae*. *S. striolatum*. **Hoverflies** : *Arctiphila fulva* (Harris).
- 1986 Sub-Editor. Insect Report : 1985. Birds in Cumbria, Spring, 1986. 52-56. Assn. Nat. Hist. Soc in Cumbria. [**Butterflies** :- Brown Argus. Clouded Yellow. Common Blue. Duke of Burgundy Fritillary. Gatekeeper. Holly Blue. Meadow Brown. Mountain Ringlet. Orange Tip. Painted Lady. Red Admiral. Small Blue. Small Tortoiseshell,(40-hibernating). Speckled Wood. **Moths**. Common Rustic. Convolvulus Hawk Moth. Crescent Dart. Four-spotted Footman. Lesser Common Rustic. Lesser Cream Wave. Narrow-bordered Five-spot Burnet. Oak Nycteoline. Peppered Moth. Scarce Footman. Silky Wainscot. Slender Brindle. Small Mottled Willow. Striped Hawk Moth. Vestal Moth. White Satin. Wood Carpet. Erratum : (August Thorn previously reported now thought to be September Thorn). **Dragonflies** : *Aeshna cyanea*. *Aeshna grandis*. *Aeshna juncea*. *Calopteryx splendens*. *Calopteryx virgo*. *Coenagrion puella*.

- Cordulegaster boltonii*. *Enallagma cyathigerum*. *Ischnura elegans*. *Lestes sponsa*. *Leucorrhinia dubia*. *Libellula quadrimaculata*. *Pyrrhosoma nymphula*. *Sympetrum danae*. *Sympetrum striolatum*. **Sawflies** (Note from D.J. Clarke. *Trichiosoma tibiale*).
- 1987 Sub-Editor. Insect Report : 1986. Birds in Cumbria : Spring, 1987. 49-54. Association of Nat. Hist. Soc. in Cumbria. [Records Include : **Butterflies**. “worst Butterfly year on record” Brimstone. Brown Argus. Clouded Yellow. Common Blue. Gatekeeper. High Brown. Holly Blue. Large Heath. Large Skipper. Large White. Meadow Brown. Mountain Ringlet. Orange Tip. Painted Lady. Peacock. Pearl-bordered Fritillary. Purple Hairstreak. Red Admiral. Small Blue. Small Heath. Small Tortoiseshell. Speckled Wood. **Moths** :- Convolvulus Hawkmoth. Copper Underwing. Edinburgh Pug. Four spotted Footman. Goat moth. Humming-bird Hawkmoth. Juniper Carpet. Mallow. Pale Eggar. Pale November Moth. Satin Lutestring. Shuttle-shaped Dart. Silky wainscot. Small Mottled Willow. Southern Wainscot. Tawny Pinion. Turnip Moth. Also :- The Pyralid, *Orthopygia glaucinalis*. Micro-*Exaereta ciniflonella*. Scopariinae Group : *Eudonia lineola*. **Dragonflies** : - *Aeshna grandis*. *Calopteryx boltonii*. *Calopteryx virgo*. *Coenagrion pulchellum*. Additions to the BRC Maps as follows :- *Coenagrion puella*. *Enallagma cyathigerum*. *Pyrrhosoma nymphula*. *Ischnura elegans*. *Lestes sponsa*. *Calopteryx virgo*. *Aeshna cyanea*. *Aeshna grandis*. *Aeshna juncea*. *Cordulegaster boltonii*. *Libellula quadrimaculata*. **Other Insects** : **Wasps** - Norwegian Wasp (*Dolichovespula sylvestris*).
- 1988 Sub-Editor. Insect Report : 1987. Birds in Cumbria : Spring, 1988. 56-61. Association of Nat. Hist. Soc. in Cumbria. **Butterflies** : Brown Argus. Clouded Yellow (Nil). Common Blue. Dark Green Fritillary. Dingy Skipper. Duke of Burgundy. Grayling. Green-veined White. High Brown Fritillary. Large Skipper. Marsh Fritillary. Mountain Ringlet (Nil report). Orange Tip. Painted Ladies (x2). Peacock (Scarcity). Red Admirals. Ringlet. Small Blue. Small Copper. Small Pearl-bordered Fritillary. Small Tortoiseshell. Wall Brown. **Moths** : Bedstraw Hawk-moth. Beech green carpet. Convolvulus Hawk-moth. Five-spot Burnet. Humming-bird Hawk-moth. Lunar Hornet Moth. Northern Deep-brown Dart. Peppered Moth. Red Underwing. Rufous Minor. Satin Wave. Six-spot Burnet. Slender Pug. Small Bloodvein. Southern Wainscot. Vestal. **Micros** : *Aethes francillana*. *Leucoptera scitella*. *Elachista atricomella*. *Agonopterix alstromeriana*. **Beetles** :- Oil Beetle (*Meloe violaceus*). **Dragonflies** : Southern Hawker.
- 1989 Sub-Editor. Insect Report : 1988. Birds in Cumbria : Spring, 1989. 77-78. Association of Nat. Hist. Soc. in Cumbria. **Butterfly records** include :- Brimstone. Common Blue. Meadow Brown. Mountain Ringlet. Painted Lady (Reports in February!). Peacocks. Red Admiral. Small Blue. Small Tortoiseshell. Wall Brown. **Moths** :- Records include : Five spot Burnet. Rufous Minor. Six-spot Burnet. **Microlepidoptera records** in 1988 (E.F.Hancock). 231 *Monopis imella*. 435 *Zelleria Hepariella*. **Dragonflies** : “Very few records” Brown Hawker (*Aeshna grandis*)
- 1990 Sub-Editor. Insect Report : 1989. Birds in Cumbria : Spring, 1990. 88-91. Cumbria Naturalists Union. [**Butterflies** : Brown Argus. Clouded Yellow “largest migration since 1983”, also variation *Helice*. Camberwell Beauty (Possible). Comma (Single sighting). Common Blue (Approx 1000 at S.Walney). Grayling. Large White. Mountain Ringlet (One sighting only). Painted Lady. Purple Hairstreak. Scotch Argos. Small Blue. Small Pearl-Bordered Fritillary. Small Tortoiseshell. Small White. Speckled Wood. Wall Brown. **Moths** : Broom Moth. Bulrush Wainscot. Convolvulus Hawk-moth. Crescent Dart. Deep-brown Dart. Dotted Rustic. Five-spot Burnet. Humming-bird Hawk-moth. Purple Thorn. Red Underwing. Ruby Tiger. Six-spot Burnet. Vestal. White-line Dart. Pyralid (*Evergestis pallidata*). Micro : *Limnaecia phragmitella*. **Odonata (Dragonflies)** : Beautiful Demoiselle. Brown Hawker. Downy Emerald. Southern Hawker. Variable Damselfly. White-faced Darter. Summary of additional 10 km square records : *C. puella*. *C. pulchellum*. *I. elegans*. *L. sponsa*. *P. nymphula*. *A. cyanea*. *L. quadrimaculata*. *E. cyathigerum*. *A. grandis*. **Other insects** : **Flies** :- *Helophorus hybridus*. *H. pendulus*. *Leucozona glauca*. *Volucella pullezens*. *Xylota sylvanus*. *Pyrophaena granditarsa*. *Thereva annulata*. *Xylota coeruleiventris*. **Beetles** : *Sinodendron cylindricum*. *Chrysolina menthastri*. *Anatis ocellata*. *Dromius quadrimaculatus*. *Pterostichus niger*. **Spider** : *Meta menardii*. **Tree Wasp** : *D. sylvestris*.
- 1991 Sub-Editor Insect Report : 1990. Birds in Cumbria : 1990. 90-95. Cumbria Naturalists Union. [**Butterflies** : Brimstone. Comma. Gatekeeper / Hedge Brown. Grayling. Green Hairstreak. Large Heath. Mountain Ringlet. Orange Tip. Painted Lady. Peacock. Purple Hairstreaks. Red

- Admiral. Small Blue. Small Copper. Small Pearl-bordered Fritillary. Speckled Wood]. **Moths** : Alder moth. Centre-barred sallow. Common swift. Deaths-head Hawk-moth. Five-spot Burnet. Humming-Bird Hawk-moth. Herald moth. Knot Grass. Large Emerald. Large Yellow Underwing. Lesser Swallow Prominent. Marbled Coronet. Mullien Moth. Northern Drab. Six-spot Burnet. Svensson's Copper Underwing. The Shuttle-shaped Dart. **Diptera** : Some records sent in by Jonty Denton with additional comments by N.L.Birkett. *Megasyrphus* [Didea] *fasciata*. *Sericomyia silentis*. *Xylota florum*. *Microdon mutabilis*. Butterfly Mapping in Cumbria.
- 1991 Joint Author : Hancock, E.F. List of 'Macro' Moths recorded in the Furness and Cartmel districts of South Cumbria, 1960-1984. (1990 Update). Birds in Cumbria : 1991. 95. Cumbria Naturalists Union.
- 1992 Sub-Editor. Insect Report : 1991. Birds in Cumbria : 1991. 92-96. Cumbria Naturalists Union. [Records include :- Brimstone. Clouded Yellow (Late 1990 record not recorded in 1991). Comma. Dark Green Fritillary. Gatekeeper (Hedge Brown). Marsh Fritillary. Mountain Ringlet. Painted Lady. Peacock. Purple Hairstreak. Red Admiral. Small Pearl-bordered Fritillary. **Moths** : Bedstraw Hawk-moth. Bordered Sallow. Convolvulus Hawk-moth. Early Moth. Feathered Ranunculus. Flounced Rustic. Frosted Orange. Galium Carpet. Golden Pulsia. Haworth's Minor. Humming-bird Hawk-moth. Lempke's Gold Spot. Lesser Swallow Prominent. Lyth Ranunculus?. Red-necked Footman. Red-Sword-grass. Scarce Prominent. Small China-mark. Spruce Carpet. Swallow Prominent. The Streamer. The Tissue. Winter Moth. Yellow Underwing. **Pyralid** : *Diorycra abietella*. **Tortrid** : *Dichrorampha aeratana*. Also a brief paragraph concerning a survey carried out by Paul Hatcher on the Netted Carpet Moth p 96.
- 1993 Butterfly Mapping in Cumbria. Cumbrian Wildlife. **35**, January, 15.
- 1993 Sub-Editor. Insect Report : 1992. Birds in Cumbria : 1992. 86-90. Cumbria Naturalists Union. [Butterflies : "36 Species of butterflies were recorded in Cumbria. These are not listed individually but some were selected for special mention as follows :- Clouded Yellow "an early and unusual migration". Comma. Duke of Burgundy. Gatekeeper. High Brown Fritillary. Holly Blue. Large Skipper. Large White. Mountain Ringlet Project. Painted Lady. Peacock. Purple Hairstreak. Red Admiral. Small Skipper (Nil Report). Small White. Speckled Wood. Brief Report on the Butterfly Mapping in Cumbria Project, p 89. **Moths** :- Bleached Pug. Bordered Straw. Coast Dart. Convolvulus Hawk-moth. Currant Pug. Death's-head Hawk-moth. Four-dotted Footman. Humming-bird Hawk-moth. Mallow. Pearly Underwing. Red Carpet. Sallow Prominent. Sand Dart. Silver Y. Small Eggar. Tawny-barred Angle. The Delicate. The Gem. The Nutmeg. The Plain Pug. The Rivulet. **Also** :- *Cydia compositella* and a request for information concerning Argent and Sable and Grass Emerald.
- 1994 Sub-Editor Insect Report. Butterflies and Moths : Report. Birds in Cumbria : 1993. 87-92. Cumbria Naturalists Union. **Butterfly records** include :- Brimstone. Comma. Dingy Skipper. Duke of Burgundy. Gatekeeper. Green Hairstreak. Holly Blue. Marsh Fritillary. Orange Tip. Painted Lady. Pearl-bordered Fritillary. Purple Hairstreak. Red Admiral. Small Copper. Small Tortoiseshell. Speckled Wood. Also details of the Butterfly Mapping Project. Location Maps are presented for Dingy Skipper. Gatekeeper. Green Hairstreak. Large Skipper. Pearl-bordered Fritillary. Purple Hairstreak. Small Pearl-bordered Fritillary. **Moths** :- Alder. Argent and Sable. Beautiful Brocade. Cistus Forester. Copper Underwing. Crescent Striped. Crinan Ear. Hummingbird-Hawkmoth. Lead Belle. Pale Eggar. Red Carpet. Sallow Kitten. Silver Y. Svensson's Underwing. **Also** :- *Catoptria furcatellus*.
- 1994 Sub-Editor. Insect Report : 1993. (Butterflies. Moths. Dragonflies and Damselflies. Beetles. Flies. Lacewings. Scorpionflies. Mayflies. True Bugs). Birds in Cumbria : 1993. 87-95. Cumbria Naturalists Union.
- 1995 Sub-Editor. Insect Report : 1994. Birds in Cumbria : 1994. 90-97. Cumbria Naturalists Union. **Butterflies records** include :- Clouded Yellow. Comma. Dark Green Fritillary. Duke of Burgundy. Gatekeeper. High Brow Fritillary. Holly Blue. Marsh Fritillary. Mountain Ringlet Survey. Orange Tip. Painted Ladies. Pearl-bordered Fritillary. Red Admiral. Small Tortoiseshell. There are distribution atlases for Common Blue. Holly Blue. Mountain Ringlet. Orange Tip. **Moth Records include** :- Alder Moth. Argent and Sable. Butterbur. Coast Dart. Convolvulus Hawk-moth. Dark dagger. Double Lobed. Dun-bar. Golden Plusia. Humming-bird Hawk-moth. Juniper Carpet. Lunar Marbled Brown. Narrow-bordered Five-spot Burnet. Netted Carpet. Old

Lady. Pale Pinion. Pearly Underwing. Red Sword Grass. Sallow Kitten. Shuttle-shaped Dart. Silky Wainscot. Silver Y. Slender Brindle. Svensson's Copper Underwing. Swallow Prominent. The Least Minor. The Olive. The Streak. Thistle Moth ( Requires verification). White Colon. Also : *Micropteryx tunbergella*.

- 1996 Sub-Editor : Butterflies and Moths : Report. Birds and Wildlife in Cumbria : 1995.85-88. Cumbria Naturalists Union. **Butterfly Records** Include :- Camberwell Beauty (Large migration). Clouded Yellow. Comma. Common Blue. Dark Green Fritillary. Duke of Burgundy. Gatekeeper. High Brown Fritillary. Holly Blue. Large White. Large Yellow Underwings. (Over 3,500). Marsh Fritillary. Monarch. Mountain Ringlet. Nutmeg. Orange Sallow. Painted Lady. Pearl-bordered Fritillary. Purple Hairstreak. Red Admiral. Ringlet. Silver-washed Fritillary. Slender Brindle. Small Blue. Small Pearled-bordered Fritillary. Small Tortoiseshell. Small White. Water Carpet. **Moth Records** :- Barred Sallow. Beaded Chestnut. Bedstraw Hawk-moth. Brussels Lace. Convolvulus Hawk-moth. Fan-foot. Frosted Green. Gem. Great Brocade. Green Carpet. Hawthorn's Minor. Heath Rustic. Herald Moth. Humming-bird Hawk-moth. Lunar Marbled Brown. Lunar Thorn. Mallow. May Highflyer. Meal Moth. Miller. Mottled Grey. Muslin Moth. Narrow-winged Pug. Oak Beauty. Olive. Pearly Underwing. Pimpinel Moth. Pretty Chalk Carpet (First Cumbrian Record). Orange Swift. Purple Thorn. Rustic Shoulder-moth. Slender Brindle. Small Emerald. Small Phoenix. Streamer. Swallow Prominent. Southern Wainscot. Svensson's Copper Underwing. (Thistle Moth sighting not confirmed). Treble-bar. Vestal. Yellow Horned. Yellow-ringed Carpet. Yellow-tail.

**Also :-** *Donacaula forficella* and *Olindia schumacherana*.

- 1997 Sub-Editor. Butterflies and Moths Report : 1996. Birds and Wildlife in Cumbria : 1996. 81-85. Cumbria Naturalists Union. **[Butterfly Records** include :- Camberwell Beauty. Clouded Yellow. Comma. Gatekeeper. Large Heath. Marsh Fritillary. Monarch (later disqualified). Mountain Ringlet. Painted Lady. Peacock. Red Admiral. Silver-washed Fritillary. Small Copper. Small Copper (White variety). Small Skipper. Small Tortoiseshell. Speckled Wood. Wall Brown. Diminishing returns of Pearl-bordered Fritillary and Grayling].

**Moth Records include :-** Barred Rivulet. Beech-green Carpet. Bordered Straw. Bright-line Brown-eye. Brussels Lace. Bulrush Wainscot. Cloaked Minor. Coast Dart. Common Footman. Crescent Striped. Dark Sword Grass. Diamond Back. Dotted Border. Double Lobed. Early Grey. Glaucous Shears. Golden Plusia. Great Brocade. Grey Pine Carpet. Heart and Dart. Humming-bird Hawk Moth. Knot Grass. Least Black Arches. Ling Pug. Lunar Thorn. Marbled Coronet. Narrow-bordered Bee Hawkmoth. Netted Carpet Moth. Ni Moth. Orange Sallow. Pale Pinion. Pearly Underwing. Pebble Hook-tip. Pine Beauty. Pinion-streaked Snout. Plain Wave. Poplar Hawk-moth (pale buff-coloured form). Sand Dart. Sandy Carpet. Scarce Prominent. Scorched Wing. Shark. Short-cloaked Moth. Shoulder-striped Wainscot. Silver Y (Invasion). Small Autumnal Moth. Small Mottled Willow. Small Quaker. Smoky Wave. Southern Wainscot. Tawny Shears. The Gem. The Lackey. Thistle Ermine. Water Veneer. White Colon. White-line Dart. White Satin Moth. Wormwood Pug. Yellow-tail.

**Also :-** *Agapeta zoegana*. *Amblyptilia acanthadactyla*. *Caloptilia rufipennella*. *Mompha locupletella*. *Monopis laevigella*. *Nomophila noctuella*. *Tinea trinotella*. *Udea olivalis*.

- 1998 Sub Editor : Insect Report :- Butterflies and Moths Report : 1997. Birds and Wildlife in Cumbria : 1997. 69-72. Cumbria Naturalists Union. **[Butterfly Records** include :- Camberwell Beauty. Clouded Yellow (Nil Report). Comma. Dark Green Fritillary. Dingy Skipper. Grayling. High-brown Fritillary. Holly Blue. Large Heath. Marsh Fritillary. Monarch. Mountain Ringlet. Orange Tip. Painted Lady. Red Admiral. Ringlet. Scotch Argus. Silver-washed Fritillary. Small Blue. Small Coppers. Small Pearl-bordered Fritillary. Small Skipper. Wood Whites. Also one Moth in the Butterfly section - Chimney Sweeper Moth. p70.

**Moths :-** Autumnal Rustic. Barred Tooth-striped. Bed-straw Hawk-moth. Beech-green Carpet. Broad-bordered Yellow Underwing. Brown-spot Pinion. Buff Arches. Chevron. Common Emerald. Convolvulus Hawk-moth. Dingy Shears. Dusky Brocade. Dusky-lemon Sallow. Feathered Ranunculus. Flounced Sallow. Heart and Club. Iron Prominent. July Belle. Lunar Thorn. Marbled Brown. Mottled Grey. Large Wainscot. Netted Carpet. Plain Wave. Rush Veneer (Nil Report). Sallow Kitten. Satin Lutestring. Scarce Prominent. Silver Y. Small Fan-foot. Small Wainscot. Square Spot. Straw Dot. Svensson's Copper Underwing. Tawny-barred Angle. Thistle Ermine. The Olive. The Tissue. Vapourer. **Also :-** *Caloptilia rufipennella*. *Stigmella myrtillella* on *Vaccinium myrtillus*.

- 2000 Author : Little, Richard. Review of : A Checklist of the Butterflies and Larger Moths of Cumbria. Edited by Kydd, Bill and Stephen Hewitt. The Carlisle Naturalist. **8**, (1), 5.
- 2000 Joint Editor : Hewitt, Stephen. A Checklist of the Butterflies and larger Moths of Cumbria. Tullie House Museum : Carlisle. 2000.
- 2001 Author : Hancock, E. G. Edward Frank Hancock, (1921-2001) : an obituary. Ent. Rec. **113**, (4), July-August, 171-174. [Reference to D.W.Kydd].
- 2006 Author : Hewitt, Stephen M. Important Insect Collections given to Tullie House Museum. [Dr N.L.Birkett and Kydd, Bill]. Natterjack, 3.

**L.**

- 1885 Herons and Rooks, Dalham. Field. 17<sup>th</sup> January, 65.

**L, R. B.**

- 1884 Bittern in Westmorland. Field. 20 December, 843. [Location : Whinfell Tarn].

**L, T.**

- 1974 Red Cliffs at St. Bees. Cumbria. **24**, (5), August, 239-241.

**LACK, T. J.**

- 1974 Joint Author : Lund, J.W.G. Observations and experiments on the phytoplankton of Blelham Tarn, English Lake District. **1**. The experimental tubes. Freshwat. Biol. **4**, 399-415.

**LAIDLER, William Raymond (Ray).**

- 1994 Author : Horne, Geoff. William Raymond Laidler, (1918-1994). The Carlisle Naturalist. **2**, (1), End-cover.
- 1996 Author : Hewitt, Stephen M. Raymond Laidler. Carlisle Natural History Society - the First hundred years. **In :-** Transactions of the Carlisle Natural History Society. **12**, 107-125.
- 2002 Raymond Laidler. **In :-** Ratcliffe, D.A. Lakeland - the wildlife of Cumbria. Harper Collins. 000 711303 X.

**LAKE DISTRICT NATIONAL PARK AUTHORITY.**

- 1977 Draft National Park Plan. Section 7. 7.1 - 7.66 Forests, woodlands and trees. Section **8**. Nature Conservation. Section : 8.1-8. 37.
- 1990 A Survey of moorland breeding birds in the Lake District National Park.
- 1992 Coniston Water Management Plan, March, 1992.[Includes : Regeneration of lake shore vegetation and Nature Conservation.
- 1995 Drigg National Reserve. L.D.N.P Authority. Annual Report, 1995-1996. 7.
- 1996 Derwentwater Management Plan. L.D.N.P. 0. 906421.41.1. [Includes : Landscape and Nature Conservation. Also an appendix on Wildlife].
- 1996 Woodlands get extra protection. L.D.N.P. Annual Report. 1995-1996, 7.
- 1997 Fate of famous Beeches awaited. L.D.N.P. Annual Report. 1996-1997. 8. [Rusland Beeches].
- 1997 New woodland at Ludderburn. L.D.N.P. Annual Report, 1996-1997.10. [Cartmel Fell].
- 1998 / 1999 Joint Author : Environment Agency. Derwentwater low water levels. For details see Environment Agency.
- 1999 Woodland Management. L.D.N.P. Annual Report, 1998-1999. 17.
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1999 Sub-Editor. Moths Report : 1998. Birds and Wildlife in Cumbria : 1998. 70-73. Cumbria Naturalists Union. [Records include :- Antler Moth. Brindled Beauty. Cistus Forester. Clouded Drab. Common Quaker. Copper Underwing. Early Moth. Grass Wave. Lesser Swallow Prominent. Lunar Thorne. Manchester Treble-bar. March Moth. Netted Carpet. Portland Moth. Purple-bordered Gold. Purple Thorn. Small Quaker. Red-necked Footman. Svensson's Copper Underwing. Swallow Prominent. Thistle Ermine. Twin-spot Quaker. White Colon. White Satin. Also :- *Anania funebris*. **Migrants and Colonists** :- Blair's Shoulder Knot. Bordered Straw. Convolutus Hawk-moth. Gem. Humming-bird Hawk-moth. Ploughman's Spikenard. Rush Veneer. Silver Y. Small Marbled. Swallow-tailed Moth. (Moths anticipated in future : Pale Pinion. Red Underwing.) Netted Carpet update.

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2000 Sub-Editor : Moths Report : 1999. Birds and Wildlife in Cumbria : 1999. 69-75. Cumbria Naturalists Union. [Includes :- The announcement of the publication of A Checklist of the Butterflies and Larger Moths of Cumbria. Edited by Bill Kydd and Stephen Hewitt]. [Records received in 1999 include :- Alder Kitten. Antler Moth. Argent and Sable. August Thorn (Nil Report). Autumn Green Carpet. Barred Carpet. Barred Tooth-striped. Beech-green Carpet. Blair's Shoulder Knot. Blomer's Rivulet. Bordered Grey. Buff-tip. Chimney Sweeper. Clay-triple Lines.

Clouded-bordered Brindle. Clouded Silver. Current Pug. Dark Brocade. Dark Chestnut. Dark Tussock. Frosted Green. Golden Plusia. Grass Rivulet. Grey Shoulder-knot. Heath Rustic. Herald Moth. Juniper Carpet. Juniper Pug. Least Black Arches. Least Minor. Lesser Swallow Prominent. Manchester Treble-bar. Marbled Coronet. Marsh Oblique-barred. Northern Rustic. Oak Lutestring. Oblique-striped. Plain Wave. Portland Moth. Purple-bordered Gold. Purple Thorn. Red-necked Footman. Red-tipped Clearwing. Red Underwing. Riband Waves. Round-winged Muslin. Scalloped Hook Tip. September Thorn. Shore Wainscot. Short-cloaked Moth. Silver Hook. Small Clouded Brindle. Square spot. Straw Underwing. Striped Twin-spot Carpet. Swallow Prominent. Tissue Moth. Welsh Wave. White Colon. White Pinion-spotted.

**The Micro-Moths :-** Bird Cherry Ermine. *Atoptria m. margaritella*. *Catoptria pinella*. *Crambus ericella*. Daldinea knot-horn. Diamond-back Moth. Light Brown Apple Moth (Identification to be confirmed). Many-plumed Moth. Nettle Tap. *Pediasia aridella*. Thistle Ermine.

**Migrants :-** Convolvulus Hawk-Moth. Humming-bird Hawk Moth. Pearly Underwing. Silver Y. Straw Dot. Vestal.

**Difficult groups :-** Common/Lesser Common Rustic. Ear Moth. Gold Spot. Lempke's Gold Spot. Marbled Minor. November Moth.

**Rarities :-** Netted Carpet and a search for the food plant of the moth Touch-me-not Balsam (*Impatiens noli-tangere*).

2001 Author : Naylor, Geoff. Gait Barrows NNR. Field Meeting : 7<sup>th</sup> July. Leader : Rob Petley-Jones. The Carlisle Naturalist. **9**, (2), 21-22.

2001 Compiler : Cumbria Moth Report : 2000. Cumbria Moth Group.

2001 Sub-Editor. Moths Report : 2000. Birds and Wildlife in Cumbria : 2000. 71-75. Cumbria Naturalists Union. [Records include : Archers Dart. Barred Carpet. Barred Tooth-striped. Beautiful Snout. Beech-green Carpet. Belted Beauty (Nil Report). Bleached Pug. Blomer's Rivulet. Blotched Emerald. Brown Scallop. Chamomile Shark. Chestnut-coloured Carpet. Cistus Forester. Clouded Magpie. Coast Dark. Crescent Striped. Dark Umber. Figure of Eighty. Galium Carpet. Gem. Golden Plusia. Gold Spot. Herald. Lempke's Gold Spot. Lunar Underwing. Manchester Triple-bar. May Highflyer. Mother Shipton. Mullien Wave. Purple Thorn. Oak Nycteoline. Oblique Carpet. Old Lady. Orange Underwing. Peacock Moth. Portland Moth. Purple-bordered Gold. Puss Moth. Red Carpet. Red-necked Footman. Red Underwing. Ruddy Highflyer. Sallow Kitten. Sand Dart. Saxon. Sharp-angled Peacock. Shore Wainscot. Silver Hook. Silvery Arches. Sloe Pug. Speckled Yellow. Square Spot. Suspected. The Crescent. Thyme Pug. Tissue. White Colon. White Satin Moth. Wood Tiger. Yellow-barred Brindle. **The Micro-moths :-** *Adela cuprella*. *Adela reaumurella*. *Agonopterix angelicella*. *Anania funebris*. *Chilo phragmitella*. *Donacaula mucronellus*. *Elachista triseriatella*. *Eriocrania sparmannella*. *Homoeosoma sinuella*. *Nemophora cupriacella*. *Nemophora degeerella*. *Olethtrutes arcuella*. *Pyrausta cingulata*. *Semioscopis avellanella*.

**Migrants :-** Bedstraw Hawkmoth. Convolvulous Hawk-moth. Death's-head Hawkmoth. Gem. Ni Moth. Striped Hawkmoth. Vestals. White-speck.

**Rarities and special survey :-** Netted Carpet (*Eustroma reticulata*) and a Survey to locate without success the Belted Beauty (*Lycia zonaria britannica*) in the North West.

2002 Compiler : Cumbria Moth Report : 2001. Cumbria Moth Group.

2002 Is it a Fly, is it a plane? No-its Super Blue Tit. Cumbrian Nature. **12**, Summer, 2. [English Nature].

2002 Sub-Editor. Moths Report : 2001. Birds and Wildlife in Cumbria : 2001. 79-82. Cumbria Naturalists Union. [Records include : Alder Kitten. Barred Carpet. Barred Rivulet. Barred Tooth-striped. Beautiful Snout. Blomer's Rivulet. Bordered Grey. Brown Scallop. Buff Footman. Dark Dagger. Dark Umber. Diamond-back Moth. Dogs Tooth. Dusky Thorn. Dwarf Pug. Eyed Hawk-moth. Fen Square-spot. Figure of Eighty. Galium Carpet. Grass Emerald. Grass Wave. Grey Shoulder-knot. Juniper Carpet. Lesser Cream Wave. Manchester Treble-bar. Marbled Brown. Marsh Oblique-barred. Oak Lutestring. Oak-tree Pug. Oblique Striped. Orange Swift. Peacock Moth. Pinion-streaked Snout. Poplar Kitten. Pretty Chalk Carpet. Purple-bordered Gold. Red-necked Footman. Satyr Pug. Scalloped Hook-tip. Scarce Bordered Straw. Sharp-angled Peacock. Silvery Arches. Small Brindled Beauty. Small Dusty Wave. Small Elephant Hawk-moth. Square Spot. Stout Dart. The Brick. The Delicate. The Saxon. The Tissue. The Vestal. Triple-spotted Clay. White-marked. White Speck. Yellow-barred Brindle.

2003 Fungal fruits of the forest. Cumbrian Nature. **15**, Winter, 4-5. [Fungi]. [English Nature].

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- 2003 Incey-wincey Spider... crawling on water?! Cumbrian Nature. 14, Summer, 8. [Raft Spider (*Dolomedes fimbriatus*)]. [English Nature].
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Alder Moth. Angle shades. Antler Moth. Beautiful Golden-Y. Bright Line Brown-eye. Brimstone. Broad Bordered White Underwing. Brown Silver-line. Buff Arches. Buff Ermine. Buff Tip. Burnet Companion. Burnished Brass. Canary-shouldered Thorn. Chimney Sweeper. Cinnabar Moth. Cloaked Minor. Clouded Border. Clouded-border Brindle. Clouded Brindle. Clouded Buff. Clouded Silver. Common Carpet. Common Footman. Common Heath. Common Marble Carpet. Common Rustic. Common Swift. Common Wainscot. Common Wave. Common White Wave. Dark Arches. Dark-barred Twin-spot. Double Dart. Drinker. Dwarf Cream Wave. Early Thorn. Eyed Hawk-moth. Fan Foot. Figure of Eight. Flamed Shoulder. Four Spot Footman. Frosted Orange Moth. Gallium Carpet. Garden Carpet. Garden Tiger. Ghost Moth. Golden Plusia. Gold Spot. Gothic. Grass Emerald. Green Brindled Crescent. Green Carpet. Green Pug. Green Silver Lines. Grey Arches. Grey-Chi. Grey Mountain Carpet. Grey Scalloped Bar. Heart and Dart. Heath Rustic. Hebrew Character. Herald. Large Elephant Hawk-moth. Large Emerald. Latticed Heath. Lead Belle. Lesser Yellow Underwing. Light Arches. Lunar Hornet Moth. Magpie. Map Winged Swift. Marbled Beauty. Middle-bar Minor. Mother Shipton. Mottled Beauty. Northern Oar Eggar, Northern Spinach. November Moth. Old Lady. Orange Swift. Plain Golden -Y. Pod Lover. Poplar Hawk-moth. Purple Cloud. Puss Moth. Riband Wave. Rosy Minor. Rosy Rustic. Scalloped Hazel. Scalloped Oak. Setaceous Hebrew Character. Shaded Brown-bar. Shark. Silver-ground Carpet. Silver Hook. Silver-Y. Six-spot Burnet. Small Angle Shades. Small Purple Barred. Small Square Spot. Smoky Wainscot. Smoky Wave. Snout. Spectacle. Straw Dot.

- Straw Underwing. Swallow Tailed. Trebled Bar. Turnip Moth. The Dot. The Flame. White Ermine. Wood Tiger. Yellow Tail. Yellow Shell. Yellow Underwing].
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- 1992 "Plant Record **601/1** *Muscari neglectum* Guss ex Ten. V.C. 70, Cumberland : Quarry, Catlands. NY /2.4. M.Porter. New Vice-county record." Watsonia. **19**, (2), August, 151.
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- 2000 Joint Author : Foley, M J.Y. *Carex muricata* L. subsp. *Muricata* (Cyperaceae) - a review of its present status in Britain. Watsonia. **23**, (2), August, 279-286.
- 2003 Sub-Editor. Botanical Report. Birds and Wildlife in Cumbria : 2002. 107-108. Cumbria Naturalists Union. [ Plants : Coriander. Dune helleborines. Fragrant Orchid / Spotted Orchid hybrid. Fragrant Orchid (White form) *Gymnadenia conopsea* subsp. *borealis*. Greater Burnet-saxifrage. Navelwort. Prickly Sedge. Scarce Prickly Sedge. Sedge : False Fox Sedge x Remote Sedge. (*C. otrubae* x *C. remota*). Strawberry Clover. Tree Mallow].
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- 2005 Sub-Editor. Botanical Report. Birds and Wildlife in Cumbria : 2004. 159-161. Cumbria Naturalists Union. [**Species and hybrids new to Cumbria** : Blunt-flowered Rush. Brown Sedge. Cape-pondweed. Caucasian Penny-Cress. Chinese Ragwort. Creeping Thistle. Galingale. Garden Angelica. Goats Beard (Also known as Jack-go-to-bed-at-noon). Hidcote Comfrey. Indian Horse-chestnut. Krau's Clubmoss (Also known as Mossy Clubmoss). Marsh Arrowgrass. Marsh Thistle. Marsh Valerian. Mousetail. Turkish Iris.  
**Noteworthy records of species scarce in Cumbria** :- Bilberry. Bird's-nest Orchid. Centaury (Hybrid *Centaureum erythraea* x *c. littorale*). Chickweed Wintergreen. Common Cudweed. Common Hawthorn. Dwarf Gorse. Fleabane. Fragrant Orchid. Midland Hawthorn. Mousetail. Purple Ramping Fumitory. Rye Brome. Tunbridge Filmy Fern. Turkey Oak. Wilson's Filmy Fern.  
**Orchid Hybrids** :- Heath Spotted Orchid x Fragrant Orchid. *Dactylorhiza maculata* x *Gymnadenia conopsea* subsp *borealis*. Northern Marsh Orchid x Fragrant Orchid. *Dactylorhiza purpurella* x *Gymnadenia conopsea* subsp *borealis*. Heath Spotted Orchid x Northern Marsh Orchid. *Dactylorhiza maculata* x *Dactylorhiza purpurella*].  
**Increasing numbers of roadside halophytes** :- Danish Scurvy-grass. Foxtail Barley. Grass-leaved Orache. Lesser Sea-spurrey. Reflexed Saltmarsh-grass. Spear-leaved Orache.
- 2006 Joint Author : Foley, M.J.Y. *Calamagrostis scotica* (Druce) Druce (Poaceae), A Red Data book plant : its history, taxonomy, ecology and genetics. *Watsonia*. **26**, (1), February, 51-55.
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**Noteworthy records of species and hybrids scarce in Cumbria.** :- Blue-eyed Mary. Broad-leaved Helleborines. Bullate Cotoneaster. Charlock. Common Wintergreen. Creeping Lady's-tresses. Dark-red Helleborine. Lesser Knotweed. Lesser Twayblade. Marsh Orchid (*Dactylorhiza purpurella* var *cambrensis*). Northern Hawks-beard. Spring Gentian. Water Sedge. White Mustard. Willow hybrid (*Salix ludificans* (*S. aurita* x *S. phylicifolia*).  
**The status of the Fragrant Orchid (Gymnadenia) in Cumbria.** :- Common fragrant Orchid. Heath Fragrant Orchid. Marsh Fragrant Orchid].
- 2007 "Plant Record **152/16.65** x **67** *Carex xelytroides* (*C. acuta* x *C. nigra*) V.C. 69, Westmorland : with both parents in marsh west of roman Camp, Ambleside. NY 371034. M.S.Porter, 2005, conf. A.O.Chater, **LANC**. First Vice-county record." *Watsonia*. **26**, (3), February, 405.
- 2007 Sub-Editor. Botanical Report. Birds and Wildlife in Cumbria : 2006. 179-182. Cumbria Naturalists Union. [**Species and hybrids new to Cumbria.** :- Black Chokeberry. Bramble (*Rubus distractiformis*). Chinese Lanterns. Common Helleborine /Dark-red Helleborine hybrid. Dandelions ( *Taraxacum kemianum*. *T. tumentilobum*. *T. latissimum*. *T. adiantifrons*). Eyebrights. Garden Honeysuckle. Giant Rhubarb. Heath Spotted Orchid. Hoary Mullien. Horned Pansy. Japanese Barberry. Japanese Knotweed. Large-flowered Pink Sorrel. Least Duckweed. Marsh Spurge. New Zealand Holly. Northern Yellow-cress. Pansy (Hybrid : *Viola xcontempta*) Southern Marsh Orchid. Tartarian Honeysuckle. Thick-leaved Stonecrop. Tomato (*Lycopersicon esculentum*). Umbrella Sedge. Yellow Monkswort.  
**Noteworthy records of species and hybrids scarce in Cumbria** :- Black Alpine-sedge. Lesser Bladderwort. Maidenhair Fern. Pillwort. Pyramidal Bugle.
- 2008 Botanical Report : 2007. Birds and Wildlife in Cumbria : 2007. 179-182. Cumbria Naturalists Union. [ **Species and hybrids new to Cumbria** :- Barberry. Boxleaf Hebe. Cappadocian Maple. Dandelions (*Taraxacum lacerifolium* and *T. cestrense*). Diels Cotoneaster. Firethorn. Fuchsia (*Fuchsia magellanica*). Gold of Pleasure. Great Brome. Greater Quaking Grass. Great Lettuce (*L. virosa*). Hawkweed Oxtongue. Hjelmqvist's Cotoneaster. Hoary ragwort. Honeysuckle hybrids (*Lonicera x italica* and *L. x purpusii*). Jerusalem Cross. Northern Yellow-cress. Peach Tree. Peruvian Lily. Pheasant's tail Grass. Pink Knotweed. Scots Lovage. Shrubby Orache. Small-flowered Catchfly. Snowy Woodrush. Spineless Acaena. Tall Tutsan. Three-cornered Leek.

Trailing Bellflower. Tree Mallow. Yellow-flowered Strawberry.

**Noteworthy records of species and hybrids scarce in Cumbria :-** Crimson Clover. Greater Burnet Sage. Remote Sedge x False Fox Sedge hybrid -( *Carex x pseudoaxillaris* with *C. remota* x *C. obtrubae*). Wood Barley.

**Orchids :-** Bee Orchid (*Ophrys apifera*). Broad-leaved Helleborines (*Epipactis helleborine*). Common Spotted Orchids. Dark Red Helleborine x Broad-leaved Helleborine (*Epipactis atrorubens* x *E. helleborine*). Dune helleborine (*Epipactis dunensis tynensis*). Greater Butterfly Orchids (*Plantanthera chlorantha*). Marsh Orchids. Northern Fragrant Orchid x Northern Marsh Orchid (*Gymnadenia borealis* x *Dactylorhiza purpurella*).

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- 2009 Botanical Report, 2008. Birds and Wildlife in Cumbria, 2008. 213-216. Cumbria Naturalists Union. [Species and hybrids new to Cumbria, Non-native species :- Fringed Campion. Spring Heath. Fringed Loosestrife. Photinia. Orange Cotoneaster. Round-leaved Cotoneaster. Parrot's Feather. Apple of Peru. Rosemary. Dandelion species (*Taraxacum subbracteatum*). Gallant Soldier. Pampas Grass. Alpine Squill. Grape-hyacinth. Three-cornered Leek. **Native species :-** Bloody Dock x Broad-leaved Dock. (*Rumex sanguineus x obtusifolius*). Wood Bitter-vetch. Bedstraw. Willowherbs. Hoary Willowherb. Short-fruited Willowherb. American Willowherb. Pale Willowherb and various hybrids. Green-flowered Helleborine. **Noteworthy records of species and hybrids scarce in Cumbria :** Small White Orchid. Tormentil. Early Purple Orchid. Fragrant Orchids. Frog Orchid. Twayblade. Saw-wort. Wood Bitter-vetch. Dark-red Helleborine. Broad-leaved Helleborine. Fly Orchid. Bird's nest Orchid. Lesser Butterfly. Greater Butterfly. Yellow-wort. Water Figwort.
- 2009 "Plant Record **135/17.2**. *Picris hieracioides*. V.C. 69, Westmorland :one plant on verge of M6, Dillicar, Lowgill SD 622982. M.S.Porter,2007,. First record since 1970." Watsonia. **27**,(3), February,262.
- 2009 "Plant Record **75/32.37** *Cotoneaster dielsianus*. V.C.69,Westmorland : west end of roadside crags, north side of A66, Dubwath. NY 194315. M.S.Porter. 2002, conf. J.Fryer, **LANC**, photo. New Vice-county record" Watsonia. **27**, (3), February, 267.

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**POSTLETHWAITE, J.**

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- 1885 Trilobites of the Skiddaw Slates. Transactions Cumberland and Westmorland Association for the Advancement of Literature and Science. **10**, 71-80. With plates. [Fossils] [Geology].

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- 1886 Ornithological notes from South Cumberland. Zoologist. July, 300-301. [Location : Millom].
- 1888 A morning at the flynets on the River Duddon Estuary. Zoologist. May, 190.
- 1888 Curiosities in nesting in Cumberland. Zoologist. August, 308.

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**POUTON, Carole.**

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- 2007 Chairman's Introduction. Annual Review. Cumbria Wildlife Trust. 3.
- 2007 From the Chairman. Cumbrian Wildlife. **79**, September, 3.
- 2008 Letters - our living seas. Cumbrian Wildlife. **81**, May, 2.
- 2008 The Freshwater Biological Association finds a treasure trove of data and information. National Biodiversity Network. **38**, Autumn, 12-13.

- 2009 From the Chairman. Cumbrian Wildlife. **85**, September, 2. [Marine Wildlife].
- 2009 Joint Author : Cornish, Claire. The re-awakening of Cumbria's freshwaters. Cumbrian Wildlife. **84**, May, 15-16.
- 2010 Author : James, Trevor. Focus on Recording in Fresh Waters : Biological recording in fresh-waters. Annual Conference of the National Federation for Biological Recording. F.B.A. News. **50**, Summer, 2-3. [Speakers include Anne Powell and Stephen Hewitt].].
- 2010 Chairman's introduction to Cumbria Wildlife Trust, Annual Review, 2009-2010. p2.
- 2010 From the Chairman. Cumbrian Wildlife. **87**, May, 2.
- 2010 The Cumbrian Tarns Project. Nat. Fed. Biol. Recording. **40**, June, 9.
- 2010 The world beneath. Cumbrian Wildlife. **88**, September, 18-19. [Tarns and Lakes].
- 2011 From the Chairman. Cumbrian Wildlife. **89**, January, 2. [Invasive fauna.(*Dikerogammarus villosus*), "Killer Shrimp"].

**POWELL, Matthew.**

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- 1978 Joint Author : Davies, M. Wintering Sanderlings in Britain. Bird Studies. **25**, (1), March, 33-38. [Table 2. The most important localities for Sanderlings wintering in Britain, locations include - South Solway (Walney?) p.36]. [Migration].

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**PRATT, Colin R.**

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**PREECE, Mark.**

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- 1999 Editor : Birds and Wildlife in Cumbria : 1998. A County Natural History Report. Cumbria Naturalists Union.
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- 1993 Joint Author : Rich, T.C.G. *Cardamine bulbifera* (L.) Crantz (Cruciferae) in the British Isles. Watsonia. **19**, (4), August, 231-245]. [Record for Bowness, Westmorland. (*forma ptarmicifolia*), W. Clitheroe].

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- 1989 Orchid List : 1988. Birds in Cumbria : Spring, 1989. 73-74. Assn. Nat. Hist. Soc in Cumbria. [Orchids as listed :- Common Helleborine. Dark Red Helleborine. Marsh Helleborine. Dune Helleborine. Green-flowered Helleborine. Narrow-leaved Helleborine. Creeping Lady's Tresses. Autumn Lady's Tresses. Common Twayblade. Lesser Twayblade. Birds nest Orchid. Coral-root Orchid. Frog Orchid. Bog Orchid. Fragrant Orchid. Lesser Butterfly Orchid. Greater Butterfly Orchid. Small White Orchid. Bee Orchid. Fly Orchid. Green-winged Orchid. Early Purple Orchid. Early Marsh Orchid. Dwarf Orchid. Common Spotted Orchid. Heath Spotted Orchid. Marsh Orchid. Northern Fen Orchid. Narrow-leaved Orchid. Pyramid Orchid.
- 1989 Sub-Editor. Plant Report : 1988. Birds in Cumbria : Spring, 1989. 70-76. Assn. Nat. Hist. Soc. in Cumbria. [ **Rise and fall of plant populations** (p70-71) includes :- Basil Thyme. Birdsfoot. Danewort. Heath Cudweed. Lesser Broomrape (Nil Report). Lucerne. Narrow-leaved Everlasting Pea. Pale Toadflax. Purple Broomrape. Pyramidal Orchid. Spiguel Meu. Stagshorn Clubmoss. **Flora of Cumbria** : List received from Geoffrey Halliday. *Anemone ranunculoides*. *Carex divulsa*. *Crassula helmsii*. *Crepis setosetosa*. *Echinops sphaerocephalus*. *Galeobdolon argentatum*. *Geranium x magnificum* *Hypericum x forrestii*. *Hypochaeris glabra*. *Lychnis coronaria*. *Mentha spicata longifolia*. *Mespilus germanica*. *Myosotis scorpioides x caespitosa*. *Nyphoides peltata*. *Oenothera novae-scotica*. *Oxalis exilis*. *Peltiphyllum peltatus*. *Polystichum setiferum x aculeatum*. **Arnside and surroundings. Arnside Natural History Society.** Records supplied Charles and Margaret Webb. :- Adders Tongue. Beech Fern. Corn Spurry. Herb Paris. Large Hemp-nettle. Limestone Polypody. Meadow Saxifrage. Oak Fern. Sea Lavender. Spiked Speedwell. Spring Cinquefoil. Sweet Briar. Sweet Violet. Toothwort. Winter Aconite. Yellow Star of Bethlehem. **Trees** : Small-leaved Lime. Wild Service Tree. **Cumbrian Coast : Barrow and South Walney Reserve.** Records supplied by Tim Dean and Anne Riddell. :- Birds-eye Primrose. *Cynoglossum officinale*. Deadly Nightshade. Dutch Rush. *Echium vulgare*. *Eryngium martimum*. *Geranium sanguineum lancastriense*. Giant Bellflower. Globe Flower. Greater Horsetail. Horseshoe Vetch. *Mertensia maritima*. Nodding Bur-Marigold. *Ophrys apifera*. *Osmunda regalis*. Pepper Saxifrage. Rest Harrow - white variation. Sand Leek. Sea Kale. Sea Spleenwort. Trifid Bur-Marigold. Violas. White Bryony. **Shrub** :- Alder Buckthorn. **Kendal and surroundings (Kendal Support Group, Cumbria Wildlife Trust).** Information supplied by A.A Marshall. Records include :- Agrimony. Bog Asphodel. Bogbean. Bog Rosemary. Carline Thistle. Columbine. Common Twayblade. Cranberry. Daisy Yarrow. Globe Flower. Herb Paris. Lily of the Valley. Pink Purslane. Ploughman's Spikenard. Ragged Robin. Sweet Briar. Travellers Joy. Welsh Poppy. **Trees** :- Hawthorne. Hornbeam. Spindle. **North Cumbria, Lowland (Eden Field Club).** Information supplied by :- Roderick Corner. Terry Wells. Judy Naylor. Mike Porter. Records include :- Bladder Campion. Butchers Broom. Clustered Bellflower. Chickweed Wintergreen. Crow Garlic. Dusky Cranesbill. Evening Primrose. Gagea Lutea. Golden Saxifrage. Great Knapweed. Herb Paris. Kidney Vetch. Small Burgloss. Small-fingered Sedge. Toadflax. Toothwort. White Campion. Wild Celery. Yarrow

Broomrape. Yellow Archangel. Yellow Star of Bethlehem.

**North Cumbria : Pennine. (Eden Field Club).** Information supplied by Terry Wells. :- Alpine Cinquefoil. Alpine Forgetmenot. Birds-eye Primrose. Golden Rod. Grass of Parnassus. Great Sundew. Hoary Whitlow Grass. Marsh Arrowgrass. Mountain Everlasting. Oblong-leaved Sundew. Pink Purslane. Roseroot. Spring Gentian. Spring Sandwort. Starry Saxifrage. Three-flowered Rush. White-beaked Sedge. Yellow Marsh Saxifrage.

**Alien Plants** : *Ammi major*. Cotoneasters. Dames Violet. False Acacia. Lupins. Medlar. Tassle Hyacinth.

**Weather and Flowering** : Goldilocks. Green Hellebore. Stinking Hellebore. Winter Heliotrope.

- 1990 Sub-Editor. Orchid list : 1989. Birds in Cumbria : Spring, 1990. 87. Cumbria Naturalists Union.

[Orchid list in the order presented. **April** : Early Purple Orchid. Lesser Twayblade. **May** : Coral Root Orchid. **June** : Fly Orchid. Bee Orchid. Common Twayblade. Frog Orchid. Fragrant Orchid. Greater Butterfly Orchid. Small White Orchid. **July** : Bog Orchid. Dune Helleborine. Marsh Helleborine. Common Spotted Orchid. Marsh Orchid. Northern Fen Orchid. **August/September** : Heath Spotted Orchid. Broad-leaved Helleborine. Dark Red Helleborine. Lesser Butterfly Orchid. Pyramidal Orchid. Autumn Lady's Tresses. Green-Winged Orchid. Bird's-nest Orchid. Creeping Lady's Tresses. Narrow-Lipped Helleborine.

- 1990 Sub-Editor. Plant Report : 1989. Birds in Cumbria : Spring, 1990. 83-87. Cumbria Naturalists

Union. [ **Conservation and environmental matters** : Autumn Lady's Tresses. Fingered Sedge. Green Hellebore. Green-Winged Orchid. Hairy Violet. Heath Sedge. Marsh Cinquefoil. Spiked Speedwell. Teesdale Violet. White Star of Bethlehem.

**Kendal and surroundings (Kendal Support Group, Cumbria Wildlife Trust).** Information supplied by : - A.A., Marshall. :- Adder's Tongue Fern. Bird's Eye Primrose. Blinks. Bog Bean. Bog Pimpernel. Broad Buckler Fern. Dames Violet. Golden Rod. Hart's Tongue Fern. Heath Dog Violet. Lemon-scented Mountain Fern. Lesser Spearwort. Marsh Cinquefoil. Pink Purslane. Ragged Robin. Square-stalked Willow Herb. Three-veined Sandwort. Yellow Pimpernel.

**Shrubs / Trees** :- Broom. Guelder Rose. Small-Leaved Lime. Spindle. Tutsan. Western Gorse.

**New Sightings** : Adder's-tongue Fern. Autumn Crocus. Black Horehound. Dames Violet. Evening Primrose (Hybrid). Greater Chickweed. Indian Strawberry. Limestone fern. Maiden-Hair Fern. Meadow Saffron. Moonwort. Sea Rocket. Sorrel (*Oxalis exilis*). Spurge (*Euphorbia x pseudo-virgatum* ssp foetidus). Twiggy Mullein. Water Horse-tail. Whorled Clary. Wild Teasel.

**North Cumbria/Pennines.** Information supplied by Linda Reinecke :- Bearberry. Bog Orchid. Bog Pimpernel. Golden Rod. Green Spleenwort. Lesser Bladderwort. Moss Champion. Mountain Everlasting. Oblong-leaved Sundew. Purple Saxifrage. Roseroot. Stone Bramble.

**Weather influences** : Winter Heliotrope.

**West Cumbria (Maryport Natural History Society)** :- Black Horehound. Blinks. Blood-drop Emlets. Bog Aspidel. Bog Pimpernel. Bristle Club Rush. Butcher's Broom. Dutch Rush. Dwarf Gorse. Dyer's Greenweed. Eyebright. Field Gentian. Grass of Parnassus. Greater Knapweed. Hoary Mugwort. Lesser Skull Cap. Marsh St. John's-Wort. Marsh Valerian. Marsh Willow Herb. Meadow Saffron. Mountain Everlasting. Oyster Plants. Pearly Everlasting. Pellitory-of-the-Wall. Purple Broomrape. Pyramidal Orchid. Restharrow. Slender Rush. Star of Bethlehem. White-Beak Sedge. White Butterbur. Whorled Clary. Wood Vetch.

**Tree** : Medlar (*Mespilus germanica*). Also a marshy Field at Broughton Moor has now been designated to pen-cast", resulting in the loss of the following plants : Bristle Club Rush. Common Spotted Orchids. Lesser Butterfly Orchids.

- 1991 Sub-editor. Ferns in Cumbria. (Records include : Adder's Tongue Fern. Beech Fern. Black Spleenwort. Broad Shield Fern. Dutch Rush. Forked Spleenwort. Harts Tongue Fern hybridised with Broad Male Fern. Hay-scented Buckler Fern. Lanceolate Spleenwort. Limestone Fern. Moonwort. Oak Fern. Prickly Shield. Rigid Buckler. . Royal Fern. Tunbridge Filmy Fern. (See also Malcolm Hutcheson (1991).

- 1991 Sub-Editor. Orchid Report : 1990. Birds in Cumbria : Spring, 1991. 87-88. Cumbria Naturalists Union. [Orchids listed :- Autumn Ladies Tresses. Bee Orchid. Birds Nest Orchid. Bog Orchid. Common Helleborine. Common Spotted Orchid. Dark Red Helleborine. Early Marsh Orchid. Early Purple Orchid. Fly Orchid. Fragrant Orchid. Frog Orchid. Greater Butterfly Orchid. Green-winged Orchid. Heath Spotted Orchid. Lesser Butterfly Orchid. Marsh Orchid. Northern Marsh Orchid. Pyramidal Orchid. Small White Orchid. Sword-leaved Helleborine. Twayblade].

- 1991 Sub-Editor. Plant Report : 1990. Birds in Cumbria : Spring, 1991. 83-89. Cumbria Naturalists

Union. [**Arnside Natural History Society**. Information supplied by Charles Webb :- Bee Orchid. Greater Burnet. Northern Bedstraw. Pepper Saxifrage. Saw-wort. White Butterbur. White Star of Bethlehem. **Shrub** : Daphne mezereum (White variety)].

**Barrow Naturalists Field Club**. Information supplied by Beryl Fisher :- Bog Rosemary. Cypress Spurge. Dittander. Duke of Argyll's Tea Plant. Everlasting Pea. Fairy Foxglove. Few-flowered Fumitory. Giant Knotweed. Grass-leaved Orache. Horse Mint. Isle of Man Cabbage. Lax Sea Lavender. Montbretia. Pearly Everlasting. Tassle Hyacinth. Tree Lupin. Turk's Cap Lily. Walney Geranium. Yellow Bartsia].  
 Flora of Cumbria : New plants : *Alchemilla mollis*. Goatsbeard Spiraea. Grass Vetchling. Green Bristle-grass. Hairy Rocket. Imperforate St John's Wort. Long-leaved Speedwell. Lovage. Marsh Mallow. Shallon. Spiraea media. Tuberous Comfrey. Venus's Looking-glass. Yellow Chamomile.  
**Records of non-native species** : *Allium paradoxum*. *Anemone blanda*. *Buddleja glabosa*. *Calendula officinalis*. *Cotoneaster sternianus*. *Hemerocallis lilioasphodelus*. *Iris foetidissima*. *Lonicera involucrata*. *Paeonia officinalis*. *Papaver orientale*. *Polygonum campanulatum*. *Robinia pseudoacacia*. *Symphoricarpos orbiculatus*.. Three plants not seen since 1930 : Dwarf Elder or Danewort. Field Mouse Ear. Thin-spiked Wood Sedge.

**Foulney Island Reserve**. Information Supplied by John Richardson and Mark O'Neill :- Orache (Three types : *Atriplex hastata*, *A. littoralis*, *A. patula*). Sea Campion. Sea Sandwort. Sea Scurvy. **Grasses**. Thyme-leaved Sandwort. Grasses : Field Woodrush. Marram Grass. Sea Hard Grass. Spiked Sedge].

**Kendal Natural History Society and Cumbria Wildlife Trust (Kendal Support Group)**. Information supplied by Tony Marshall and Sarah Harvey :- Birds-eye Primrose. Bogbean. Broad-leaved Helleborine. Bulbous Lesser Celandine. Dittander. Fly Orchid. Goldilocks. Grass-leaved Orache. Greater Bladderwort. Greater Butterfly Orchid. Hairy St. John's wort. Japanese Butterbur. Lily of the Valley. Marsh Cinquefoil. Meadow Saxifrage. Moschatel. Mountain Everlasting. Narrow-leaved Everlasting Pea. Perennial Cornflower. Ploughman's Spikenard. Red Bartsia. Skunk Cabbage. Three-veined Sandwort. Wild Mignonette.

**Keswick Natural History Society**. Information supplied by Linda Reinecke :- *Aquilegia vulgaris*. Birds-eye Primrose. Chickweed Willow Herb. Felwort or Autumn Gentian. Globe Flower. Heath Spotted Orchid. Meadow Rue. Mossy Saxifrage. Mountain Sorrel. Northern Bedstraw. Purple Saxifrage. Roseroot. Scurvy Grass. Starry Saxifrage.

**Maryport Natural History Society**. Information supplied by Denis Wildridge :- Alexanders. Asarabacca. Barren Fescue. Birdsfoot. Black Horehound. Bladder Campion. Bullwort. Colombine. Cow-berry. Creeping Bellflower. Creeping Jenny. Duke of Argyll's Tea Tree. Dwarf Comfrey. Everlasting Pea. Field Gentian. Field Pansy. Fringe Cups. Globe Flower. Golden Rod. Honeysuckle (*Lonicera ledebourii*). Leopards Bane. Lungwort. Moschatel. Prostrate Juniper. Purple Broomrape. Pyramidal Orchid. Sand Leek. Shaster Daisy. Shrubby Cinquefoil. Siberian Burgloss. Skull-cap. Slender Cudweed. Solomon's Seal. Spring Snowflake. White Restharrow. Winter Aconite. Wood Anemone. Yellow Archangel. **Lichen** : *Ramalina fastigiata*.

1992 Sub-Editor. Orchid Report : 1991. Birds in Cumbria : Spring, 1991. 90. Cumbria Naturalists Union. [Autumn Lady's Tresses. Bee Orchid. Birds Nest Orchid. Bog Orchid. Broad-leaved Helleborine. Common Spotted Orchid. Coralroot Orchid. Creeping ladies Tresses. Dark Red Helleborine. Dune Helleborine. Early Purple Orchid. Fly Orchid. Fragrant Orchid. Greater Butterfly Orchid. Green winged Orchid. Heath Spotted Orchid. Marsh Helleborine. Northern Marsh Orchid. Pyramidal Orchid. Twayblade.

1992 Sub-Editor. Plant Report : 1991. Birds in Cumbria : Spring, 1991. 86-91. Cumbria Naturalists Union. [**Arnside Natural History Society**. Information supplied by C. Webb :- Autumn Ladies Tresses. Blue Moor Grass. Common Broomrape. Deadly Nightshade. Eyebright. Felwort (Autumn Gentian). Field Gentian. Goldilocks Buttercup. Green Hellebore. Green Winged Orchid. Hairy Violet. Heath Sedge. Herb Paris. Musk Mallow. Ox-eye Daisy. Spiked Speedwell. Spring Cinquefoil. Squincywort. Teesdale Violet. Toothwort. Vinca minor. White Star of Bethlehem. Wood Anemone (Yellow flowers). Wood Sage. Yellow Star of Bethlehem.  
**Barrow Naturalists Field Club**. Information supplied by B. Fisher :- Adders Tongue Fern. Bladdernut. Cliff Meadow Rue. Coral Root Orchid. Dune Helleborine. Dune Lettuce. Dusky Cranesbill. Early Purple Orchid. Fly Orchid. Giant Butterbur. Hoary Rock Rose. Skunk Cabbage. Tassle Hyacinth. Winter Heliotrope.  
**Tree** : Spindle Tree.

**Carlisle Natural History Society.** Information Supplied by E.H.Rhone :- Bird's Nest Orchid. Bog Pimpernel. Climbing Corydalis. Common Broomrape. Lesser Butterfly Orchid. Long-leaved Sundew. May Lily. Old Man's Beard. Orpine. Pink Purslane. Ribbed Melilot. Saw-wort. Stone Bramble.

**Ferns :-** Adder's Tongue Fern. Moonwort.

**Cumbria Wildlife Trust (Kendal Branch).** Information supplied by :- T. Marshall and C. Wilde :- Dark Red Helleborine. Fly Orchid. Ploughman's Spikenard, Travellers Joy.

**Ferns :-** *Athyrium felix-femina*. *Azolla filiculoides*. *Dryopteris dilatata*. *Dryopteris Felix-mas*. Maiden Hair Spleenwort (*Asplenium trichomanes*). *Polypodium vulgare*.

**Sedges and Rushes :-** Bottle Sedge. Carnation Sedge. Common Sedge. Field Woodrush. Flea Sedge. Heath Woodrush. Star Sedge.

**Shrubs :** Cotoneaster : *simonsil* and *horizontalis*.

**Kendal Natural History Society.** Information supplied by S. Harvey :- Aquilegia (Pale blue). Birds Eye Primrose. Dune Orchid. Green flowered Helleborines. Henbane. Hounds tongue. Marsh Orchid. Portland Spurge. Round-leaved Wintergreen. Vipers Burgloss. Yellow Bird's Nest. Yellow Horned Poppy.

**Fern :** Royal Fern.

**Keswick Natural History Society.** Information supplied by L. Reinecke : Aconites. Alpine Enchanter's Nightshade. Burnett Saxifrage. Daffodils. Roseroot. Snowdrops. Summer Snowflake. Wintergreen (unidentified).

**Maryport Natural History Society.** Information supplied by D. Wildridge :- Bittersweet. Bloody Cranesbill. Blue Alkanet. Butterfly Orchid. Columbine. Common Mullein. Dames Violet. Dyer's Greenweed. Evening Primrose. Flag Iris. Grape Hyacinth. Heath Spotted Orchid. Lesser Butterfly Orchid. Marsh Cinquefoil. Mullein hybrid (*Bombaciferum verbascum*). Northern Marsh Orchid. Orpine. Pale Toadflax. Purple Broomrape. Soapwort. Star of Bethlehem. Tassel Hyacinth. Teasel. Vipers Burgloss.

**Rushes :** Bullrush or Common Club Rush.

- 1993 Sub-Editor. Fern Report : 1992. Birds in Cumbria : Spring, 1992. 84. Cumbria Naturalists Union. : Ferns listed are as follows :- Adder's Tongue Fern. Beech Fern. Black Spleenwort. Brittle Bladder Fern. Green Spleenwort. Hard Fern. Lemon Scented Fern. Limestone Polypody. Maidenhair Fern. Moonwort. Oak Fern. Parsley Fern. *Polypodium cambrium*. Rusty Backed Fern. Scaly Male Fern.

- 1993 Sub-Editor. Orchid Report : 1992. Birds in Cumbria : Spring, 1992. 85. Cumbria Naturalists Union. Orchids in Cumbria :- Autumn Lady's Tresses. Bee Orchid. Bird's Nest Orchid. Broad-leaved Orchid. Common Spotted Orchid. Coral Root Orchid. Dark Red Helleborine. Dune Helleborine. Early Marsh Orchid. Early Purple. Fly Orchid. Fragrant Orchid. Greater Butterfly Orchid. Green Winged Orchid. Lesser Butterfly Orchid. Northern Marsh Orchid. Pyramidal Orchid. Twayblade.

- 1993 Sub-Editor. Plant Report : 1992. Birds in Cumbria : 1992. 79-85. Cumbria Naturalists Union. [Arnside Natural History Society. Information supplied by : - C. Webb. Adder's Tongue Fern. Alternate-leaved Golden Saxifrage. Common Bugle (White variety). Common Sea Lavender. Daphne mezereum. Deadly Nightshade. Felwort. Giant Eryngium. Greater Stitchwort. Green Hellebore. Hairy Dog Violet. Large Bittercress. Musk Mallow. Opposite-leaved Golden Saxifrage. Rock Sea Lavender. Salsify (*Tragopogon porrifolius*). Spiked Speedwell. Stinking Hellebores (also known as Setterwort). Wood Cranesbill. Wood Stitchwort. Yellow Star of Bethlehem.

**Barrow Naturalists Field Club.** Information supplied by : Mrs B. Fisher :- Bladdernut. Blue Sowthistle. Bur Marigold. Creamy Butterbur. Few-flowered Leek. Globe Flower. Great Water Dock. Henbit. Ploughman's Spikenard. Rock Spray. Tree Lupin. Walney geranium.

**Fungi :-** *Morchella elata*. *Morchella vulgaris*. (Morels).

**Foulney Island** (Cumbria Wildlife Trust). Information supplied by J. Richardson. :- Changing Forget-me-not. Common Sea Lavender. Scurvey Grass. Sea Campion. Sea Rocket. Sea Sandwort. Small Flowered Crane's-bill. Vipers Burgloss. Yellow-horned Poppy.

**Grasses :** Common Cord Grass. Lyme Grass. Marram. Red Fescue. Sea Couch Grass. Sea Hard Grass.

**Grange Natural History Society.** Information supplied by J. Adams. :- Fern (*Polypodium cambrium*). Lesser Water Plantain.

**Kendal Natural History Society.** Information supplied by : Mrs S. Harvey and M. Hutcheson :-

Adders Tongue Fern. Alpine Cat's-foot. Autumn Hawkbit. Black Bindweed. Branched Bur-reed. Broad Leaved Helleborine. Carline Thistle. Common Spotted Orchid. Common Twyblade. Dark Red Helleborine. Dune Helleborine. Early Purple x Fragrant Orchid. Early Purple Orchid. Enchanters Nightshade. Fairy Flax. Fragrant Orchid. Greater Butterfly Orchid. Hairy Bird's foot Trefoil. Heath Groundsel. Hemlock Water Dropwort. Herb Christopher (or Baneberry). Herb Paris. Hoary Whitlow Grass. Isle of Man Cabbage. Lax-flowered Sea Lavender. Leopard's Bane. Marsh Pennywort. Marsh Moonwort. Marsh Stitchwort. Marsh Valerian. Moonwort. Moschatel. Musk Mallow. Ploughman's Spikenard. Purple Loosestrife. Red Bartsia. Rock Rose. Sea Radish. Small Meadow Rue. Solomon's Seal. Spear-leaved Willow Herb. Spiked water milfoil. Spineless Hornwort. Spring Sandwort. Spurge Laurel. Squinancywort. Traveller's Joy. Valerian. Walney Geranium. Water Avens. Wild Aquilegia. Wood Pimpernel. Wood Sorrel. Yellow Bartsia. Yellow-eyed Grass. Yellow Pimpernel.

**Trees** :- Swedish Whitebeam. Wayfaring Tree. Wild Service Tree.

**Keswick Natural History Society** :- Broadleaved Helleborine. *Convallaria majalis*. Grass of Parnassus. *Saxifrage oppositifolia*.

**Maryport Natural History Society (West Cumbria)**. Information supplied by Mrs L.Reinecke :- Common Broomrape. Common Twyblade. Greater Knapweed. Herb Paris. Northern Marsh Orchid. Narrow Everlasting Pea. Purple Broomrape. Pyramidal Orchid. Sanfoin.

1994 Sub-Editor. Plant Report : 1993. Birds in Cumbria : 1993. 82-86. Cumbria Naturalists Union.

**Arnside Natural History Society**. Information supplied by Mr C.Webb :- Autumn Gentian. Autumn Lady's Tresses. Blue Globe Thistle. Common Centaury. Common Spotted Orchid. Coral Root Bitter Cress. Cowslips. Early Purple Orchid. Field Gentian. Fly Orchids. Goldilocks. Greater Butterfly Orchid. Green Hellebore. Green Winged Orchid. Knotted Hedge Parsley. Lesser Celandine. Ox-eye Daisy. Rock Sea Lavender. Rose Campion. Spiked Speedwell. Square-Stalked Willow Herb. Stinking Hellebore. Stinking Iris or the Roast Beef. Teesdale Violet. *Viola odorata*. *V. hirta*. *V. riviniana*. White Butterbur. Winter Aconites.

**Trees** : Hazel. Wild Service Tree.

**Barrow Naturalists Field Club**. Information supplied by Mrs B. Fisher :- Butcher's Broom. Common Broomrape (Yellow flowers). Duke of Argyle's Tea Tree. Isle of Man Cabbage. Martagon lily. Variety of Orchids - not identified. Oregon Grape. Skunk Cabbage. Spring Squill. Star of Bethlehem. Tassle Hyacinth.

**Carlisle Natural History Society**. Information supplied by Mr Geoff Naylor :- Adder's Tongue. Alpine Catchfly. Annual Knawel. Bird's-foot Sedge. Bird's-nest Orchid. Broad-leaved Ragwort. Dwarf Mallow. Dwarf Milkwort. Greater Cuckoo flower (Discovered by F.J.Roberts). Hair Sedge. Hare's foot Clover. Heath Cudweed. Hedgerow Cranesbill. Lucerne. Masterwort. Moonwort. Mossy Saxifrage. Narrow-leaved Helleborine. Pepper Saxifrage. Salt Marsh Flat-sedge. Sanfoin. Sea Hard Grass. Sea Spurge. Stagshorn Club Moss. Tassle Hyacinth.

**Fungi** :- "A fungus foray to Miltonrigg Wood ... produced over 80 species, notable included :- *Ascocoryne cylichnium*. *Thelephora palmata* and *T. terrestris*. *Russula heterophylla*.

**Eden Field Club**. Information supplied by Mr T. Wells :- Alpine cinquefoil. Alpine Forget-me-not. Burnet Saxifrage. Chick-weed Willow Herb. Common Spotted Orchid. Common Twayblade. Early Marsh Orchid. Early Purple Orchid. Eyebright. Field Gentian. Field Scabious. Fragrant Orchid. Frog Orchid. Grass of Parnassus. Hairy Stone-crop. Hoary Whitlow Grass. Marsh Hawksbeard. Saxifrage. Knotted Pearlwort. Lady's Bedstraw. Marsh lousewort. Marsh Valerian. Meadowsweet. Melancholy Thistle. Mountain Ever-lasting. Northern Bedstraw. Northern Marsh Orchid. Pimpernel-leaved willow herb. Roseroot. Rough Hawkbit. Small White Orchid. Sundew (*Drosera rotundifolia*. *D. angelica*. *D. intermedia*). Water Avens. Wild Thyme. Wood Anemone. Wood Cranesbill. Yellow Rattle. Zig-Zag clover.

**Grasses** : Alpine Cat's Tail. Foxtail Grass.

**Sedges** : Carnation Sedge. Common Sedge. Common Yellow Sedge. Flea Sedge. Glaucous Sedge. Oval Sedge. Pale Sedge. Pill Sedge. Star Sedge. Tall Bog Sedge. Tawny Sedge.

**Kendal Natural History Society** . Information supplied by Mrs S. Harvey :- Alpine Bartsia. Birds-eye Primrose. Alpine Bistort. Bee Orchid. Butterbur-family (*Petasites albus*). Caraway (*Carum carvi*). Coral Root Orchid. Dune Helleborine. Early Marsh Orchid. Grass of Parnassus. Great Lettuce. Herb Paris. Marsh Helleborine. Marsh Violet. Portland Spurge. Round leaved Wintergreen. Small Fleabane. Thyme-leaved speedwell. Toothwort. Western Gorse. Winter Heliotrope. Wood Sanicle.

**Kendal Support Group (Cumbria Wildlife Trust).** Information supplied by Mr Tony Marshall :- Bog Myrtle. Bog Rosemary. Broad Buckler Fern. Broad-leaved Helleborine. Common Polypody. Common Spotted Orchid. Common Twayblade. Hartstongue. Fly Orchid. Maiden-hair Spleenwort. Male Fern. Wall Rue.

**Trees :-** Alder. Scots Pine. Sessile Oak. Silver Birch.

**Keswick Natural History Society.** Information supplied by Mrs L. Reineke :- Alpine Lady's Mantle. Bilberry. Cowberry. Crowberry. Dwarf Willow. Fairy Flax. Golden Rod. Hairy Rock Cress. Hairy Thyme. Heather. Lesser Meadow Rue. Lesser Spearwort. Marsh Violet. Mossy Saxifrage. Northern Bedstraw. Purple Saxifrage. Red Campion. Rose Root. Small Meadow Rue. Spring Sandwort. Starry Saxifrage. Water Aven. Wild Angelica. Wood Anemone. Wood Cranesbill. Yellow Mountain Saxifrage.

**Club Mosses :-** *Huperzia selago*. *Diphasiastrum alpinum*, *Selaginella selaginoides*.

**Grasses and Sedges :-** Common Yellow Sedge. Fir Club Moss. Flea Sedge. Glaucous Meadow Grass. Green Spleenwort. Star Sedge. Stiff Sedge. Viviparous Fescue. White Beak Sedge.

**Maryport Natural History Society.** Information supplied by Mrs L. Reineke :- Adder's Tongue Fern. Common Sea Lavender. Early Purple Orchid. Lax-flowered Sea Lavender. Northern Marsh Orchid. Purple Broomrape. Pyramidal Orchid. Sancile. Spurge Laurel.

1995 Sub-Editor. Plant Report : 1994. Birds in Cumbria : 1994. 85-89. Cumbria Naturalist Union.

**Arnside Natural History Society.** Information supplied by Charles Webb. Adders Tongue. Autumn Gentian. Autumn Lady's Tresses. Bee Orchid. Birds-nest Orchid. Common Centaury. Common Spotted Orchid. Coral Root Bittercress. Dark Red Helleborine. Early Marsh Orchid. Field Gentian. Fly Orchid. Golden Saxifrage. Green Winged Orchid. Large Bittercress. Marsh Fern. Moonwort. Narrow Buckler Fern. Narrow leaved Bittercress. Rue-leaved Saxifrage. Sandwort. Sea Pearlwort. Spring cinquefoil. Twyblade.

**Barrow Naturalists Field Club.** Information supplied by Beryl Fisher :- *Alchemilla conjuncta*. Bee Orchid. Blue Eyed Grass. Centaury. Cliff Meadow Rue. Common Melilot. Common Spotted Orchid. Coral-root Orchid. Dusky Cranesbill. Early Marsh Orchid. Early Purple Orchid. Few flowered Leek. Fly Honeysuckle. Fly Orchid. Fragrant Orchid. Giant Horsetail. Globe flower. Goldilocks. Grass of Parnassus. Greater Butterfly Orchid. Great Woodrush. Herb Paris. Horseshoe Vetch. Leopards Bane. Lesser Butterfly Orchid. Moonwort. Moschatel. Mountain Everlasting. Oregon Grape. Peach-leaved Bell Flower. Toothwort. Vipers Burgloss. White Butterbur. White Melilot. Wild Columbine.

**Carlisle Natural History Society.** Information supplied by Geoff Naylor : Bottle Sedge. Brown Sedge. Carnation Sedge. Common Sedge. Common Twyblade. Early Purple Orchid. Flea Sedge. Fragrant Orchid. Frog Orchid. Glaucous Sedge. Goldilocks. Heath Spotted Orchid. Hoary Rockcress. Lancashire Whitebeam. Lesser Pond Sedge. Long-bracted Sedge. Northern Marsh Orchid. Portland Spurge. Prickly Sedge to be confirmed. Rock Samphire. Southern Polypody. Spiked speedwell. Spike Rush. Spotted Cat's Ear. Spring Sedge. Tawny sedge. Wood Rush.

**Eden Field Club.** Information supplied by M. Gregory. Adders Tongue Fern. Agrimony. Birds-nest Orchid. Bog Asphodel. Bog Rosemary. Broad Leaved Cotton Grass. Broad Leaved Helleborine. Butterwort. Cloudberry. Common Club Rush. Common Spotted Orchid. Cowberry. Cowslip. Cranberry. Cross-leaved Heath. *Drosera longifolia*. Dutch Rush. Dyers Greenweed. Early Marsh Orchid. Felwort. Frog Orchid. Globeflower. Grass of Parnassus. Hard Shield Fern. Juniper. Kidney Vetch. Lesser Butterfly Orchid. Lesser Twyblade. *Listera ovata*. Marestalk. Melancholy Thistle. Moonwort. Parsley Fern. Pellitory-of-the Wall. Petty Whin. Prickly Sedge. Purple Loosestrife. Pyrenean Valerian. Round Leaved Sundew. Sand Spurry. Small Toadflax. Smith's Pepperwort. Stagshorn Clubmoss. Wall Whitlowgrass. Wilson's Filmy Fern.

**Trees :** Field Maple. Large Leaved Lime. Norway Maple. Thorn Apple.

**Foulney Island (Cumbria Wildlife Trust).** Information Supplied by C J.Richardson :- Cocksfoot. Common Cord Grasses. Creeping Soft Grass. Henbane. Marram Grass. Perennial Rye Grass. Red Bartsia. Red Fescue. Sea Beet. Sea Kale. Sheep's Fescue. Yellow-horned Poppy. Yorkshire fog.

**Grange Natural History Society.** Information supplied by S.Allen :- Bird's Eye Primrose. Bogbean. Columbine. Cowslip. Daphne laureola and D. mezereum. False oxslip. Giant Bellflower. Golden Rod. Goldilocks. Grass of Parnassus. Green Spleenwort. Hoary Rockrose. Maiden Hair Fern. Meadow Saffron. Monkshood. Moschatel. Norwegian Cinquefoil. Oxslip. Pink Purslane. Ploughman's Spikenard. Sheep's Bit. Spiked Speedwell. Vipers Burgloss. Water lilies

(White and Yellow). White-beaked sedge.

**Kendal Support Group (Cumbria Wildlife Trust).** Information supplied by T. Marshall. :- Black Spleenwort. Bog Asphodel. Bog Bean. Bog Stitchwort. Bulbous Rush. Burnet Saxifrage. Carnation Sedge. Common Duckweed. Common Sedge. Compact Rush. Garlic Mustard. Goldilocks. Hart's tongue Fern. Heather (*Calluna vulgaris*). Heath Rush. Lesser Spearwort. Maiden-hair Spleenwort. Male Fern. Marsh Marigold. Marsh Pennywort. Marsh Speedwell. Oval Sedge. Parsley-piert. Pink Purslane. Ramsons. Sea Milk Wort. Sharp flowered Rush. Soft Rush. Star Sedge. Tubular Water Dropwort. Water Starwort. White Sedge. Wood Anemone. Wood Ruff. Wood Sorrel. Yellow pimpernel.

**Kendal Natural History Society.** Information supplied by Mrs S Harvey :- Autumn Gentian. Barberry. Bloody Cranesbill. Brittle Bladder Fern. Chaffweed. Common Broomrape. Common Rock Rose. Creeping Lady's Tresses. Eglantine. Hairy Violet. Hemlock. Hoary Rock Rose. Lily of the Valley. Long-stalked Cranesbill. Maiden-hair Spleenwort. Mignonette. Moonwort. Musk Mallow. Narrow-leaved Everlasting Pea. Purple Broomrape. Pyramidal Orchids. Ragged Robin. Red Bartsia. Ribbed Melilot. Rock Rose. Rue-leaved Saxifrage. Sand Leek. Sanfoin. Slender Heath Bedstraw. Squinancy wort. Small Scabious. Stinking Hellebore. Sweet Briar. Teesdale Violet. Tree Lupin. Wild cotoneaster. Winter Heliotrope. Wood Cranesbill.

**Trees :** Small-leaved Lime. Wild Service Tree.

**Maryport Natural History Society.** Information supplied by Mrs E. Marper :- Betony. Broad-leaved Helleborine. Celery-leaved Buttercup. Common Spotted Orchid. Frog Orchid. Globe Flower. Greater Butterfly Orchid. Hairy Tare. Harebells. Hart's Tongue. Kidney Vetch. Lesser Celandine. Marsh Pennywort. Ragged Robin. Salt Marsh Flat Sedge. Sea Beet. Sea Campion. Sea Kale. Spiny rest Harrow. Wall Rue. Wild Strawberries (*Fragaria vesca*). Wood Sorrel.

1996 Sub-Editor. Plant Report : 1995. Birds and Wildlife in Cumbria : 1995. 78-84. Cumbria

Naturalists Union. Society Reports as follows :-

**Ambleside Field Society.** Information supplied by Sylvia Kaines :- Bird Cherry trees. Bird's-eye Primrose. Black Bryony. Bluebells. Bog Asphodel. Butterwort. Common Valerian. Early-purple Orchid. Goldilocks. Heath-spotted Orchid. Lousewort. Melancholy Thistle. Primroses. Sanicle. Sweet Cicely. Toothwort on a Sycamore stump. Wood-sorrel.

**Arnside Natural History Society.** Information submitted by Charles Webb :- Adder's-tongue fern. Alternate-leaved Golden-saxifrage. Autumn Gentian. Autumn Lady's-tresses. Baneberry Herb Christopher. Beech Fern. Bee Orchid. Coralroot. Common Dog-violet. Common Milkwort. Common Scurvygrass. Common Spotted-orchid. Common Twyblade. Common Whitlow Grass. Cornsalad (Lamb's lettuce). Cowslip. Danish Scurvygrass. Early Dog-violet. Early-purple Orchid. Field Gentian. Greater Butterfly-orchid. Green Hellebore. Green-winged Orchid. Guelder-rose. Hairy violet. Lesser Butterfly-Orchid. Marsh Valerian. Marsh violet. Mezeron. Northern Marsh Orchid. Oak Fern. Opposite-leaved Golden-saxifrage. Purging buckthorn. Rockroses. Rock Samphire. Snowdrop. Spiked Speedwell. Sweet violet. Teesdale violet. Avens. Wood Anemone. Wood Avens. Yellow Figwort. Yellow Star-of-Bethlehem.

**Barrow Naturalists Field Club and Photographic Society.** Information submitted by Beryl Fisher. Angular Solomon's-seal. Bugloss. Butcher's Broom. Columbine. Common Evening-primrose. Common Fleabane. Common Morel (Fungi). Common Spotted-orchid. Common Tyeblade. Coralroot Orchid. Fragrant Orchid. Greater Butterfly-orchid. Great Lettuce. Green Hellebore. Hare's -foot Clover. Heath Spotted-orchid. Henbane. Herb Paris. Hoary Plantain. Hound's-tongue. Isle of Man Cabbage. Leopard's bane. Marsh Cinquefoil. Narrow-lipped Helleborine. Northern Marsh Orchid. Oregon-grape. Rockspray or Small-leaved Cotoneaster. Sand Leek. Sickie Medick. Skunk-cabbage. Small Balsam. Spurge-laurel. Stinking Hellebore. Tassel Hyacinth. Toothwort. White Butterbur. Yellow-wort.

**Carlisle Natural History Society.** Information submitted by Geoff Naylor :- Beech Fern. Bird's-eye Primrose. Bird's-nest Orchid. Black Bog-rush. Common Butterwort. Creeping Lady's Tresses - colony destroyed near Welton. Downy Currant. Dwarf Gorse. Dwarf Milkwort. Early-purple Orchid. Field Gentian. Fir Clubmoss. Great Fen-sedge. Hoary Mugwort. Limestone Fern. Lucerne. Marsh Speedwell. Masterwort. Mountain Male-fern. Mugwort. Narrow Buckler-fern. Narrow-leaved Helleborine. Oak Fern. Petty Whin. Portland Spurge. Rigid Buckler-fern. Rue-leaved Saxifrage. Rustyback Fern. Sea Spurge. Sickie Medick. Soapwort. Spring Cinquefoil. Tassel Hyacinth. Toothwort. Trifid Bur-Marigold. Wilson's Filmy-fern.

**Grange Natural History Society.** Information submitted by J.Adams and David Benham :- Bee

Orchid. Broad-leaved ragwort. Greater Butterfly Orchid. Lesser Bladderwort. Lucombe Oak. Marsh Helleborine. Mezerion. Pendulous Sedge. Round-leaved Wintergreen. Stinking Iris.  
**Kendal Natural History Society.** Information submitted by Sarah Harvey. Angular Solomon's seal. Birds-eye Primrose. Birds-foot Sedge. Bloody Cranes-bill. Broad-leaved Helleborine. Common Marsh-bedstraw. Common Wintergreen. Dark Red Helleborine. Dyers Greenweed. Early Marsh Orchid. Fragrant Orchid. Frog Orchid. Greater Bird's-foot trefoil. Greater Butterfly-orchid. Heath-spotted Orchid. Herb Paris. Horse-radish. Jacobs Ladder. Lily-of-the-valley. Melancholy Thistle. Moonwort. Northern Marsh Orchid. Portland Spurge. Pyramidal Orchid. Royal Fern. Sea Milkwort. Solomon's Seal. Stinking Hellebore. Thyme-leaved Speedwell. Tree Lupin. Triangular Club-rush. Wild Onion. Yellow Bartsia.

**Kendal Support Group, (Cumbria Wildlife Trust).** Information submitted by C.W.T. :- Angelica. Barren Strawberry. Bracken (Fern). Broad Buckler-fern. Broad-leaved Helleborine. Broom. Common Gromwell. Common Orache. Common Spotted-orchid. Common Twyblade. Corn Marigold. Dark Red Helleborine. Field Wood Rush. Great Wood Rush. Hart's-Tongue (Fern). Heath Wood Rush. Hemlock Water-dropwort. Herb-Robert. Himalayan Cotoneaster. Jointed Rush. Lady's Mantle. Maidenhair Spleenwort (Fern). Male-fern. Meadow Crane-bill. Monkeyflower. Moschatel. Ploughman's spikenard. Potentilla. Red Bartsia. Rigid Buckler-fern. Rustyback (Fern). Sanicle. Shining Cranes-bill. Silver weed. Soft Rush. Solomon's Seal. Toad Rush. Tormentil. Travellers Joy. Turnip. Wall Rue (Fern). Wild Basil. Wood Crane's-bill. Wood Rush.

**Trees :** Ash. Hawthorne. Hazel. Spindle. Sycamore.

**Keswick Natural History Society.** Information submitted by Linda Reineke :- Alternate-leaved Golden-saxifrage. Betony. Bitter-vetch. Buck's Beard. Common Spotted-orchid. Common Wintergreen. Fairy Flax. Goldenrod. Heath Spotted-orchid. Herb Robert. Melancholy Thistle. Mountain Everlasting. Pigmyweed. Small Scabious. Sneezewort. Stone Bramble. Wild Marjoram. Woodruff. Yellow Pimpernel.

**Trees :** Beech. Sessile Oak. Silver Birch. Whitebeam.

**Maryport and District Natural History Society.** Information supplied by Edna E. Marper :- Bluebells. Bog-myrtle. Bog Rosemary. Branched Bur-reed. Brittle Bladder-fern. Broad-leaved Helleborine. Common Spotted-orchid. Cranberry. Crosswort. Fringed Water-lily. Gypsywort. Hoary Mugwort. Knotted Pearlwort. Lesser Marshwort. Limestone Fern Northern Marsh Orchid. Marsh St John's-wort. Parsley Fern. Pendulous Sedge. Primrose. Ragged Robin. Rock Samphire. Rough Horsetail. Royal Fern. Salad Burnet. Sanicle. Saw-wort. Sea Beet. Sea Bindweed. Sea Kale. Sea Plantain. Sea Spurry. Shoreweed. Sweet Vernal grass. Three-nerved Sandwort. Water Plantain. Water Mint. Water-purslane. Wood Sorrel. Wood Stitchwort. Yellow Archangel. Yellow-horned Poppy.

1997 Sub-Editor. Plant Report : 1996. Birds and Wildlife in Cumbria : 1996. 77-81. Cumbria Naturalists Union. Society Reports as follows:-

**Arnside Natural History Society.** Information Submitted by Charles Webb : Alternate-leaved Golden-saxifrage. Basil Thyme. Biting Stonecrop. Bloody Crane's-bill. Butterbur. Common Spotted-orchid. Common Rock-rose. Dark Red Helleborine. Deadly Nightshade. Dropwort. Field Garlic. Field Gentian. Fly Orchid. Greater Butterfly Orchid. Greater Sea-spurrey. Green-winged Orchid. Hairy Rock-cress. Knotted Hedge-parsley. Knotted Pearlwort. Long-stalked Crane's-bill. Meadow Saxifrage. Milkwort. Musk-mallow. Ramsons. Sand Leek. Rock Sea-lavender. Saw-wort. Sea Arrowgrass. Sea Champion. Sea-purslane. *Scopolia carniolica*. *Spiked Speedwell*. Spring Cinquefoil. Spring Sandwort. Sweet Violet. Tall Melilot. Teesdale Violet. Toothwort. Wild Carrot. Wild Onion. Wild Parsnip. Winter Aconite. White Stonecrop. Yellow Star of Bethlehem.

**Trees :-** Wayfairing. White Beam.

**Barrow Naturalist's Field Club and Photographic Society.** Information submitted by Beryl Fisher : American Skunk-cabbage. Autumn Lady's-tresses. Bee Orchid. Bloody Crane's-bill. Blue-eyed Grass. Butchers-broom. Common Spotted-orchid. Dark-red Helleborine. Dyer's Greenweed. Early Marsh Orchid. False Oxslip. Fly Orchid. Fox and Cubs. French Cranes-bill (Garden escape?). Giant Bellflower. Green Alkanet. Green Hellebore. Hautbois Strawberry. Heath Spotted Orchid. Hemlock. Hoary Rock-rose. Hoary Stock. Horsehoe Vetch. Hounds-tongue. Jacob's Ladder. Lesser Meadow-rue. Lucerne. Northern Marsh Orchid. Royal Fern. Tree Lupin. Turk's-cap Lily. Moschatel. Peach-leaved Bellflower. Sand Leek. Star of Bethlehem.

Stinking Hellebore. Tansy. White Butterbur. Wild Columbine. Wild Marjoram. Yellow Archangel.

**Kendal Natural History Society.** Information submitted by D. Cousins :- American Skunk-cabbage. Beech Fern. Bird's-eye Primroses. Biting Stonecrop. Bog-rosemary. Broad-leaved Helleborine. Butterwort. Carlina Thistle. Common Dog Violet. Common Twayblade. Cowslips. Dark-red Helleborine. Large Yellow-sedge. Limestone Fern. Early-purple Orchid. Goats's-beard. Greater Spearwort. Lousewort. Marsh Cinquefoil. Marsh Marigolds. Marsh Valerian. Marsh Violet. Mountain Everlasting. Mountain Pansy. Round-leaved Sundew. Royal Fern. Rue-leaved Saxifrage. Water Avens. Wood Anemone. Wood Crane's-bill.

**Cumbria Wildlife Trust, Kendal Support Group.** Information supplied by A. Marshall. Bird's-foot Sedge. Black Bryony. Blackthorn. Common Twayblade. Daffodil. Enchanters-nightshade. Giant Bellflower. Giant Hogweed. Goat Willow. Guelder-rose. Hairy St John's-wort. Hemp-agrimony. Herb Paris. Lily of the Valley. Marsh Arrowgrass. Marsh Yellow-cress. Moonwort. New Zealand Willow-herb. Rowan. Slender St John's Wort. Spindle. Tutsan. Wood Cranesbill.

**Grange and District Natural History Society .** Information supplied by J. Adams. :- Angular Solomon's seal. Broad-leaved Helleborine. False Oxlip. Herb Paris. Limestone Bedstraw. Sanicle. Squinancywort. Tutsan. Wild Marjoram.

**Keswick Natural History Society.** Information supplied by Linda Reineke :- Clubmoss (*Lycopodium annotinum*). Common Twayblade. Cowberry. Fragrant Orchid. Frog Orchid. Greater Butterfly-orchid. Heath Spotted-orchid. Mountain Sorrel. Purple Saxifrage. Pyramidal Orchid. Roseroot. Thyme. Tormentil. Yellow Saxifrage.

**Maryport & District Natural History Society.** Information supplied by Edna Marper. Bird's-foot Trefoil. Bog Asphodel. Bog-orchid (Nil) Report. Branched Bur-reed. Common Rock-rose. Common Spotted-orchid. Crested Hair-grass. Dog's Mercury. Early-purple Orchid. English Stonecrop. Great Sundew. Ground Ivy. Gypsywort. Hart's-tongue fern. Herb-Robert. Ivy-leaved Toadflax. Lesser Meadow-rue. Lords and Ladies. Maidenhair Spleenwort. Marsh Pennywort. Monkeyflower. Northern Marsh Orchid. Opposite-leaved Golden-saxifrage. Primrose. Purple Loosestrife. Round-leaved Sundew. Rue-leaved Saxifrage. Sand Sedge. Sand Leek. Saw-wort. Shining Crane's-bill. Skullcap. Spurge Laurel. Sweet Cicely. Sweet Woodruff. The Hop. Wall-rue Spleenwort. Water Mint. Water Plantain. Western Gorse. Wild Thyme. Wood Avens. Yellow Rattle.

**SHUFFREY, W. A.**

1899 *Lobelia dortmanna* in Lakeland. The Naturalist. 162. [Location : Windermere].

**SHUTTLEWORTH, Edmund.**

1882 Notes from Grange-over-Sands and Witherslack. Entomologist. **15**, (229), June, 125-127.

1884 Notes from Witherslack. (Also :- Meathop Moss and Faraway Moss). Entomologist. **17**, (248), January, 4-8.

**SIBLY, R. M.**

1985 Joint Author (McCleery, ?). Optimal decision rules for Herring Gulls. Animal Behaviour. **33**, 449-465. [Location : Walney Island].

**SIDGWICK, N. V.**

1894 New localities for plants of the Lake District. The Naturalist. 49 - 51.

**SIKES, R. H.**

1889 Eggs of *Tringa alpina* in Cumberland. Nat. Hist. Jnl. **15**, October, 126.

**SILBY, R. M.**

1983 Joint Author : McCleery. Distribution between feeding sites of Herring Gulls breeding at Walney Island, U.K. Jnl of Anim Ecol. **52**, 51-68.

**SIM, Innes M. W.**

2005 Joint Authors : Gregory, Richard D., Hancock, Mark H. & Brown, Andrew, F. Recent changes in the abundance of British Upland breeding birds. Bird Study. **52**, (3), November, 261-275. [Some statistical data for the Lake District and Northern Pennines].

2008 Joint Authors : Eaton, Mark A., Setchfield, Rosemary., Warren, Philip K & Lindley, Patrick. Abundance of male Black Grouse (*Tetrao tetrix*) in Britain in 2005, and change since 1995-1996. Bird Study. **55**, (3), November, 304-313.

**SIMMONDS, S. P.**

1964 *Chirosia crassiset*a Stein (Dipt., Muscidae) on Bracken in Lancashire. Ent. mon. Mag. **100**,

March/April, 80. [Location : Cartmel Fell, Lindale].

**SIMMS, Colin.**

1969 Note on the Herbaria of John and James Dalton. J. Soc. Biblioph. Nat. Hist. **5**, (2), 117-120.

**SIMON, B. M.**

1977 Joint Author : Jones, J.G. Increased sensitivity in the measurement of ATP in freshwater samples. with a comment on the adverse effect of membrane filtration. Freshwat Biol. **7**, 353-260.

**SIMPSON, Colin.**

1989 Dorothy Farrer's Spring Wood. (Stavely). Cumbrian Wildlife. **25**, (n.s), September. 10.

1990 Dorothy Farrer's Spring Wood Reserve. Cumbrian Wildlife. **28**, August, 3.

1998 Author : Houston, Mike. Colin Simpson - man of the trees. Conserving Lakeland. **31**, Summer, 4-5. [Woodland conservation] [Forestry].

1998 Joint Author : Shepley, Alan. Trees, woods and the wider countryside of Cumbria. Cumbrian Wildlife. **52**, October, 9-14. [Woodland conservation].

2004 Oak Galls : Photographs. Cumbrian Wildlife. **68**, January, 32.

**SIMPSON, D. A.**

1979 The problem of *Elodea michx.* Watsonia. **12**, (4), August, 398. [Location : Esthwaite Water].

1984 A short history of the introduction and spread of *Elodea michx* in the British Isles. Watsonia. **15**, (1), January, 1-9. [Reference to the spread of *E. nuttallii* on Westmorland. p98].

1988 Phenotypic plasticity of *Elodea nuttallii* (Planch.) H. St John. and *Elodea canadensis* Michx in the British Isles. Watsonia. **17**, (2), July, 121-132. [Locations include : Windermere. River Lune, Lancaster-Kendal Canal. Burton in Kendal].

**SIMPSON, David.**

2001 What ever happened to the Ravenglass Gullery. British Wildlife. **12**, February, 153-162. [Reference to Niko Tinbergen].

**SIMPSON, Doug.**

2004 Red Kite. Cumbria's Raptors - Past, Present and Future. The 2003 North of England Raptor Conference Report. 17-19. Cumbria Raptor Study Group.

**SIMPSON, Richard.**

1994 Domain of the Deer under pressure. Cumbria. **43**, (11), February, 22-23. [Location : Martindale].

1994 The Vendace. Cumbria Life. **32**, January-February. 32-33.

**SIMPSON, S.**

1841 Dryopteris villarii (as Lastrea rigida) from Arnside Knott. Phytologist. **1**. 90.

**SINCLAIR, M.**

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## **WILDFOWL AND WETLANDS TRUST.**

- Wildfowl and Wader Counts. Results of the National Wildfowl Counts and Birds of Estuaries Enquiry in the United Kingdom. This publication is a co-operative project involving The Wildfowl Trust, (later W.W.T), British Trust for Ornithology, Nature Conservancy Council and the Royal Society for the Protection of Birds. [Species recorded include :- Divers. Grebes. Ducks. Geese. Swans. Waders. Gulls. Terns. Skuas and other water birds]. The choice of locations over the years has remained relatively stable and Cumbrian locations include :- Dudden Estuary. Morecambe Bay. Rivers Eden and Irt. Solway Firth. Solway (Inner). Dudden Estuary. Windermere.
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*Hypsilophus marginellus. Brutalis fusco-oenea. Argyresthia sorbiella. A. aurulentella. Cedestris farinatella. Gracilaria alchimella. Ornix avellanella. Coleophora caespititiella. C. fuscadinella. Lavema atra. Lithocolletis quercifoliella.*

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## **APPENDIX 1.**

### **CUMBERLAND GEOLOGICAL SOCIETY : PROCEEDINGS;** **A brief listing of papers 1990-2008.**

#### **ANON**

- 1998 Dennis Wildridge : an Obituary. **6**, (2), 300.  
1998 Walter Annis : an obituary. **6**, (2), 300.  
2010 Cleator Moor Mines. Field Excursion. 20<sup>th</sup> May, 2009. **7**, (4) ,413-415.  
2010 Cross Fell and the Pennine Escarpment. Field Excursion. 4<sup>th</sup> July, 2009. **7**, (4),,421-422.  
2010 Ghyll Scar Quarry, Millom. Field excursion. 26<sup>th</sup> April, 2009. **7**, (4), 409-412.  
2010 Glenridding landforms and landscapes Field Excursion. 21<sup>st</sup> September, 2008. **7**, (4), 409.  
2010 Keltonfell top, Ennerdale. Field Excursion. 2<sup>nd</sup> July, 2008. **7**, (4), 406-408.  
2010 Parkend Quarry, Caldbeck. Field Excursion. 14<sup>th</sup> May, 2008. **7**, (4), 403-405.  
2010 Shapfell limestone quarry. Field Excursion. 7<sup>th</sup>, June, 2009. **7**, (4), 403-405.  
2010 The geology of the Tilberthwaite Area. Field Excursion. 14<sup>th</sup> June, 2009. **7**, (4), 415-420.  
2010 The Newlands Valley. Field Excursion. 26<sup>th</sup> April, 2008. **7**, (4), 401.

#### **BELL, Andrew.**

- 1996 The Windermere group between Troutbeck and Kendal. Field Excursion 8<sup>th</sup> October, 1994. **6**, (1), 80-81.
- 2008 Skiddaw group rocks in the Brampton inlier and the surrounding Borrowdale volcanoes. **7**, (3), 317-318.
- 2008 Tectonics and climate change in the Carboniferous of the Sedburgh District. **7**, (3), 326-327.
- BENNETT, Margaret.**
- 2000 John Frederick Norman Green (1875-1949) An eminent Amateur Geologist. **6**, (3), 395-397.
- BOARDMAN, J.**
- 1992 Quaternary landscape evolution in the Lake District : A discussion. **5**, (3), 285-315.
- BOLAND, Martin.**
- 1996 The Upper carboniferous of the Cockermouth area. Field Excursion. 19<sup>th</sup> June, 1994. **6**, (1), 73-75.
- BRADLEY, Steve.**
- 2002 Rivers, landscapes and man : a system in equilibrium? **6**, (4), 614-616.
- BRAMBLES, Geoff.**
- 2010 The many uses of Shap Granite. **7**, (4), 365-370.
- BRIDGE, Dave.**
- 1998 Copper mines of the Lake District. **6**, (2), 284-286.
- 2004 Early mining in the Lake District. **7**, (1), 109-111.
- BROWN, Stewart.**
- 1994 North Sea Hydrocarbon plugs. **5**, (4), 501-502.
- BURGESS, I. C.**
- 1994 Joint Author : Mitchell, M. Origin of limestone pavements. **5**, (4), 405-412.
- 2002 The Carboniferous limestones of Yewbarrow and Beck Head. Field Excursion. 19<sup>th</sup> September, 2000. **6**, (4), 598-602.
- CAMERON, A. D.**
- 1992 Honister Crag and Yew Crag Slate Quarries. Field Excursion 16<sup>th</sup> September, 1990 and 21<sup>st</sup> April, 1991. **5**, (3) : 351-352.
- CHADWICK, Andy.**
- 1998 Deep geology and fault reactivation in Northern England. **6**, (2), 293-295.
- CHAPLOW, Bob.**
- 1996 The recent geological investigations around the Sellafield area. **6**, (1), 108-111.
- CLARK, D.**
- 1994 The challenge of the Lake District's big landforms. **5**, (4), 502-504.
- CLARK, Richard.**
- 1992 A possible late incursion of Scottish Ice into North Cumbria : a short communication. **5**, (3), 326-330.
- 1992 Glaciation of Low Furness : the problems of the Irish Sea re-advance. Joint Meeting with Farnham Geological Society. 8<sup>th</sup> June, 1991. **5**, (3), 355-358.
- 1992 The last glaciation in Cumbria. **5**, (3), 378-380.
- 1994 The Skiddaw Massif problem. **5**, (4), 437-448.
- 1998 Joint Author : Smith, R.A. The recent investigations into the Quaternary geology of West Cumbria. **6**, (2), 203-225.
- 1998 Thomas Hay, Lake District physiographer. **6**, (2), 171-182.
- 2002 The Solway region in the late Pleistocene. **6**, (4), 553-586.
- 2004 How old is the Lake District landscape? **7**, (1), 37-45.
- 2004 The distinctiveness of the Southern Lake District landscape. **7**, (1), 46-57.
- 2006 On identifying frontal positions of Lake District valley glaciers. **7**, (2), 162-176.
- CLARKSON, Euan.**
- 1996 Joint Author : Taylor, Cecilia. The graptolites of Dobb's Linn. Field Excursion. 24<sup>th</sup> April, 1994. **6**, (1), 67-68.
- COCKERSOLE, Jim.**
- 1994 Geological features involved in the planning and construction of the A66 Trunk Road between Cockermouth and Keswick. Field Excursion. 16<sup>th</sup>, June, 1993. **5**, (4), 496-498.
- COOPER, A.H.**
- 1994 Gypsum caves and subsidence in the Vale of Eden and North Yorkshire. **5**, (4), 507-508.
- COOPER, M.**
- 1992 Minerals of the Caldbeck Fells. **5**, (3), 384-385.

**COURTMAN, Nigel.**

2004 Coniston Copper Mines. **7**, (1), 103-105.

**DAY, Alan.**

1996 Shallow water deposits, flora and fauna in the lower Carboniferous of Ashfell and Asby Fell. **6**, (1), 99-101.

**DEARLOVE, Jeremy.**

2000 Geology and risk assessment - from old mines to new landfills. **6**, (3), 463-467.

**DICKINS, Dennis.**

1992 Joint Authors : Guion, P & Jones, N. Field Expedition. 7<sup>th</sup> July, 1990. Coal measures of West Cumbria. **5**, (3), 344-348.

1996 Current thoughts on the development of the coal measures in Cumbria. **6**, (1), 112-114.

1998 Geology of the South Solway coast between Maryport and Dubmill point. Field Excursion.. 3<sup>rd</sup>, July, 1996. **6**, (2), 258-259.

2000 Henry Alleyne Nicholson, (1844-1899) : A renowned Cumbrian Polymath. **6**, (3), 349-352.

2002 Watch Hill and Elva Plain through the eyes of Tom Eastwood. Field Excursion. 8<sup>th</sup>, July, 2000. **6**, (4), 593-596.

**DIGGLES, Alan.**

1998 Geology of the Sedburgh Area. Field Excursion. 20<sup>th</sup>, July, 1996. **6**, (2), 271-272.

**DODD, Mervyn.**

1992 The Cleator Moor coal and hematite mines. Field Excursion. 17<sup>th</sup>, June, 1991. **5**, (3), 360-361.

1992 The Edgar Shackleton Collection : a note. (Includes Bibliography). **5**, (3), 395-397.

1992 The geology of Kelton Fell Top, Kirkland. Field Excursion.. 18<sup>th</sup> July, 1990. **5**, (3), 349-350.

1994 Kinniside Lead Mine, near Cleator Moor. Field Excursion. 7<sup>th</sup>, June, 1992. **5**, (4), 481-482.

1996 Cumbria RIGS Group. **6**, (1), 35-40.

1996 Geology from the cycleway. Field Excursion. **6**, (1), 87-89.

1996 The Skiddaw group above Loweswater. Field Excursion. 11<sup>th</sup>, May, 1994. **6**, (1), 69-70.

1998 Joint Author : Kelly, David. The carboniferous and permo-triassic of West Cumbria. Field Excursion. 25<sup>th</sup>-26<sup>th</sup>, October, 1997. **6**, (2), 273-275.

1998 Joint Author : Kelly, David. The West Cumbrian iron ore field. Field Excursion. 7<sup>th</sup>, June, 1992. **6**, (2), 266-269.

1998 Buttermere and Gosforth, two contrasting settlements. **6**, (2), 226-230.

1998 Joint Author : Livsey, David. Sandstones and fluvial features of the Lower Calder Valley. **6**, (2), 259-261.

2000 Alfred Harker (1859-1939): the 'founding father' of modern Petrology. **6**, (3), 381-383.

2000 Charles Edmonds (1885-1964) : A man of many parts. **6**, (3), 399-402.

2000 Joint Author : Lawton, Fred. Francis J. Monkhouse (1915-1975) : Lakeland Geographer. **6**, (3), 421-424.

2000 The Cockermouth lavas and other features around Isel. Field Excursion. 20<sup>th</sup>, June, 1998. **6**, (3), 433-434.

2000 Tom Eastwood (1888-1970) : An eminent survey geologist in Cumberland. **6**, (3), 403-405.

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**THE END**

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