Scottish Birds

INDEX

TITLE PAGES AND
LIST OF ILLUSTRATIONS

Volume 9

SCOTTISH BIRDS — BINDING

Arrangements have been made for binding Volume 9 of Scottish Birds. The charge is £4.50 for binding in red buckram, or £5.50 for binding in red quarter leather, both prices including return postage. The parts to be bound (Nos. 1 to 8 and Index) should be sent direct to the together with your remittance to cover the cost binding. Back numbers may be purchased from the Scottish Centre for Ornithology and Bird Protection, 21 Regent Terrace, Edinburgh, EH7 5BT, but NOT from the binders. Previous volumes may also be sent for binding at the same time and at the same rates as Volume 9. Please be sure to complete the binding form on the back cover (with details of your name and address, remittance, and style of binding required) before sending the parts to:

P. G. CHAPMAN & CO LTD Kent House Lane BECKENHAM, KENT BR3 1LD

Volumes sent *immediately* will be returned within about three months, but this time cannot be guaranteed for volumes not sent promptly, as costs can only be kept down by binding a substantial number of volumes at the same time.

Note The nature and thickness of the quarterly sections tend to produce steps in the fore-edge of the bound volume, but the extra cost of producing the journal in smaller gatherings, mainly for the benefit of those who want to bind their copies, would not be justified.

Scottish Birds

The journal of the Scottish Ornithologists' Club



Edited by D. J. BATES

Volume 9

1976 - 1977



INDEX TO VOLUME 9

The index is in six parts as follows: Contents, Plates, Contributors, Subjects, English names of birds, Scientific names of birds.

Contents

Waterfowl at effluent discharges in Scottish coastal waters (B. Pounder) 5-36 (corrections, 89-90).

The seabirds of Shetland in 1974 (M. P. Harris) 37-68, plates 1-8.

Isle of May Bird Observatory and Field Station report for 1975 (J. M. S. Arnott) 93-102; for 1976, 290-297, plate 27.

The Manx Shearwaters of Rhum (P. Wormell) 103-118, plates 9-11.

First recorded erythristic eggs of Arctic Skua and Herring Gull in Britain (D. J. Bates, H. M. S. Blair, I. H. J. Lyster) 143-7 (correction, 284).

Recent distribution, ecology and breeding of Snow Buntings in Scotland (Desmond Nethersole-Thompson) 147-162, plates 13-16.

Scottish Bird Report 1975 (Roy H. Dennis) 173-235, plates 17-20.

Wildlife potential in the Cairngorms region (Adam Watson) 245-262, plates 21-24 (a).

Puffins on the Isle of May (M. P. Harris) 285-290, plate 25.

Rookeries in Scotland-1975 (M. E. Castle) 327-334, plate 32 (a).

Ross's Gulls in Britain (M. Densley) 334-342, plates 29-31.

Current ornithological research in Scotland (I. H. J. Lyster) 366-377.

Ornithology in the Highlands and Islands (W. R. P. Bourne) 378-380.

BRANCH AND GROUP NEWS. Aberdeen seabird conference, 362; Ayr, 133; Dumfries, 172; Dundee, 134: Edinburgh, 134; Glasgow, 172; Inverness, 134-5, New 403; 240-241: Galloway, SOC conference 282; St Andrews, 135; Scottish Ringers' Conference, 282-3; Stirling, 135, 241, 323, 363; Thurso, 135, 241.

CORRECTIONS, Waterfowl at effluent discharges in Scottish coastal waters, 89-90; The birds of the Isle of May, 137; Probable Scaup x Tufted Duck hybrids, 137; Additions to 1973 Scottish Bird Report, 235; First recorded erythristic eggs of Arctic Skua and Herring Gull in Britain, 284. CURRENT NOTES, 88, 91-92, 138-

CURRENT NOTES, 88, 91-92, 138-140, 241-4, 283-4, 323-4, 363-4, 403-4.

EDITORIAL, BTO Ornithological

Sites Register, 1; Scottish Birds, 1-2; Local recorders, 89; Scottish Bird Report, 89; Branch and Group News, 89; Index, 91; Ross's Gull, 325; An endemic Scottish bird?, 325; Scottish Bird Reports, 365-6; Richard Richardson, 366.

NOTICES, BTO Ornithological Sites Register work in Scotland, 2-4; Club policy on ornithological research, and fieldwork and discussion groups, 140-143; Isle of May Bird Observatory, 236; Artificial islands for Black-throated Divers, 271; Mrs Irene Waterston, 321; Fair Isle Bird Observatory Appeal, 366.

OBITUARY, Eddie Balfour, 69-71; Seton Paul Gordon, 307-9, plate 28; Duncan Robertson Anderson, 309; Elsie Macdonald, 310; William Miles Logan-Home, 350-351; Arthur Landsborough Thomson, 351-2; Kenneth Williamson, 352-

REQUESTS FOR INFORMATION, Gulls nesting on buildings, 87; Breeding of the Ring Ouzel, 87-88; Threipmuir Reservoir, 136; House Martin nests, 136; Birds of Crete, 136; Birds of St Kilda, 236; Birds of the Western Isles, 236; Exceptional seabird movements of autumn 1976, 236; Goosanders, 236; Shelducks, 272; Foot-paddling by gulls, 272; Dead predators, 321.

REVIEWS

Armstrong: Discovering Bird Song, 166-8. Banks: Greenland, 316-7. Barnes: The Titmice of the British Isles, 315. Booth: Birds in Islay, 127. Boyd, Harrison and Allison: Duck Wings: a study of duck production, 313-4. Brady: The Birds of Berwickupon-Tweed and District, 382. Campbell: The Dictionary of Birds in Colour, 312. Durman: Bird Observatories in Britain and Ireland, 355-6. Everett: Birds of Prey, 354. Ferguson-Lees, Hockcliffe and Zweeres: A Guide to Bird-Watching in Europe, 270-271. Fogden and Fogden: Animals and their Colours, 129. Forster: The Wandering Tattler, 387. Harrison, C.: A Field Guide to Nests, Eggs and Nestlings of British and European Birds, with North Africa and the Middle East, 128-9. Harrison, J.: The Sevenoaks Gravel Pit Reserve, 313-4. —, Humphreys and Graves: Breeding Birds of the Medway Estuary, 313-4. Hartshorne: Born to Sing, 166-8. Ingram: The Migration of the Swallow, 130-131. Inskipp: All Heaven in a Rage: a Study of the Importation of Wild Birds into the United Kingdom, 169-170. Joensen: Waterfowl Populations in Denmark 1965-1973, 71.

Knowlton: The Naturalist in

Scotland, 126.

Five centuries of bird illustration. MacCaskill: Wild Endeavour, 131. Nature Conservancy Council, Caerlaverock Panel and The Wildfowl Trust: Caerlaverock: Conservation and Wildfowling in Action, 313-4. -, Institute of Terrestrial Ecology and The Wildfowl Trust: Loch Leven National Nature Reserve: a study of waterfowl biology, 313-4. Nethersole-Thompson: Pine Crossbills, 168-9.
Ogilvie: Ducks of Britain and Europe, 129-130. Ruxton: Wildfowl of Morecambe Bay, 313-4. Scott and Forrest: The Birdwatcher's Key: a guide to identification in the field, 354-5. Seebohm: Birds of Siberia: A Record of a Naturalist's visits to the valleys of the Petchora and the Yenesei, 317. Sharrock, J. T. R.: The Atlas of Breeding Birds in Britain and Ireland, 310-311. -: The Birdwatchers' Quiz and Puzzle Book, 131-2. - and Sharrock, E. M.: Rare Birds in Britain and Ireland, 318, Simms: Birds of Town and Suburb, 315-6. Waterston (ed.): Fair Isle Bird Observatory: Report for 1975, 317; for 1976, 387. Watkinson: A Guide to Birdwatching in Mallorca, 356. Zink: Der Zug Europaischer Singvogel, vol. 2, 312-3. Current literature, 2, 90-91, 137-8,

Lack: Evolution Illustrated by Waterfowl, 269-270. Lysaght: The Book of Birds:

Vol. 9

SCOTTISH ORNITHOLOGISTS' CLUB, 73-87, 132, 170-171, 236-240, 272-282, 321-3, 359-362, 391-402; policy on research, and fieldwork and discussion groups, 140-143; Mrs Irene Waterston, 326.

235, 271, 318-9, 356-7, 387-8.

names of birds.

SHORT NOTES, see under Contri-

butors, Subjects, and English

Plates

Plates		Page:
1-8	The seabirds of Shetland in 1974: Noss, Compass Head. Eshaness, Foula, Braewick, Sumburgh Head (M. P. Harris)	41-48
9-11	Manx Shearwaters of Rhum: Askivall (P. Wormell); adult Manx Shearwater (W. J. Eggeling); young Manx Shear-	111-113
12	Probable hybrid Scaup x Tufted Duck (Gordon Booth)	114
13-16	Breeding Snow Buntings (A. Tewnion)	153-6
17-20	Scottish Bird Report 1975: Terek Sandpiper, Ross's Gull, Dusky Thrush (D. Coutts); Arctic Warbler (B. Zonfrillo); Tennessee Warbler, Siberian Rubythroat, Lanceolated Warbler (R. A. Broad); Rustic Bunting (N. K. Atkinson)	207-210
21-24 ((a) Wildlife potential in the Cairngorms region: Crested Tit (R. Lambie); Ptarmigan (R. H. Hogg); bulldozed track by Lock Muick, dying stag in dying habitat, scrub in Norway, woodland and scrub in Alaska, regenerating forest near Ballater (Adam Watson)	263-6
24 (b)	Long-established Treecreeper nest site (William Skinner)	266
24 (c)	Migrant Wryneck (A. D. K. Ramsay)	266
25	Isle of May Puffins: Burrian, Colm's Hole (M. P. Harris); Puffin (K. Taylor)	303
26 (a)		304
26 (b)	Arctic Tern (R. T. Smith)	304
27	Reed Warbler, Great Grey Shrike on Isle of May (A. Brown)	305
28	Seton Gordon (Adam Watson)	306
29-31	Ross's Gulls: Shetland (D. Coutts); Siberia (Anon.)	343-5
32 (a)	Rook (R. T. Smith)	346
32 (b)	Red Grouse nest of straw (A. Watson)	346
32 (c)	Sir A. Landsborough Thomson (Anon.)	346
33-36	Kingfisher, Heron, Buzzard, Blackcock, Redpolls, Sedge Warbler (Brian S. Turner)	383-6

Contributors

- ANDERSON, Alasdair, obituary of Duncan Robertson Anderson. 309.
- ANDREW, Dougal G., letter on Flanders Moss Lesser backed Gullery, 72-73. Black-

ANONYMOUS, photographs Ross's Gull (courtesy A. J. Prat-

er) plates 29 (c)-31.
-, photograph of Sir A. Lands-borough Thomson (courtesy Sir C. G. Connell) plate 32 (c). ARNOTT, J. M. S., Isle of May Bird

- Observatory and Field Station report for 1975, 93-102; for 1976, 290-297.
- ATKINSON, N. K., photographs of Rustic Bunting, plate 20 (b), (c). AUSTIN, William, Dumfries branch
- news, 172. BATES, D. J., SOC annual conference at Stirling, 282; Scottish ringers' conference at Carrbridge, 282-3; Aberdeen seabird conference, 362.
- , BLAIR, H. M. S., and LYSTER, I. H. J., First recorded erythristic eggs of Arctic Skua and Herring Gull in Britain, 143-7.

, and BROWN, Alan, note on behaviour of Wryneck and Great

Grey Shrike, 348-9.

Blair, H. M. S., see Bates, D. J., Blair, H. M. S., and Lyster, I. H.

- BOOTH, C. J., note on Great Skuas probably killing Mountain Hare and Rabbits, 125.
- BOOTH, Gordon, OOTH, Gordon, photographs of probable hybrid Scaup x Tufted
- Duck, plate 12. BOURNE, W. R. P., Ornithology in the Highlands and Islands, 378-380.
- BRACKENRIDGE, W. R., drawings of Stonechat, 222; Great Crested Grebe, 375.
- BROAD, R. A., note on White-wing-ed Black Tern at Fair Isle, 163-4; photographs of Tennessee Warbler, plate 19 (a); Siberian Rubythroat, plate 19 (b); Lanceolated Warbler, plate 20 (a); note on probable Swallow x House Martin hybrid, 301-2.

BROCKIE, Keith, drawings Scaup, 32; Kittiwake, 68; Arctic Terns, 212; Wryneck feather, 216; Dipper, 219; Oystercatcher wing, 284.

ROWN, Alan, photographs of Reed Warbler, plate 27 (a); Great BROWN. Grey Shrike, plate 27 (b); review of 'A Guide to Bird-watching in Mallorca', 356; see also Bates, D.

J., and Brown, Alan. BRYANT, D. M., review of 'The Migration of the Swallow', 130-131; Stirling branch news, 241.

and WAUGH, D. R., note on Shelducks on flightless Forth, 124-5.

BULLOCK, David, note on probable Scaup x Tufted Duck hybrid, 118-119.

BUSBY, John, drawings of Honey Buzzard, 193; Lesser Red 232; Ruff and Redshank, 373. Redpoll.

CASTLE, M. E., Rookeries in Scotland: 1975, 327-334.

Collett, P. M., see Laybourne, S., Manson, S. A. M., and Collett, P. M.

- CONNELL, Charles G., obituary of Arthur Landsborough Thomson, 351-2.
- COUTTS, D., photographs of Terek Sandpiper, plate 17 (a); Ross's Gull, plate 17 (b); Dusky Thrush, plate 18 (a); Ross's Gull, plate 29 (a), (b).

DA PRATO, E. S., note on Sparrowhawk taking Sedge Warbler from a ringer's hand, 381.

DA PRATO, S. R. D., review of 'Fair Isle Bird Observatory: Report for 1976, 387.

DEADMAN, Andrew, review of 'Titmice of the British Isles', 315.

DENNIS, Roy H., Scottish Bird Report 1975, 174-235.
DENSLEY, M., review of 'Birds of

- Siberia', 317; Ross's Gulls in Britain, 334-342.
- DOUGLAS-HOME, Henry, obituary of William Miles Logan-Home, 350-351; review of 'The Birds of Berwick-upon-Tweed and trict', 382.

DRAPER, Muriel, Glasgow branch news, 172.

Duncan, James, see Phillips, John, and Duncan, James.

EADES, R. A., reviews of 'All

Heaven in a Rage', 169-170; 'Der Zug Europaischer Singvogel, 312-313.

EGGELING, W. J., photograph of Manx Shearwater, plate 10 (a); 'Birds in Islay', 127.

note on probable ELKINS. N., Siberian Chiffchaffs wintering in Morayshire, 164-6.

FISHER, Crispin, drawings of Teal, 183; Grey Wagtail, 229; Greenfinch, 231.

FULLER, Rob, BTO Ornithological Sites Register work in Scotland,

FURNESS, R. W., letter on Great Skuas as predators of mammals, 319-321.

GEORGE, D. E. P., note on male Ring Ouzel associating with a pair of Blackbirds, 349-350.

GREENWOOD, Jeremy J. D., reviews of 'Waterfowl Populations Denmark 1965-1973', 'Ducks of Britain and Europe', 129-130; 'Evolution Illustrated by Waterfowl', 269-270; 'Greenland', 316-317.

HALLIDAY, Helen S. C., New Gal-

loway group news, 403.

HALLIDAY, K. C. R., note on Great Black-backed Gull killing Wigeon, 348.

HARDEY, J., note on display of Golden Eagle carrying stick, 300.

HARPER, W. G. and Mrs H. L., note on Ringed Plover swimming, 125

HARRIS, M. P., The seabirds of Shetland in 1974, 37-68, plates 1-8, Puffins on the Isle of May, 285-290, plate 25 (a), (c).

HOGG, R. H., drawings of Gyr Falcon, 194; Buff-breasted Sandpiper, 204; photograph of Ptarmigan, plate 21 (b).

KINNEAR, P. K., note on predation of seabirds by Grey Seals, 342-7; letter on Great Skuas killing mammals, 358-9.

LAMBIE, R., photograph of Crested Tit, plate 21 (a).

LANGSLOW, Derek R., reviews of 'The Naturalist in Scotland', 126-7; 'The Birdwatchers' Quiz and Puzzle Book', 131-2; note on weight increases and behaviour of Wrynecks on the Isle of May, 262-7.

LANGSLOW, H., Edinburgh branch news, 134.

LAYBOURNE, S. news, 135, 241. S., Thurso group

-, MANSON, S. A. M., and COL-LETT, P. M., note on Arcti-Terns breeding inland in Caith-ness, 301.

LEA, David, obituary of Eddie Balfour, 69-71.

Leitch, Alan F., see Swann, Robert L., and Leitch, Alan F.

LYSTER, I. H. J., reviews of 'The Dictionary of Birds in Colour, 312; 'The Birdwatcher's Key'. 354-5; Current ornithological research in Scotland, 366-377; see also Bates, D. J., Blair, H. M. S., and Lyster, I. H. J.

MACDONALD, D., further notes on long-established Treecreeper nest site, 267-8.

MACMILLAN, Andrew T., notice on club policy on ornithological research, and fieldwork and discussion groups, 140-143; review of 'Rare Birds in Britain and Ireland', 318; notice on Mrs Irene Waterston's retirement, 326-7; letter on status of Snow Geese in Scotland, 357-8; Notice on Fair Isle Bird Observatory Appeal, 366.

McMILLAN, R. L., review of Wild Endeavour', 131.

Manson, S. A. M., see Laybourne, S., Manson, S. A. M., and Collet, P. M.

MERRIE, D., Stirling branch news,

MILLER, J., Ayr branch news, 133. MITCHELL, Sandy, Stirling branch news, 323, 363. Moran, Frank T., see Tyrer,

Jane, and Moran, Frank T.

MORRISON, C. M., notes on Dipper removing lining from used nest, killing Carrion 268-9; Rooks Crow, 302.

MUNRO, Iain C., note on gymnastic Rook, 382.

MUNRO, J. H. B., obituary of Kenneth Williamson, 352-3.

MURRAY, R. D., review of 'The Atlas of Breeding Birds in Britain and Ireland', 310-311.

NETHERSOLE-THOMPSON, Desmond, review of 'A Field Guide to the Nests, Eggs and Nestlings of British and European Birds, with North Africa and the Middle East, 128-9; Recent distribution, ecology and breeding of Snow

Buntings in Scotland, 147-162. NEWTON, I., review of 'Animals and their Colours, 129.

PALMER, C. E., obituary of Elsie Macdonald, 310.

PENNIE, Ian D., reviews of 'Pine Crossbills', 168-9; 'The Wandering Tattler', 387.

PHILLIPS, John, and DUNCAN James, note on Red-breasted Merganser killing Oystercatcher, 299-300.

PICOZZI, N., review of 'Birds of Prey', 354.

POUNDER, B., Waterfowl at effluent discharges in Scottish coastal waters, 5-36; Dundee branch news, 134.

PREST, W. G., Inverness branch news, 134-5, 240-241. RAINES, R. J., review of 'A Guide

to Bird-Watching in Europe', 270-271.

RAMSAY, Andrew D. K., note on Rock Pipits rearing young Robin, 126; photograph of Wryneck, plate 24 (c).

RICHARDSON, R. A., drawings of Wheatear, 291; Red-throated Div-

er, 368; Raven, 372. SEATH, Ritchie, review of 'The Book of Birds', 314-315.

SKINNER, William, photograph of Treecreeper nest, plate 24 (b).

SMITH, R. T., photographs of Arctic Tern, plate 26 (b); Rook, plate 32 (a).

SMITH, R. W. J., photograph of albino Puffin, plate 26 (a).

SPIRES, M., St Andrews branch news, 135.

STEAD, D., review of 'Birds of Town and Suburb', 315-316.

STEWART, A. G., reviews of 'Breeding Birds of the Medway estuary', Wildfowl of Morecambe Bay', 'Caerlaverock', 'Loch Leven National Nature Reserve', 'The Sevenoaks Gravel Pit Reserve' and 'Duck Wings', 313-314; 'Bird Observatories in Britain and Ireland', 355.

STIRLING-AIRD, Patrick, note on Peregrine apparently hunting on ground, 347.

SWANN, Robert L., and LEITCH, Alan F., note on Buzzard taking Manx Shearwater at night, 69.

TAYLOR, I. R., note on overland passage of Gannets from the Forth, 298-9.

TAYLOR, K., photograph of Puffin, plate 25 (b).

TEWNION, EWNION, A., photographs Snow Buntings, plates 13-16.

TURNER, Brian S., photographs of Kingfisher, plate 33; Heron, plate 34; Buzzard, plate 35 (a); Black-cock, plate 35 (b); Redpoll, plate 36 (a); Sedge Warbler, plate 36 (b).

TYRER, M. Jane, and MORAN, Frank T., note on Waxwings drinking birch sap, 350.

URQUHART, L. A., note on Pied-billed Grebe in Kirkcudbrightshire, 297-8.

VERRALL, Keith, notes on Little Shearwater in Argyllshire, 380-381; Laughing Gull in Argyll-

shire, 381-2.
VICK, L. L. J., note on Baird's Sandpiper in Midlothian, 162-3; review of 'Fair Isle Bird Observatory Report for 1975', 317.

WARNER, Robert W., review 'Discovering Bird Song' and 'Born

to Sing', 166-8. WATERSTON, Irene, letter on retirement, 402.

WATSON, Adam, Wildlife potential in the Cairngorms region, 245-262, plates 22-24 (a), letter, 390-391; obituary of Seton Paul Gordon, 307-309, plate 28; note on exceptional Red Grouse nest made of straw, 347-8, plate 32 (b).

WATSON, Donald, drawings of Oystercatcher, 196; Turnstone, 198; Black Guillemot, 214; Hen

Harrier, 370.
WAUGH, D. R., note on probable
Scaup x Tufted Duck hybrids,
119-122; see also Bryant, D. M.,
and Waugh, D. R.

WHEATER, R. J., letter on wildlife potential in the Cairngorms region, 388-390.

WILLIS, Douglas P., note on Fulmars entangled in barbed wire and gorse, 118.

WORMELL, J., photograph of Manx Shearwater, plate 10 (b). WORMELL, P., The Manx Shearwaters of Rhum, 103-118, plates 9, 11.
ZONFRILLO, B., photograph of

Arctic Warbler, plate 18 (b); drawings of Pallas's Warbler, 292; Guillemot, 294.

Subjects

ABNORMALITIES

Albinism: Herring Gull, 206; Puffin, plate 26 (a); Starling, 231. Eggs: erythristic Arctic Skua and Herring Gull, 143-7, correction, 284.

Feathers: Reed Warbler growth bar, plate 27 (a). BEHAVIOUR, Red-breasted Mer-

BEHAVIOUR, Red-breasted Merganser killing Oystercatcher, 299-300. Golden Eagle display, 300. Buzzard taking Manx Shearwater at night, 69. Sparrowhawk taking Sedge Warbler from ringer's hand, 381. Peregrine apparently hunting Common Sandpiper on ground, 347. Ringed Plover swimming, 125. Ross's Gull, 340-341. Wryneck, migrants, 262-7; and Great Grey Shrike, 348-9. Rooks killing Carrion Crow, 302; gymnastics, 382. Ring Ouzel associating with pair of Blackbirds, 349-350. Great Grey Shrike and Wryneck, 348-9.

BREEDING BIOLOGY, Manx Shearwater, 103-7; Red Grouse nest of straw, 347-8; Ross's Gull, plates 29 (c)-31; Treecreeper, 267-8; Dipper, 268; Rock Pipits rearing young Robin, 126; Snow Bunting, 158-161.

FOOD, waterfowl at effluent discharges, 5-36; Golden Eagle, 107; Buzzard, 69; Sparrowhawk, 38; Peregrine (intention) 347; Capercaillie, 256; Great Skua, 125, 319-321, 358-9; Great Black-backed Gull, 348; Lesser Black-backed

Gull, 252; Common Gull, 252; Black-headed Gull, 252; Raven, 107; Crow, 107, 252; Hooded Crow, 107; Rook, 252; Waxwing, 350; Great Grey Shrike (intention) 348-9; Snow Bunting, 159-160, 252.

HYBRIDS, probable Scaup x Tufted Ducks, 118-124, correction, 137; Red-legged Partridges x Chukar and Rock Partridge, 195; Glaucous x Herring Gull, 206; possible Collared x Turtle Dove, 215; probable Swallow x House Martin, 301-2; Tree Sparrow mating with

House Sparrow, 235.

MAN AND BIRDS, waterfowl at affluent discharges 5-36: sea-

effluent discharges, 5-36; seabirds, 37; wildlife threats in Cairngorms, 250-255, 388-391; Goosander persecution, 253; Golden Eagle persecution, 192, 252-3; Buzzard, Hen Harrier persecution, 253; Red Kite persecution, 192; Osprey persecution, 193; Peregrine persecution, 194, 252-3; Snowy Owl persecution, 253; Lesser Black-backed and Herring Gull control, 102, 294-6; Crowpersecution, 253.

MIGRATION, Isle of May, 93-101,

MIGRATION, Isle of May, 93-101, 290-296; overland passage of Gannets from Forth, 298-9; Ross's Gull post-breeding dispersal, 335-9; Wryneck weight increases and behaviour on Isle of May, 262-7; see also Scottish Bird Report, 173-235.

MOULT, flightless Shelducks, 124-5.

English names of birds

English names of species follow A Species List of British and Irish Birds (BTO Guide 13, 1971); those of subspecies follow The Handbook of British Birds (Witherby et al, 1938-41).

Every significant mention of species and subspecies in papers, short notes, letters and plate captions is listed. Scottish Bird Report entries follow the initials SBR. References to any subspecies without distinctive English names are also given in the index of Scientific names of birds. Current Notes, passing references and non-avian species are ignored.

ALBATROSS, BLACK - BROWED, SBR, 181. AUK, LITTLE, SBR, 213. AVOCET, SBR, 205. BITTERN, SBR, 182. BLACKBIRD, Isle of May, 94, 98-101, 292-6; pair associating with Ring Ouzel, 349-350; SBR, 221. BLACKCAP, Isle of May, 94-100, 290-295; Cairngorms, 249; SBR,

BLUETAIL, RED-FLANKED, Isle of May, 93, 98-100; SBR, 223.

BLUETHROAT, Isle of May, 95, 98-99, 293; Cairngorms, 249; SBR, 224.

—, RED-SPOTTED, SBR, 224. WHITE-SPOTTED, SBR, 224. BÓBOLINK, SBR, 231. Bonxie, see Skua, Great.

BRAMBLING, Isle of May, 94-100, 292; Cairngorms, 249; SBR, 233. BULLFINCH, SBR, 233. —, NORTHERN, SBR, 233.

BUNTING, BLACK-HEADED, SBR.

 CIRL, Isle of May, 290, 294-6. CORN, Isle of May, 96, 100; SBR, 234.

, ICELAND SNOW, nesting in Scotland, 148.

LAPLAND, Isle of May, 98;

SBR, 234.

—, LAZULI, SBR, 235.

—, LITTLE, SBR, 234.

-, ORTOLAN, Isle of May, 95-97; SBR, 234.

-, RED-HEADED, Isle of May, 290. 294; SBR, 234.

REED, Isle of May, 95, 100, 292-4; SBR, 234.

RUSTIC, Isle of May, 98, 100;

SBR, 234, plate 20 (b, c). -, SNOW, Isle of May, 97, 99; recent distribution, ecology and breeding, 147-162, plates 13-16; Cairngorms, 248-252, food, 252;

current research, 372; SBR, 234. BUNTING. YELLOW-BREASTED, Isle of May, 290-295; SBR, 234. BUZZARD, taking Manx Shear-

water at night, 69; persecution in Cairngorms, 253; current research, 369; plate 35 (a); SBR, 192.

–, HONEY, SBR, 192.

-, ROUGH-LEGGED, SBR, 192. CAPERCAILLIE, Cairngorms, 249, 256, food, 256; current research, 370; SBR, 195.

CHAFFINCH, Isle of May, 94, 100, 290-295; current research, 372; SBR, 233.

CHIFFCHAFF, Isle of May, 93-99, 293, 295; probable Siberians wintering in Morayshire, 164-6; Cairngorms, 249; SBR, 226.

-, SIBERIAN, probably wintering Morayshire, 164-6; SBR, 226.

CHOUGH, current research, 371; SBR, 218.

CHUKAR, hybrids x Red-legged Partridge, 195. COOT, SBR, 196.

CORMORANT, at effluent discharges, 10; Shetland, 39-40, 52, 62, plate 7; SBR, 182. CORNCRAKE, SBR, 195.

CRAKE, SPOTTED, Cairngorms, 250; SBR, 195, 235.

CRANE, SBR, 195. Creeper, Tree, see Treecreeper. CROSSBILL, Cairngorms, 249; cur-

rent research, 372; SBR, 233.

—, COMMON, SBR, 233.

—, PARROT, SBR, 233.

—, SCOTTISH, Cairngorms, 249; current research, 372; SBR, 233.

CROW (Carrion/Hooded), feeding in Manx Shearwater colony, 107; Cairngorms, 252-3, food, 252, persecution, 253; killed by Rooks, 302; current research, 372; SBR, 218.

- CROW, CARRION, killed by Rooks, 302; current research, 372; SBR, 218
- HOODED, feeding in Manx Shearwater colony, 107; SBR,
- CUCKOO, Isle of May, 95-96; SBR, 215.
- CURLEW, at effluent discharges, 7; Isle of May, 97; current research, 371; SBR, 199.

Dabchick, see Grebe, Little.

- DIPPER, removing lining from used nest, 268; current research, 374; SBR, 219. DIVER, GREAT NORTHERN, Isle
- of May, 99, 293; SBR, 179. , BLACK-THROATED, c
- research, 368; SBR, 179.
 -, RED-THROATED, Cairngorms, 249; Isle of May, 293; current research, 368, 374; SBR, 179.
- DOTTEREL, Cairngorms, 248, 251-2; SBR, 198.
- DOVE, COLLARED, possible hybrid x Turtle Dove, 215; current re-search, 371; SBR, 214.
- ROCK, current research, 373; SBR, 214.
- STOCK, SBR, 214.
 TURTLE, possible hybrid x Collared Dove, 215; SBR, 214.
- DOWITCHER, LONG-BILLED, SBR, 198.
- DUCK, LONG-TAILED, at effluent discharges, 8, 14-26, 29-31; Isle of May, 97; current research, 369; SBR, 186.

-, MANDARIN, SBR, 185.

- , TUFTED, at effluent discharges, 8, 15-28; probable hybrids x Scaup, 118-124, plate 12, correction, 137; Isle of May, 293; SBR. 185.
- DUNLIN, Isle of May, 96-97; Cairngorms, 249; current research, 370; SBR, 203.
- DUNNOCK, Isle of May, 93, 99, 290, 292, 295; SBR, 228.
- GOLDEN, EAGLE. feeding on Manx Shearwaters, 107; persecu-Cairngorms, 246, 192: threats, 252-3; display, 300; current research, 369-370, 374; SBR, 192
- , WHITE-TAILED (= Sea), current research, 369; SBR, 192.
- EGRET, LITTLE, SBR, 182.

- EIDER, at effluent discharges, 6-10, 14-31; Isle of May, 294; current research, 368-370, 374; SBR, 187. —, KING, SBR, 188. —, STELLER'S, SBR, 187. FALCON, GYR, SBR, 194.

- —, Peregrine, see Peregrine.
 —, RED-FOOTED, SBR, 194.
 FIELDFARE, Isle of May, 94-100, 292-3; Cairngorms, 249; SBR, 220.
 FIRECREST, Isle of May, 94, 96, 99; SBR, 227.
- FLAMINGO, CHILEAN, SBR, 183. FLYCATCHER, COLLARED, SBR, 228
- , PIED, Isle of May, 95-101, 291, 293; Cairngorms, 249; SBR, 227.
- RED-BREASTED, Isle of May, 98. 101, 292-6; SBR, 228.
- SPOTTED, Isle of May, 95-100, 293; SBR, 227.
- FULMAR, Shetland, 37-62, 65; Isle of May, 100; entangled in barbed wire and Gorse, 118; Isle of May, 294; current research, 367-8, 374; SBR, 181. GADWALL, Isle of May, 93-94, 99;
- SBR, 184.
- GANNET, Shetland, 38, 40, 54-61, plate 1; overland passage from Forth, 298-9; current research,
- 368; SBR, 182.
 GARGANEY, SBR, 184.
 GODWIT, BAR-TAILED, SBR, 200.
 BLACK-TAILED, SBR, 200.
- GOLDCREST, Isle of May, 94-101, 290, 296; SBR, 227.
- GOLDENEYE, at effluent discharges, 6, 8, 14-31; Cairngorms, 249; Isle of May, 293; SBR, 186.
- GOLDFINCH, Isle of May, 94; SBR, 231.
- GOOSANDER, at effluent discharges, 19-26; persecution in Cairngorms, 253; SBR, 188.
- GOOSE, BAR-HEADED, SBR, 190. BARNACLE, at effluent discharges, 25; current research,
- 369; SBR, 190. -, BEAN, SBR, 189.
- BRENT, Isle of May, 293; SBR, 190.
- CANADA, hybrids x Greylag, 191; Isle of May, 293; SBR, 191. DARK-BELLIED BRENT, SBR. 190.
- EUROPEAN WHITE-FRONTED, SBR, 189.
- —, GREATER SNOW, SBR, 190.

- GOOSE **GREENLAND** WHITE-FRONTED, current research, 369; SBR. 189
- -, GREYLAG, at effluent discharges, 25; hybrids x Canada, 191; Isle of May, 293; current research, 369; SBR, 189.

-, LESSER SNOW, SBR, 190. -, PALE-BELLIED BRENT, SBR,

190. PINK-FOOTED, current re-

search, 369; SBR, 190. —, SNOW, SBR, 190.

 —. WHITE-FRONTED, current research, 369; SBR, 189.

GOSHAWK, Cairngorms, 250; SBR, 192.

GREBE. BLACK-NECKED. SBR. 180.

GREAT CRESTED, at effluent discharges, 14-26; SBR, 179. –, LITTLE, SBR, 180.

PIED-BILLED, Kirkcudbrightshire, 297-8; SBR, 181.
RED-NECKED, SBR, 180.
SLAVONIAN, Cairngorms, 249; current research, 368; SBR, 180. GREENFINCH, Isle of May, 93, 95,

GREENSHANK, Caimgorms, 249: current research, 371; SBR, 202.

Grosbeak, Scarlet, see Rosefinch, Scarlet.

GROUSE, BLACK, plate 35 (b); SBR 195.

-, RED, Cairngorms, 251; straw nest, 347-8, plate 32 (b); current research, 370; SBR, 195.

GUILLEMOT, Shetland, 39-61, 64-67, plates 1-6, 8; Isle of May, 100, 294; eaten by Grev Seal, 342-7: current research, 367, 371; SBR, 213.

BLACK, Shetland, 39-40, 52-57, 60-61, 65; current research, 367; SBR, 214.

FULL, BLACK-HEADED, nesting Flanders Moss, 72-73; food in Cairngorms, 252; SBR, 211.

-, BONAPARTE'S, SBR, 211.

-, COMMON, Isle of May, 93; Cairngorms, 249, food, 252; cur-GULL,

rent research, 371; SBR, 206.

GLAUCOUS, Isle of May, 98-99, 293; hybridizing with Herring Gull, 206; SBR, 206. GREAT BLACK-BACKED, Shet-

land, 39, 52-57, 60-65; Isle of May, 97, 295; killing Wigeon,

348; SBR, 206. GULL, HERRING, Shetland, 39, 52-57. 60-65; Isle of May, 100-102, 290; control, 102, 294-6; botulism, 206; hybridizing with Glaucous, 206; current research, 371; SBR, 206

ICELAND, Isle of May, 96, 99;

SBR, 211. LAUGHING, Argyllshire, 381-2;

SBR. 211. LESSER BLACK-BACKED,

Shetland, 39, 52-57, 61-65; nesting Flanders Moss, 72-73; Isle of May, 101-2, control, 102, 294-6; food in Cairngorms, 252; current research, 371; SBR, 206.

-, LITTLE, Isle of May, 97, 99, 290, 293; SBR, 211.

-, MEDITERRANEAN, SBR, 211. -, ROSS'S, status in Britain etc,

, 334-342, plates 29-31; SBR, 211, plate 17 (b).

-, SABINE'S, SBR, 211.

-, SCANDINAVIAN LESSER

BLACK-BACKED, SBR, 206.

HARRIER, HEN, Cairngorms, 249, persecution, 253; Isle of May, 292-3; current research, 369-370; SBR, 193.

MÁRSH, Cairngorms, 250; SBR, 193.

HAWFINCH, SBR, 231.

Hawk, Sparrow, see Sparrowhawk. HERON. research. current plate 34; SBR, 182.

NIGHT, current research,

SBR, 182.
HOBBY, SBR, 194.
HOOPOE, SBR, 216.
JACKDAW, SBR, 218.
JAY, SBR, 218.

KESTREL, Isle of May, 93, 98, 292, 295; current research, 369-370; SBR, 194. KINGFISHER, plate 33; SBR, 216. KITE, BLACK, SBR, 192.

-, RED, persecution, 192; Cairngorms, 257; SBR, 192.

KITTIWAKE, Shetland, 39-64, plates 1, 2, 4, 5; Isle of May, 100, 294-5; current research, 367-8, 371, 374; SBR, 211.

KNOT, SBR, 202.

LAPWING, Isle of May, 98, 290, 294; Cairngorms, 249; current research, 370; SBR, 196.

LARK, SHORE, Cairngorms, 249; Isle of May, 292-3; SBR, 217.

LARK, SHORT-TOED, SBR, 217. –, Sky, see Skylark.

LINNET, Isle of May 94, 98; current research, 374; SBR, 232.
MAGPIE, SBR, 218.

MALLARD, at effluent discharges,

MALLARD, at effluent discharges, 14-31; SBR, 183.
Mandarin, see Duck, Mandarin.
MARTIN, HOUSE, Isle of May, 95-99, 293; probable hybrid x Swallow, 301-2; current research, 373; SBR, 217.

—, SAND, Isle of May, 95-97, 293; current research, 371; SBR, 218.
MERGANSER REPLAREASTED at

MERGANSER, RED-BREASTED, at effluent discharges, 16-28; killing Oystercatcher, 299-300; SBR, 188. MERLIN, Isle of May, 98, 292; current research, 370; SBR, 194.

MOORHEN, SBR, 196.

NIGHTINGALE, Isle of May, 95, 293; SBR, 223, 235.

THRUSH, Isle of May, 95, 99; SBR, 223.

NIGHTJAR, SBR, 215. NUTHATCH, SBR, 219.

ORIOLE, GOLDEN, SBR. 218.

Ortolan, see Bunting, Ortolan. OSPREY, persecution, 193; Cairn-

gorms, 249; current research, 369; SBR, 193.

OUZEL, RING, 94-95, 98-99, 292; Rhum shearwater greens, 105; Cairngorms, 249; associating with pair of Blackbirds, 349-350; current research, 372; SBR, 221.

OWL, BARN, SBR, 215.

—, LITTLE, SBR, 215.

—, LONG-EARED, Isle of May, 94, 292, 295; current research, 371; SBR, 215.

SHORT-EARED, Isle of May, 98. 290-293; current research,

369; SBR, 215.

—, SNOWY, Cairngorms, 249; persecution, 253; SBR, 215.

—, TAWNY, SBR, 215.

OYSTERCATCHER, at effluent discharges, 7; Isle of May, 97, 100, killed by Red-breasted Merganser, 299-300; current research, 370-371; SBR, 196.

PARTRIDGE, SBR, 195.

—, Chukar, see Chukar. —, RED-LEGGED, hybrids x Chukar and Rock Partridge, 195; SBR, 195.

-, ROCK, hybrids x Red-legged Partridge, 195.

PEREGRINE, Isle of May, 98; persecution, 194; Cairngorms, 249; threats, 252-3; apparently hunting Common Sandpiper on ground, 347; current research, 369-370, 374; SBR, 194.

PETREL, LEACH'S, cu search, 368; SBR, 182. current re-

STORM, current research, 368; SBR, 181.
PHALAROPE, GREY, SBR, 205.

—, RED-NECKED, SBR, 205.

—, WILSON'S, SBR, 205. PHEASANT, SBR, 195. —, GOLDEN, SBR, 195. —, SILVER, SBR, 195.

Pigeon, Wood, see Woodpigeon. PINTAIL, at effluent discharges, 16-26; SBR, 184.

PIPIT, MEADOW, Isle of May. 93-94. 97-100: Rhum shearwater 105; Cairngorms, 249; greens. **SBR**, 228.

-, PECHORA SBR, 228

—, RED-THROATED, SBR, 228.

98; SBR, 228, 235.

RICKHARD'S, Isle of May, 9899; SBR, 228, 235.

ROCK, Isle of May, 100, 294;
rearing young Robin, 126; SBR, 228.

SCANDINAVIAN ROCK, SBR, 228.

—, TAWNY, Isle of May, 290, 294. —, TREE, Isle of May, 95-96, 100; SBR, 228.

WATER, SBR, 228.

PLOVER, GOLDEN, Cairngorms, 249; current research, 371; SBR, 197.

GREY, Isle of May, 98-99; SBR, 197.

—, KENTISH, SBR, 197.

-, LESSER GOLDEN, SBR. 198.

-, LITTLE RINGED, current search, 374; SBR, 197.

NORTHERN GOLDEN, SBR, 197.

-, RINGED, swimming, 125; current research, 371, 374; SBR, 197.

POCHARD, at effluent discharges, 6, 10, 14-28; SBR, 186.

—, RED-CRESTED, SBR, 185.

PTARMIGAN, Cairngorms, 248-9, 252, plate 21 (b); SBR, 195.

PUFFIN, Shetland, 39, 52-61, 65, 67; Isle of May, 100-101, 285-290, 294-6, plate 25; albino, plate 26 (a); current research, 367, 371, 374: SBR. 214.

- OUAIL, Isle of May, 293; SBR, 195. RAIL, WATER, SBR, 195.
- RAVEN, feeding in Manx Shear-water colony, 107; Isle of May, 293; current research, 372; SBR, 218
- RAZORBILL, Shetland, 39-49, 52-63, 66-67; Isle of May, 100, 294; current research, 367; SBR, 213.
- REDPOLL, Isle of May, 98-100; Cairngorms, 257; plate 36 (a); SBR, 232. –, ARCTIC, SBR, 233.
- GREENLAND (=Greater), SBR, 233.
- -, MEALY, SBR, 232. REDSHANK, at effluent discharges, 7; Isle of May, 97, 296; current research, 370; SBR, 201.
- SPOTTED, Cairngorms, 249; SBR, 201.
- REDSTART, Isle of May, 95-99, 293, 295; SBR, 233.
- BLACK, Isle of May, 93-94, 99; SBR, 223.
- REDWING, Isle of May, 94, 98-100, 290-293; SBR, 220.
- ROBIN, Isle of May, 93-96, 292, 295; reared by Rock Pipits, 126; SBR, 224.
- —, AMERICAN, SBR, 221. ROLLER, SBR, 216.
- ROOK, food in Cairngorms, 252; Isle of May, 295; killing Carrion Crow, 302; rookeries in Scotland —1975, 327-334, plate 32(a); current research, 372; gymnastic behaviour, 382; SBR, 218.
- ROSEFINCH, SCARLET, SBR, 233. RUBYTHROAT, SIBERIAN, 224, plate 19 (b).
- RUFF, SBR, 204.
- SANDERLING, Cairngorms, 249: SBR, 204.
- SANDGROUSE, PALLAS'S, Isle of May, 93, 95, 99; SBR, 214.
- SANDPIPER, BAIRD'S, Midlothian,
- 162-3; SBR, 203.

 –, BUFF-BREASTED, SBR, 204.

 –, COMMON, Isle of May, 95-96, 99; Cairngorms, 249; apparently hunted by Peregrine on ground, 347; SBR, 201.

 —, CURLEW, SBR, 203.

 —, GREEN, Isle of May, 95-96, 293;
- Cairngorms, 249; SBR, 200.
- -, PECTORAL, SBR, 203.-, PURPLE, Isle of May, 96-97; current research, 370; SBR, 202.

- SANDPIPER, SPOTTED, SBR, 201.

 —, TEREK, SBR, 202, plate 17 (a).
- —, UPLAND, SBR, 199.
- WOOD, Cairngorms 249; SBR, 200.
- SCAUP, at effluent discharges, 6, 14-27, 30; probable hybrids x Tufted Duck, 118-124, plate 12, correction, 137; SBR, 185.
 SCOTER, COMMON, at effluent
- discharges, 16-26, 29; current research, 369; SBR, 187.

 –, SURF, SBR, 187.
- VELVET, at effluent discharges, 19-26, 29; SBR, 187.
- SHAG, at effluent discharges, 10; Shetland, 39-49, 52-63; Isle o May, 100, 290, 294-5; SBR, 182. SHEARWATER, CORY'S, Isle o May, 290-293; SBR, 181. Isle of
- Isle of GREAT, Isle of May. 290-293:
- SBR, 181.
- -, LITTLE, Argyllshire, 380-381
- , MANX, taken by Buzzard, 69; Isle of May, 97, 290-293; breeding Rhum, 103-118, plates 9-11; SBR, 181.
- -, SOOTY, Isle of May, 97, 290-293; SBR, 181. SHELDUCK, at effluent discharges, 11, 14-26; flightless on the Forth, 124-5; current research, 369; SBR, 189.
- SHOVELER, Isle of May, 97, 99; SBR, 185.
- SHRIKE, GREAT GREY, Isle of May, 98-99, 292-6, plate 27 (b); Cairngorms, 250; behaviour with Wryneck, 348-9; SBR, 230.
- RED-BACKED, Isle of May, 95-96, 290-291, 294-295; SBR, 230.
- WOODCHAT, Isle of May, 292-5; SBR, 230.
- SISKIN, Isle of May, 97; Cairn-249; current research, gorms, 372: SBR. 231.
- SKUA, ARCTIC, Shetland, 39, 52-57, 60, 63; Isle of May, 96-99, 290, 292; erythristic eggs, 143-7, correction, 284; current research, 371; SBR, 205.
- GREAT, Shetland, 39, 52-57, 60, 63; Isle of May, 96-99, 292-3; probably killing Mountain Hare and Rabbits, 125; killing mammals, 319-321, 358-9; current research, 371; SBR, 205.
- LONG-TAILED, Cairngorms, 249; SBR, 206.

SKUA, POMARINE, Isle of May, 293; SBR, 205.

SKYLARK, Isle of May, 94-96, 99, 292; Cairngorms, 249; SBR, 217. SMEW, SBR, 188.

SNIPE, Isle of May, 96-98; Cairngorms, 249; SBR, 198.

-, GREAT, SBR, 198.

-, JACK, Isle of May, 93, 98; SBR, 198.

Sparrow, Hedge, see Dunnock.

, HOUSE, mating with Tree Spar-

row, 235; SBR, 235. -, TREE, Isle of May, 96-100; mating with House Sparrow, 235; SBR, 235.

SPARROWHAWK, Isle of May, 99, 295; current research, 369, 374; taking Sedge Warbler from ringer's hand, 381; SBR, 192.

SPOONBILL, SBR, 183. STARLING, Isle of May, 98-101, 295-6; albinos, 231; SBR, 230.

ROSE-COLOURED, SBR, 231. BLACK-WINGED, SBR. STILT, 205.

STINT, LITTLE, SBR, 202.

TEMMINCK'S, Cairngorms, 249; SBR, 203.

STONÉCHAT, Isle of May, 93, 98, 100; current research, 372; SBR, **222**.

, SIBERIAN, SBR, 223.

STORK, WHITE, SBR, 182.

SWALLOW, Isle of May, 94-100, 293-4; probable hybrid x House Martin, 301-2; current research, 371; SBR, 217.

SWAN, BEWICK'S, SBR, 191.

. MUTE, at effluent discharges, 8, 15-31; SBR, 191.

-, WHOOPER, at effluent discharges, 15-26; Isle of May, 98; Cairngorms, 249; SBR, 191.

SWIFT, Isle of May, 96, 99; current research, 371; SBR, 215.

TEAL, at effluent discharges, 16-26; SBR, 183. —, BLUE-WINGED, SBR, 184.

-, GREEN-WINGED, SBR, 184.

TERN, ARCTIC, Shetland, 39, 53-57, 60, 63; breeding inland Caithness, 301; plate 26 (b); SBR, 212.

BLACK, Isle of May, 98-99;

SBR, 212.

—, CASPIAN, SBR, 212.

—, 'COMMIC' (Common/Arctic),

104 99 SBR 212. Isle of May, 94, 99; SBR, 212.

Shetland, 39; TERN. COMMON, SBR, 212.

LITTLE, current research, 371; SBR, 213.

—, ROSEATE, SBR, 213. —, SANDWICH, current research,

371; SBR, 213. , WHITE-WINGED BLACK, Fair Isle, 163-4; SBR, 212.

THRUSH, DUSKY, SBR, 221, plate 18 (a).

—, HERMIT, SBR, 221.
—, MISTLE, Isle of May, 95, 292, 295; SBR, 220.

Isle of May, 95, 98, SONG, 292-5; Rhum shearwater 100. greens, 105; SBR, 220.

_, WHITE'S, SBR, 221.

TIT, BLUE, SBR, 219.

COAL, current research, 372; SBR, 219.

CONTINENTAL GREAT, probable, SBR 219.

CRESTED, Cairngorms, 249, plate 21 (a); current research, 372; SBR, 219.

—, GREAT, SBR, 219. —, LONG-TAILED, SBR, 219. —, MARSH, SBR, 219. —, WILLOW, SBR, 219.

TREECREEPER, Isle of May, 94, 99, 291-5; long-established nest site. 267-8, plate 24 (b); SBR, 219.

TURNSTONE, Isle of May, 96-97; current research, 370; SBR, 198.

TWITE, Isle of May, 93; SBR, 232. Tystie, see Guillemot, Black.

WAGTAIL, BLUE-HEADED, 229.

-, CITRINE, SBR, 229.

GREY, Isle of May, 94-97; SBR, 229.

—, GREY-HEADED, SBR, 229.

, PIED, Isle of May, 93, 95; current research, 372; SBR, 228. WHITE, Isle of May, 97; SBR,

228

YELLOW, Isle of May, 95, 97; SBR, 229.

WARBLER, AQUATIC, SBR, 224.

—, ARCTIC, Isle of May, 97, 99; SBR, 227, plate 18 (b).

—, BARRED, Isle of May, 96-100, 295; SBR, 225.

GARDEN, Isle of May, 95-101, 291-3; Cairngorms, 249; SBR, 225.

GRASSHOPPER. Cairngorms, 249; SBR, 224.

WARBLER, ARBLER, ICTERINE, Isle May, 96-99, 294-5; SBR, 225. Isle of

LANCEOLATED, SBR, 224, plate 20 (a).

-, MARSH, SBR, 224.

-, NORTHERN WILLOW, probable

Isle of May, 96.
-, PALLAS'S (LEAF), Isle of May, 93, 99, 290-294; SBR, 227.
-, REED, Isle of May, 293, growth

bar, plate 27 (a); SBR, 224. -, SEDGE, Isle of May, 95-99, 291;

taken by Sparrowhawk ringer's hand, 381; plate 36 (b); SBŘ, 224.

-, SUBALPINE, SBR, 226.

TENNESSEE, SBR, 231, plate 19 (a).

WILLOW, Isle of May, 94-101, 291-5; Cairngorms, 257; SBR, 226.

WOOD, Isle of May, 96, 294-5; SBR, 226.

YELLOW-BROWED, Isle of

May, 98-99; SBR, 227. WAXWING, Cairngorms, 249; drinking birch sap, 350; SBR, 230.

WHEATEAR, Isle of May, 94-99, 291-3; Rhum shearwater greens, 105; Cairngorms, 249; SBR, 221.

NORTHERN (= Greenland), SBR 222.

WHIMBREL, Isle of May, 94-95, 293; Cairngorms, 249; SBR, 199.

WHINCHAT, Isle of May, 93-99,

295; current research, 372; SBR, 223.

WHITETHROAT, Isle of May, 95-97, 100, 291-2; current research, 372;

SBR, 225. , LESSER, Isle of May, 94-98; SBR, 226.

WIGEON, at effluent discharges, 11, 14-31; Isle of May, 97; killed by Great Black-backed Gull, 348;

SBR, 184.

WOODCOCK, Isle of May, 94, 98-99, 290, 293-5; SBR, 199. WOODPECKER, GREAT SPOTTED, Isle of May, 97; SBR, 216. —, GREEN, Cairngorms, 250; SBR,

216. , NORTHERN GREAT SPOTTED,

SBR, 216.

WOODPIGEON, current research, 371, 374; SBR, 214.

WREN, Isle of May, 94, 100, 291; Rhum, 105; SBR, 219. SCANDÍNAVIAN, probables,

SBR, 219.

WRYNECK, Isle of May, 95-99, 292-3, weight increases and behaviour, 262-7, plate 24 (c); Cairngorms, 249; behaviour with Great Grey Shrike, 348-9; SBR,

YELLOWHAMMER, Isle of May, 99; current research, 372; SBR, 234.

YELLOWLEGS, LESSER, SBR, 202.

Scientific names of birds

Nomenclature at species level follows A Species List of British and Irish Birds (BTO Guide 13, 1971); trinomials follow The Status of Birds in Britain and Ireland (BOU, 1971). Page references are given to any subspecies without distinctive English names.

Acanthis cannabina see Linnet

- flammea see Redpoll
- - flammea see Redpoll, Mealy — - rostrata see Redpoll, Greenland
- hornemanni see Redpoll, Arctic
- flavirostris see Twite

Accipiter gentilis see Goshawk

- nisus see Sparrowhawk Acrocephalus paludicola, see Warbler, Aquatic

- palustris see Warbler, Marsh
- schoenobaenus see Warbler, Sedge - scirpaceus see Warbler, Reed
- Aegithalos caudatus see Tit, Longtailed

Aix galericulata see Duck, Mandarin Alauda arvensis see Skylark

Alca torda see Razorbill

Alcedo atthis see Kingfisher Alectoris chukar see Chukar

- graeca see Partridge, Rock

- ruja see Partridge, Red-legged Anas acuta see Pintail

- americana see Wigeon, American
- clypeata see Shoveler
- crecca see Teal
- carolinensis see Teal, Greenwinged
- discors see Teal, Blue-winged

Anas penelope see Wigeon

- --- platyrhynchos see Mallard
- -- querquedula see Garganev
- strepera see Gadwall
- Anser albifrons see Goose, Whitefronted
- — albifrons see Goose, European White-fronted
- -- flavirostris see Goose, Greenland White-fronted
- -- anser see Goose, Greylag
- -- brachyrhynchus see Goose, Pinkfooted
- caerulescens see Goose, Snow
 atlanticus see Goose, Greater
- Snow
- fabalis see Goose, Bean
- indicus see Goose, Bar-headed Anthus campestris see Pipit, Tawny
- cervinus see Pipit, Red-throated
- gustavi see Pipit, Pechora
- gustavi see Pipit, Pecnora - novaeseelandiae see Pipit, Rich-
- ard's
 pratensis see Pipit, Meadow
- spinoletta see Pipit, Rock
- — littoralis see Pipit, Scandinavian Rock
- - spinoletta see Pipit, Water
- trivialis see Pipit, Tree

Apus apus see Swift

Aquila chrysaetos see Eagle, Golden Ardea cinerea see Heron

Arenaria interpres see Turnstone
Asio flammeus see Owl, Short-eared

— otus see Owl, Long-eared Athene noctua see Owl, Little

Aythya ferina see Pochard

- fuligula see Duck, Tufted

— marila see Scaup

Bartramia longicauda see Sandpiper, Upland

Bombycilla garrulus see Waxwing Botaurus stellaris see Bittern

- Branta bernicla see Goose, Brent
 bernicla see Goose, Dark-bel-
- lied Brent
 hrota see Goose, Pale-bellied
- Brent
 canadensis see Goose, Canada
- canadansis see Goose, Canada — leucopsis see Goose, Barnacle Bucephala clangula see Goldeneye Buteo buteo see Buzzard
- lagopus see Buzzard, Rough-legged
- Calandrella cinerea see Lark, Short-toed
- Calcarius lapponicus see Bunting, Lapland.

Calidris alba see Sanderling

- alpina see Dunlin
- bairdii see Sandpiper, Baird's
- --- canutus see Knot
- ferruginea see Sandpiper, Curlew
- maritima see Sandpiper, Purple
- -- melanotos see Sandpiper, Pectoral
- minuta see Stint, Little
- -- temminckii see Stint, Temminck's Calonectris diomedea see Shearwater, Cory's

Caprimulgus europaeus see Nightjar Carduelis carduelis see Goldfinch

- chloris see Greenfinch
- spinus see Siskin
- Cepphus grylle see Guillemot, Black Certhia familiaris see Treecreeper Charadrius alexandrinus see Plover, Kentish
- dubius see Plover, Little Ringed
- hiaticula see Plover, Ringed
- Childonias leucopterus see Tern, White-winged Black
- niger, see Tern, Black.
- Chrysolophus pictus see Pheasant, Golden

Ciconia ciconia see Stork, White Cinclus cinclus see Dipper

Circus aeruginosis see Harrier, Marsh

— cyaneus see Harrier, Hen Clangula hyemalis see Duck, Longtailed

Coccothraustes coccothraustes see Hawfinch

Columba livia see Dove, Rock

- oenas see Dove, Stock
- -- palumbus see Woodpigeon Coracias garrulus see Roller

Coracias garrulus see Roller Corvus corax see Raven

- -- corone see Crow, Carrion/Hooded
- — cornix see Crow, Hooded
- -- corone see Crow, Carrion
- frugilegus see Rook
- monedula see Jackdaw Coturnix coturnix see Quail

Crex crex see Corncrake

Cuculus canorus see Cuckoo Cygnus bewickii see Swan, Bewick's

-- cygnus see Swan, Whooper

- olor see Swan, Mute

Delichon urbica see Martin, House Dendrocopus major see Woodpecker, Great Spotted

-- major see Woodpecker, Northern, Great Spotted

Diomedea melanophris see Albatross, Black-browed

Dolichonyx oryzivorus see Bobolink Egretta garzetta see Egret, Little Emberiza aureola see Bunting, Yellow-breasted

Emberiza bruniceps see Bunting, Redheaded

- calandra see Bunting, Corn
- cirlus see Bunting, Cirl
- citrinella see Yellowhammer
- hortulana see Bunting, Ortolan
- melanocephala see Bunting, Backheaded
- pusilla see Bunting, Litte
- rustica see Bunting, Rustic
- schoeniclus see Bunting, Reed Eremophila alpestris see Lark, Shore Erithacus rubecula see Robin Eudromias morinellus see Dotterel

Falco columbarius see Merlin
— peregrinus see Peregrine

- rusticolus see Falcon, Gyr
- subbuteo see Hobby
- tinnunculus see Kestrel
- vespertinus see Falcon, Red-footed

Ficedula albicollis see Flycatcher, Collared

- hypoleucos see Flycatcher, Pied
- parva see Flycatcher, Red-breasted Fratercula arctica see Puffin Fringilla coelebs see Chaffinch
- montifringilla see Brambling

Fulica atra see Coot Fulmarus glacialis see Fulmar

Gallinago gallinago see Snipe
— media see Snipe, Great

Gallinula chloropus see Moorhen
Garrulus glandarius see Jay

Gavia arctica see Diver, Black-throated

- immer see Diver, Great Northern
 stellata see Diver, Red-throated
- Grus grus see Crane
 Haematopus ostralegus see Oystercatcher

Haliaeetus albicilla see Eagle, White-

tailed
Himantopus himantopus see Stilt,

Black-winged

Hippolais icterina see Warbler, Icterine

Hirundo rustica see Swallow

Hydrobates pelagicus see Petrel,
Storm

Hydroprogne caspia see Tern, Caspian Hylocichla guttata see Thrush, Hermit

Jynx torquilla see Wryneck
Lagopus lagopus see Grouse, Red

ed

— mutus see Ptarmigan Lanius collurio see Shrike, Red-back-

- excubitor see Shrike, Great Grey

Lanius senator see Shrike, Woodchat Larus argentatus see Gull, Herring

- atricilla see Gull, Laughing
- canus see Gull, Common
- -- fuscus see Gull, Lesser Blackbacked
- -- fuscus see Gull, Scandinavian Lesser Black-backed
- glaucoides see Gull, Iceland
- hyperboreus see Gull, Glaucous
- marinus see Gull, Great Black-backed
- melanocephalus see Gull, Mediterranean
- minutus see Gull, Little
- -- philadelphia see Gull, Bonaparte's
- ridibundus see Gull, Black-headed
- sabini see Gull, Sabine's

Limnodromus scolopaceus see Dowitcher, Long-billed

Limosa lapponica see Godwit, Bartailed

- limosa see Godwit, Black-tailed Locustella lanceolata see Warbler, Lanceolated
- naevia see Warbler, Grasshopper Lophura nycthemera see Pheasant, Silver
- Loxia curvirostra see Crossbill
- — curvirostra see Crossbill, Common
- scotica see Crossbill, Scottish
 nytyopsittacus see Crossbill, Parrot
- Luscinia calliope see Rubythroat, Siberian
- luscinia see Nightingale, Thrush
- megarhynchos see Nightingale
- svecica see Bluethroat
- cyanecula see Bluethroat, White-spotted
- svecica see Bluethroat, Redspotted

Lymnocryptes minimus see Snipe, Jack

Lyrurus tetrix see Grouse, Black Melanitta fusca see Scoter, Velvet

- nigra see Scoter, Common
- perspicillata see Scoter, Surf

Mergus albellus see Smew

— merganser see Goosander — serrator see Merganser, Red

breasted

Milvus migrans see Kite, Black

— milvus see Kite, Black

Motacilla alba see Wagtail, Pied, and

—, White

- alba, see Wagtail, White
- — yarrellii see Wagtail, Pied

Motacilla cinerea see Wagtail, Grey
— citreola see Wagtail, Citrine

- flava see Wagtail, Yellow

— flava see Wagtail, Blue-headed
 — flavissima (Yellow Wagtail) Isle
 of May, 95; SBR 229

— thunbergi see Wagtail, Greyheaded

Muscicapa striata see Flycatcher,
Spotted

Spotted

Netta rufina see Pochard, Red-crested

Numenius arguata see Curlew

— phaeopus see Whimbrel
Nyctea scandiaca see Owl, Snowy
Nucticogar nucticogar see Heron

Nycticorax nycticorax see Heron, Night Oceanodroma leucorrhoa see Petrel,

Leach's
Oenanthe oenanthe see Wheatear

— — leucorrhoa see Wheatear, Northern

Oriolus oriolus see Oriole, Golden

Pandion haliaetus see Osprey
Parus ater see Tit, Coal
— caeruleus see Tit, Blue
Parus cristatus see Tit, Crested

- major, see Tit, Great

— major see Tit, Continental Great

montanus see Tit, Willow
palustris see Tit, Marsh

Passer domesticus see Sparrow, House

— montanus see Sparrow, Tree
Perdix perdix see Partridge
Pernis apivorus see Buzzard, Honey
Phalacrocorax aristotelis see Shag

— carbo see Cormorant

Phalaropus fulicarius see Phalarope, Grey
— lobatus see Phalarope, Red-necked

— tricolor see Phalarope, Wilson's Phasianus colchicus see Pheasant Philomachus pugnax see Ruff Phoenicopterus chilensis see Flamingo. Chilean

Phoenicurus ochruros see Redstart, Black

- phoenicurus see Redstart

Phylloscopus borealis see Warbler, Arctic

- collybita see Chiffchaff

tristis see Chiffchaff, Siberian
 inornatus see Warbler, Yellow-

browed

— proregulus see Warbler, Pallas's (Leaf)

- sibilatrix see Warbler, Wood

- trochilus see Warbler, Willow

— acredula see Warbler, Northern Willow

Pica pica see Magple
Picus viridis see Woodpecker, Green
Platalea leucorodia see Spoonbill
Plautus alle see Auk, Little
Plectrophenax nivalis see Bunting,
Snow

— — insulae see Bunting, Iceland

Pluvialis apricaria see Plover, Golden
— altifrons see Plover, Northern
Golden

dominica see Plover, Lesser Golden

squatarola see Plover, Grey
 Podiceps auritus see Grebe, Slavonian

cristatus see Grebe, Great Crested
 griseigena see Grebe, Red-necked
 nigricollis see Grebe, Black-necked
 Podilymbus podiceps see Grebe, Pled-billed

Polysticta stelleri see Eider, Steller's Porzana porzana see Crake, Spotted Prunella modularis see Dunnock Puffinus assimilis see Shearwater, Little

- gravis see Shearwater, Great

griseus see Shearwater, Sooty
 puffinus see Shearwater, Manx

Pyrrhocorax pyrrhocorax see Chough
Pyrrhula pyrrhula see Bullfinch

— pyrrhula see Bullfinch, Northern

Rallus aquaticus see Rail, Water Recurvirostra avosetta see Avocet Regulus ignicapillus see Firecrest — regulus see Goldcrest Rhodostethia rosea see Gull, Ross's Riparia riparia see Martin, Sand Rissa tridactyla see Kittiwake Saxicola rubetra see Whinchat

torquata see Stonechat
 -- maura see Stonechat, Siberian
 Scolopax rusticola see Woodcock
 Sitta europaea see Nuthatch

Somateria mollissima see Eider
— spectabilis see Eider, King

Stercorarius longicaudus see Skua, Long-tailed

parasiticus see Skua, Arctic
 pomarinus see Skua, Pomarine

- skua see Skua, Great

Sterna albifrons see Tern, Little

dougallii see Tern, Roseate
 hirundo see Tern, Common

— nirunao see Tern, Common — paradisaea see Tern, Arctic

- sandvicensis see Tern, Sandwich

Streptopelia decaocto see Dove, Collared

- turtur see Dove, Turtle

Strix aluco see Owl, Tawny
Sturnus vulgaris see Starling
— roseus see Starling, Rose-coloured
Sula bassana see Gannet
Sylvia atricapilla see Blackcap

- borin see Warbler, Garden

— cantillans see Warbler, Subalpine

- communis see Whitethroat

- curruca see Whitethroat, Lesser

— nisoria see Warbler, Barred Syrrhaptes paradoxus see Sandgrouse, Pallas's

Tachybaptus ruficollis see Grebe, Little

Tadorna tadorna see Shelduck

Tarsiger cyanurus see Bluetail, Redflanked

Tetrao urogallus see Capercaillie Tringa erythropus see Redshank, Spotted

- glareola see Sandpiper, Wood

— hypoleucos see Sandpiper, Common

- macularia see Sandpiper, Spotted

Tringa nebularia see Greenshank
— ochropus see Sandpiper, Green

- totanus see Redshank

Troglodytes troglodytes see Wren

- troglodytes see Wren, Scandin-avian

Tryngites subruficollis see Sandpiper, Buff-breasted

Turdus iliacus see Redwing

— merula see Blackbird

- migratorius see Robin, American
 naumanni eunomus see Thrush,
- Dusky
 -- philomelos see Thrush, Song
- pilaris see Fieldfare
- torquatus see Ouzel, Ring
- viscivorus see Thrush, Mistle
 Tyto alba see Owl, Barn
 Upupa epops see Hoopoe
 Uria aalge see Guillemot
 Vanellus vanellus see Lapwing
 Vermivora peregrina see Warbler,
 Tennessee

Xenus cinereus see Sandpiper, Terek Zoothera dauma see Thrush. White's

Please complete the Binding Form overleaf

RECEIPT FOR SCOTTISH BIRDS BINDING

From P. G. CHAPMAN & Cham, Kent, BR3 1LD.	CO. Ltd., Kent House Lane, Becken-
	thanks receipt of your parcel H BIRDS for binding, and your
Date	P. G. CHAPMAN & CO. Ltd.

BOOKS - Handle with Care

Name
Address
If undelivered please return to P. G. Chapman & Co. Ltd., Kent House Lane, Beckenham, Kent, BR3 1LD
To P. G. CHAPMAN & CO. LTD., Kent House Lane, Beckenham, Kent, BR3 1
I enclose cheque/P.O. £ for binding in
☐ Quarter Leather
□ Buckram
Please tick your choice in space above. Binding rates as Buckram £4.50 post paid; Quarter Leather £5.50 post paid
Please fill in your name and address in both spaces on to page.
Failure to do so may cause delay. The lower half of this she will be sent back to you as a receipt; the upper half is the lal for the return of your bound volume.
Name
Address
Addicas