

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

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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 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 : 2010**. Every attempt has been made to ensure that the information given is correct. All mistakes are mine and are not irreversible. A search facilities should be used to identify subjects, species or locations.

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 and John R. W. Read. I am grateful to Dr Francis Celoria for his kind permission to draw extensively from his unpublished bibliography of the Rev. H. A. MacPherson and to Dave Shackleton who sent to me a copy of his bibliography of Cumbrian Birds (Un-published). Thanks also Steve Doyle of Butterfly Conservation (Cumbria) Branch, Judith Robinson, Stephen White at Carlisle Central Library and finally to Peter Bullard for allowing me to explore the archives of the Cumbria Wildlife Trust.

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

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LIST OF JOURNALS SEARCHED INCLUDE :-.

(* This symbol denotes that there are still volumes or numbers to be consulted).

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 by placing the word Bibliographies into the search facility.

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aeneus (Richt) , River Caldew, Rose Castle. *Cerylon fagi*, Bris. Claife Woods. *Abdera flexuosa* (Payk), Borrowdale. *Chrysolina fastuosa* (Scop), Holmewood, Loweswater. Brandelhow Pk. *Chrysomela aenea* (L.). Borrowdale. *Phytodelata pallida* (L.), Low Wood, Hartsop. *Phyllobrotica quadrimaculata* (L), Wray Castle. *Rhynchites cupreus* (L.), Nether Wasdale. **Hemiptera** Some Heteroptera from the 1991 work of the National Trust Biological Survey in the Lake District. *Agramma laeta* (Fall), Plumpton Marsh, Ulverston. *Xylocoris cursitans* (Reuter), Fishgarth Wood, Clappersgate. *Polymerus paulustris* (Reuter), Grasmere. *Salda morio* Zett, Ennerdale. *S. muelleri* (Gmel), Nether Wasdale.

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It is not clear when the editorship passed to Canon G.A.K.Hervey. I have made the decision to nominate September 1951 as the changeover date which coincides with a small change in format. Many of the items in the Newsletter, especially the reports are very brief. Some issues remain to be recorded.

- 1948 Editor : A hard winter. P.D.N.H.S. Newsletter. **2**, November,1.
- 1948 Editor : Bird larders. P.D.N.H.S. Newsletter. **2**, November, 1
- 1948 Editor : Elephant Hawk-Moth. P.D.N.H.S. Newsletter. **1**, October 2.
- 1948 Editor : Getting the best out of your binoculars. P.D.N.H.S. Newsletter. **2**. November, 1.
- 1948 Editor : Getting the best out of your binoculars. P.D.N.H.S. Newsletter, **3**, December,2.
- 1948 Editor : Records and recording : a Guide. P.D.N.H.S. Newsletter. **3**, December, 1.
- 1948 Editor : Records received. [Birds]. [Grey Lag geese. Goosander. Pink-footed Geese. Little Gull. Arctic Tern. Buzzard. Hooded Crows]. P.D.N.H.S. Newsletter. **2**, November, 2.
- 1948 Editor : Salmon. P.D.N.H.S. Newsletter. **3**, December, 2.
- 1948 Editor : The Corncrake : a request for records. P.D.N.H.S. Newsletter. **1**, October, 2.
- 1948 Editor : Winter visitors. [Birds]. P.D.N.H.S. Newsletter. **1**, October, 2.
- 1949 Editor : Autumn Flora, 1949. P.D.N.H.S. Newsletter. **6**, November, 2-3.
- 1949 Editor : Field work on Lakeland flora. P.D.N.H.S. Newsletter. **4**, January, 1.
- 1949 Editor : From waste heap to Atomic Bomb - Fluor-spar. P.D.N.H.S. Newsletter. **6**, November, 2.
- 1949 Editor : Getting the best out of your binoculars, P.D.N.H.S. Newsletter. **4**. January, 1.
- 1949 Editor : Mountain Beetles, *Notiophilus squaticus*, (Black Specimen). P.D.N.H.S. Newsletter. **7**, December, 1.
- 1949 Editor : Records for December, 1948. [Waxwings. Redpolls. Whooper Swans. Blackcock. Green Woodpecker. Bewick Swans. Grey Shrike. Fieldfare. Brambling. Golden Plover. Treecreeper. 'Striped' Hedgehog]. P.D.N.H.S. Newsletter. **4**, January, 2.
- 1949 Editor : Records of Interest. [Bullfinch. Whooper Swans. Buzzard. Sparrowhawk. Stock Doves. Short-eared Owl. Red-throated Diver. Barn Owl. Peregrines. Ringed Plover. Lapwings. Magpie enquiry. Arrival of Summer visitors. Oystercatcher distribution]. P.D.N.H.S. Newsletter. **5**, February, 1-2.
- 1949 Editor : Records of interest : Flowers. [Includes : New Zealand Willow Herb. Sea Kale. Moss Campion. Lesser Bladderwort. English Sundew. Alpine Campion. Obtuse pondweed. Awlwort]. P.D.N.H.S. Newsletter, **6**, November,1.
- 1949 Editor : Records of interest. [Insects - Death's Head Hawk Moth]. P.D.N.H.S. Newsletter, **6**, November,]
- 1949 Editor : Records of interest since last issue. [Birds : Buzzard. Wigeon. Heron (Swimming). Great Crested Grebe. Jackdaw. Scaup]. P.D.N.H.S. Newsletter. **6**, November, 1.
- 1949 Editor : Salmon. P.D.N.H.S. Newsletter. **6**, November, 2.
- 1949 Editor : Screes [Schilly Beds]. P.D.N.H.S. Newsletter. **7**, December, 2.
- 1949 Editor : Ullswater Gull rafts. P.D.N.H.S. Newsletter. **5**, February, 1-2.
- 1950 Editor : African Green "Stinkbug". P.D.N.H.S. Newsletter. **12**, May, 2.
- 1950 Editor : Badgers. [Diet]. P.D.N.H.S. Newsletter. **12**, May, 1-2.
- 1950 Editor : Ferns. P.D.N.H.S. Newsletter. January. **8**, 2.
- 1950 Editor : Grey Squirrels reported at Penrith. P.D.N.H.S. Newsletter. **12**, May, 1.
- 1950 Editor : Migration Routes. [Birds]. P.D.N.H.S. Newsletter. **8**, January, 3.
- 1950 Editor : Records: Birds. [Includes : Magpie. Siskin. Blue Tit. Redwing. Fieldfares. Swallow. Short-eared Owl. Waterfowl. Wigeon. Heron. Gulls. Curlew. Redshank. Golden Plover. Oystercatcher]. P.D.N.H.S. Newsletter. **8**, January, 1-2.
- 1950 Editor : Records : Birds. [Includes : First records of song. Snow Bunting. Blue Tit. Little Owl. Peregrine. Rough-legged Buzzard. Grebe. Water Rail. Rooks and Jackdaws]. P.D.N.H.S. Newsletter. **9**, February, 2.
- 1950 Editor : Records : Birds. [Includes : Raven. Siskin. Brambling. Corn Bunting. Skylark. Yellow Wagtail. Blue Tit. Marsh Tit. Long-tailed Tit. Barn Owl. Merlin. Whooper Swan. Geese. Ducks. Cormorant. Green Sandpiper. Redshank. Black Guillemot]. P.D.N.H.S. Newsletter. **10**, March. 3.
- 1950 Editor : Records : Birds. [Includes : Fieldfare. Redwing. Curlew. Common Scoter. Chiff-chaff. Ring Ouzel. Sand Martin. Swallow]. P.D.N.H.S. Newsletter. **12**, May, 1.
- 1950 Editor : Records : Butterflies. [Orange-Tip. Peacock. Tortoiseshell]. P.D.N.H.S. Newsletter. **12**. May, 1.
- 1950 Editor : Records : Flowers in bloom in the Eden Valley in January, [Shepherds Purse. Mouse-eared

- Chickweed. Chickweed. Gorse. Daisy. Groundsel. Dandelion. Procumbent Speedwell. Red Nettle. Petty Spurge. Annual Pea. Rayless Matricary. Field Woundwort. Small Nettle. Common Whitlow Grass. Hazel. Barren Strawberry. Thyme-leaved Speedwell. Lesser Stitchwort. Alpine Lady's Mantle. Fir Club Moss. Heartsease]. P.D.N.H.S. Newsletter. **9**, February, 2.
- 1950 Editor : Records : Flowers. Moths - Hummingbird Hawk Moth. P.D.N.H.S. Newsletter. **10**, March, 1-2.
- 1950 Editor : Records : Flowers. [Yellow Star of Bethlehem]. P.D.N.H.S. Newsletter. **12**, May, 1.
- 1950 Editor : Records Fungi - Morels near Penrith. P.D.N.H.S. Newsletter. **12**, May, 1.
- 1950 Editor : Records : Mammals. [Badgers]. P.D.N.H.S. Newsletter, **8**, January, 1.
- 1950 Editor : What to look for in February. [Birds. Insects. Flowers]. P.D.N.H.S. Newsletter. **9**, February, 2.
- 1950 Editor : What to look for in January. P.D.N.H.S. Newsletter. **8**, January, 2.
- 1950 Editor : What to look for in March P.D.N.H.S. Newsletter. **10**, March, 1-2.
- 1951 Editor : Bittern on the Eden. [Eden Lacy and Armathwaite]. P.D.N.H.S. Newsletter. February, 1.
- 1951 Editor : Cormorants by the Eden. P.D.N.H.S. Newsletter. February, 1.
- 1951 Editor : Dogs and Hedgehogs. P.D.N.H.S. Monthly Bulletin. May, 2.
- 1951 Editor : Early flowers on the Limestone. [Daphne mezereum. Green Hellebore. Stinking Hellebore. Lungwort. P.D.N.H.S. Monthly Bulletin, May, 1.
- 1951 Editor : Flies associated with the Globe flower. Field trip with H. Britten. P.D.N.H.S. Monthly Bulletin. August, 2.
- 1951 Editor : Flocking on migration during the Winter. P.D.N.H.S. Monthly Bulletin. April, 2.
- 1951 Editor : Green Woodpeckers. [Glencoin Woods and Great Salkeld]. P.D.N.H.S. Monthly Bulletin. March, 1.
- 1951 Magpies and Foxes. P.D.N.H.S. Monthly Bulletin. July, 2.
- 1951 Editor : Pied Flycatchers - Request for information. P.D.N.H.S. Monthly Bulletin. May, 1-2.
- 1951 Editor : Plants of note. [Creeping Spearwort. Alpine Campion. New-Zealand Willowherb. Orchids-Frog and Pyramidal]. P.D.N.H.S. Monthly Bulletin. August. 1-2.
- 1951 Editor : Records. Birds. [A Harrier in the Eden Valley. Another Bittern. Hooded Crows. Cormorant Roost]. P.D.N.H.S. Monthly Bulletin. March, 1-2.
- 1951 Editor : Records. [Late Spring. Cormorants on Eden. Pintail. Stoats]. P.D.N.H.S. Monthly Bulletin. April, 1-2.
- 1951 Editor : Red-throated Diver on Ullswater. P.D.N.H.S. Monthly Bulletin. April, 1.
- 1951 Editor : Reports : Birds. [Movements of Wild Geese. Redpoll. An enterprising Hedgehog. P.D.N.H.S. Newsletter. February, 2.
- 1951 Editor : Some interesting nests and birds. [Oystercatchers. Lapwings. Snipe. Grasshopper Warbler]. P.D.N.H.S. Monthly Bulletin. July, 1.
- 1951 Editor : Some interesting plants [Reported]. [Fly orchid. Herb paris. Petty whin. Mountain forget-me-not. Wood sorrel. Mountain speedwell. Three-veined Sandwort]. P.D.N.H.S. Monthly Bulletin. July, 1-2.
- 1951 Editor : Stoats in Winter dress. P.D.N.H.S. Monthly Bulletin. March, 1.
- 1951 Editor : The Corncrake [Eden Valley]. P.D.N.H.S. Monthly Bulletin. July, 1.
- 1951 Editor : What to look for in April. P.D.N.H.S. Monthly Bulletin. April, 2.
- 1951 Editor : What to look for in August. P.D.N.H.S. Monthly Bulletin. August, 1.
- 1951 Editor : What to look for in February. P.D.N.H.S. Newsletter, 2.
- 1951 Editor : What to look for in March. P.D.N.H.S. Monthly Bulletin. March, 2.
- 1951 Editor : What to look for in May. P.D.N.H.S. Monthly Bulletin. May, 2.
- 1951 Editor : What to look for in July. P.D.N.H.S. Monthly Bulletin. July, 2.
- 1951 Editor : What to look for in June. P.D.N.H.S. Monthly Bulletin. June, 2.
- 1951 Editor : White-flowered varieties. [Bush-vetch. Cow-wheat. Ragged robin. Bell heather]. P.D.N.H.S. Monthly Bulletin. August, 2.
- 1951 Editor : Winter 1950/51 [In the Eden Valley] and a strange Spring. P.D.N.H.S. Monthly Bulletin. June, 1.
- 1951 Editor : Water Voles, with contributions by E. Blezard and W.F.Davidson. P.D.N.H.S. Monthly Bulletin. August, 2.
- 1951 Editor and Titherington, G.W. Sunbiggin Tarn. [Black-headed Gull Colony.]. P.D.N.H.S. Monthly Bulletin. July, 1.
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- 1998 Joint Author : Read, John The ground beetle *Leistus rufomarginatus* (Duftschmid) new to Cumbria. [Banks Point, Bassenthwaite Lake and Great Coppice, Netherwasdale]. The Carlisle Naturalist. **6**, (2), 33-34.
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- 1999 Some noteworthy beetle records for Cumbria. The Carlisle Naturalist. **7**, (1), 6-7.
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- 2006 Some new County and Vice-County records of beetles from Bowness-on-Solway Nature Reserve and Newton Reigny Moss. 2005. The Carlisle Naturalist. **14**, (1), 9-10.
- 2007 The rare soldier-beetle *Cantharis fusca* L, new to Cumbria. The Carlisle Naturalist. **15**, (1), 14-15.
- 2007 *Trichiusa immigrata* Lohse and other noteworthy beetles recently found in Cumbria. The Carlisle Naturalist. **15**, (1), 15-17.
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- 1952 Beetle impaled on Sea Holly. Entomologist. **85**, no 1068, May, 111. [*Anomala aenea* De Geer (Col : Melolonthinae) impaled on Sea Holly (*Eryngium maritimum*).
- 1952 Early occurrence of immigrants in 1952. Ent. Rec. **64**, (4), April, 122.
- 1952 Exhibition Meeting. Display Case including Lepidoptera from Kendal and district and Hymenoptera From Kendal and Penrith. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1952. 19.
- 1952 Moths and Wasps. Ent. Rec. **64**, (9), September, 242-243. [A follow up to this article by B.O.C.Gardiner. Wasps attacking *Pieris brassicae* L. Ent. Rec. **64**, (12), December, 355].
- 1952 *Ordontosia carmelita* in S. Westmorland and North Lancashire. Entomology. **85**, (1071), August, 190-191. [References to G. F. Johnson. F. Littlewood. A.E.Wright].
- 1952 Some microlepidoptera records from the North West. Ent Rec. **64**, (3), March. 82-84. [Reference to A.E.Wright].
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- 1953 Author : Leech, M. J. Collecting in the Witherslack (Westmorland) area in 1952. Ent. Rec. **65**, (4), April, 110-111. [Reference to N.L. Birkett].
- 1953 Author : Parmenter, L. Some records of bred Tachinidae. Ent. Rec. **65**, (1), January, 29-31. [Reference to N.L.Birkett p 29].
- 1953 Author : Worms, C.G.M.de. British Lepidoptera Collecting, 1952. Entomologist. **86**, 6, June, 140-147. [Reference to N.L.Birkett, p 140].
- 1953 Author : Worms, C.G.M.de. British Lepidoptera Collecting, 1953. Ent. Rec. **65**, (12), December, 343-346. [Reference to N.L.Birkett].
- 1953 Lepidoptera collecting notes, 1952. Ent. Rec. **65**, (1), January, 6-10. [Reference to J. Vine. Hall].
- 1954 A note on *Nomophila noctuella*, Schiff. Ent. Rec. **66**, (6), June, 173-174.
- 1954 Author : Michaelis, H.N. Lepidoptera, 1951-1953. [Records submitted by N.L.Birkett. K.R.Burgess. Ulverston. Greenodd. Broughton in Furness]. Lancashire and Cheshire Fauna Committee. 30th Report and Report of the Recorders for 1950-1953. 48-56. Buncle.
- 1954 Author : Worms, C.G.M.de British Lepidoptera Collecting, 1953, Part 2. July to the end of the year. Ent. Rec. **66**, (2), February, 45-51. [Brief reference to N.L.Birkett].
- 1954 Exhibition Meeting. Display Case showing Lepidoptera from the Carlisle Area, Westmorland and Coleoptera from Witherslack. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1953-54. 14.
- 1954 Lepidoptera collecting notes, 1953. Ent. Rec. **66**, (4), April, 110-114. [References to R.C.Lowther-notebooks and diaries. Also J. Vine Hall]. [Locations include :- Cartmel. Hutton Roof. Red Screes. Witherslack].
- 1954 Some Cardiganshire Lepidoptera records, 1954. Ent. Rec. J. Var. **66**, (10), October, 244-245.
- 1954 The occurrence of *Eurois occulta* L. in Westmorland and Penrith. Ent. Rec. **66**, (10), October, 240-241. [Reference to T. Smith. R.C.Lowther. A. Richardson. G.A.K.Hervey. John Thorpe. W.F.Davidson. J.Vine Hall]. [Location : Hutton Roof. Kendal. Penrith].
- 1954 The present status of the Butterfly population of the Kendal District. Ent mon Mag. **90**, December, 293-298. [Reference to R.C.Lowther. F. Littlewood. J.B.Hodgkinson. J.H. Vine Hall. G. Holmes. T. Smith. A.E.Wright].
- 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. *Euxanthia 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. *Gypsitea 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 : 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), Vivember, 281-282. [Reference to N.L.Birkett]. [*Eustroma reticulata*, Schif].
- 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. oculata* 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].
- 1956 Author : Vine Hall, J. H. The Macrolepidoptera of a South Westmorland Parish : Addenda and Corrigenda. Ent. Gaz. **7**, (4), October, 185-187. [Reference to N.L.Birkett].
- 1956 A variety of *Apamea ophiogramma* Esper. Ent. Rec. **68**, (12), December, 310.
- 1956 Exhibition Meeting. Including Lepidoptera of the Lake District and Diptera from Kendal Area. Annual Report and Proceedings, Lancashire and Cheshire Entomological Society. Session 1955-1956. 12.
- 1956 *Hydraecia oculea* L. and its relatives in North West England. Entomologist. **89**, no 1112, January, 20-21. [References to W.F.Davidson., G.A.K.Hervey. J.L.Kershaw. Rev Vine Hall. Tom Smith].
- 1956 *Psilothrix cyaneusol* (Col : Dasytidae) in Lancashire. Ent. mon. Mag. **92**, June, 236.
- 1956 Review of : The Field Naturalist, Vol 1, (1), New Series. Ent. Rec. **68**, (3), March, 73-74.
- 1956 Second broods and immigrants, 1955. Ent. Rec. **68**, (3), March, 79-80. [Location : Kendal].
- 1956 Some observations on a flight of *Bombas lucorum* L. (Hym., Bombidae). Ent. mon. Mag. **92**, September, 333. [Location : Silecroft, 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 20th, 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.
- 1957 More notes on Suffolk Lepidoptera. Suffolk Nat. Trans. **10**, (3), 1-4. (Could be 212-215) records vary
- 1957 Non-biting Midges. The Field Naturalist. **2**, (n.s), (2). 21-22.
- 1957 Non-biting midges. [Chironomid, *Podonomus Keifferi*]. The Field Naturalist. **2**, (n.s), (3), 29.
- 1957 Notes on a small collection of Chironomidae (Diptera) made in the Kendal District. Ent.mon Mag. **93**, July, 145-149. [References to H. Britten. T.T.Macan].
- 1957 Notes on the 1956 season. Ent Rec. **69**, (1), January, 1-6. [Reference to J. Vine Hall]. [Locations include : Holker Moss. Kendal. Langdale Pikes. Meathop Moss. Witherslack].
- 1957 Rowan berries attracting Moths. [*Eupsilis transversa* and *Conistra vaccinii* L]. Ent Rec. **69**, (3), March. 75. [A reference to this article by B.K.West in Ent. Rec. 1983. **95**, (5-6), May-June, 116.
- 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**, no 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 spheciformis* Schiff from 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 :- Tortricoidea *Phalonia implicitana* (Wocke), Walney Island. Lancashire and Cheshire Fauna Committee. 31st 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 (Straminealis Hubn) from Sandscale Warren, 2nd 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**, no 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. 33rd 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, 16th 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 *Odontosia 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. 34th 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* Goeze (*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** : *Odontosia 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.
- 1966 A scale defect in *Lysandra bellargus*. Rott. Ent J. Var. **76**, 236.
- 1966 A Scale defect in *Pieris napi*. Ent Rec. **78**, January, 13.
- 1966 A scale defect in *Pieris napi*. L. Ent. Rec. **78**, (1), January, 13.
- 1966 Further records of Cardiganshire Lepidoptera, 1965. Ent Rec. **78**, (1), January, 11-13.
- 1966 Notes on the distribution of *Plusia fistulae* L. and *P. gracilis* in North West England. Ent Rec. **78**, (12), December, 283-285.
- 1967 Author : Robinson, Gaden S. Lepidoptera at Heversham. Part 1. Ent. Rec. **79**, (11), November, 271-278. Part 2. Pages 302-306. [Reference to N.L.Birkett].
- 1970 A late Pierid in Westmorland. Ent. Rec. **82**, (1), January, 30.
- 1970 Annual Exhibition, 1969. Photograph of *Spilosoma lubricipeda* L.ab. Collected by N.L.Birkett. Proc. Brit ent.Nat. Hist. Soc. **3**, (1), May, p 180, plate 3.
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CARLISLE ENTOMOLOGICAL AND BOTANICAL SOCIETY.

See also :- Carlisle Natural History Society.

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Joint Editors : Day, F.H. Hope, L.E.
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- 1934 Author : Riley, N.D. Review of Volume **5**, The Transactions of the Carlisle Natural History Society. Ent. Rec. **261**. April, 94.
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corylata Thunb. *Asthena albulata* Hufn. *Ligdia adustata* Schiff. *Bapta bimaculata* Fab.
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- [Barn Owl. Long-eared Owl. Tawny Owl]. [Owl Nesting sites].
- 1930 The Spring tenants of a Tarn. C. J. 6th, June. [Black-headed Gull. Coot. Mallard. Moorhen. Pochard. Shoveler. Teal. Tufted Duck. Wigeon].
- 1931 Bird Notes from the Solway and Lakeland, 1929. North Western Naturalist. **6**, (4), 207-221. [Subjects : Raven. Rook. Ring Ouzel. Buzzard. Peregrine Falcon. Pink-footed Geese. Goldeneye. Goosander. Heron. Green Sandpiper. Curlew. Lapwing. Kittiwake. Slavonian Grebe. Black Grouse].
- 1931 Common Seal on the Solway. North Western Naturalist. **6**, (3), September, 161.
- 1931 From Appleby to Carlisle by L.M.S. L.M.S Magazine. October.
- 1931 The Lesser Shrew in Carlisle. North Western Naturalist. **6**, (3), September, 160.
- 1931 The Partridge : an interesting inhabitant of Cumberland. C. J. 11th, September. [Writing as "A Correspondent"].
- 1932 Bird Notes from the Solway, Pennines and Lakeland, Part 1.1930. North Western Naturalist. **7**, (2), 102-114. [Subjects : Raven. Peregrine Falcon. Rook. Starling. Bullfinch. Skylark. Meadow Pipit. Pied Flycatcher. Garden Warbler. Chiffchaff. Song Thrush. Blackbird. Ring Ouzel. Whinchat. Wheatear. Dipper. Great Spotted Woodpecker. Tawny Owl. Buzzard. Merlin. Pink-footed Goose. Gadwall].
- 1932 Bird Notes from the Solway, Pennines and Lakeland, Part 2.1930. North Western Naturalist. **7**, (3), 196-208.[Subjects : Teal. Wigeon. Shoveler. Pintail. Pochard. Scaup Duck. Goldeneye. Heron. Bittern. Woodcock. Redshank. Common Sandpiper. Bar-tailed Godwit. Curlew. Golden Plover. Lapwing. Oystercatcher. Lesser Black-backed Gull. Black-headed Gull. Black Tern. Coot].
- 1933 Bird Notes from Solway, Pennines and Lakeland. Part 1.1931. North Western Naturalist. **8**, (2), 123-134.[Subjects : Raven. Rook. Meadow Pipit. Greenland Wheatear. Marsh Harrier. Buzzard. Peregrine Falcon. Pink-footed Goose. Wigeon. Shoveler].
- 1933 Bird Notes from Solway, Pennines and Lakeland. Part 2.1931. North Western Naturalist. **8**, (3), 212-222. [Subjects : Pochard. Tufted Duck. Goldeneye. Goosander. Redshank. Curlew. Golden Plover. Dottrel. Lapwing. Common Gull. Black-headed Gull].
- 1933 Captured Badgers - a letter to the Editor. 4th, April, C. J. [1:2].
- 1933 Changes in the distribution of British Geese : Solway Firth (Cumbrian side). Scott. Nat. 269-275.
- 1933 The Roe Deer in Cumberland. Transactions of the Carlisle Natural History Society. **5**, 104-116.
- 1933 Waxwings in Carlisle. North Western Naturalist. **8**, (1), 49.
- 1934 Ancient Red Deer Antler on a Solway Marsh. North Western Naturalist. **9**, (2), 151 and plate.
- 1934 Bird Notes from the Solway, Pennines and Lakeland. Part 1. 1932. North Western Naturalist. **9**, (1), 36-48. [Subjects : Raven. Peregrine Falcon. Carrion Crow. Snow Bunting. Meadow Pipit. Willow Tit. Garden Warbler. Blackcap Warbler. Redwing. Fieldfare. Redstart. Kingfisher. Barn Owl. Wheatear. Buzzard. Merlin].
- 1934 Bird Notes from the Solway, Pennines and Lakeland. Part 2. 1932. North Western Naturalist. **9**, (2), 135-149. [Subjects : Grey Lag Goose. Pink-footed Goose. Mallard. Wigeon. Tufted Duck. Heron. Woodcock. Redshank. Curlew. Golden Plover. Lapwing. Common Gull. Lesser Black-backed Gull. Black-headed Gull].
- 1934 Black Swans : a pair on Carlisle ponds. C. J. 20th, February. [Currock Pond].
- 1934 The Summer Birds, where and when they were seen. C. J. 18th May. [Common Sandpiper. Corncrake. Cuckoo. Redstart. Ring Ouzel. Sand Martin. Swallow. Swift. Wheatear. Whitethroat].
- 1934 Winter thrushes - Redwings and Fieldfares. C. J. 15th December.
- 1934 Winter Wildfowl of coasts and tarn. C. J. 30th, November. [Solway]. [Ducks. Geese. Golden eye. Mallard. Pochard. Shoveler. Tufted Duck. Wigeon].
- 1935 Joint Author : Coombes, R.A.H. Changes in the distribution of British Grey Geese. Scottish Nat. **47**, 65.
- 1935 Nature at a Locomotive Depot. L.M.S. Magazine. November.
- 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 The Gull's, Carlisle's Bird Company. C. J. 4th, January. [Black-headed. Common. Herring. Lesser Black-backed Gull].
- 1936 Familiar Birds : Springs home-coming. C. J. 8th May.
- 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. C. J. 25th, June.
- 1937 Carlisle Literary Society. Report of a talk given by Ritson Graham on Bird Life. C. J. 30th 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 The Skylark soars, Birds and Buds in February. C. J. 19th February. [**1 : 10**]. [Crows. Cuckoo. Skylark. Song Thrush. Winter Thrushes] [Plants/Flora : Buckthorn. Celandine. Crocus. Hawthorn. Hazel. Snowdrops].
- 1939 A Lakeland Eyrie. C. J. 26th, March. [Peregrine]. [Egg stealing].
- 1939 Ornithological Notes from the Solway Firth, Pennines and Lakeland, 1938. North Western Naturalist. **14**, 118-124.
- 1939 Owls. Carlisle Journal. (1 : 16).
- 1939 The Red Squirrel. C. J. 26th March.
- 1939 The "The Hoggusts" as Lakeland landmarks. C.J. 8th, 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. C. J. 19th, May. [Black Grouse. Golden Plover. Gulls. Hen Harrier. Short-eared Owl [Also mentions briefly : Polecat. Roe Deer].
- 1944 More Summer migrants. C. J. 5th, May.
- 1944 Peat Mosses. C. J. 19th, May.
- 1944 Reviewing the Migrants. C. J. 19th, May.
- 1944 The Redstart. C. J. 5th May.
- 1946 The Badger in Cumberland. Transactions of the Carlisle Natural History Society. **7**, 88-99.
- 1952 Onlooker : Incidental Notes, Carlisle Journal. 4th January :- Out in the storm. Roaring Oaks. Flooded fields. 'Cultivated Daisies'. Stray Dipper. Mouse-voiced birds. Birds in the wind. [Subjects include : Oaks. Watercress. Knapweed. Linnets. Lark. Dipper. Goldcrest. Redwing. Fieldfares. Lapwing (Peewit). Golden Plover].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 11th 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 Air Force. Leaders of Harem. Disturbed by camera. [Subjects include :- Red Deer. Lakeland. Gowbarrow Park].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 1st 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. 8th 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, 15th 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 : Grass of Parnassus. Roe Deer. North Cumberland. Kendal. Grange-over-

- Sands. Curlew].
- 1952 Onlooker : Incidental Notes. Carlisle Journal, 22nd 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, 29th 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. 7th 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 14th 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. 21st 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. 29th 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. 4th April, 1952. Rare Visitor. Butchers Bird. Grey Shrike in Cumberland. Whinsill. Pennine Ravens. Deserted Haunt. [Subjects include : Grey Shrike at Newcastleton. Ravens].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 11th 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 Pipits. Trees : Black Poplar. Willow Trees].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 18th 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. Cloudberry. Cowberry/Red Whortle Berry].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 25th 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. 2nd 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. 9th, 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. 16th, 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. 23rd, 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. 30th, 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. Trefoil. Scurvy Grass].

- 1952 Onlooker : Incidental Notes. Carlisle Journal. 6th 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. Hawthorn. Rowan Trees. Merlin. Curlew].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 13th 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. 20th 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. 27th 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. 4th July, 1952. Horseholme. Farm Dates. Back to the Plough. Miles of Moor. Late 18th Century Ruin. What Purpose. [Subjects include : Agriculture. North Cumberland Moor and Landscape. Pied Wagtail. Burn Divot. River Irthing].
- 1952 Onlooker : Incidental Notes. 11th 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. 26th 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. 1st 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. 8th 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. 15th 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. 22nd 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. Mountain Ash and Rowan. Gorse].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 29th 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. 5th 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. 12th 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. 19th 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. 26th 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. 3rd 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. 10th, 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. 17th 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. 24th 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. 31st 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. 8th 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. 14th 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. 21st 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. 28th 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. 5th 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. Lady Fern. Buckler Fern].
- 1952 Onlooker : Incidental Notes. Carlisle Journal. 12th 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. 19th 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. 26th 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. 26th 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. 2nd January, 1953. A shower of Spiders. A Naturalists Comments on a Phenomenon - (An account of a shower of spiders reported in the Carlisle Journal 5th 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. 2nd 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. 9th 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. 16th 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. 23rd 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. 30th 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. 6th 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. 13th 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. 20th 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. 27th February, 1953. One Fine Day. Sun on the Surface. Down the Lonning. Peewits Return. Spring Scene. Evening Calm. Incautious Bird. [Subjects include : Coppice Work. "Pussy-Willow". Dog's Mercury. Water Voles. Skylarks. Rabbits. Pheasant. Bird Song - Dusk Chorus].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 6th 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. 13th 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. 20th 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 Mechanisation. Common Gulls. Solway. Fieldfare Flock (Approx 500-600)].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 27th 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. 10th 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 :Heron. Rooks. Roe Deer scrapings. Green Wood-pecker. Rookeries. Rook/Heron conflicts].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 17th 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. Larch Trees. Becks/Streams. Buzzards. Carrion Crow. Red Grouse. Mossy Saxifrage].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 24th 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. 1st 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. 8th 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. 15th 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. 29th 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. 5th June, 1953. To Todcrag Lough. Fox Crag. Bumble Bees. The Cloudberry. Beck-side Birds. [Subjects include : Bilberry. Bumble Bee (*Bombus lucorum*). Cloudberry. Grey Wagtails].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 12th 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. 19th 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 : Stock Doves (Also known as "Blue Rocks". Hibernating Butterflies (Peacock and Tortoiseshell). Fettle Hall. Christenbury. Wild Goats. Meadow Pipits ("Titlark"). Skylark. Red Grouse.
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 6th 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. 3rd 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. Reed Mace. Globe Flower].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 10th 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. 17th 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. 24th 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. Golden Trefoil. Goosanders].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 31st 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. 7th 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. Yellow Rock-rose. Thyme. Marsh Thistle].
1953. Onlooker : Incidental Notes. Carlisle Journal. 14th 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. 21st 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. 28th 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. Grass of Parnassus. Thyme. Sheeps-bit-scabious. Red Grouse. Peewits/Lapwings. Kestrel. Red Grouse. Blackcocks. Green Woodpecker].
- 1953 Onlooker : Incidental Notes. Carlisle Journal. 4th 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. 11th 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. 18th 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. 2nd 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. 9th 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. Curlew. Peewits/Lapwings. Dunlin. Godwits. Sanderling. Knot. “Flocking behaviour”].
- 1953 Carlisle Journal : 16th 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. 23rd, 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. 30th 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. 6th 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 : 13th 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 : 20th 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. 27th 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. 3rd 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. 11th 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. 18th 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 : Mild Winter. Crossbills. Winter Thrushes. Dandelions. Gorse. Groundsel. Chickweed. Redwing. Bat (Not identified) at Kirkandrews. Wild Swans.].
- 1953 Carlisle Journal. 25th 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. 1st 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. 8th 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. 15th 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. 22nd 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. 29th 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. Badger Earth. Large flock of Chaffinches (Apprx 500). Alder Catkins. Goldcrests. Wren. Pinioned Pink-footed Geese. Upperby Park, Carlisle].
- 1954 Carlisle Journal. 5th, 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. Coltsfoot. Meadow Pipits ("Titlarks")].
- 1954 Carlisle Journal 12th 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. 19th 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. 26th 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. 5th 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. 12th 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. 19th 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. 2nd April, 1954."Onlooker" at another Heronry. Brooding Young. Heartening Spring. Signs of Spring. [Subjects include : Herons. Curlew. Bogs and Mosses. Carrion Crow. Cotton Grass].
- 1954 Carlisle Journal. 10th April, 1954. "Onlooker Pays a visit to the Fell". Buzzards. Woodcock. Hares. [Subjects include : April Showers. Celendines. Bracken. Carrion Crows attacking Buzzards. Woodcock camouflage. "roding". Fell Hares. Scotch Hares].
- 1954 Carlisle Journal. 16th 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. 24th 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. 27th 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. 30th 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. 7th 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. 14th 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. 21st 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. 28th 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. 2nd 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. 11th 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. 18th, 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. 25th June, 1954. Onlooker visit's the Upper Gelt. Bleaberry Gill. Whinchats Nest. Becksides 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. 2nd 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. 9th 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. 16th 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. 30th 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. 6th 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. 13th August, 1954. Oystercatcher haunts on the River Irthing by Onlooker. Rare Sandpiper. Goosander Brood. [Subjects include : Oystercatcher. Sandpiper. Green Sandpiper. Goosander].
- 1954 Carlisle Journal. 20th 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. 27th 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 Sodden Countryside. Rain. The Common Gull. Larch Plantations. Magpies. Cattle. A Gamekeepers vermin display].
- 1954 Carlisle Journal. 3rd 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. 10th 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. 17th 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'. [Subject : 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. 24th 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. 8th 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. 15th 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. 22nd 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. 29th October, 1954. Country Chronicle : Mallard. The Wigeon. The Teal. Pintail. [Subjects include : Surface feeding Ducks. Mallard. Wigeon. Teal. Pintail. Solway].
- 1954 Carlisle Journal. 5th November, 1954. Country Chronicle : Shovel-shaped Bill. The Gadwall. [Subjects include : Solway. Ducks. Shoveler. Gadwall. Teal. Garganey].
- 1954 Carlisle Journal. 12th 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. 19th 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. 26th November, 1954. Country Chronicle : Bowness - Cardurnock. 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. 3rd 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. 10th 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. Chickweed. Dandelion. Buttercup. Blackbirds. Wren. Partridge. Redwings. Fieldfares].
- 1954 Carlisle Journal. 17th 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. 24th 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. 31st December, 1954. Country Chronicle. Mice and Voles. The Squirrel. Hedgehog. [Subjects include : Hibernation of Moles. Voles. Reptiles. Bats. Badgers. Red Squirrel].
- 1955 Carlisle Journal. 7th 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. Creeping Buttercup. Field Drains. Bird Anatomy - Domestic Goose?]
- 1955 Carlisle Journal. 14th 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. 21st January, 1955. Country Chronicle. A Contrast. Geese on the Move. [Subjects include : Myxomatosis. Rabbits. Snow. Pink-footed Geese, Flocks. Solway].
- 1955 Carlisle Journal. 28th, 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. 4th 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. 4th 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. 11th, 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. 18th 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. 25th 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. 4th 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. 11th 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. 19th 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. 25th 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. 8th 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. 15th 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. 22nd 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 29th. 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. 6th 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. 13th 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. 20th 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. 27th 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. 3rd 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. 10th 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. 17th June, 1955. Country Chronicle : The Peat Mosses - survivors of the Ice-age. The Curlew. Oasis and Atoll. [Subjects include : "Moss Lonnings". "Moss-Meedas" Curlew. Cotton Grass. Skylark. Meadow Pipit. Lesser Black-backed Gull. Black-headed Gull. 'Lagoon'. Carrion Crow. Brown Hare].
- 1955 Carlisle Journal. 24th 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. 1st 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. 8th 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. 15th 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. 5th 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. 12th 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. 19th, 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. 26th 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. 2nd 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 : 9th 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. Louden's Burn. Spagnum moss. Black-headed Gull. Dragonfly. Peewit/Lapwing. Golden Plover. Redshank. Toads. Sheep farming. Reed Mace].
- 1955 Carlisle Journal : 16th 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. 23rd 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. 30th, 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. 7th October, 1955. Country Chronicle : Ritson Graham Spends a Happy Day Walking the Solway Shore from Bowness to Cardurnock. [Subjects include : Solway Shore. Waders. Gulls. Wildfowl. Curlew. Oystercatcher. Redshank. Great Black-backed Gulls. Andromida. Fly Agaric Fungi. Flora : Bog Asphodel].
- 1955 Carlisle Journal. 14th October, 1955. Country Chronicle : A Moorland Journey in Search of Elusive Grass of Parnassus. Rowan Trees. Redwing. [Subjects include : Geltsdale. Grass of Parnassus. Woodcock. Blackcock. Redwing].
- 1955 Carlisle Journal. 21st 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. 28th 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. 4th, 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. 11th 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. 18th, 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. 25th 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. 2nd 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. 9th 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. 16th 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. 23rd 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. 30th October, 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. 6th 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. 13th 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. 24th January, 1956. Country Chronicle : 24th 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. 31st 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. 3rd 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. 10th 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. 24th 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. 2nd 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. 9th 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. 16th 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. 23rd 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. 30th, 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. 6th 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. 13th 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. 20th April, 1956. April Evening in the Country. [Subjects include : Peewit/Lapwing. Curlew. Snipe. Carrion Crow. Woodcock. Deletion of Rabbit Population].
- 1956 Carlisle Journal. 27th 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. 4th 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. 11th 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. 18th 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. 20th May, 1956. April Evening in the Country. [Subjects : Rough pasture habitat. Woodcock 'Roding'. Value of Hedgerows. Snipe. Winter Lapwing. Carrion Crow. Rabbits. Sallow Blossom].
- 1956 Carlisle Journal. 25th May, 1956. Fatalities in the Heron Wood. [Subjects include : Herons. Mistle Thrush. Fungi-*Morchella esculanta*. Swifts].
- 1956 Carlisle Journal. 8th April, 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. 15th June, 1956. At the Headwaters of the River Gelt. [Subjects include : Water catchment area. Pipits. Whinchat. Cuckoo. Curlew. Heath Butterfly. Flora. Butterwort. Early Purple Orchid].
- 1956 Carlisle Journal. 29th, 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. 6th 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. 20th 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. 27th July, 1956. Faith of a Local Naturalist. [Subjects include : Countryside in July. Naturalists appreciation of the Countryside].
- 1956 Carlisle Journal. 3rd August, 1956. A Wet Evening Walk. [Subjects include : Curlews. Common Gull. Mallard. Swallows. Peewit/Lapwing. Hare. Corn crops].
- 1956 Carlisle Journal. 10th 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. 17th August, 1956. A Scottish Countryside. [Lothian's and Trossach's. Edinburgh. Botanical Gardens].
- 1956 Carlisle Journal. 24th 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. 31st August, 1956. The Solway's autumn Migrants. Globe-spanners. The Mediterranean. Elegant Green Sandpiper. [Subjects include : Migration. Wheatear. Greenshanks. Green Sandpiper].
- 1956 Carlisle Journal. 5th September, 1956. A Reliable Weather Guide. [Subjects include : Bowness. Rain patterns. Green Sandpiper. Partridge covey. Wigeon. Adder skin].
- 1956 Carlisle Journal. 7th 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. 12th September, 1956. The "Holmes" threatened. [Proposal for gravel extraction. River Caldew and environs. Denton Holme].
- 1956 Carlisle Journal. 14th 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. 21st 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. 28th 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. 14th 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. 26th 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. 2nd 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. 10th 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. 30th November, 1956. The Joys of Winter Walking. Everything Fits. Emotional Effect. A Lost Lunning. Ice Age Boulders. A Little Beck. Primitive By-ways. Change and Decay. [Subjects include : Galloway Granite. Lonnings-primitive roads. Lost Lonnings].
- 1956 Carlisle Journal. 7th 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. 14th 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. 21st 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. Sallow bushes].
- 1956 Carlisle Journal. 28th, 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. 4th 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. 11th 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. 18th 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. 25th 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. 1st 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. 8th 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. 15th 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. 22nd 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. 1st 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 8th 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. 15th 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. 22nd 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. 29th 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. 5th April, 1957. In the Bewcastle Country : High Stone Common. Golden Plovers. Kindly Folk. Herald 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. 12th 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. 19th, 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. 26th 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. 3rd 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. 10th 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. 17th 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. 24th 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. 7th 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. 14th 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. 21st 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. 28th 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. 5th July, 1957. A long Moorland Walk. : Malcom's Still. Wildlife. Murmur of Water. [Subjects include :- Tarn Beck. Sightly 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. 12th 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. 19th 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. 26th 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. 2nd August, 1957. A day in Ordinary Country. The Wild Lonning. 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. 9th 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. 16th 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. 23rd 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. 30th, 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. 6th 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. 13th 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. 20th 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. 27th 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. 4th 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. 11th 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. 18th 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. 25th 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. 1st 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. 8th 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. 15th 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. 23rd 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. 29th 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. 6th 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. 13th 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. 20th 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. 3rd 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. 10th 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. 17th, 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. 23rd 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. 24th, 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. 31st 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. 7th 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. 14th 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. 21st 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. 28th 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. 4th 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. 14th 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. 21st. March, 1958. In the Raven County. Suitable Crag.. 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. 28th 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. 4th 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. 11th, 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. 18th, 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. 25th, 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. 2nd 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. 9th 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. 23rd 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. 30th, 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. 18th 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. 8th, 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. 15th 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. 22nd, 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. Fungi - Chantarelle. Sparrowhawk. Mallard. Common Gulls].
- 1958 Carlisle Journal. 29th, 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. 5th 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. 12th 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. 19th, 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. 26th 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. 3rd 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.

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- 1958 Carlisle Journal. 17th, 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, 24th 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, 31st, 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].
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- 1958 Carlisle Journal, 14th, 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. 21st, 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. Common Gulls. Curlew. Redshank. Oystercatcher, great flocks. Black-headed Gulls. Common Gulls. Herring Gull. Pink-footed Geese. Widgeon (60/80)].
- 1958 Carlisle Journal. 28th, 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].
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- 1958 Carlisle Journal. 19th, 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. 26th, 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].
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- 1959 Carlisle Journal. 15th, 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 :

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- 1959 Carlisle Journal. 26th, 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. 3rd 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. 10th, 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. Cloudberry or "Knoutberry". Whortleberry. Carrion Crow].
- 1959 Carlisle Journal. 17th 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. 21st 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. 28th 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. 4th, 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. 11th 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. 18th, 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. 25th 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. 2nd, 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. 9th, 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. 16th, 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].
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- 1959 Carlisle Journal. 30th, 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. 13th. 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. 20th 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. 27th 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. 4th, 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. 11th, 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. 18th, 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].
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: An introduction to the proposed layout for future record submissions, plus : **Ambleside Field Society** : Early Forget-me-not. Evening Primrose. Leopard's Bane. Solomon's Seal.
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 Migonette or Base Rocket. Wild Rosemary.
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1975 Sub-Editor. Plant Report , 1974. Natural History in Cumbria : 1974. 24-31. Assn. Cumbria. Nat. Hist. Soc. [**Ambleside Field Society** : *Cardamine raphanifolia*. Fairy Foxglove. Monkeyflower. Musk Mallow. New Zealand Willowherb. Pale Toadflax. *Rubus spectabilis*. Snowdrop. **Arnside Natural History Society** : Angular Solomon's Seal. Bog Pimpernell. Caper Spurge. Crow Garlic-nil report. Daphne Mezereum. Giant Bell Flower. Lesser Butterfly Orchid. Martagon Lily. Sawwort. Spring Cinquefoil. Stone Bramble. Wild Service Tree. Yellow Star-of-Bethlehem. [**Eden Field Club** : **Crosby Gill** : Alpine Bistort. Common Butterwort. Common. Milkwort. Marsh Arrowgrass. Yellow Saxifrage. **Little Fell** : Alpine Forget-me-not. Alpine Lady's Mantle. Bearberry. Cowberry. Common Cow-wheat. Fir Club-moss. Oak Fern. **Some individual records from the club** : Alder Buckthorn. Alpine Bartsia. Caraway. Dwarf Milkwort. Giant Hogweed. Holly Fern. Indian Balsam. Melilot (Tall and White). Northern Fragrant Orchid. Perennial Flax. Yellow Star-of-Bethlehem. **Grange Natural History Society** : Bird's-foot Sedge. Broad-leaved Meadow-grass. Flat Headed Sedge. Green-winged Orchid. Greyish Club-rush. Hedgerow Crane's-bill. Hemlock. Hoary Rockrose. Knawel. Martagon Lily. Primula hybrid - *veris x vulgaris*. *Rubus laciniatus*. Wood Fescue. **Keswick Natural History Society** : **Brigsteer Woods** : Herb Paris. Lily-of-the-Valley. Toothwort. Visits to **Catlands Quarry** : Fragrant Orchid. Frog Orchid. Lesser Marshwort. Thread-leaved Water Crowfoot. Water Purslane. **Hutton Roof Crag** : Fly Orchid. Horseshoe Vetch. Limestone Fern. Rigid Buckler-fern. Spring Cinquefoil. Spring Sandwort. **Sandscale and Roanhead** : Blue Fleabane. Broad-leaved Helleborine. Coral Root Orchid. Dune Helleborine. Early Marsh Orchid. Fragrant Agrimony. Northern Downy Rose. 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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- 1976 Sub-Editor. Plant Report, 1975. Natural History in Cumbria : 1975-76. 36-45. Assn. Cumbria. Nat. Hist. Soc.
- 1976 Sub-Editor. Some Moss Records, 1975. Natural History in Cumbria, 1975-76. 43. Assn Cumbria Natural History Societies.
- 1977 Flora of Cumbria Project. Birds in Cumbria : 1976-77. 48-49. Assn. Nat. Hist. Soc in Cumbria.
- 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.
- 1978 Sub-Editor. Plant Report, 1977. Birds in Cumbria : 1977-1978. 38-43. Assn. Nat. Hist. Soc. in Cumbria. [**Arnside and District Natural History Society. Information supplied by Mrs M. Baecker** : Beaked Hawk's-beard. Dwarf Spurge. Orach (*Atriplex longipipes*). Rough Hawk's-beard. Sea fern-grass. Sedge (*Carex strigosa*). Wild Asparagus. **Barrow Naturalists Field Club and Photographic Society. Information supplied by Mrs B. Fisher** : Autumn Ladies Tresses. Common Broomrape. Dittander. Haresfoot Clover. Horseradish. Japanese Polygonums. Pearl Everlasting. Purple Toadflax. Soapwort. White Melilot. Yellow Melilot. **C.N.T. Reserves**. Information supplied by Miss K. Atkinson. (No specific entries, except some information by Mr Allison from Foulney Island concerning Sea Kale. **Eden Field Club**. Information supplied by Mrs D. Hinchcliffe. Broad-leaved Ragwort. Common Wintergreen. Herb-Paris. Rough Hawk's-beard. Star-of Bethlehem. Thorn Apple. Yellow Star of Bethlehem. **Flora of Cumbria Project** : Autumnal Water-starwort. Black Horehound. Blunt-fruited water-starwort. Common Cord-grass. Corn Buttercup. *Elodea nuttalli*. Lady's Mantle. *Linaria repens x vulgaris* (hybrid). Piggot. Pillwort. Six-stamened Waterwort. Slender trefoil. Sweet-flag. Ternate-leaved Cinquefoil. Umbellate Hawkweed. Whorl-grass. **Miscellaneous Records**. Beaked Tasselweed. Black Horehound. Sea Pea (disappearance). Sea Plantain. Sea Radish. Shrubby Cinquefoil. Slender Thistle.
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- 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. G;asswort. 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 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 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 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 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 unbellatum*. Mountain Pansy. Spignel me. (Also known as Sphignel 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. 20th-24th May, 1982. Watsonia. **15**, (1), January, 67-68. [Field Study for Taraxacologists - includes reference to Chris Haworth].
- 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. Hairy buttercup. Marsh Orchid. Mountain everlasting. Ploughman's spikenard. Sheep's sorrel. Tuberous vetchling. **CTNC Reserves** : **Eskmeals** : Bog pimpermell. 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.

- Hairy 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*). Tassel 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.
- 1988 Dandelions. Birds in Cumbria, Spring 1988. 53-55. Assn. Nat. Hist. Soc in Cumbria.
- 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 22nd 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].

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- 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.
- 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 Joint Author : Allen, P. V. Temporary changes in the composition of a post glacial diatom profile from Ullswater. *Proc. 7th Int. Diatom Group*. Edited by D.G.Mann. 431-442. 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 Blenheim 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.
- 1985 The highly nervous system of the English Lake's : aquatic ecosystem sensitivity to external changes, as demonstrated by diatoms. Freshwater. Biol. Ass. 53rd Annual Report. 60-79.
- 1989 Changes in Lake District tarns-the microfossil evidence. Microscopy. **36**, 221-223.
- 1990 Joint Authors : Atkinson, K. M., Carrick, T. R. The preliminary assessment of diatom distribution in the water bodies of Cumbria, North-West England. **In :-** Simola, H Editor. Proc. 10th Int. Diatom Symposium. 459-470. Koeltz, Koenigstein.
- 1991 Joint Author : Lishman, J. P. Recent changes in upland tarns in the English Lake District. Hydrobiologia. **214**, 181-186.

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- 2003 Plumgarth is officially open. Cumbrian Wildlife. **67**, September, 26.
- 2005 Overwhelming support for peat bog restoration at Foulshaw Moss. Cumbrian Wildlife. **73**, September, 24-25.
- 2005 Peat Bog restoration at Foulshaw Moss. Cumbrian Wildlife. **73**, September, 24-25.

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- 1997 Raven. Cumbria Raptor Study Group Report. 13-14.
- 1998 Raven. Cumbria Raptor Study Group Report. 11.
- 1999 Raven. Cumbria Raptor Study Group Report. 11.
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- 1964 Observations on the seasonal and spatial distribution of Testacea. (Protozoa : Rhizopoda) in Sphagnum. Moor House N.N.R. J. Anim. Ecol. **33**, (2), 395-412.
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- Nibthwaite Fen].
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- 1967 Joint Authors : Latter, P. M. Cragg, J. B. Comparative studies on the microbiology of four moorland soils in the North Pennines. Moor House, National Nature Reserve. Westmorland. *J. Ecol.* **55**, (2), 445-464.
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- 1978 Joint Author : Rawes, M. The blanket bog as part of the Pennine Moorland. **In :-** Production-Ecology of British moors and montane grasslands. Edited by Heal, O.W. and Perkins, D.F.) 224-243. Springer-Verlag.
- 1978 Joint Authors : Latter, P. M. and Howson, G. A study of the rates of decomposition of organic matter. **In :-** Production : ecology of British Moors and Montane Grasslands. Edited by Heal, O. W. and Perkins, D. F. 136-159. Springer-Verlag. Berlin.

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- 1946 The Life History of *Pachythelia villosella* Ochs. (Nigran's Curt.) (Lep. Psychidae). *Ent. mon. Mag.* **82**, March, 59-63.
- 1956 Some parasites of *Liriomyza impatientis* Brisch (Dipt : Agromyzidae), including a Eulophid (Hym), new to Britain. *Ent. mon. Mag.* **92**, December, 402. [*Chrysocharis punctiscapus* Thom (Chalcidoidea., Eulophidae) and *Miscogaster elegans*, Walker. (C. Pteromalidae)]. [Location : Fell Foot, Newby Bridge].
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- 1958 Author : Michaelis, H. N. Microlepidoptera in Lancashire and Cheshire, 1951 - 1957. [Records of *Endothenia ericetana* Wocke taken at Grange-over-Sands and *Argyroplote arcuella* (Clerck) taken at Windermere by John Heath].
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- 1954 Editor. Hunters by night. [Moth Trapping :- Oak Beauties. Yellow-horned. White-marked. Northern Drab. Pine Beauty. Orange Underwing]. Field Naturalist. April 2.
- 1954 Editor. Information required by Merlewood Research Station. Field Naturalist. August. 1-2.
- 1954 Editor : In Memoriam : Harry Britten. Field Naturalist. February. 1.
- 1954 Editor. Insect Notes, Molluscs and Fish. [Includes :- sighting of a small transparent slug. Later Recorded in the Field Naturalist in January, 1955 as *Agriolimax articulatus* Mull. 4.
- 1954 Editor. Insect records of interest. [Includes :- Brown Argus. Plume-Moth. Wood Ants]. Field Naturalist. August. 3.
- 1954 Insect visitors. [Includes :- *Plusia confusa* Stevens. *H. ophiogramma*. Dusky-lemon Sallow. The Bulrush (*N. typhae*). Red-line Quaker (*O. lota*). Field Naturalist. October. 4.
- 1954 Editor. Mammals and other beasts. [Field sightings :- Red, Roe and Fallow Deer. Red Squirrels. Fox. Fell Ponies. Natterjack Toad. Sand Lizards]. Field Naturalist. June. 2.
- 1954 Editor. Mammals in Winter. [Field sightings :- Roe Deer. Possible Polecat sighting. Mammals in South Westmorland]. Field Naturalist. February. 2.
- 1954 Editor. May Insects. [Includes :- Moths. Bordered Sallow. Iron Pebble. Lesser Swallow. Pale Prominents. Poplar and Eyed Hawks. Oak Pug. Tawny Shears. Glaucous Shears. Butterfly - Cabbage White]. Field Naturalist. June. 2.
- 1954 Editor. Merlewood Research Station. Field Naturalist. August. 1-2.
- 1954 Editor. Myxomatosis. Field Naturalist. September. 1.
- 1954 Editor. Myxomatosis. Field Naturalist. October. 1-2.
- 1954 Editor. Myxomatosis. Field Naturalist. November. 4.
- 1954 Editor. Notes from Bird watchers. [includes :- The call of May. Summer migrants. Passage Migrants. Late Stayers. Causes of death in Birds. Oiled Birds]. Field Naturalist. June. 2-4.
- 1954 Editor. Notes on Bird behaviour. [Includes :- Dipper movements. Long-eared Owl pellets. Turnstone. Scaup. Cuckoo. Barn Owl mortality]. Field Naturalist. February. 4.
- 1954 Editor. Notes on Bird behaviour. [Includes :- Mute Swan Display. Egg-rolling by Snipe. Wood Pigeon's Crop. Massed Flights. Pied Wagtail Mortality]. Field Naturalist. May. 4.
- 1954 Editor. Notes on Bird behaviour. [Includes :- Starling roost in editors garden disperses. Water Rail. Jackdaws. Green Woodpecker-screaming]. Field Naturalist. January. 4.
- 1954 Editor. Notes on Insects [Includes :- Moths. Early Moth. Spring Usher. Dotted Border. Pale Brindled Beauty. *T. tortricella*. Brimstone Butterfly]. Field Naturalist. March. 2.
- 1954 Editor. Notes on Insects. [Moths :- Garden Tiger. Broad-bordered Yellow Underwing. Anomalous Moth. Vapourer Moth]. Field Naturalist. September. 3.
- 1954 Editor. Notes on Insects. [Includes :- Puss Moths. Iron Prominent. Lesser Swallow Prominent]. Field Naturalist. May. 2.
- 1954 Editor. Notes on Mammals. [Field Sightings :- Hares. Red Squirrel. Fallow Deer. Roe Deer]. Field Naturalist. May. 2.
- 1954 Editor. Notes on Mammals. [Field sightings :- Rats. Stoats. Roe deer. Red Squirrel. Otters]. Field Naturalist. March. 4.
- 1954 Editor. Notes on Mammals. [Field Sightings :- Red Deer. Roe Deer]. Field Naturalist. September. 2-3.
- 1954 Editor. Notes on Mammals. [Field sightings :- Red Squirrel. Roe Deer. Hare]. Field Naturalist. April. 2.
- 1954 Editor. Notes on Mammals. [Field Sightings :- Roe Deer. Shrew]. Field Naturalist. January. 3-4.
- 1954 Editor. Notes on Plants - April Blossoms. [Includes :- *Veronica filiformis*. *Cerastium tetradrum*. Mouse-ear Chickweed. (Maritime species). Field Mouse-ear Chickweed. Herb Paris. Mistletoe]. Field Naturalist. May. 1.
- 1954 Editor. Notes on Plants - August Flowers. [Includes :- Pearly Everlasting. Dark Mullien.

- Hares-foot Clover. Harebells. Broad-leaved Ragwort. Sea Lavender. *Myosotis brevifolia*. Bristle Scirpus]. Field Naturalist. September. 4.
- 1954 Editor. Notes on Plants - May Flowers. [Includes :- Bird Cherry. Rowan. Purple Saxifrage. Dwarf Willow. Bird's - eye Primrose. King Cup. Globe Flower. Mountain Pansy. Mountain Everlasting. Spring Gentian. Arctic-Alpine Flora. *Geum intermedium*. Dandelions]. Field Naturalist. June. 1-2.
- 1954 Editor. Notes on Plants. [Includes :- Barren Strawberry. Pyrus Japonica. Wild Strawberries. Soapwort]. Field Naturalist. November. 1.
- 1954 Editor. Notes on Plants. [Includes :- Coltsfoot. Common Whitlow-grass. *Lysimachia terrestris*. *Lysimachia ciliata*. Hard Shield Fern]. Field Naturalist. March. 1.
- 1954 Editor. Notes on Plants. [Includes :- Daffodils. Spurge Laurel. Danish Scurvy-grass. Yellow Star of Bethlehem. Pyrus Japonica]. Field Naturalist. April. 1-2.
- 1954 Editor. Notes on Plants. [Includes :- Narrow-leaved Everlasting Pea, (*L. sylvestris*). Autumn lady's - tresses. Enchanters Nightshade (*Circaea intermedia*). Broad-leaved Ragwort. Meadow Suffran. Autumn Crocus. Small and Yellow Balsam. Tutsan. Monkshood, Twiggly Mullein. Orange-flowered Hawkweed. Musk Mallow. Crosswort. Sand Leek]. Field Naturalist. October. 4.
- 1954 Editor. Oiled Birds - tracking currents. Field Naturalist. January. 4.
- 1954 Editor. Other Bird notes. [Includes :- Albinos. Causes of death in Birds. Bird ringing. Also, Notes on Bird behaviour - Cormorants. Redshank]. Field Naturalist. March. 3-4.
- 1954 Editor. Other Notes on Birds. [Includes :- Harbringers of Winter. Late nesting Swallows. Barn Owls. Peregrine near Sedburgh. Birdsong. Freak colouring, (Fawn Peewit and Starling). Summer visitors. Swallows feeding. Field Naturalist. October. 3.
- 1954 Editor. Other Bird Notes. [Includes :- Unusual visitors - Turtle Dove. Unusual colouring. Unusual song. Oil Pollution Survey. Vertical distribution of Herons. Kestrel behaviour]. Field Naturalist. August. 4.
- 1954 Editor. Plant records of interest. [Includes :- Milk Vetch. Wood Vetch. Elecampane. Black Sedge (*Carex atrata*) Mud Sedge (*Carex limosa*). Rowan]. Field Naturalist. August. 2.
- 1954 Editor. Recovery of ringed Birds. Field Naturalist. February. 4.
- 1954 Editor. Some unusual Winter records, Waders, Waterfowl and others. Field Naturalist. February. 3-4.
- 1954 Editor. The Natural History of the corn-stack. Field Naturalist. August, 2.
- 1954 Editor. The Natural History of the hedgerow. Field Naturalist. May, 1-2.
- 1954 Editor. Washed ashore :- Dolphin. Shark. Porpoise. Lesser Rorqual. Field Naturalist. August. 2.
- 1954 Editor. Winter visitors of note. [Birds]. [Includes :- Great Grey Shrike. Peregrine. Hen Harrier]. Field Naturalist. January. 3.
- 1955 Author : Davidson, W. F. *Loxostege sticticalis* Linn in Cumberland. Ent. Rec. **67**, (10), October, 273-274. [Reference to G.A.K.Hervey].
- 1955 Editor. Announcing a new look and change of format for the Field Naturalist. Field Naturalist. December. 1.
- 1955 Editor. Bird distribution in a mild November. [Includes :- Large flocks of Wood Pigeons. Dabchick. Water Rail. Gulls. Geese. Warblers. Grebes. Swans]. Field Naturalist. December. 2-3.
- 1955 Editor. Bird life among the Winter Storms. Field Naturalist. January. 3.
- 1955 Editor. Bird life - the Winter scene. [Includes :- House Martins. Swallows. Waders. Gulls. Geese. A Tufted Duck with Scaup characteristics. Corn Bunting. Meadow Pipits. Starling roost at Windermere]. Field Naturalist. November. 2-3.
- 1955 Editor. Bird migration and distribution. [Includes :- Iceland Gull. Red-throated Pipit. Peregrine. Corncrakes in Eden. Golden-eye. Dippers]. Field Naturalist. June. 3.
- 1955 Editor. Bird movements. [Includes :- Pink-footed Geese. Mergansers. Whimbrel. Oystercatchers. Thrushes. Finches. Green Woodpecker]. Field Naturalist. February. 2.
- 1955 Editor. Bird movements in February. [Includes :- Gull roosts on Ullswater. Inland Gannets. December Wreck 20th - 23rd December]. Field Naturalist. March. 3-4.
- 1955 Editor. Bird Notes. [Includes :- Birds of special interest. Bird Song. Oystercatcher flocks. Gull-roosts at Ullswater. Dipper in Penrith. Whooper Swans on Grasmere Lake]. Field Naturalist. February. 3-4.
- 1955 Editor. Bird Notes. [Includes : Unusual visitors. Hooded Crow at Asby. Distribution and Numbers. Mass Movements (East Coast). Infected Common Gull. Dipper. Ringing]. Field Naturalist. November, 3-4.

- 1955 Editor. Bird Notes. [Includes :- Little Auk at Appleby. Great Northern Diver on Lylmere. Bittern in Cumberland. Grebes. Bird Song. Bird Ringing. Diseased Bird - Common Gull. Freak Birds. Notes on behaviour - Little Grebe. Dipper. Coot Enquiry). Field Naturalist. December. 3-4.
- 1955 Editor : Bird Notes. [Oystercatchers. Dipper. Lapwing/Peewits. Shoveler (River Eden). Sedge Warbler. Tawny Owl]. Field Naturalist. June, 2-3.
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- 1955 Editor. Bird Notes. [Includes :- Unusual visitors - Hooded Crow at Asby. Distribution and numbers. Mass movements (East Coast). Infected Common Gull. Notes on behaviour - Including Peregrines. Starling roosts. Dipper. Ringing]. Field Naturalist. November. 3-4.
- 1955 Editor. Bird Notes. Nests, eggs and fledglings. [Includes :- Oystercatchers. Dipper. Peewit. Shoveler.(River Eden). Sedge Warbler. Tawny Owls]. Field Naturalist. June. 2-3.
- 1955 Editor. Bird notes of special interest. [Includes :- Water Pipit. Golden Eagle. Stonechats. General notes. Ringing. Freak Birds]. Field Naturalist. May. 3-4.
- 1955 Editor. Bird Rareties. [Includes :- Golden Eagle. Rough-legged Buzzard. Red-throated Pipits? Nutcrackers? Red-necked Grebe]. Field Naturalist. March. 2-3. [Further discussion on the Red-throated Pipits and the Nutcracker appears in the April edition, 2].
- 1955 Editor. Birds. They come, they go. [Includes :- Late stayers. Summer Migrants. Song and Nesting. Heronries]. Field Naturalist. May. 203.
- 1955 Editor. Bird Visitors. [Includes :- Further notes on Bird rareties. Spring coming and going. Bird song and nesting. Causes of death in Birds. Unusual feeding. Freak Bird. Dippers. Flocks of Sky Larks. Gull roost on Ullswater. Ringed Birds]. Field Naturalist. April. 2-4.
- 1955 Editor. Bird Watchers Notes. [Includes :- On the move (Waders. Gulls. Shelduck. Swifts. Swallows. Redpoll). Late breeding. Nesting success. Notes on distribution. Freak birds. Notes on behaviour (Oystercatchers. Gulls. Treecreeper. Song Thrush nesting activities timed and recorded]. Field Naturalist. September. 2-3.
- 1955 Editor. Bird Watchers Notes. [Includes :- 1955 nesting season. Feeding habits. Interesting visitors. Flocking. Dawn chorus. Freak Birds]. Field Naturalist. July. 2-3.
- 1955 Editor. Causes of death in Birds. Field Naturalist. February. 2.
- 1955 Editor. Effects of Myxomatosis. [Evidence includes :- Loss of Field Mice and Voles. Non-breeding Owls. Boldness of Stoats. Loss of Bird eggs and fledgelings. Cats. Changes to warrens]. Field Naturalist. August. 3.
- 1955 Editor. Effects of Myxomatosis. Field Naturalist. September. 1 and December. 1.
- 1955 Editor. Hardy insects. [Includes :- Rosy rustic. Pale Mottled Willow. Turnip Moth. Red Swordgrass. *E. congelatella*. Angleshades. Large Mallow]. Field Naturalist. November. 4.
- 1955 Editor. Insect Notes [Beetles attracted to M.V. lights]. The Field Naturalist. August, 2.
- 1955 Editor. Insect Notes - Entomological activity. [Includes :- Small Tortoiseshell Butterfly. Whites. Orange Tip. *S. avellanella*]. Field Naturalist. May. 2.
- 1955 Editor. Insect Notes - Hardy insects. [Includes:- Rosy Rustic. Pale Mottled Willow. Turnip Moth. Red Swordgrass. *E. congelatella*. Angleshade. Large Mallow]. Field Naturalist. November. 4.
- 1955 Editor. Insect Notes [Includes :- *Crambus tristellus*. Dawn Arches. Large Yellow Underwing. Wasps. Burying Beetles. Ground Beetle. Water Beetle. Water Boatmen. Bed Straw Hawk. Great Brocade. Small Mottled Willow (*S. Exigua*). Lead Belle. Grass Emerald. Green Arches. Triple-spotted Clay (*G.ditrapezium*). Large Emerald. Anomalous. Juniper Pug. Least Yellow Underwing (*T. interjecta*). Dusky Shears (*O. fissipuncta*). Northern Rustic (*A. lucernea*). Miller (*A. leporina*). Marbled Coronet (*H. conspersa*). Bordered Sallow (*C. umbra*). Oblique-striped (*X. vittatal*). Micro moths. Field Naturalist. August. 2.
- 1955 Editor. Insect Notes. [Includes :- Large White. Spring Usher. Sexton Beetle]. Field Naturalist. January. 4.
- 1955 Editor. Insect Records. [Includes :- Early Moth. Spring Usher. Pale Brindled Beauty. March Moth]. Field Naturalist. February. 2.
- 1955 Editor. Insect Records. [Includes :- Mottled Umber. Green Oak-Tree Tortrix. Great Brocade. *Pulsia confusa*. Rare Beetle - *Leistus montanus*]. Field Naturalist. January. 2.
- 1955 Editor. Insect Records. [Includes :- Prevalence of 2nd broods. Poplar Hawkmoth. Miller. Sallow Kitten. Pebble Hook-tip. Iron Prominent. Gold Spot. Burnished Brass. Dark Spectacle. Pale Oak Eggar. Rustic. Haworths Rustic. Bulrush Moth. Butterbur Moth. Anomalous. Crescent.

- Lesser-spotted Pinion. Oblique Striped. The Gem. Orange Sallow. Ruby Tiger. Great Brocade. Micro Moths. Golden-red Brindle. Grey Chi. Butterflies Red Admirals. Small Tortoiseshell. Painted Ladies. Common White]. Field Naturalist. September. 3-4.
- 1955 Editor. [Insects]-Hunters by night. [Includes :- Scarce Prominent. Dwarf Pug. Seraphim. Lunar Marbled Brown. Figure of Eighty. Royal Mantle. Yellow-barred Brindle. Clouded Silver. Popular Moth. Puss Moth. Peppered Moth]. Field Naturalist. June. 2.
- 1955 Editor. Insects in Winter. [Includes :- Winter Moth. Northern Winter Moth. Mottled Umber. December Moth. Silver Y]. Field Naturalist. December. 4.
- 1955 Editor. Insects - Slaves of the Lamp. [Includes :- M.V. Lamps and Moth reactions. Bordered White. Water-beetles. Water-bugs. Scarce Silver Y. Beautiful Golden Y. Plain Golden Y. Gold Spangle. Gold Spot. Golden Pulsia. Green Arches. Small Mountain Ringlet. Figure of Eighty-revised to Poplar Lutestring. Royal Mantle revised to Seraphim. Peppered Moth. Oak Beauty]. Field Naturalist. July. 3-4.
- 1955 Editor. Insects. Wasps and other Hymenoptera. Field Naturalist. September. 4.
- 1955 Editor. Notes on Amphibians and Mammals. [Field sightings. Palamated Newts- Ribble Valley. Roe Deer. Red Squirrel]. Field Naturalist. July. 2.
- 1955 Editor. Notes on Mammals. [Field sightings:- Badger. Red Squirrel]. Field Naturalist. March. 1-2.
- 1955 Editor. Notes on Mammals. [Field sightings :- Hedgehogs. Badgers. Red Squirrel. Roe Deer. Fallow Deer]. Field Naturalist. May. 4.
- 1955 Editor. Notes on Mammals. [Includes Rabbits re-establishing after myxomatosis. Rats moving into empty rabbit burrows]. Field Naturalist. June. 3.
- 1955 Editor. Notes on Mammals, Fish and Reptiles. [Field sightings :- Roe Deer. Myxomatosis. Salmon on the River Eden dying after floods]. Field Naturalist. January. 2-3.
- 1955 Editor. Notes on Mammals. [Long-tailed Field Mouse - Ravensdale]. Field Naturalist. February. 2.
- 1955 Editor. Notes on Mammals. [Field sightings - Red Squirrel, Salkeld]. Field Naturalist. December. 4.
- 1955 Editor. Notes on Mammals. [Myxomatosis]. Field Naturalist. April. 4.
- 1955 Editor. Notes on Plants. [Includes :- Celandines. Sallow. Wild Daffodils. Primroses]. Field Naturalist. April. 2.
- 1955 Editor. Notes on Plants. [Includes:- Effects of sudden frosts on trees. Felwort, (G. amarella). Primrose]. Field Naturalist. November. 1.
- 1955 Editor. Notes on Plants. [Includes :- Enchanters Nightshade. Lousewort]. Field Naturalist. September, 1-2.
- 1955 Editor. Notes on Reptiles, Amphibians and Fish. [Includes :- Common Lizard at Coniston Lake. Toad mortality. Bitterling - S. Lancs]. Field Naturalist. May. 2.
- 1955 Editor. Other Bird Notes. [Includes :- Oystercatcher Survey. Ringing. Abnormal Birds. Nesting. Dotterel. Crossbill. Little Grebes. Barn Owl Mortality]. Field Naturalist. January. 3-4.
- 1955 Editor. Other notes on Birds. Field Naturalist. December. 3-4.
- 1955 Editor. Plant Notes. Aliens. [Includes :- Milk Vetch. Black Hare's-foot Clover. Black Sedge. Elecampane]. Field Naturalist. January. 2.
- 1955 Editor. Plant Notes. [Includes :- Enchanter Nightshade. Lousewort]. Field Naturalist. September. 1-2.
- 1955 Editor. Plant Notes. [Includes :- Flowering Rush. Water Crowsfoot (*Ranunculus peltatus*). Rock Rose (Pale Yellow), Pale Toadflax (*Callitriche intermedia* var *pedunculata*). Scirpus setaceus]. Field Naturalist. August. 1.
- 1955 Editor. Plant Notes. [Includes :- Water Starworts (*Callitriche intermedia*) at Salkeld Dykes. Lesser Periwinkle. Winter Aconite]. Field Naturalist. January. 4.
- 1955 Editor. Plant Records. [Includes :- Coltsfoot. Primroses. White Butterbur. Snowdrop. Barren Strawberry. Storks-bill]. Field Naturalist. February. 1.
- 1955 Editor. Plant Records. [Includes :- Spring Gentians. Treacle Mustard. Water Chickweed (*Monita* Sp.) *Primula varibilis*. Water Avens hybrid (Geum intermedia). Pink Primrose. Cuckoo Flower. Bracken. Male Fern]. Field Naturalist. June. 2.
- 1955 Editor. Plants - Spring Flowers. [Includes :- Cuckoo Flower. Wood Anemone. *Veronica filiformis*. Wilson,s Filmy Fern. Green Hellibore. Kingcup. Field Naturalist. May. 1-2.
- 1955 Editor. Plants-Summer Blossoms. [Includes :- Fly and Bee Orchids. Water Chickweed. Dusky Crane's-bill. New Zealand Willow Herb (*Epilobium pedunculare*). Bristle Scirpus. French Hawk's-beard (*Crepis nicaeensis*). Bastard Service-tree, (*Sorbus hybrida*). Field Naturalist.

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- 1955 Editor. Plant surprises for the November Botanists. [Includes :- Hazel Catkins. Snowdrops. An old tree with four different trees growing from it]. Field Naturalist. December. 2.
- 1955 Editor : Hervey, G.A.K. Slaves of the lamp - M.V. Lamps and Moths reactions. Field Naturalist. July, 3-4.
- 1955 Editor. Some note-worthy Bird records. [Includes :- Hoopoe's in the North West. Turtle Dove at Windermere]. Field Naturalist. January. 2.
- 1955 Editor. Surprises for the November Botanist. [Hazel catkins. Snowdrops. An old tree with four different trees growing out from it. Field Naturalist. December. 2.
- 1955 Editor. The effects of Myxomatosis. Field Naturalist. September, 1.
- 1955 Editor. The Winter scene-Bird life. Field Naturalist. November. 2-3.
- 1955 Editor. Wasps and other Hymenoptera. Field Naturalist. September. 4.
- 1955 Editor. Winter insects. [Including : Winter Moth. Northern Winter Moth. Mottled Umber. December Moth. Silver Y]. Field Naturalist. December. 4.
- 1955 Editor. Wood Ants. Summary of a Report by J.E.Satchell and C.A. Collingwood - Merlewood Research Station. Field Naturalist. August. 2-3.
- 1956 Author : Birkett, N. L. An 'overlooked' foodplant of *Exapate congelatella* Clerck. Ent. Rec. **68**, (12), December, 310. [Reference to G.A.K.Hervey].
- 1956 Author : Birkett, N. L. *Hydraecia oculea* L. and its near relatives in North West England. Entomologist. **89**, no 1112, January, 20-21. [Reference to Canon Hervey].
- 1956 Author : Davidson, W. F. *Acherontia atropus* L. in Cumberland. Ent. Rec. **68**, (10), October, 247. [Reference to G.A.K.Hervey].
- 1956 Editor. Abnormal Growths. [Plants]. Field Naturalist. **1**, (n.s), (5), 4.
- 1956 Editor. After-effects of Myxomatosis. The Field Naturalist. **1**, (n.s), (4), 5-6.
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- 1956 Editor. An "Antrobus" year. [Hawk Moths]. The Field Naturalist. **1**, (n.s), (5), 4-5.
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- 1956 Editor. Bats Diets. The Field Naturalist. **1**, (n.s), (6), 12.
- 1956 Editor. Bird Nests - ordinary and extraordinary. The Field Naturalist. **1**, (n.s), (4), 8-9.
- 1956 Editor. Bird Report. [Includes :- Winter Scene and Detailed notes on Birds]. The Field Naturalist. **1**, (n.s), (1), 3-4 and 6-8.
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- 1956 Editor. Bird Populations. The Field Naturalist. **1**, (n.s), (4), 9-10.
- 1956 Editor. Birds on the Move. The Field Naturalist. **1**, (n.s), (5), 7-8.
- 1956 Editor. Botanical Notes. The Field Naturalist. **1**, (n.s), (6), 6-7.
- 1956 Editor. Colonies of Mining Bees (*Andrena cineraria*) at Ennerdale. The Field Naturalist. **1**, (n.s), (3), 7.
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- 1956 Editor. Notes from Birdwatchers. [Includes :- Bird behaviour, Bird song, Distribution, Freak birds, Infected Gulls, Nesting behaviour, Rare visitors, Ringing recoveries]. The Field Naturalist. **1**, (n.s), (3), 8-11.
- 1956 Editor. Notes on Lepidoptera. [Butterflies and Moths]. The Field Naturalist. **1**, (n.s), (4), 4.
- 1956 Editor. Notes on Mammals. [Field sightings :- Cats, Otter, Porpoise, Red Deer, Stoats]. The Field Naturalist. **1**, (n.s), (4), 7-8.
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- 1956 Editor. Notes on Mammals and Reptiles. [Field sightings :- Badgers, Grey Squirrel, Otters, Pine Marten, Rabbits, Rats, Red Deer. Stoats, Whiskered Bat, Frogs, Lizards]. The Field Naturalist. **1**, (n.s), (6), 7-8.
- 1956 Editor. Notes on Reptiles. [Field sightings :- Slow-worm(Blue-spotted Race), Grass Snake]. The Field Naturalist. **1**, (n.s), (4), 8.
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- 1956 Editor. Other Insect Notes. The Field Naturalist. **1**, (n.s), (3), 8.
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- 1956 Spiders from Windermere, 1956. [Recent additions to Cumbria Listings]. The Field Naturalist. **2**, (n.s), (1), 5.
- 1956 Editor. Spring Moths. The Field Naturalist. **1**, (n.s), (2), 8.
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- 2006 Virtual Fauna of Lakeland Website. The Carlisle Naturalist. **14**, (2), Editorial.
- 2007 Bugs (Hemiptera) Report, 2006 Birds and Wildlife in Cumbria : 2006. 197 Cumbria Naturalists Union. [Records include : Juniper Shieldbug (*Cyphostethus tristriatus*). Green Shieldbug (*Palomena prasina*). Blue Shieldbug (*Zicrona caerulea*). Beetle Bug (*Issus muscaeformis*).
- 2007 Grasshoppers and Crickets (Orthoptera) Report, 2006. Birds and Wildlife in Cumbria : 2006. 196-197. Cumbria Naturalists Union. [Records include :- Bog Bush-cricket (*Metrioptera brachyptera*). Short-winged Conehead (*Conocephalus dorsalis* - A new species to Cumbria). Speckled Bush-cricket (*Leptophyes punctatissima*). Lesser Earwig (*Labia minor*).
- 2007 Joint Authors : Drake, C. M., Godfrey, A, Parker, J. Fly assemblages of sandy exposed riverine sediments. Final Report - April, 2007. Unpublished report to Buglife, Peterborough.
- 2007 Sub-Editor. Mammal Report, 2006. Birds and Wildlife in Cumbria : 2006. 173-177. Cumbria Naturalists Union. [Hedgehog. Mole. Common Shrew. Water Shrew. Bats (Brandt's. Brown Long-eared. Common Pipistrelle. Daubentons. Natter's. Noctule. Soprano Pipistrelle. Whiskered). Rabbit. Brown Hare. Red Squirrel. Grey Squirrel. Bank Vole. Field Vole. Water Vole. Wood Mouse. Common Rat. Hazel Dormouse. Bottle-nosed Dolphin. Porpoise. Fox. Polecat/Polecat-Ferret. Stoat. Weasel. Mink. Badger. Otter. Grey Seal (Information supplied by Kay Foster - CWT). Common Seal. Red Deer. Roe Deer.
- 2007 Spiders Workshop. 15th September, 2007. Leaders : Newton, Jennifer and Blackledge, Dave. The Carlisle Naturalist. **15**, (2), 24-26.
- 2008 Bugs (Hemiptera) : Invertebrate Report, 2007. Birds and Wildlife in Cumbria, 2007. 196. Cumbria Naturalists Union. [Report on *Capsodes gothicus* (Re-discovered by John Read)].
- 2008 Flies (Diptera) : Invertebrate Report, 2007. Birds and Wildlife in Cumbria : 2007. 196-197. Cumbria Naturalists Union. [Records include : *Nephrotoma quadristriata*. *Nephrotoma lunulicornis*. *Arctoconopa melampodia*. *Tachydromia acklandi*. *Tachydromia halidayi*. Round-spotted Major (*Oxycera dives*). Pied-winged Robberfly (*Pamponerus germanicus*). Northern Silver Stiletto-fly (*Spiriverpa lunulata*). Southern Silver Stiletto-fly (*Clorismia rustica*). *Xylota florum*. *Platyparea discoidea*).
- 2008 Distribution of Stiletto flies, including the U. K. Biodiversity Action Plan - Southern Silver Stiletto-fly (*Clorismia rustica* (Panzer)), on the River Eden in Cumbria. The Carlisle Naturalist. **16**, (2), August, 49-59.
- 2008 Neil Arthur Robinson, (1935-2008). The Carlisle Naturalist. **16**, (2), Autumn, 60-62.
- 2009 Author : Read, J. Hoverflies Workshop. 1st August, 2009. Leader Stephen Hewitt. The Carlisle Naturalist. **17**, (2), Autumn, 31-32. [Locations Tullie House and Bowness-on-Solway Nature Reserve].
- 2009 Bowness Gravel Pits - Water Beetles. 11th July, 2009. Leader Steven Routledge. The Carlisle Naturalist. **17**, (2), Autumn, 29-31.
- 2009 Bugs (Hemiptera). Birds and Wildlife in Cumbria, 2008. p208. Cumbria Naturalists Union. [Denticulate Squash-bug (*Coriomorus denticulatus*).

- 2009 Flies (Diptera). Birds and Wildlife in Cumbria, 2008. pp208-210. Cumbria Naturalists Union.
[*Diognma glabrata*. *Dicranota guerini*. *Molophilus niger*. *Phylidorea bicolor*. *Rhabdomastix japonica*. Black-legged Water-snipefly (*Ibisia marginata*). *Stilpon sublunatus*. *Platypalpus melancholicus*. *Platypalpus subtilis*. *Tachydromia woodi*. *Hilara albiventris*. *Hilara biseta*. *Teucophorus monacanthus*. *Lonchoptera meijeri*. *Lonchoptera nigrociliata*. *Sphegina sibirica*. *Sphegina sibirica*.
- 2009 Lacewings (Neuroptera). Birds and Wildlife in Cumbria. 2008. p208. Cumbria Naturalists Union.
[*Sisyra fusca*].
- 2009 Loggerhead Turtle (*Caretta caretta* (L.)) stranding at Silloth. The Carlisle Naturalist. **17**, (1),
Spring, 9-10.
- 2009 Talkin Tarn-Moth Night. 21st August, 2009. Leader Mike Clementson. The Carlisle Naturalist.
17, (2), Autumn, 32.
- 2009 The Crane fly *Ctenophora flaveolata* (Fabricius) new to Cumbria. The Carlisle Naturalist. **17**, (2),
Autumn, 43-44.
- 2009 The Crane fly *Tipula gimmerthali* Lackschewitz new to the Lake District, with some additional
records for the North Pennines. The Carlisle Naturalist. **17**, (2), Autumn, 44-46.
- 2009 Wood - decaying Fungi workshop, 27th September, 2008. Leader : Paul Nichol. The Carlisle
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- 2010 Field Work Reports : *Tipula gimmerthali* Lackschewitz. in Cumbria. Crane fly Recording Scheme.
Newsletter. **20**, Spring, 2. [Reference to F.J.Roberts].
- 2010 Opportunistic predation of Schelly (*Coregonus lavaretus* (L.)) by Otters (*Lutra lutra* (L.)). Carlisle
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- 1972 Author : MacPherson, H.A. John Heysham. **In :-** A Vertebrate Fauna of Lakeland. Reprint. Pages
xviii - xxi. Minet. SBN 85609 008 5.
- 1974 A Catalogue of Cumberland Animals. [Quadrupeds (Mammals), Birds, Reptiles, Fish (Including
Whales, Dolphins and Whales) Crustaceans, Animals, Worms, Molluscs]. **In :-** Hutchinson,
William. The History of the County of Cumberland. Vol **1**. pp 1-38. First published 1794-1797.
Copy Seen 1974, Reprint, E.P.Publishing.
- 1976 Author : Clarke, David J. John Heysham, M.D. of Carlisle. C.N.T, Newsletter, **28**, 14-15.
- 2002 John Heysham **In :-** Ratcliffe, D.A. Lakeland - the wildlife of Cumbria. 42-43. Harper Collins.
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- 1831 A letter giving Cumberland locations for insects, (Carlisle). *Pogonocherus nebulosus*, Rose Castle;
Pogonocherus hispidus, Botchardby Mill; *Saperda oculata*, Baron Wood; *Pachyta octomaculata*.
Baron Wood. [A transcript of a letter written by T. C. Heysham and sent to J. F. Stephens, author
of Illustrations of British Entomology. The letter was subsequently given to Frederick Smith who
reproduces it on page 178 of the following article :- Entomologist. 1878. **11**, no 183, August, 178.
- 1842 *Rhinomacer attelaboides*. Entomologist. **1**, (1840-1842), November, 128.
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385-386. [Reference to T.C. Heysham].
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T.C.Heysham].
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T.C.Heysham].
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Carlisle Natural History Society. **1**, 1-12.
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- to T.C.Heysham].
- 1936 Author : Marriner, T. F. Some Cumberland Sawflies. Ent. Rec. **48**, (4), April, 41-44. [Reference to T.C.Heysham (*Cimbex fermorata* L. taken at Carlisle, 1835)].
- 1939 Author : Marriner, T.F. Coleoptera of Easton. Ent. Rec. **51**, (9), September, 121-127. [Reference to T.C.Heysham].
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- 1952 Author : Day, F. H. Coleoptera : the genus *Aphodius* Ill. in Cumberland. Ent. Rec. **64**, (4), April, 125-126]. [Reference to T.C.Heysham].
- 1972 Author : MacPherson, H.A. T.C.Heysham. **In :-** A Vertebrate Fauna of Lakeland. Pages xxiv-xxxi. Minet. SBN 85609 008 5.
- 1988 Author : Briggs, J. *Catocala nupta*., The Red Underwing, (Lep., Noctuidae) in Cumbria. Ent. Rec. **100**, (3-4), March-April, 54. [Reference to T.C.Heysham].
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- 2002 Thomas Coulthard Heysham. **In :-** Ratcliffe, D.A. Lakeland - the wildlife of Cumbria. Harper Collins. 000 711303 X.
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- 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.

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- 1992 The Water-cycle re-visited. Cumbria 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. 20th May, 1989. Grasmere. Cumbrian Wildlife. **25**, (n.s), September, 3.
- 2006 East and West join forces [with] Red Alert North England. [Red Squirrel]. Cumbrian Wildlife. **74**, January, 24.

HILL, Dennis.

- 1962 A study of the distribution and host preferences of three species of *Ornithomyia* (Diptera : Hippoboscidae) in the British Isles. Proc. R. ent. Soc. Lond. (A). **37**, (4-6), July, 37-48. [Cumberland included in County List].

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- 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.
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- 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. Zigzag 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. Bird's nest 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 Campion. 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 Campion. 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 Twyblade. 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 Campion. 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 Saxifraga. 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 : Cottoneasters. 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. Carlina 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 Twayblade. 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. Oblonged-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. Spignel 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. Charkles and Margaret Wbb. Terry Wells. Audrey Wilson.
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- 1888 A lepidopterists memoranda in 1888. Entomologist. **21**, (306,) December, 294-298.[Locations include : Windermere. Witherslack].
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- 1976 The Biological function of Gulls attraction towards predators. Animal Behaviour. **24**: 146-153.
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- 1973 *Spaelotis ravidia* D & Schiff in North Lancashire. Ent. Rec. **85**, (1), January, 31. [Location : Ulverston].
- 1974 Joint Author : Hancock, E.F. Lepidoptera of the Furness Area. Natural History in Cumbria. 1973. 37. Assn. Nat. Hist. Soc. in Cumbria. [Reports : **Butterflies** : Gatekeeper. Large Heath. Painted Lady. **Moths** : Common Ear. Juniper Carpet. Large Ear. Lesser Yellow Underwing. Northern Rustic. Small Seraphim. Vestal. White Colon.
- 1975 Author : Birkett, N. L. Some notes on *Thera juniperata* (L.), (Lep. Geometridae) in North West England. Ent. Rec. **87**, (1), January, 21-22. [Reference to D.W.Kydd].
- 1975 Joint Author : Hancock, E. F. Lepidoptera. In :- Allen, S. E. Natural History of the district around Grange-over-Sands, Natural History Society.
- 1976 Joint Author : Hancock, E.F. Grange Lepidoptera Report. 1975. Natural History in Cumbria. 1975-76. p76-77. Assn. of Cumbria Nat. Hist. Soc. [**Butterflies** : Common Blue. Dark Green Fritillary. Dingy Skipper. Holly Blue. Painted Lady. Red Admiral. **Moths** : Cistus Forester. Dark Tussock. Dotted Rustic. Dusky-lemon Sallow. Heart and Club. Humming-Bird Hawk Moth. Juniper Carpet. Least Minor. Least Yellow Underwing. Plain Wave. Satin Wave. Saxon. Shore Wainscot. Shoulder-striped Wainscot. Waved Carpet. White Satin. Yellow Barred Brindle. Also Tortricid Moth : *Cochylidia implicitana*.
- 1980 Joint Author : Hancock, E.F. *Zygaena ionicerae* (Scheven) (Lepidoptera : Zygaenidae) in Cumbria. Ent. Gaz. **31**, 92.
- 1980 Sub-Editor. Insect Report : 1979. Birds in Cumbria : 1979. 55-61. Assn. Nat. Hist. Soc. in Cumbria. [**Butterflies** : Brimstone. Dark Green Fritillary. Duke of Burgundy Fritillary. High Brown Fritillary. Holly Blue. Large Heath. Large Skipper. Marsh Fritillary. Meadow Brown. Mountain Ringlet. Orange Tip. Painted Lady. Peacock. Purple Hairstreak. Red Admiral. Small Pearl-bordered Fritillary. Small Blue. Small Copper. Small Skipper. Small Tortoiseshell. **Moths** : Bedstraw Hawk-moth. Blomer's Rivulet. Blood-vein. Cloaked Pug. Convolvulus Hawk-moth. Currant Clearwing. Diamond-back. Haworth's Pug. Heath Rivulet. Humming-bird Hawk-moth. Lunar Underwing - a date erratum regarding this record in Birds of Cumbria, 1978. Marsh Pug. Mullein. Nutmeg. Narrow-bordered Five-spot Burnet. Pearly Underwing. Pretty Pinion. Rush Veneer. Scarlet Tiger. Slender Brindle. Square-spotted Clay. Svensson's Copper Underwing. **Crickets** : Bog Bush Cricket. Great Green Cricket. **Dragonflies** : Common Aeshna. Golden-ringed Dragonfly. Large Red Damselfly. White-faced Dragonfly. **Also** : Giant Horse-fly (*Tabanus sudeticus*) and Glow-worm (*Lampyrus noctiluca* Linn)

- 1980 *Zygaena lonicerae* (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. Please note 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. *Ceutohynchus hirtiluca* 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*. *Uroceras 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*. *Libullela quadrimaculata*. *Pyrrhosoma nymphula*. *Sympetrum danea*. *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*. *Ishnura elegans*. *Lestes sponsa*. *Calopteryx virgo*. *Aeshna cyanea*. *Aeshna grandis*. *Aeshna juncea*. *Cirdulegaster boltonii*. *Libellula quadrimaculata*. **Other Insects** : **Wasps** - Norwegian Wasp (*Dolichlovespula 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. **Pyalid** : *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, also 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].
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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 : 7th 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*. *Olethrutes 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.

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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. Satin Lutestring. 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].
- 2003 Joint Author : Waring, Paul W. BENHS - Field Meeting : Lower Gelt Wood, Brampton. Cumbria. 5th, August, 2001. Br. J. Ent. Nat. Hist. **16**, (1), March, 65-66. [For details see Waring, P. (2003)].
- 2003 Sub-Editor. Moths Report : 2002. Birds and Wildlife in Cumbria : 2002. 114-118. Cumbria Naturalists Union. ["A Selection of species recorded in 2002, that are nationally rare, scarce, or which are of regional interest" . Records include :- Apple Fruit Moth. Barred Tooth-striped. Beautiful Brocade. Beautiful Snout. Beautiful Yellow Underwing. Blossom Underwing. Bordered Beauty. Brindle Green. Buff Footman. Carnation Tortrix. Cistus Forester. Clouded Magpie. Common Reed. Crinan Ear. Current-shoot Borer. Dogs Tooth. Double Lobed. Dusky-lemon Sallow. Dwarf Pug. Ear Moth. Flax Tortrix. Grass Emerald. Grass Wave. Grey Mountain Carpet. Haworths Pug. Haworths Minor. Heart and Club. July Belle. Juniper Pug. Juniper Webber. Large Ear. Light Grey Tortrix. Manchester Treble-bar. May Highflyer. Migrant. Netted Carpet. Oak Lutewing. Oblique Carpet. Old Lady. Pale Shining Brown. Peacock. Plum Fruit Moth. Pretty Chalk Carpet. Purple-bordered Gold. Red Carpet. Red-necked Footman. Round-winged Muslin. Ruddy Highflyer. Satyr Pug. September Thorn. Silvery Arches. Small Argent and Sable. Small Brindled Beauty. Smoky Wave. Spring Usher. The Annulet. The Saxon. The Seraphim. The Suspected. Valerian Pug. White-marked. White-speck.
Also : *Amblyptillia acanthadactyla*. *Ancylys badiana*. *Agonopterix ocellana*. *Carpatolechchia alburnella*. *Chilo phragmitella*. *Cochylis dubitana*. *Elachista canapennella*. *Epinotia immundana*. *E. ramella*. *E. signatana*. *Margaritia sticticalis*. *Olinidia schumacherana*. *Opsilobotys fuscalis*. *Pammene regiana*. *Platyptillia gonodactyla*. *Stigmella aurella*.
- 2004 Sub-Editor. Moths Report : 2003. Birds and Wildlife in Cumbria : 2003. 163-167. Cumbria Naturalists Union.
- 2005 Roudsea, the Golden Wood : 50 years as a National Nature Reserve. Cumbrian Nature. **18**, Summer, 2-3. [English Nature].
- 2005 Sub-Editor. Moths Report : 2004. Birds and Wildlife in Cumbria : 2004. 165-167. Cumbria Naturalists Union. [Some sightings may appear more than once in the text. Records include : Alder Moth. Barred Red. Barred Tooth-striped. Beautiful Snout. Beech-green Carpet. Bee Moth. Blossom Underwing. Blue-bordered Carpet. Bordered Beauty. Brindled Green. Brown-spot Pinion. Brussels Lace. Bulrush Wainscot. Cistus Forester. Clouded Buff. Crinan Ear. Double Lobed. Dwarf Pug. Ear. Eyed Hawk-moths. Figure of Eight. Firethorn Leaf-miner. Frosted Orange. Gallium Carpet. Garden Carpet. Garden Oblique. Garden Pebble. Ghost Moth. Grass Emerald. Grass Rivulet. Grass Wave. Green-brindled Crescent. Green Silver-lines. Heart and Club. Heath Bedstraw. July Belle. Juniper Pug. Large Ear. Least Black Arches. Light Knot Grass. Limestone Bedstraw. Magpie. Map-winged Swift. Marbled Beauty. Marbled Beauty. Merveill du Jour. Mouse Moth. Netted Carpet. Oak Hook-tip. Oak Lutestring. Oblique carpet. Ochreous Pug. Orange Swift. Pretty Pinion. Red-line Quaker. Red-necked Footman. Rustic Shoulder-knot. Saltern Ear. Satin Beauty. Scorched Carpet. Seraphim. Shark. Six-spot Burnet. Six-striped Rustic. Slender Brindle. Small Dotted Buff. Small Dusty Wave. Small Wainscot. Spring Usher. Tawny-barred Angle. The Annomalous. The Forester. The Gothic. The Miller. The Phoenix. The Suspected. Treble Lines. Twenty-plumed Moth. Vapourer. Yellow-barred Brindle. Yellow Shell.
Also *Eupoecilia angustana angustana f. fasciella*. *Eana penziana penziana f. bellana*. and *Agonopterix umbellana*].
- 2006 A Rosy glow for a golden year. Cumbrian Nature. **19**, March, 3. [Rosy Marsh Moth - *Coenophila subrosea*]. [Roudsea Wood and Mosses]. [English Nature].
- 2006 Author : Doyle, Steve. Moth Corner. [Rare Moth - The Rosy Marsh Moth - discovered in Cumbria by Rob Petley-Jones]. [Roudsea Wood N.N.R.]. Butterfly Conservation, North West (Cumbria) Branch. Newsletter. **12**, March, 8.
- 2006 Discovery of the Rosy Marsh Moss *Coenophila subrosa* in South Cumbria. Antropos. **28**, Spring, 9-11.
- 2006 Sub-Editor. Moths Report : 2005. Birds and Wildlife in Cumbria : 2005. 186-190. Cumbria Naturalists Union. [Some moth sightings may appear more than once.] Reports include :- Angle-striped Sallow. Archers Dart. Blair's Shoulder-knot. Blossom Underwing. Brindled Ochre. Brussels Lace. Buff Footman. Chamomile Shark. Coast Dart. Convolvulus Hawk-moth. Devon

- Carpet. Drinker. Galium Carpet. Golden-rod Brindle. Grass Rivulet. Haworth's Pug. Honeysuckle Moth. Humming-bit Hawk Moth. July Belle. Juniper Carpet. Marsh Oblique-barred. Narrow-bordered Bee Hawk Moth. Neglected Rustic. Netted Carpet. Northern Eggar. Old Lady. Phoenix. Purple Thorn. Red-necked Footman. Rosy Marsh Moth. Sallow Kitten. Sand Dart. Scarce Prominent. September Thorn. Shaded Pug. Small Dusty Wave. Small Rufous. Spring Usher. Suspected. The Vestal. Water Veneer. White Colon. White-lined Dart. White Marked. White Satin Moth. Also :- *Caloptilia* species : - *C. elongella*, *C. betulicola* and *C. stigmatella*. *Diurnia flagella*. *Acleris emargana*. *F. caudana*. *Acleris emargana*. *F. caudana*. *Epagoge grotiana*. *Eudonia pallida*. *Eudonia crataegella*. *Anania funebris*.
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British Pteridological Society, Field Meeting. Forked Spleenwort (*Asplenium septentrionale*). Wall Rue x Forked Spleenwort. (*A. rutamuraria* x *A. septentrionale*).
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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*.
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T. acutifidum, *T. cophocentrum*, *T. corynodes*, *T. densilobum*, *T. laeticolor*, *T. undulatum*). Dwarf Cornel. Fragrant Orchid. Galingale. Glory-of-the-Snow. Globeflower. Grass (*Festuca x fleischeri* (*F. arundinacea* x *F. gigantea*)). Hairy Finger-grass. Lady's-Mantle. Leopard Plant. Mugwort. Phacelia. Pondweed (*Potamogeton x gessnacensis* (*P. natans* x *P. polygonifolius*)). Purple Mullien. Quinoa Rough Bristle-grass. Sedge (*Carex x elytroides* (*C. acuta* x *C. nigra*)). Small White Orchid.

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].

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Noteworthy records of species and hybrids scarce in Cumbria :- Black Alpine-sedge. Lesser Bladderwort. Maidenhair Fern. Pillwort. Pyramidal Bugle.

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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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and Birkrigg Oaks, Cumberland. p87. **W 137** Birk Fell, Westmorland. p88. **W 138** Helbeck and

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Lancashire. p90. **W 146** Scales Wood, Cumberland. p91. **W 147** Lyne Woods, Cumberland. p91-92.

W 148 Gowbarrow Park, Cumberland. p92. **W 149** Naddle Low Forest, Westmorland. p92. **W 150** Low

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- 2000 Editor. A Natural History survey of the Burnside Parishes of Strickland Roger and Strickland Ketel. Burnside Parish Council. 2000.
 2008 The Trees of Burnside : a survey and field guide. [Includes Bryophytes, lichens and fungi]. Countryside Agency.

SHIPP, T.

- 1964 Report of a lecture and demonstration evening at Penrith. Given by T. Shipp on Fossils. Held at Queen Elizabeth Grammar School, Penrith. Cumberland Geological Society Proceedings, No **1**. 17-18. [Geology]

SHIRLEY, M. D. F.

- 2005 Joint Authors : J. Bruce, J., Hewitt, S.M. and Lurz, P.W.W. Mammals in Cumbria : examples of what publicly collected records can tell us about the distribution and ecology of our local species. The Carlisle Naturalist. **13**, (1), 18-32.

SHORROCK, Brian.

- 2006 A Trip to West Cumbria, 23rd June, 2006. Butterfly Conservation, Cumbria Branch. **13**, August, 12. [Butterflies] [Location : Beckermeth].

SHORTEN, Monica

- 1953 Notes on the distribution of the Grey Squirrel (*Sciurus carolinensis*) and Red Squirrel (*Sciurus vulgaris leucourus*) in England and Wales, 1945-1952. Jnl. Anim. Ecol. **22**, (1), May, 134-140. [Limited reference to Cumberland and Westmorland with information to E. Blezard as an Informant].

SHOWLER, A. J.

- 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

SHREEVE, Audrey.

- 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. Spignel 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*.
Nymphoides peltata. *Oenothera novae-scotica*. *Oxalis exilis*. *Peltiphyllum peltatus*. *Polystichum
setiferum x aculeatum*.
Arnside and surroundings (Arnside Natural History Society. Records supplied by :- 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 maritimum*. *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 Campion. 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 Asodel. 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. Squinycwort. 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. Tassel 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. Sawwort. 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 filix-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(*Bombyciferum verbasum*). Northern Marsh

Orchid. Orpine. Pale Toadflax. Purple Broomrape. Soapwort. Star of Bethlehem. Tassel Hyacinth. Teasel. Vipers Bugloss.

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 Bugloss. 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 Knewel. 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 Avens. 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. Twayblade.

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. Bird's-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 oxlip. Giant Bellflower. Golden Rod. Goldilocks. Grass of Parnassus. Green Spleenwort. Hoary Rockrose. Maiden Hair Fern. Meadow Saffron. Monkshood. Moschatel. Norwegian Cinquefoil. Oxlip. 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.

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 Tyebale. 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. Mezereon. 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 March 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. Pendulus 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. Carline 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 Twyblade. 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.

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.

SIMMONDS, S. P.

1964 *Chirosia crassisetata* 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. Biblphy. Nat. Hist. **5**, (2), 117-120.

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.

1980 Joint Author : Foster, G. N. Water beetles in the Kirk Beck, Bewcastle. The Balfour-Browne Club Newsletter. **17**, 5-7.

SINCLAIR, Magnus.

- 1991 Joint Author : Owen, J. A. Two modern records of *Carpelimus schneideri* (Ganglbauer) (Col., Staphylinidae). Ent. mon. Mag. **127**, May-August, 144. [Locations : Roudsea Wood and Estuary of R. Wampool]. Reference to earlier records by F.H.Day and J. Murray].
- 1998 Joint Author : Owen, J. A. *Schistoglossa aubei* (Brisout, 1860) (Staphylinidae) in Roxburghshire (V.C. 80), with notes on the species in Britain. Coleopterist. **7**, (3), December, 77-79. [Reference to H. Britten, Location Great Salkeld] [Day, F. H. Specimen Location : Newton Reigny Moss] [Ashe, G. H. Drigg, Cumberland].
- 1999 David Ellis : an obituary. The Carlisle Naturalist. **7**. (1), 11.
- 2000 Joint Authors : Hewitt, Stephen M., Atty, David B and Parker, John B. River shingle Invertebrates Survey, 1999. The Carlisle Naturalist. **8**, (1), 11-21.
- 2005 Joint Authors : Hewitt, S. M., Atty, D., Parker, M.J, Read, J. Survey of the insects of exposed riverine sediments on the rivers Eden and Derwent in Cumbria in 2004. Unpublished report to English Nature and the Environment Agency.

SINGLETON, Peter.

- 1996 Links with the Norsemen at Roudsea Wood and Mosses, National Nature Reserve. Cumbrian Nature. Winter/Spring, 3. [English Nature].
- 1999 National Nature Reserves - reserved for nature. Cumbria's newest reserve Sandscale. Cumbrian Nature. **7**, Summer, 2-3. [English Nature]. [Conservation].

SISE, Annie

- 1975 My love to the beaks and tails. Gollancz. 0575 019557.[An account of various adopted animals kept at home in the Lake District].

SKELCHER, Graeme.

- 1991 Ecological survey of Red and Grey Squirrels at the interface of their present ranges in North West England : Interim Report. Lancashire Trust for Nature Conservation.
- 1992 Squirrels in North-West England. Birds in Cumbria, 1991. 100-101. Cumbria Naturalists Union. [Grey Squirrel and Red Squirrel].
- 1993 A strategy for Red Squirrel conservation in the north west of England. North West Squirrel Initiative. Cumbria and Lancashire Wildlife Trusts.
- 1993 The Spread of Grey Squirrels into Red Squirrel populated woodlands in North West England. [Unpublished report - original submitted for of Master of Philosophy, Queen Mary and Westfield College, University of London, 1993.

SKELLY, T. W. K.

- 1946 Lakeland and the Ice Age. Transactions of the Carlisle Natural History. **7**, 29-48.[Geology].

SKELTON, Lynn.

- 1996 Sanctuary for the wildlife of Cumbria and beyond. [Featuring George Scott of Knoxwood Animal Sanctuary]. Cumbria. **46**, (6), September, 43-45.
- 1996 Searching for life in the churchyard. Cumbria. **46**, (4), July, 18-21.[Churchyard Ecology].

SKELTON, M. J.

- 1975 Joint Author : Harding, P. T. Additions to "the warmth-loving" fauna of the Scottish south coast. Ent. mon. mag. **111**, October-December, 234. [Record of *Armadillidium album* Dollfus taken at Ravenglass].

SKIDMORE, P.

- 1962 Notes on the Helomyzidae of Lancashire and Cheshire, including records from other parts of North West England. Entomologist. **95**, (1191), August, 193-198. [North Lancashire].
- 1962 Notes on the Helomyzidae of Lancashire and Cheshire, including records from other parts of North West England. Entomologist. **95**, (1192), September, 226-236. [Records for North Lancashire, Cumberland and Westmorland].
- 1962 Some recent additions to the Lancashire and Cheshire Diptera list. Ent. mon. Mag. **68**, September-December, 182-186. [Specimens include :- *Ctenophora pectinicornis*, *Beris morrisii* Dale, *D. oelandica* (L.), *Neoitamus cyanurus* (Lw.) [Location : Roudsea Wood]. *Limnophila fasciata*, [Location : North Tarn, Brathay Hall]. [Reference to N.L.Birkett. A.E.Wright].
- 1963 Some Muscid flies (Dipt) of Lancashire and Cheshire. Ent. mon. Mag. **99**, January-March, 9 - 19. [Locations include :- Foulney Isle.Grange-over-Sands. Humphrey Head. Rampside. Ulverston. Witherslack]. [References to A.E.Wright].
- 1966 Asilidae (Dipt) of Northern England. Ent. Rec. **78**, (10), October, 230-235. Part 2. **78**, (11), November, 257-266.[Limited reference to Westmorland and Cumberland].

SKINNER, B. F.

- 1958 Annual Exhibition, October 1957. Some Lepidoptera taken during the last two seasons. Proc. S. Lond. Ent. nat. hist. Soc. 1957, p39. [Exhibits include : Male and female *Eustroma reticulata* Schiff - from Windermere. Three *Phothedes captiuncula* Tutt from Arnside. *Plusia festucae* L from Meathop Moss. *Coenonympha tullia* Mull from Meathop. Three specimens of *Erebia aethiops* Esp from Arnside Knott].
- 1969 Joint Authors Chatelain, R.G. and O'Keeffe, D. Collecting notes for 1968. Ent. Rec. **81**, (4), April, 107-114. [Locations :- Buttermere. Eskdale, Meathop. Witherslack] [Visit by B.F.Skinner only].

SKINNER, Bernard.

- 1990 Protracted emergence of *Eupithecia posillata* D&S (Lep : Geometridae). (Juniper Pug]. Ent. Rec. **102**, (9-10), October-November, 213. [Location : Whitbarrow Scar].
- 1996 Joint Author : Parsons, Mark.. The immigration of Lepidoptera to the British Isles in 1992. Ent. Rec. **108**, (9-10), September-October, 233-256. [Records include : *Agrius convolvuli* - Cumbria. *Acherontia atropos* - Cumberland (Petril Bank). *H. Peltigera* - South Walney and St Bees. *Eubcemma ostrina* Hb - Elterwater].
- 1999 Joint Author : Parsons, Mark. The immigration of Lepidoptera to the British Isles in 1996. Ent. Rec. **111**, (4), July-August, 153-184. [Records include :- *Nymphalis antiopa* (Linnaeus) at Witherslack Woods. *Mythimna unipuncta* (Haworth). *Trichoplusia Ni* (Hubner). *Vanessa cardui* (Linnaeus). *Agrotis ipsilon* (Hufnagel)] [Location : South Walney].
- 2000 Joint Author : Collins, Graham A. The immigration of Lepidoptera to the British Isles in 1998. Ent. Rec. **112**, (6), November-December, 233-251. [Records include : *Colias croceus* (Geoff). Location : Hutton Roof. *Orthonama obstipata* (Fab.) Gem [1], *Agrius convolvuli*, *Spodoptera exigua* (Hb). [Location for all four records : South Walney].
- 2000 Joint Author : Parsons, Mark. The immigration of Lepidoptera to the British Isles in 1997. Ent. Rec. **112**, (2), March-April, 49-73. [Records include : *Hyles gallii* (Rott). *Vanessa atalanta* (Linnaeus), *Aglais urticae* (L). [Location : South Walney].
- 2002 Joint Author : Collins, Graham A. The immigration of Lepidoptera to the British Isles in 1999. Ent. Rec. **114**, (1), January-February, 1-18. [Records include *Rhodometra sacraria* (L.) Vestal. *Agrius convolvuli* (L.). [Location : South Walney].
- 2004 Joint Author : Collins, Graham A. The immigration of Lepidoptera to the British Isles in 2000. Ent. Rec. **116**, (1), January-February, in 2000.[Records include :- *Colias croceus* (Geoff) . Location given as Cumberland and Westmorland. *Rhodometra sacraria* (L), Vestal. [Location : New Hutton. Walney Island. Witherslack]. *Agrius convolvuli* (L.) [Location : Walney Island]. *Macroglossum stellatarum* (L). [Location : Walney Island. Witherslack]. *Mythimna unipuncta* [Location : Walney Island. Witherslack]. *Spodoptera exigud* (Hb), [Location : Walney Island]. *Helicoverpa armigera* (Hb), [Location : Witherslack]. *Heliothis peligera* (D&S). [Location : Walney Island]. *Trichoptusia ni* (Hb). [Location : Grange-over-Sands].
- 2005 Joint Author : Nash, Steven. The immigration of Lepidoptera to the British Isles in 2001. Ent. Rec. **117**, (1), January-February, 1-27. [Records include : *Rhodometra sacraria* (L.) Vestal. *Helicoverpa armigera* (Hb). [Location : Witherslack].

SKINNER, Gary.

- 1996 Author : Hewitt, Stephen M. Ants Workshop, 13th July. Leader : Gary Skinner. The Carlisle Naturalist. **4**, (2), 28.

SKIPSEY, Eric.

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