

W. 202 Males
O.K. SH

A HISTORY
OF
THE BIRDS OF EUROPE,

INCLUDING ALL THE SPECIES INHABITING THE
WESTERN PALÆARCTIC REGION.

BY
H. E. DRESSER, F.L.S., F.Z.S., ETC.

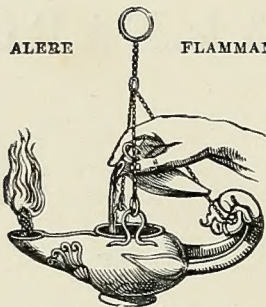
VOLUME I.

LONDON:
PUBLISHED BY THE AUTHOR,
6 TENTERDEN STREET, HANOVER SQUARE, W.

1871-1881.

ALERE

FLAMMAM.



PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.



A
HISTORY
OF THE
BIRDS OF EUROPE



BY

HENRY E. DRESSER, F.L.S., F.Z.S., ETC.

VOLUME I.

CONTAINING:—

TITLEPAGE. DEDICATION. LIST OF SUBSCRIBERS.
PREFACE. INTRODUCTION. LITERATURE.
ADDENDA ET ERRATA. INDEX.

QW
690
AID 11
1871
v. 1
copy 1
SCHUB

TO THE RIGHT HONOURABLE

Thomas Lyttleton, Lord Lilford, F.R.S., F.Z.S., &c.,

PRESIDENT OF THE BRITISH ORNITHOLOGISTS' UNION,

IN

RECOGNITION OF THE ASSISTANCE HE HAS INVARIABLY AFFORDED

TO ME

DURING THE PUBLICATION OF THIS WORK,

AND AS A

TOKEN OF MY APPRECIATION OF HIS MANY ACTS OF SINCERE FRIENDSHIP,

THESE VOLUMES ARE DEDICATED

BY

H. E. DRESSER.

LIST OF SUBSCRIBERS TO THE BIRDS OF EUROPE.

HIS MAJESTY THE KING OF ITALY.

H.R.H. THE DUKE OF EDINBURGH, K.G.

H.H. THE MAHARAJAH DULEEP SINGH, Elveden Hall, Thetford.

- ABRAHAM, Mr., Bookseller, Taunton.
ADAM, R. M., Esq., Deputy Commissioner, Inland Customs, Agra.
ADNITT & NAUNTON, Messrs., The Square, Shrewsbury.
ALLEN, Mr. G. A., Tavistock Row, Covent Garden, W.C.
ALSTON, the late E. R., Esq., F.Z.S.
AMSTERDAM, Society "Natura Artis Magistra."
ANDERSON, the late Andrew, Esq.
ANDERSON, Dr. John, F.Z.S., Care of Messrs. Henry S. King & Co.
ARGYLL, The Duke of, F.R.S., Argyll Lodge, Kensington, W.
ARMSTRONG, George, Esq., Foxleigh, Caterham Junction.
ASHER & Co., Messrs., Bedford Street, Covent Garden, W.C. (6 copies).
ASHMEAD, G. B., Esq., Bishopsgate Street, E.C.
ATKIN, E. T., Esq., Matilda Street, Sheffield.
ATKINS, T. H., Esq., 6 St. Helens Place, E.C.
BACKHOUSE, Edmund, Esq., Bank, Darlington.
BAIN, Mr. J., 1 Haymarket, W.
BAINES, John, Esq.
BAKER, G. T., Esq., The Bracken, Augustus Road, Edgbaston.
BALSTON, R. J., Esq., Clare House, Maidstone.
BARCLAY, F. K., Esq.
BARCLAY, Hanbury, Lieut.-Col., F.Z.S., Ashleigh, Dorking, Surrey.
BARCLAY, H. F., Esq., Monkham, Woodford, Essex.
BARCLAY, Robert, Esq., Bury Hill, Dorking.
BARCLAY, Robert, Esq., High Leigh, Hoddesdon.
BARCLAY, William L., Esq., 54 Lombard Street, E.C.
BARNE, Lieut.-Col., M.P., Sotterley Park, Wangford, Suffolk.
BAZLEY, T. S., Esq., Hatherop Castle, Fairford, Gloucestershire.
BEAUCHAMP, The late Countess, 19B Grosvenor Square.
BEAUMONT, Sir George, Bart., Cole-Orton Hall, Ashby-de-la-Zouche.
BEAUFORT, Comte de, Care of Mons. Fr. J. Olivier, Bruxelles.
BENZON, A., Esq., Svane Apoteke, Ostergade, Copenhagen.
BERG, Comte de, Care of F. Olivier, Brussels.
BERLIN, The Royal Zoological Museum.
BERNEY, George H., Esq., Morton Hall, Norwich.
BICKERS & Son, Messrs., 1 Leicester Square (13 copies).
BIDDULPH, Major, Care of Messrs. H. S. King & Co.
BLACKWOOD & Son, Messrs., Edinburgh.
BLANFORD, W. T., Esq., F.R.S., Arts Club, Hanover Square.
BOND, F., Esq., F.Z.S., &c., Fairfield Avenue, Staines.
BOOTH, E. T., Esq., Dyke Road, Brighton.
BORRER, W., Esq., Cowfold, Horsham.
BOSTON Public Library, U.S.A., Care of Messrs. Sampson Low & Co.
BOSTON Society of Natural History, Care of Smithsonian Institute, Washington, D.C.
BOYNTON, Sir Henry, Bart., Burton Agnes, Hull.
BRAIKENRIDGE, Rev. G. W., M.A., F.L.S., Clevedon, Somerset.
BRANICKI, Comte de, Care of M. Bouvier, 55 Quai des Grands Augustins, Paris.
BRAYBROOKE, Lord, F.Z.S., Audley End, Saffron Walden.
BREE, Dr., F.Z.S., East Hill, Colchester.
BRIDGEMAN, Lieut.-Colonel the Hon. Francis, Scots Guards.

- BROCKLEBANK, Mrs., Springwood, Liverpool.
- BROOKE, Alexander, Esq., F.Z.S., Care of Messrs. J. A. Hadden & Co., 25 Fenchurch Street, E.C.
- BROOKE, A. Basil, Esq., F.Z.S., Cardney, Dunkeld, N.B.
- BROOKE, Sir Victor, Bart., F.Z.S., Colebrooke, Brookborough, Ireland.
- BROOKS, W. E., Esq., Canada.
- BROWN, J. A. Harvie, Esq., Dunipace House, Larbert, N.B.
- BRUCE, David, Esq., 1 Victoria Square, Stirling, N.B.
- BRUCE, W. P., Esq., Kinleith, Currie, near Edinburgh.
- BRUSSELS, The Library of the Musée d'Histoire Naturelle.
- BRYCE, Mr., Glasgow, Care of Messrs. Hamilton, Adams & Co., 32 Paternoster Row, E.C.
- BUCKLEY, Henry, Esq., F.Z.S., Great Charles St., Birmingham.
- BUCKLEY, Samuel, Esq., Great Charles Street, Birmingham.
- BUCKLEY, T. E., Esq., F.Z.S., Attadale House, Strath-Carron, Ross-shire, N.B.
- BUMPUS, John, Esq., 153 Oxford Street, W. (3 copies).
- BUXTON, H. E., Esq., Fritton Decoy, Yarmouth.
- BUXTON, T. Fowell, Esq., Easnaye, Ware.
- BUXTON, Miss, Colne House, Cromer.
- CABBELL, B. Bond, Esq., F.R.S., the late.
- CARNIE, Farquhar, Esq., Shanghai, Care of A. Michie, Esq., Fenchurch Avenue, E.C.
- CARTWRIGHT, T. L. M., Esq., F.Z.S., Newbottle Manor, Brackley.
- CAVE, Frank W. Cave B., Esq., 42 Bennett's Hill, Birmingham.
- CHAMBERLAIN, Walter, Esq., Moor-Green Hall, Moseley, near Birmingham.
- CHANCE, R. L., Esq., Chad Hill, Edgbaston, Birmingham.
- CHOLMLEY, A. J., Esq., Newton House, Rillington, York.
- CHRISTIANIA, University of, Care of Messrs. Longman & Co.
- CLAPHAM, A., Esq., 24 West Kensington Gardens, W.
- CLARKE, W. Eagle, Esq., 5 East View, Hyde Park, Leeds.
- CLAYFIELD-IRELAND, A., Esq., Dowrick House, Crediton.
- COAKS, J. B., Esq., Thorpe Hamlet, Norwich.
- COBBETT, A., Esq., Pall Mall, S.W.
- COCHRANE, Henry, Esq., The Longlands, Middlesborough.
- COLLETT, Robert, Esq., Christiania.
- COOPER, Colonel E. H., 42 Portman Square, W.
- COPENHAGEN, University of, Care of Messrs. Longman & Co.
- CORNISH, Mr. J. E., Manchester (9 copies).
- CORY, C. B., 8 Arlington Street, Boston, Mass., U.S.A.
- CROSFIELD, J. B., Esq., Reigate, Surrey.
- CROWFOOT, W. M., Esq., Beccles, Suffolk.
- CROWLEY, Fredk., Esq., Alton, Hants.
- CROWLEY, Philip, Esq., Waddon House, Croydon.
- DALGLEISH, J. J., Esq., Care of Messrs. Edmonston & Douglas, Edinburgh.
- DANFORD, Charles, Esq., Ayres End, Harpenden, Herts.
- DE NOAILLES, The Countess, The Hut, Fryerning, Ingatestone, Essex.
- DEVONSHIRE, The Duke of, Devonshire House, Piccadilly.
- DIXON, Raylton, Esq., Middlesborough-on-Tees.
- DODGSON, W. H., Esq., Royal Exchange, E.C.
- DOMVILE, William C., Esq., Heywood, Ballinakill, Queen's Co., Ireland.
- DONCASTER, C., Esq., Doncaster Street, Sheffield.
- DORIA, The Marquis, Museo Civico, Genoa.
- DOWSETT, Arthur, Esq., Hatherley, London Road, Reading.
- DRUCE, Herbert, Esq., 43 Circus Road, St. John's Wood, N.W.
- DRUMMOND, Allan H., Esq., 7 Ennismore Gardens, South Kensington, W.
- DUCIE, The Earl of, Tortworth Court, Falfield, Gloucester.
- DULAU & Co., Messrs., Soho Square.
- DUTTON, Hon. Edward, 2 St. James's Place, S.W.
- EDWARDS, H. MILNE-, Professor, Jardin des Plantes, Paris.
- ELLIOT, D. G., Esq., F.R.S.E., &c. &c., New York.
- ELLIOT-BATES, Rev. J. Elphinstone, Milbourne House, Newcastle-on-Tyne.
- ELMHIRST, the late Moses, Esq., J.P., West Ashby Grove, Horncastle.
- ELWES, H. J., Esq., F.Z.S., Preston, Cirencester.
- EMERY, C. G., Sudbury House, Farringdon.
- EWBANK, Rev. G., 4 Belvedere Terrace, Brighton.
- FASY & FRICK, Messrs., Vienna, Care of Messrs. Longman & Co. (2 copies).
- FEILDEN, Capt. H. W., F.Z.S., &c., Naturalist to the Arctic Expedition.
- FEILDING, Major-General the Hon. Percy, C.B., 107 Queen's Gate, S.W.
- FIELD, Barclay, Esq., 26 Hill Street, Berkeley Square.
- FINSCH, Dr. Otto, C.M.Z.S., Bremen.
- FITZPATRICK, Hon. B., Granton Manor, Abbey Leix, Ireland.
- FITZWILLIAM, Hon. C. W. W., M.P., Alwalton, Peterborough.
- FLEMING, Miss, Cookham, Berks.
- FLOWER, W. J., Esq., Fairfield Road, Croydon, Surrey.
- FOOTITT, W. F., Esq., Oxford Lodge, White Horse Road, Croydon.
- FORBES, A. W., Esq., Prosector to the Zoological Society, Zoological Gardens, Regent's Park.
- FORRESTER, F. W., Esq., 66 Mark Lane, E.C.
- FRANCIS, Dr. William, F.L.S., The Manor House, Richmond.
- FRAZER, W. F., Esq., Samarang, Care of H. King & Co.
- FRIEDLÄNDER & Sohn, Messrs., Berlin (3 copies).
- FRITZE, C. E., Esq., Stockholm, Care of Messrs. Longman & Co. (5 copies).
- GARDNER, the late Samuel, Esq., Bawtry, Sheffield.
- GASKELL, J. B., Esq., Wootton Wood, Liverpool, Care of Mr. Pearce, Warrington.

- GIBRALTAR Library, The, Care of Messrs. Longman & Co.
 GILLETT, the late George, Esq.
 GODMAN, C. B., Park Hatch, Godalming.
 GODMAN, F. Du Cane, Esq., F.Z.S., 10 Chandos Street, Cavendish Square, W.
 GODMAN, J., Esq., F.Z.S., 55 Lowndes Square.
 GODMAN, Percy, Esq., F.Z.S., Itchenfield, Muntham, Horsham.
 GODWIN-AUSTEN, Lieut.-Colonel H. H., Deepdale, Reigate.
 GOULD, the late John, Esq., F.R.S., 26 Charlotte Street, Bedford Square.
 GRAHAM, W., Esq., Trig Lane, Upper Thames Street, E.C.
 GRANT, Colonel, F.Z.S.
 GRANT & Son, Messrs., 107 Princes Street, Edinburgh (4 copies).
 GRIFFIN, W. H., Esq., Moseley, near Birmingham.
 GUISE, Sir William, Bart., Elmore Court, Gloucester.
 GURNEY, J. H., Esq., F.Z.S., Northrepps, Norwich.
 GURNEY, J. H., Esq., jun., F.Z.S., Northrepps, Norwich.
 HACHETTE, Messrs., King William Street, Strand.
 HAMILTON, Adams, & Co., Paternoster Row.
 HAMILTON, Dr., V.P.Z.S., 9 Portugal Street, Grosvenor Square, W.
 HAMILTON, J. F., F.Z.S., 27 Elgin Crescent, Notting Hill.
 HAMMELRATH, Dr., Care of Mons. Fr. J. Olivier, Bruxelles.
 HAMMOND, Capt. R., R.N.
 HANBURY, George, Esq., 21 Portman Square, W.
 HANBURY, Robert, Esq., Truman's Brewery, Spitalfields.
 HANBURY, S., Bishopstowe, Torquay.
 HANOVER, Naturhistorische Gesellschaft, Provinzial Museum.
 HARGITT, Edward, Esq., 1 Bedford Road, Bedford Park, Chiswick.
 HARLEY, G., Esq.
 HARTLAUB, Dr. G., C.M.Z.S., Bremen.
 HARVARD COLLEGE, Care of Messrs. Trübner.
 HATCHARD, Messrs., Piccadilly (9 copies).
 HAWKINS, Rev. Herbert S., Beyton Rectory, Bury St. Edmunds.
 HAY, the late Major W. E., 7 Westminster Chambers, Victoria Street.
 HAYNES, Captain, Hillside, Ripon.
 HEAVEN, Spencer, Esq., Port Stuart, Co. Londonderry.
 HEBBERT, Charles T., Esq., 12 Hereford Gardens, W.
 HELE, J. C., Esq., The Knowle, Newton Abbot, Devon.
 HEWETSON, H. B., Esq., 10 Hanover Square, Leeds.
 HIGHTON, Rev. E., Bude Haven, Cornwall.
 HOARE, Charles, Esq., The Vicarage, Moffats, Hatfield.
 HODGES, FOSTER, & Co., Messrs., Care of Messrs. Simpkin & Marshall.
 HOMEYER, Herr Eug. von, Warbelow bei Stolp, Pommern.
 HOPE, G. P., Esq., 26 Royal Exchange, E.C.
 HORNE, Mrs., Innisfail, Beulah Hill, Norwood.
 HOUGHTON, W. D., Esq., Moore, Warrington, Care of Mr. Pearce.
 HOWORTH, H. H., Esq., Manchester, Care of Mr. Cornish.
 HUBBARD, Egerton, Esq., M.P., Prince's Gate, W.
 HÜGEL, Baron A. von., 116 High Street, Camden Town, N.W.
 HUME, A. O., Esq., C.B., F.Z.S., &c., Simla, Care of Mr. B. Quaritch.
 HUNTLY, The Marquis of, Aboyne Castle, Aberdeenshire, N.B.
 INDIA Museum, Calcutta.
 IRBY, Colonel L. H. L., F.Z.S.
 JESSE, W., Esq., C.M.Z.S., Tonacombe, Morwenstowe, North Devon.
 JOHNSON, A. W., Esq., 16 Claremont Place, Gateshead, Durham.
 KENNEDY, Capt. A. Clarke, Guards' Club, S.W.
 KESTEVEN, Lord, Casewick, Stamford.
 KIRBERGER, Herr, Care of Messrs. Hamilton, Adams, & Co.
 KIRKBY, C., Esq., Fern Villa, Moor Road, Headingley, Leeds.
 KIRKE, Robert, Esq., Greenmout, Burntisland, Fife.
 KIRKNESS, J. Lewis, Esq., R.N., Care of W. Kirkness, Esq., Kenwyn Cottage, Spencer Hill, Wimbledon, S.W.
 KNOX, H. Blake, Esq., J.P., &c., Dalkey, Co. Dublin, Ireland.
 KNUBLEY, Rev. E. Ponsonby, M.A., &c., Staveley, near Boroughbridge, Yorkshire.
 LABOUCHERE, H. M., Esq., Utrecht, Holland, Care of Messrs. Hamilton, Adams, & Co., Paternoster Row.
 LACROIX, Adrien, Esq., Toulouse, France.
 LEICESTER Literary and Philosophical Society.
 LE STRANGE, Hamon, Esq., F.Z.S., Hunstanton Hall, King's Lynn, Norfolk.
 LEYDEN, The Rijks Museum.
 LIDDLE & KAEDING, Messrs., 138 Washington Street, San Francisco, Care of Messrs. S. Buckley & Co., Birmingham.
 LILFORD, Lord, F.Z.S., Lilford Hall, Oundle (4 copies).
 LISBON, The Royal Zoological Museum.
 LITERARY and Philosophical Society, The, Town Museum, Leicester.
 LOESCHER, Hermann, Turin, Care of Messrs. Dulau & Co. (2 copies).
 LUBBOCK, Fredk., Esq., Downe, Kent.
 LUCAS, Charles, Esq., 5 Great George Street, Westminster, S.W.
 LUCAS, Thomas, Esq., 5 Great George Street, Westminster, S.W.
 LUCAS, W. F., Esq., 21 Surrey Street, Strand, W.C.
 LUMSDEN, James, Esq., Arden House, Alexandria, N.B.
 LYONS, The Municipal Library.
 McVEAN, Colin, Esq., C.E., Woodside, Ashton, Chester.
 MAITLAND, Sir James G. R., Bart., of Sauchie and Barnton, Craighend House, Stirling, N.B.
 MANN, Thomas, Esq., Roseneath House, Winchmore Hill.
 MARLBOROUGH, The Duke of, Blenheim Palace, Woodstock.
 MARSHALL, Capt. C. H. T., F.Z.S., Umritzur.
 MARSHALL, Capt. G. F. L., F.Z.S., Allahabad.
 MARSHALL, John, Esq., Belmont, Taunton.

- MARTIN, A. R., Esq., St. Margaret's Bank, Rochester.
- MASON, Rev. J., Langley Mills, Tyne.
- MATHEW, Gervase F., Esq., Instow, North Devon.
- MATHEW, Rev. A. Murray, Stone Hall, Wolfcastle, Pembroke-shire.
- MAYER, H., Esq., 21 Longue Rue de l'Hôpital, Antwerp.
- METCALFE, J. S., Esq., 55 Highgate, Kendal.
- MEVES, W., Esq., Care of Messrs. Longman & Co.
- MILNER, Edward, Esq., Care of Mr. Pearce, Warrington.
- MILNER, H. B. W., Esq., Kirkstall Grange, Leeds.
- MILWARD, Harding, Esq., Edgbaston, Birmingham.
- MITCHELL, J., Esq., Clitheroe, Lancashire.
- MONK, T. J., Esq., F.Z.S., Mountfield House, Lewes.
- MOULTRIE, G. W., Esq., Bombay.
- MURDOCH, A. B., Esq., 9 Merchiston Place, Edinburgh.
- NAIRN, H. P., Esq., High Leigh, Hurstpierpoint, Sussex.
- NEALE, E., Esq., 12 Langham Street, W.
- NEWTON, Charles E. C., Esq., Barston Hall, Hampton-in-Arden, Warwickshire.
- NEWTON, Professor, F.R.S., Magdalene College, Cambridge.
- NICHOLSON, F., Esq., F.Z.S., &c., The Grove, Oldfield, Altrincham, Cheshire.
- NIXON, J., Esq., Sheffield.
- NORMAN, Charles, Esq., Bromley, Kent.
- OATES, Eugene W., Esq., Care of Mr. J. Van Voorst.
- OGILBY, J. Douglas, Esq., Fernside, Killiney, Co. Dublin.
- OLIVIER, Mons. Fr. J., Bruxelles.
- ORDE, Sir John, Bart., &c., Kilmory House, Loch Gilphead, N.B.
- PALIN, Captain W. H., Care of Mr. Cornish.
- PARELLADA, Sr. Don Enrique, 3 Obispo, Barcelona.
- PARKIN, T., Esq., Halton, near Hastings.
- PARSONS, C. S., Esq., Edgbaston, Birmingham.
- PEARCE, Mr., Warrington.
- PEARSON, A. H., Esq., 29 Ashley Place, S.W.
- PEMBERTON, the late Miss, 33 Warrior Square, St. Leonard's.
- PERKINS, John, Esq., M.A., Downing College, Cambridge.
- PIKE, T. M., Esq., Westport, Wareham.
- PLEYDELL, J. C. Mansel, Esq., Blandford, Dorset.
- POWYS, Hon. Leopold W. H., 16 Queensbury Place, S.W.
- POWYS-KECK, H. L., Esq., Stoughton Grange, near Leicester.
- PRICE, W. E., Esq., M.P., Hillfield, Gloucester.
- PUTNAM, Wm., Esq., jun., Darlington.
- QUARITCH, Mr. B., 15 Piccadilly (6 copies).
- RAMSAY, Capt. R. G. Wardlaw, Highland Light Infantry, Whitehill, Rosewell, N.B.
- RATCLIFF, Charles, Esq., D.L., J.P., Wyddrington, Birmingham.
- RAWSON, J. Evelyn, Esq., Bromley Common, Kent.
- REID, Savile G., Esq., F.Z.S., Ashridge-wood, Wokingham.
- RIBAUCOURT The Comte de, Care of Mons. Fr. J. Olivier, Bruxelles.
- RIPLEY, Sir H. W., Bart., Acacia, Apperley, near Leeds.
- RIPON, The Marquis of, 1 Carlton Gardens, S.W.
- ROBINSON, Rev. G., F.R.S., Tartaraghan Rectory, Armagh.
- ROCKE, the late John, Esq., Clungunford House, Aston-on-Clun, Salop.
- ROGERS, John, Esq., 27 Leadenhall Street.
- ROGERS, Mr. L. M., 11 Bouverie Street, Fleet Street, E.C.
- ROWE, J. Brooking, Esq., F.L.S., Plympton Lodge, Plympton, S. Devon.
- ROWLEY, the late G. Dawson, Esq., M.A., F.Z.S., Chichester House, Brighton.
- RUHL, Edward, Esq., Verviers, Care of Mons. Fr. J. Olivier, Bruxelles.
- RYLAND, F., Esq., Noel Road, Edgbaston, Birmingham.
- SALVIN, Osbert, Esq., F.R.S., 10 Chandos Street, Cavendish Square, W.
- SAMSON & WALLIN, Messrs., Stockholm.
- SAUNDERS, Howard, Esq., F.Z.S., 7 Radnor Place, Gloucester Square, W.
- SCLATER, P. L., Esq., Ph.D., F.R.S., 11 Hanover Square, W.
- SEEBOHM, Frederick, Esq., Hitchin.
- SEEBOHM, Henry, Esq., 6 Tenterden Street, W. (2 copies).
- SHEARER, Mr. R. T., Stirling, N.B.
- SHELLEY, Capt., F.Z.S., 13 Rutland Gate, S.W.
- SHELLEY, Edward, Esq., Avington, Winchester.
- SHEPHERD, Rev. C. W., Trotterscliffe, near Maidstone, Kent.
- SILVA, Edward, Esq., 17a Pembridge Square, W.
- SIMPKIN & Marshall, Messrs., Stationers' Hall Court, E.C.
- SIMSON, Frank B., Esq., Broomhill, Spratton, Northampton.
- SLATER, Rev. Henry H. Sharow, Ripon, Yorkshire.
- SMITH, The Right Hon. W. H., Esq., M.P., 1 Hyde-Park Street, W.
- SMITH, Messrs. W. H., & Sons, Strand.
- SPICER, J. W. G., Esq., F.Z.S., Spye Park, Chippenham, Wilts, Care of Messrs. Sotheran & Co., Strand.
- STARK, A. C., Esq., The Engadine, Torquay.
- STEPHENSON, Eric, Esq., 1 North Bar Without, Beverley, Yorkshire.
- STEVENSON, Henry, Esq., F.L.S., 10 Unthanks Road, Norwich.
- STOCK, Elliot, Esq., 62 Paternoster Row, E.C.
- STRICKLAND, Mrs., Ardincaple, Cambridge.
- SUNDSTRÖM, Dr., Dagbladets Kontor, Stockholm.
- SUTTON, Hon. G. Manners, Ashtead, Epsom.
- SWANZY, Andrew, Esq., F.L.S., 122 Cannon Street.
- SWINHOE, the late Robert, Esq., F.R.S.
- TAYLOR, E. Cavendish, Esq., F.Z.S., 74 Jermyn Street, W.
- TAYLOR, Capt. W., J.P., Glenleigh, Hastings.
- THOMPSON, Joseph, Esq., Manchester, Care of Mr. J. E. Cornish.
- TINDALL, Edward, Esq., Knapton Hall, near Rillington, York.
- TREDEGAR, Lord, Tredegar Park, Newport, Monmouthshire.

- TREVELYAN, Ernest J., Esq., 93 Sydney Place, Bath.
- TRISTRAM, The Rev. Canon, F.R.S., The College, Durham.
- TRÜBNER, Messrs., & Co., Ludgate Hill, E.C.
- TRYON, Lieut.-Col., Balwick Park, Wansford, Northants.
- TSCHUSI-SCHMIDHOFEN, Victor Ritter von, Villa Tannenhof, bei Hallein, Austria.
- TURIN, Royal Zoological Museum, Care of Messrs. Dulau & Co.
- TWEEDDALE, the late Marquis of, F.R.S., Pres. Zool. Soc.
- TWEEDMOUTH, Lord, Brook House, Park Lane, W.
- UPCHER, H. M., Esq., Sheringham Hall, Cromer, Norfolk.
- USSHER, H. E. Governor, C.M.Z.S., Thatched-House Club.
- VAN VOORST, John, Esq., F.L.S., 1 Paternoster Row (4 copies).
- VEKEMANS, L., Esq., Directeur du Jardin Zoologique, Anvers.
- VEVIK Ahmed Pacha, Constantinople.
- WADE, J. H., Esq., Oak Bank, Manningham, Bradford.
- WALKER, J. L., 6 Albany Court Yard, W.
- WALLACE, A. R., Esq., F.Z.S., Nutwood Cottage, Frith Hill, Godalming.
- WATKINS, H., Esq., Care of Mr. Edmonds, Birmingham.
- WESTHEAD, T. Brown, Esq., Cauldron Place, Staffordshire Potteries.
- WHARTON, C. Bygrave, Esq., F.Z.S., Hounslow, Totton, Hants.
- WHARTON, Henry T., Esq., M.A., F.Z.S., 22 St. George's Road, Kilburn.
- WHITE, Dr. F. Buchanan, Perth.
- WILLIAMS, Rev. W. Maddox, Care of Messrs. Ward & Co., 158 Piccadilly, W.
- WILLIAMS & NORGATE, Messrs., Henrietta Street, Covent Garden, W.C.
- WILSON, George Orr, Esq., Blackrock, Co. Dublin.
- WOLF, J., Esq., 2 Primrose-Hill Studios, Fitzroy Road, N.W.
- WOOD, C. G., Esq., Care of H. Buckley, Esq., Birmingham.
- WOODWARD, Horace, Esq., Armscot House, Arthur Road, Birmingham.
- WOOLWICH, Royal-Artillery Institution.
- WRIGHT, C. A., Esq., F.Z.S., Kayhough, Kew-Gardens Road, Kew.
- WRIGHT, Prof. E. Perceval, M.D., F.Z.S., Secretary Royal Irish Academy, Care of Messrs. Williams & Norgate.
- WRIGLEY, E. G., Esq., Manchester, Care of Mr. J. E. Cornish.
- YOUNG, John, Esq., F.Z.S., War Office, Pall Mall.
- ZOOLOGICAL Society of London, 11 Hanover Square, W.

PREFACE.

EARLY in 1870 the idea of writing a work on European Ornithology was first projected by Mr. R. B. Sharpe and myself; and before the close of that year we had arranged to undertake the present work in copartnership; but the first Part was not issued before March 1871. Twelve Parts were published with tolerable regularity, when Mr. Sharpe, who had given up his post as Librarian to the Zoological Society, and had obtained an appointment at the British Museum, found that his new duties would not allow him to continue his share of the work. He was therefore compelled to ask me to release him; and the partnership was consequently dissolved, I undertaking to continue the publication alone. His name, however, was retained on the titlepages of the parts up to Part XVII., although the articles in these Parts were written by myself, except the synonymy for Part XIII., which Mr. Sharpe had prepared before we dissolved partnership. The articles in small type on the Sparrow-Hawks, *Emberiza cia* and its allies, and on the Blue Rock-Thrushes were written entirely by Mr. Sharpe; and I am glad to be able to give the sole credit of the same to him. A portion of the synonymy was elaborated by the late Marquis of Tweeddale (then Lord Walden), such portion bearing his signature, with the exception of the synonymy of the species contained in Part XIV., which he most kindly undertook to do, as I was then rather overworked; besides, from time to time, as the work progressed, I received the greatest assistance from him in hunting up obscure references; he likewise always allowed me the use of his specimens and books whenever I required them.

The earlier Parts were published at the Office of the Zoological Society, 11 Hanover Square; and I take this opportunity of expressing my deep gratitude

to the President and Council of the Zoological Society, who most generously permitted the work to be published there, and who gave me every assistance in their power during the earlier years when I was struggling under not a few difficulties.

The latter Parts were issued from 6 Tenterden Street, where for upwards of seven years I have kept my collections and library, and where, owing to the close proximity of the rich library of the Zoological Society, I have had every opportunity of referring to the many rare ornithological works which it contains.

To the various noblemen and gentlemen who during the progress of the work assisted me with notes and the loan of specimens (whose names are mentioned so frequently in the following pages that I need not recapitulate them here) I return my heartfelt thanks. Many of these kind friends, some of whom have been my most zealous supporters, have not lived to see the work finished, amongst whom I may name T. C. Jerdon, E. Blyth, Jules Verreaux, G. R. Gray, R. Swinhoe, Andrew Anderson, Lord Tweeddale; and since I have commenced writing the present introduction, zoologists have to mourn the loss of John Gould and Edward R. Alston, one of our oldest and one of our youngest zoologists, the latter of whom will be long remembered as a most painstaking and accurate worker as well as a true friend and genial companion.

The illustrations have been executed chiefly by Mr. J. C. Keulemans, whose facile pencil has embellished so many works on ornithology. Not a few of the Raptores as well as one or two other birds have been drawn by Mr. Joseph Wolf, well known as the best of living delineators of animal life; and a few of the other Plates were executed by Mr. E. Neale. The lithographs were printed by Messrs. M. and N. Hanhart, Mr. Walter (who printed all Mr. Gould's plates), and by Messrs. Mintern Brothers; and the colouring was intrusted to Mr. Smith and Mr. Hart, the latter of whom is well known as the artist employed by Mr. Gould during the publication of all his later works. The printing has throughout been done by Messrs. Taylor and Francis. To all of these I am much indebted for the care and attention they have bestowed on the various portions of the work in which their skill was employed.

And now that the work is completed I must ask my readers to look on the result with lenient eyes. There is much that I should alter and add were I able to

rewrite many of the articles; and no one can be more keenly aware of the many imperfections and shortcomings than myself. I have often wished that I had more time to compare specimens; but had I not pressed forward as much as possible it would have been impossible to complete the work in any thing like the time expended on it; and when I state that it has been entirely written before breakfast and after evening meal, during the few hours I could spare from the arduous duties of a city life, often working late into the night, and again recommencing my labours soon after daybreak, I trust I may claim some little indulgence. At the same time it has been a labour of love to me, and one which, though so heavy, I am, now that it draws to a close, reluctant to relinquish; but I hope, if I am spared and retain the health and strength I have hitherto enjoyed to so great a degree, to continue my labours, and to bring out, after having collected sufficient material, a work on the birds of the Eastern Palæarctic Region, excluding of course those species which occur there of which I have treated in the present work.

INTRODUCTION.

ALTHOUGH ornithology has made such rapid strides during the last quarter of a century, and many excellent works have been written on the avifauna of our island, as well as of various other European countries, yet, since the publication of Gould's 'Birds of Europe,' no work has been written in the English language on the ornithology of Europe; and it was with a view to supply this want that the present work was commenced. Dr. C. R. Bree certainly published a work entitled the 'Birds of Europe,' of which a second edition has lately appeared; but it contains merely those species which have not been met with in the British Isles, and it cannot fairly be counted as a complete work on the avifauna of Europe.

In the present work I have, as will be seen, avoided taking the limits of Europe, politically speaking, as previous authors on the subject have done, but have included the whole of the Western Palæarctic Region, and have thus adopted natural instead of political boundaries. By so doing a broad strip of Northern Africa, the Azores, Canaries, and Madeira, and the major portion of Asia Minor have been added to the area which has been hitherto included by those authors who have written on European ornithology; and I have striven as much as possible to make the present work more especially a history of Western Palæarctic birds rather than a history of the birds of the Western Palæarctic Region; that is, I have excluded those species which, though they may have occurred as rare stragglers, essentially belong to extra-limital genera.

When we contemplated the publication of the present work it was remarked to us by a well-known naturalist that we should be able to add but few species to the European list; it may therefore be of interest to ornithologists to see how far this prediction has been verified, as a comparison with the previously published works on the subject will clearly demonstrate. Temminck, in his first edition of the 'Manuel d'Ornithologie,' included 336 species; but of these I deduct 12 as being either included on insufficient grounds, or else as being bad species, thus reducing the total to 324. In his second edition he included 510 species, many of which were certainly extra-limital, and some of them not valid species; and deducting these, 48 in number, there remain only 462.

Gould includes 449 species; but of these the following, viz. *Emberiza lesbia*, *Tetrao hybridus*,

Lagopus brachydactylus, *Uria lachrymans*, *Mormon fratercula*, *Phalacrocorax cristatus*, *Phalacrocorax desmarestii*, appear to me to be bad species, and fifteen others, viz. *Nauclerus furcatus*, *Bubo ascalaphus*, *Ulula nebulosa*, *Turdus migratorius*, *Parus bicolor*, *Fringilla hyemalis*, *Corythus longicauda*, *Erythrospiza rosea*, *Sitta asiatica*, *Ciconia maguari*, *Totanus macularius*, *Mergus cucullatus*, *Sterna stolidus*, *Larus atricilla*, and *Puffinus obscurus*, are included on insufficient evidence; hence his total number is reduced to 427.

Degland and Gerbe, who included a larger area, taking in the Caucasus and a portion of Asia Minor, increased the list of European birds to 531; but of these five, viz. *Certhia brachydactyla*, *Linota borealis*, *Puffinus yelkouan*, *Sterna paradisea* (which they describe as distinct from *Sterna dougalli*), and *Podiceps longirostris*, are not good species, and thirty-eight others, viz. *Otogyps auricularis*, *Haliaëtus leucocephalus*, *Falco concolor*, *Bubo ascalaphus*, *Ceryle alcyon*, *Carpodacus roseus*, *Fringilla spodiogena*, *Emberiza striolata*, *Otocorys bilopha*, *Turdus olivaceus*, *Turdus migratorius*, *Turdus minor*, *Turdus solitarius*, *Turdus swainsoni*, *Ectopistes migratorius*, *Actitis macularia*, *Symphemia semipalmata*, *Grus antigone*, *Balearica pavonina*, *Ardeola sturmi*, *Ibis religiosa*, *Fregata marina*, *Phaeton aethereus*, *Diomedea exulans*, *Diomedea chlororhyncha*, *Procellaria capensis*, *Puffinus obscurus*, *Larus leucophthalmus*, *Larus atricilla*, *Larus bonapartii*, *Sterna bergii*, *Bernicla canagica*, *Chenalopez ægyptiaca*, *Mareca americana*, *Querquedula discors*, *Fulix collaris*, *Mergus cucullatus*, and *Fratercula corniculata*, are either birds inhabiting North Africa, which do not appear to have really occurred north of the Mediterranean, or else they are species inhabiting other zoogeographical regions which have been included as stragglers on insufficient evidence. Deducting these, the total number of species included by Degland and Gerbe amounts to 488.

In the present work I include 623 species, or, adding *Pratincola maura*, which I have since found to be a good species, 624 species in all; but of these, 10 species are restricted to the Atlantic islands and 27 to North Africa: deducting these there remain 586 species inhabiting Europe and the portion of Asia Minor which belongs to the Western Palæarctic Region, or 98 more than are included by Degland and Gerbe, 126 more than are in the second edition of Temminck's 'Manuel d'Ornithologie,' and 159 more than Gould has in his 'Birds of Europe.' Nor is the subject by any means exhausted; for it appears probable that the number of European or, rather, Western Palæarctic species may ere long be considerably increased as ornithological research is pushed in the Caucasus and Asia Minor.

Professor Bogdanoff has lately published in the 'Proceedings' of the Kazan Naturalists' Society (viii. part iv. p. 196, 1879) a list of the birds of the Caucasus, in which he includes the following species as new to the European avifauna, viz. *Buteo menetriesi*, Bogd., *Sturnus nitens*, Hume, *Hesperiphona carneipes*, Hodgs., *Montifringilla alpicola*, Pall., *Emberiza huttoni*, Blyth, *Parus phænotus*, Blanf., *Parus michalowskii*, Bogd., *Pæcile brandtii*, Bogd., *Erithacus hyrcanus*, Blanf., *Daulias hafizi*, Severtz., *Picus polzami*, Bogd., and *Sitta rupicola*, Blanf. Of these, as will be seen, four are new species. These I have not yet had an opportunity of examining, and

I therefore cannot pass an opinion on them with any degree of certainty; but *Buteo menetriesi* appears to me to be exceedingly close to, if not identical with, *Buteo desertorum*. *Sturnus nitens*, Hume, from the Caucasus, may possibly prove to be *Sturnus purpurascens*, Gould, which species is not included by Professor Bogdanoff; and I do not think that *Montifringilla alpicola* can be fairly separated from *Montifringilla nivalis*. Professor Bogdanoff remarks that *Gecinus saundersi*, Tacz. (J. f. Orn. 1878, p. 349), is a mere variety of *Gecinus viridis*, and certainly not a valid species, and must therefore be expunged from the list. *Hesperiphona carneipes*, *Emberiza huttoni*, *Parus phæonotus*, *Erithacus hyrcanus*, *Daubias hafzi*, and *Sitta rupicola* are all inhabitants of Persia; and it is therefore not to be wondered at that they should also be met with in the Caucasus.

Hitherto the few works that have been written on the ornithology of Europe have included those species only which occur north of the Mediterranean and the Dardanelles and west of the Ural range, none of the Atlantic islands being included; but the present work embraces all the species found in the Western Palæarctic Region. This region comprises the whole of continental Europe to the Ural range, Scandinavia, Spitzbergen, the British Isles, Iceland, the Færoes, the Azores, Madeira, and the Canary Isles, a comparatively narrow strip of North Africa, reaching to the border of the desert, Asia Minor (excluding the Jordan valley, which is essentially Ethiopian), and the Caucasus. The northern and western boundaries of this region are clearly enough defined; but the eastern and southern ones are far more difficult to fix.

The eastern boundary which I have adopted consists of the Ural range of mountains and river, from the extreme northern portion of that range down to the mouth of the Ural river, from whence it skirts along the western shores of the Caspian down to the frontiers of Persia, where an imaginary line is drawn across to the Euphrates, and thence southward along the borders of the Arabian desert, so as to include Syria and Arabia Petræa down to the Red Sea; but from this I exclude the Jordan valley, which is, as shown by Canon Tristram, essentially Ethiopian.

In fixing on the above boundary I have been obliged to cut in two, as it were, the Persian subregion; for in this subregion Asia Minor and Syria as well as the whole of Persia have been included; but I do not see how I could have done otherwise, except by relegating Asia Minor and Syria to the Eastern Palæarctic Region, which would not have been feasible.

The Tropic of Cancer appears to be the best southern boundary of the region; that is, it extends to the first cataract of the Nile, in Eastern Africa, and about as far as the Ouro river on the western side of that continent. As, however, I have striven as much as possible to make the present work a history of Western Palæarctic birds, rather than a history of the birds of the Western Palæarctic Region, so as to include every species that has been met with within the borders of that region, I have deemed it advisable to exclude some few species, which, although they have straggled within the above limits, yet are purely Ethiopian, or else belong to essentially extra-limital genera. Amongst these I may enumerate *Amydrus tristrami*, *Nectarinia*

osea, *Passer moabiticus*, *Caprimulgus tamaricis*, and *Ketupa ceylonensis* (which have occurred in the Jordan valley and Palestine), *Struthio camelus*, *Pterocles exustus*, and *Pterocles senegallus* (which have been met with in Palestine, Egypt, and Algeria), *Bubo ascalaphus* and *Ammoperdix heyi* (which are recorded from the Jordan valley and Egypt), *Pycnonotus arsinoë*, *Crateropus acaciæ*, *Nectarinea metallica*, *Motacilla vidua*, *Centropus ægyptius*, *Accipiter gabar*, *Gypaetus nudipes*, *Pterocles coronatus*, *Ægialitis pecuaria*, *Rhynchæa capensis*, *Chenalopax ægyptiaca*, *Sula cyanops*, *Sterna bergii*, *Rhynchops flavirostris*, and *Larus leucophthalmus* (which occur in Egypt, some having been met with as far north even as the Nile delta), *Falco concolor*, *Otogyps nubicus*, and *Ibis athiopica* (which have been recorded from Egypt and Algeria), *Falco chiquera*, *Fringillaria sahariæ*, *Stoparola deserti*, *Drymæca saharae*, *Balearica pavonina*, *Ardea gutturalis*, *Hæmatopus moquini* (which have occurred in Algeria), *Eupodotis arabs* (which has been obtained in Algeria and Morocco), and *Melierax polyzonus* (which has occurred in Morocco).

Falco babylonicus is said to have been met with in Egypt; but this species is so very closely allied to *Falco barbarus*, if indeed it can fairly be separated, that it appears probable that the bird obtained may have belonged to the latter species. *Alcedo bengalensis* appears also to straggle into the extreme south-eastern portion of the Western Palæarctic Region; but I have not included it, as it is essentially an Eastern Palæarctic bird.

The Western Palæarctic includes the whole of subregion I. and the major portion of subregion II., being two of the four subregions into which the Palæarctic Region has been subdivided. Subregion I. (the European subregion) embraces Central and Northern Europe, and is bounded on the south by the Pyrenees, the Alps, the Balkans, the Black Sea, and the Caucasus range, and by the Ural range on the east; and it includes on the north and west Spitzbergen, Iceland, and the British Isles.

Although it differs from the Siberian subregion in having a more genial climate and being more free from the extremes of heat and cold, yet many of its characteristic genera of birds are such as may also be quoted as characteristic of the Siberian subregion, or at least of the northern and central portion of that subregion. Amongst these I may name *Turdus*, *Erithacus*, *Daulias*, *Sylvia*, *Melizophilus*, *Phylloscopus*, *Hypolais*, *Locustella*, *Accentor*, *Panurus*, *Acredula*, *Tichodroma*, *Motacilla*, *Carduelis*, *Coccothraustes*, *Passer*, *Montifringilla*, *Emberiza*, *Pyrrhacorax*, *Nucifraga*, *Perisoreus*, *Gecinus*, *Iynx*, *Gypaëtus*, *Eudromias*, and *Terekia*. In the extreme southern portion of this subregion one finds in the elevated mountain-ranges of the Pyrenees, Alps, and Carpathians one or two species which are peculiar to that portion of the subregion—as, for instance, *Tichodroma muraria*, *Montifringilla nivalis*, and *Pyrrhacorax alpinus*; and *Gypaëtus barbatus* inhabits no other portion of the subregion. The northern portion of this subregion is inhabited by a considerable number of characteristic species which range round the northern portions of the entire globe, or else are represented in the northern portion of the Nearctic Region by very closely allied forms. Amongst these I may enumerate the following, which have a circumpolar range, viz. *Certhia familiaris*, *Cotile riparia*, *Ampelis garrulus*, *Linota*

linaria, *Linota exilipes*, *Pinicola enucleator*, *Plectrophanes lapponicus* and *Plectrophanes nivalis*, *Otocorys alpestris*, *Pica rustica*, *Corvus corax*, *Strix flammea*, *Asio accipitrinus*, *Nyctea scandiaca*, *Nyctale tengmalmi*, *Aquila chrysaetus*, *Falco gyrfalco*, *Falco candicans* and *Falco peregrinus*, *Pandion haliaetus*, *Phalacrocorax carbo*. Besides these, *Loxia curvirostra* and *L. bifasciata* are represented in the Nearctic Region by *L. americana* and *L. leucoptera*, both very closely allied forms; and the following are also represented in the Nearctic Region by species so closely allied that they may be treated as only climatic varieties, viz. *Asio otus* by *Asio americanus*, *Syrnium lapponicum* by *S. cinereum*, *Surnia ulula* by *Surnia funerea* (which latter has also occurred in Europe as a rare straggler), *Astur palumbarius* by *Astur atricapillus*, *Falco æsalon* by *Falco columbarius*. I may also remark that *Phylloscopus borealis* and *Motacilla flava*, which species range right across the northern portion of the Palæarctic Region, have occurred in the north-western portion of the Nearctic Region.

Amongst the Herodii only one species, *Nycticorax griseus*, has a circumpolar range; but *Ardea alba* and *Ardea garzetta* are represented in the Nearctic Region by two closely allied species, *A. egretta* and *A. candidissima*.

The Anseres are, as may be imagined, very widely distributed—two species of the genus *Bernicla*, one of *Chen*, one each of *Anas*, *Querquedula*, *Chaulelasmus*, *Spatula*, *Dafila*, *Mareca*, *Fuligula*, *Clangula*, *Cosmonetta*, *Harelda*, and *Ædemia*, three of *Somateria*, and two of *Mergus* having a circumpolar range.

The genus *Lagopus* is essentially circumpolar in its range, although only one species (*Lagopus albus*) is found throughout the circumpolar region. Of the Grallæ, *Gallinula chloropus* is found right round the globe, though it does not range further north than to about 60° N. lat.; but *Fulica atra* is replaced by a closely allied species, *Fulica americana*, in the Nearctic Region.

Of the Charadriidæ the only European representatives of the genera *Squatarola* and *Strepsilas* have a circumpolar range; and the American Golden Plover is scarcely separable from *Charadrius fulvus*; but our Oyster-catcher is replaced in North America by *Hæmatopus palliatus*.

Amongst the Scolopacidæ many species are found on both continents; two of the genus *Phalaropus*, three of *Tringa*, and one *Calidris* have a circumpolar range, whereas four of *Tringa*, one *Tryngites*, one *Bartramia*, one *Machetes*, one *Macrorhamphus*, and one *Numenius* have been recorded from both the Nearctic and Palæarctic Regions, most of them being inhabitants of the former, and mere stragglers to the latter region.

As might be expected, the Gaviæ, Tubinares, Alcæ, and Pygopodes are largely represented in both the Palæarctic and Nearctic Regions—there being seven species of the genus *Sterna*, one *Hydrochelidon*, one *Xema*, one *Rhodostethia*, one *Pagophila*, five of the genus *Larus*, three of *Stercorarius*, both species of *Procellaria*, one *Oceanites*, three of *Puffinus*, one *Fulmarus*, one

Æstrelata, one *Alca* (besides *Alca impennis*, which is now extinct, and which used to occur also off the American coasts), two species of *Lomvia*, one *Uria*, one *Mergulus*, and one *Fratercula* common to the coasts of the Nearctic and Palæarctic Regions.

Of the Colymbidæ, *Colymbus glacialis*, *C. arcticus*, and *C. septentrionalis* are all common to both continents; and of the Podicipitidæ, two of the five Western Palæarctic species, viz. *Podiceps griseigena* and *P. auritus*, are found in the Nearctic Region also.

On the islands of this subregion there are, as might be anticipated, several local forms. On Spitzbergen a peculiar form of Ptarmigan (*Lagopus hemileucurus*) is found. *Troglodytes borealis*, a distinct form of our Wren, inhabits the Færoe Islands and Iceland; and the Starling of the Færoe Isles, though not specifically separable from the common Starling, almost always has a larger and stouter bill. Great Britain possesses two species which do not occur elsewhere, *Parus britannicus* and *Lagopus scoticus*; and a third species, *Acredula rosea*, which is common and resident on our islands, has a very restricted range on the continent of Europe. Not a few species straggle westward into this subregion from the Siberian subregion, as for instance amongst the Turdinæ *T. naumanni*, *T. dubius*, *T. ruficollis*, *T. obscurus*, *T. varius*, *T. atrigularis*, amongst the Sylviinæ *Calliope camtschatkensis*, *Nemura cyanura*, amongst the Phylloscopinæ *Phylloscopus superciliaris*, *P. tristis*, and *P. plumbeitarsus*—*Phylloscopus borealis*, a common Eastern Palæarctic species, being a summer resident in the eastern portion of the present subregion, as are also *Acrocephalus agricola*, *A. dumetorum*, *Motacilla citreola*, and *Anthus gustavi*. Of the Emberizinæ *Emberiza chrysophrys* and *E. leucocephala* are stragglers from the Eastern Palæarctic Region, as are also *Acanthyllis caudacuta*, *Bernicla ruficollis*, *Querquedula formosa*, *Q. falcata*, *Turtur orientalis*, *Syrnhaptes paradoxus*, *Grus leucogeranus*, *Otis macqueeni*, and *Charadrius fulvus*.

Subregion II. of the Western Palæarctic Region, the so-called Mediterranean subregion, includes all the countries south of the Pyrenees, Alps, Balkans, and Caucasus range, a broad strip of North Africa extending to the first cataract of the Nile, and the Azores, Madeira, and Canary Islands. The climate in this subregion is much warmer than it is in Subregion I., and the entire country much more fertile; therefore the avifauna is more varied, and there are many stragglers from the neighbouring Ethiopian Region. The representative genera are tolerably numerous; and amongst them I may enumerate *Cossypha*, *Aedon*, *Lusciniola*, *Cettia*, *Cisticola*, *Drymæca*, *Argya*, *Ægithalus*, *Pycnonotus*, *Telephonus*, *Erythrospiza*, *Certhilauda*, *Calandrella*, *Rhamphocorys*, *Pastor*, *Halcyon*, *Ceryle*, *Merops*, *Coccytes*, *Scops*, *Gyps*, *Vultur*, *Neophron*, *Nisaetus*, *Pelecanus*, *Ibis*, *Plegadis*, *Phænicopterus*, *Erismatura*, *Pterocles*, *Phasianus*, *Ammo-perdix*, *Francolinus*, *Tetraogallus*, *Turnix*, *Porphyrio*, *Pluvianus*, *Chettusia*, and *Hoplopterus*, many of these being largely represented in the Ethiopian and Indian Regions also. Owing to the mildness of the climate in this subregion, most of our summer migrants and many of the Central-European summer residents retire into its southern districts to pass the winter.

A noteworthy peculiarity of the present subregion is the presence, in its eastern portion, of

the Jordan valley, a long strip of country, greatly depressed, which is strictly tropical in climate, and which belongs to the Ethiopian Region. Here one finds several purely non-European forms, such as *Nectarinea osea*, *Amydrus tristrami*, *Ketupa ceylonensis*, and *Struthio camelus*, which I have consequently excluded from the present work.

On the islands included in this subregion are several representative species not found elsewhere, as for instance *Regulus maderensis*, *Anthus bertheloti*, *Serinus canarius*, *Fringilla tintillon*, *Fringilla teydea*, *Pyrrhula murina*, *Cypselus unicolor*, *Columba bollii*, *Columba laurivora*, and *Columba trocas*; and the Blackcap of the Azores is subject to melanism in those islands, which does not appear to be the case elsewhere. Although so far distant from the continent of Europe, the Azores being quite alone in mid Atlantic, the fauna of these islands is strictly Palæarctic, and it would appear that they have been peopled chiefly by stragglers from the continent of Europe, in proof of which Mr. Godman points out that the bird population is most abundant in the islands of the Azorean group which are nearest to Europe and Africa.

Mr. Wallace includes the Cape-Verd Islands in the Palæarctic Region, and remarks (Geogr. Distrib. of Anim. i. p. 215) that, though there is a mingling of the two faunas (Palæarctic and Ethiopian), "the preponderance seems to be undoubtedly with the Palæarctic rather than with the Ethiopian. I owe to Mr. R. B. Sharpe, of the British Museum, a MS. list of the birds of these islands, twenty-three species in all. Of these, eight are of wide distribution, and may be neglected; seven are undoubted Palæarctic species, viz. *Milvus ictinus*, *Sylvia atricapilla*, *S. conspicillata*, *Corvus corone*, *Passer salicarius*, *Certhilauda desertorum*, *Columba livia*; three are peculiar species, but of Palæarctic genera and affinities, viz. *Calamoherpe brevipennis*, *Ammomanes cinctura*, and *Passer jagoensis*. Against this we have to set two West-African species, *Estrilda cinerea* and *Numida meleagris*, both of which were probably introduced by man, and three which are of Ethiopian genera and affinities, viz. *Halcyon erythrorhyncha*, closely allied to *H. semicærulea* of Arabia and North-east Africa, and therefore almost Palæarctic, *Accipiter melanoleucus*, and *Pyrrhulauda nigriceps*: [the last two] are Ethiopian forms; but the same species occur in the Canaries." According to this there is much to be said in favour of extending the Mediterranean subregion to include the Cape-Verd Islands; but, after carefully considering the matter, I have deemed it inexpedient to do so.

It is chiefly during the seasons of migration that the rarer stragglers are met with within our limits, and, as a rule, more frequently in the autumn than in the spring. Migration is a subject which has only been investigated with any degree of care during the last few years; and as yet, comparatively speaking, but little is known respecting it. We have arrived at the knowledge of the fact that our Swallows pass the winter in South Africa and do not hibernate, and that the Cuckoo does not become a Sparrow-Hawk in the winter, as was firmly believed within the last hundred years; but we have yet much to learn. Mr. Gätke has, during his long residence in the island of Heligoland, collected a fund of information on the subject, and has probably done more than any one else to further our knowledge on this subject; and I may

especially refer to Mr. Seebohm's chapter on migration in his 'Siberia in Europe' (pp. 242-261), the materials for which were to a large extent obtained from Mr. Gätke. I quite agree with Mr. Seebohm that the desire to migrate is an hereditary impulse which has, during the lapse of ages, acquired a force almost as irresistible as the instinct to breed in the spring; but temperature, as well as the lack of superabundance of food, may have to do with migration, and cannot be disregarded. Thus, during unusually mild winters some even of our insectivorous soft-billed birds remain in their breeding-haunts instead of passing southward with the rest of their congeners, and the Chiffchaff has been known to winter in Great Britain. With us also several species are resident which on the continent of Europe are true migrants—a fact to be explained by the mildness of our winters compared with those in the northern portions of continental Europe; for with us they are able to find sufficient food during the winter, whereas in the north of continental Europe they would probably be starved out ere long. The soft-billed insectivorous birds appear to be the most persistent migrants, as they feed almost solely on insects. The Tits, which feed on insects and vegetable diet also, are to a large extent only partial migrants or, in some places, residents. Where they find a sufficiency of food they remain all the year round; but when food becomes scarce they lead a rambling, gipsy life, sometimes not travelling far, and at others migrating to some distance. In countries where they are permanently resident they develop into local races, or even fairly distinct species; thus our English Coal Titmouse has become in the course of time quite easily separable from *Parus ater*, its continental ally, and has been separated under the name of *Parus britannicus*; and the Blue Titmouse of North Africa, *Parus teneriffæ*, has diverged from *Parus cæruleus* into a perfectly good species. The Dippers afford another instance of this; for although they are exclusively insectivorous, they are able to obtain a sufficiency of food without migrating to southern climes, and are therefore residents, or only straggle from one stream to another, seldom traversing any considerable distance. Consequently they have merged into several closely allied though fairly separable forms, of which we have in Europe alone three, *Cinclus melanogaster*, *Cinclus aquaticus*, and *Cinclus albicollis*. Our common Chaffinch, *Fringilla cælebs*, which is a migrant in most parts of the tract over which its range extends, is represented in the north of Africa and in the Azores by two closely allied but perfectly distinct species, *Fringilla spodiogena* and *Fringilla tintillon*, both of which are non-migratory, and consequently have in the course of time become specifically separable. The common Turtle Dove is also replaced in North-east Africa by a form (*Turtur isabellinus*) which evidently has sprung from the same parent stock, but which, being resident in that portion of Africa, has become a perfectly valid and well-separated species.

It is especially noteworthy that the young birds of the year are the first to migrate south in the autumn, and not, as one would at first suppose, the old birds; and this may account for the fact that so many of our rarer visitants appear in the autumn and are young birds, probably such as have wandered out of the direct course. It appears also that birds when migrating

travel at a great altitude, and migration takes place chiefly during the night. Mr. Seebohm (op. cit. p. 255) says:—"The period of migration of each species lasts about a month. In spring during the first week the flocks consist principally of adult males; during the second week they principally consist of adult females; in the third week follow the birds of the year; whilst finally, during the last week, arrive the cripples—birds which have lost their toes, birds with half a tail, birds with one mandible abnormally long, or birds with some other defect. In autumn the order of migration is somewhat different. For weeks before the regular period of migration is due stragglers in various stages of plumage arrive, loaf about in a desultory manner for a few days, and then disappear. Some of these birds are in summer plumage, some of them in their winter dress, whilst others are in a transition stage, moulting as they migrate. These *avant-couriers* are supposed to consist of barren birds, odd birds who have been unable to find a mate, or birds whose nests have been destroyed too late in the season to allow a second nest to be made. Having nothing else to do, the hereditary instinct to migrate not being checked by the parental instinct, they yield to its first impulses, and drift southwards before the general body of their species. When the period of migration sets in in earnest, astounding as the fact is, it is nevertheless true, that the birds of the year are the first to migrate, birds which of course have never migrated before. This circumstance, which all the Heligolanders with whom I conversed agreed in corroborating, may, to a large extent, account for the fact that the rare stragglers recorded as visiting Heligoland and other countries are for the most part birds of the year on their first autumn migration. It is not to be wondered at that on their first journey they should frequently stray from the direct course. Probably the mortality amongst birds of the year is very great, especially amongst those who take the wrong road on their first migration." The line of migration is certainly not invariably from the south to the north in the spring, and in the contrary direction in the autumn, as was supposed by some naturalists, but the direction is frequently diagonal. Gätke informed Mr. Seebohm that in his opinion the direction taken by some species is east and west, whereas Aeuckens, the birdstuffer on Heligoland, maintained that birds migrate north-east in spring and south-west in autumn; and this latter hypothesis appears to me to be in many cases correct; for when in Southern Spain in May I observed large numbers of Grey Plovers, Little Stints, and Pygmy Curlews, birds which certainly breed in the extreme north-east of Europe and in Northern Asia, passing in a north-easterly direction, most of them being in almost full breeding-dress. That the line of migration taken in the spring differs from that taken in the autumn reversed, seems certain, at least to a large extent, to judge from the fact that many species which occur on the shores of Great Britain in the spring in considerable numbers, are seen, only in much smaller numbers, in the autumn, and *vice versa*.

A most interesting communication relative to the migration of birds has lately been published by Mr. W. E. D. Scott (Bull. Nutt. Orn. Club, 1881, pp. 97-100), clearly showing that birds not only migrate by night, but at a very great altitude, say of from one to four miles

above the earth, at which height they are able to distinguish the prominent features of the landscape, such as coast-lines, the principal watercourses, mountain-chains, &c. They usually migrate during clear weather, when they can discern the landmarks on the earth below them—supposing that they are to some extent guided by landmarks; and if this is the case the bewilderment they exhibit when thick weather sets in is explained by the fact that, their landmarks being obscured, they are at a loss to know what course to pursue, and consequently descend to the nearest resting-place on the earth. At the same time I must add that, it appears to me, the hypothesis that birds are guided by landmarks below them is not confirmed by more recent observations. Mr. Scott made his observations when looking at a number of objects through the nine-inch equatorial at the astronomical observatory at Prince Town, New Jersey, in October 1880, when, the night being clear, he could see the birds passing across the field of observation clearly defined against the bright background.

The above statement as regards the altitude at which birds travel has been corroborated by Mr. Gätke, who has come to the same conclusion from careful observations made on Heligoland during nearly forty years. I lately spent a week on Heligoland, and was astonished to see the mass of information on the subject he has collected, and which will ere long be published in a work he is on the eve of issuing, which will be a most valuable essay on the difficult and so little understood subject of migration. He believes, and (as far as I could judge by a glance through his rough notes) on excellent grounds, that birds migrate at an altitude of from one (at least) to two miles above the earth, and that they travel at a speed far above what has hitherto been surmised—the heavy Hooded Crow even attaining a speed of fully twenty-seven geographical miles per hour, and many other species travelling at a much greater speed. He surmises that the Red-spotted Bluethroat (*Cyanecula suecica*) passes from North Africa to Heligoland in a single night, which gives a rate of locomotion of about forty geographical miles per hour, a speed which he believes may easily be attained at altitudes where the air, being so rarefied, offers, comparatively speaking, so little resistance; and it is certainly true that the first point north of its winter quarters where this bird is found in considerable numbers is Heligoland. In a letter to Professor Baird, of which he gave me a copy, he makes some interesting remarks on the subject of migration, which I may transcribe as follows, especially as he is strongly of opinion that birds are not in the least influenced by the contour of the countries over which they pass in the choice of the direction they take. He says:—“That the direction of the course of wandering birds should be influenced by river-courses or mountain-chains is a point which I do not agree to, at least so far as Europe comes under contemplation. Here during the fall the route of miscellaneous species is so varied that the two principal hosts cross each other at right angles, one great mass progressing due west from the furthest east of Asia (e. g. *Anthus richardi*, *Sylvia superciliosa*) and continue their course to Heligoland, England, France, and Spain. Besides these, all the rare autumnal visitors come here from the far east of Asia, which proves that there must be with birds of these regions a strong inherent tendency to a western migration, even in species

whose real winter quarters are in the south of India down to the Sunda Isles, as, for instance, the two named above. This line of flight diverges abruptly to the north when approaching the Atlantic, in England, Western France, and Spain; *vide* the immense numbers crossing the Straits of Gibraltar.

“This westerly current is cut at right angles by another host coming simultaneously down from the extreme north of Europe and Asia, and steering due south for their winter quarters, viz. the Willow-Warblers, *Phylloscopus trochilus* and *rufus*, which go from the North Cape of Scandinavia to the Cape of Good Hope, *P. tristis* and *borealis* from Northern Europe and Asiatic Russia down to the south of India and China. The latter, together with *Falco rufipes*, *Motacilla citreola*, *Anthus cervinus*, *Emberiza aureola*, and *Limosa cinerea*, all plentifully breeding so close to Heligoland as the Onega, Dvina, Mezen, and Petchora districts, but still never, or very rarely, turning up here during their autumnal flights, proves in itself their southern course, without the least western inclination, even if they were not observed down the Ural, the Black Sea, Turkestan, &c. The most striking instance of such a movement is seen in *Sylvia philomela*, which breeds in the south of Sweden, and nevertheless has been observed here but once during the last forty years. A few can be pointed out as going from north-east to south-west, namely *Sylvia suecica* and *Alauda alpestris*. These and all the others enumerated are joined by hosts of the more common ‘million,’ which are spread far and wide over the entire Northern Palæarctic Region.

“What under such circumstances becomes of the routes of birds by river-courses or mountains? How many great rivers *Anthus richardi* has to cross, almost at right angles, during his autumnal flight from Dauria to France and Spain! I maintain that the migratorial movement, particularly the vernal one, when in normal progress, is performed by the great majority of birds far beyond the conception of man, and that what we see of the same are but the irregularities and interruptions thereof, brought about by atmospheric agencies. Your opinion that the spring line of flight is widely different from that of the fall, I most completely participate in. All the different routes enumerated in the foregoing are dropped, and a more or less direct course toward the polar regions adopted—the wide front of the winter quarters, extending from the west of Africa to the east of China, the Philippines, Borneo, &c., concentrating during this northerly passage to less than half its original stretch.

“A proof of this latter assertion is rendered by the fact that of all the eastern birds which visit Heligoland during their autumnal migration none appear during their return journey, the track to the south which terminated their western flight having brought them to far lower latitudes; while in spring, as they pursue a direct course to their northern breeding-grounds, they leave all these western countries to their left.

“While the ‘rare birds’ here during the autumn are, without exception, eastern species, those of the spring are as uniformly from the south-east—Greece, Asia Minor, Turkestan, &c. Singular it is that almost no exceptional bird has come here from the south or west, *i. e.* so far

as the 'Old World' is concerned. In what eminent manner the 'far west' is represented, I have told you at an earlier period.

"And this leads me to the route which American birds follow to Europe. I do not much lean to the supposition that storms have in any considerable degree to do with such extra tours; and why Newton and others advance so strongly the Greenland, Iceland, &c. route I cannot comprehend. I fancy they never contemplated the possibility of a bird coming in a direct line from Newfoundland to Ireland—in other words, that a bird might be able to sustain an uninterrupted flight sufficient to carry it across the Atlantic. My researches have led me to the belief that such is not alone far from being impossible, but that the probability of such a fact, wonderful as it may appear, is borne out by good evidence."

It is somewhat remarkable that so many American species should have been obtained on this small island; and I may mention that in Mr. Gätke's unique collection I observed fine examples of *Turdus migratorius*, *Turdus swainsoni*, *Mimus carolinensis*, *Harporhynchus rufus*, *Dendroica virens*, and *Charadrius virginicus*, which species I have not deemed it advisable to include in the European avifauna.

One subject that is worthy of especial notice is the variation in coloration of plumage in many species; and it is a difficult matter to decide whether these forms should be treated as distinct species or only as climatic varieties of the same species. Amongst these I may enumerate *Phylloscopus superciliosus* and *Phylloscopus humei*, *Phylloscopus viridanus* and *Phylloscopus nitidus*, which differ merely, and but very slightly, in tint of plumage. One observes these differences in tint of plumage more especially on islands. On those which are at some distance from the mainland, where the sun is often obscured, and the atmosphere is dull and heavy, the plumage of the brighter-coloured birds is more sober and dull. Our Greenfinch under the bright skies of Southern Europe and North Africa becomes so richly coloured that it has been described as a distinct species; and our common Linnet, *Linota cannabina*, in South-eastern Europe and Asia Minor is very much brighter in tint of colour; and so richly coloured are specimens from Gilgit that Dr. Scully is inclined to separate specifically the birds obtained there. I was also much struck with the rich and deep coloration of the specimens obtained by him of *Carpodacus erythrinus*, which are much darker and deeper in tint of coloration than any I have seen. Examples from India are, as a rule, more pink and paler than those from Eastern Europe; but those obtained by him are darker and much redder than any I have seen from Europe. Another species that varies widely according to the locality where it is procured is *Galerita cristata*; and it is only by collecting together a large series from various localities that one can prove that all the various forms are mere varieties, excepting *Galerita isabellina*, which inhabits the desert portion of North Africa, and is a pale sandy-coloured but constant form of our Crested Lark, and *Galerita macrorhyncha*, which has become specifically separable from *Galerita cristata*. In many species which frequent the desert region one finds forms not differing from examples of the same species found in more fertile regions, except in tone of

colour; thus three desert forms of the Chukar Partridge have been described by Mr. Hume as distinct species, under the names of *Caccabis pallidus*, *C. pallescens*, and *C. arenarius*, none of which appear to me to be worthy of specific rank. American ornithologists have of late adopted the plan of designating such by means of trinomial appellations, and would call these three forms *Caccabis chukar pallidus*, *Caccabis chukar pallescens*, and *Caccabis chukar arenarius*; but this appears to me a highly objectionable retrograde step, as it will only tend to make the study of ornithology more difficult instead of simplifying matters.

It will be necessary to make a few remarks relative to the classification I have adopted in the present work, especially as I have departed from that which has hitherto been so universally employed by authors who have written on European ornithology. Recent research has shown that the old Cuvierian system of classification, in which the Raptores head the list, cannot stand; and it is universally conceded that a fresh classification is absolutely necessary. Having carefully considered the matter, I came to the conclusion that Professor Huxley's classification of birds is undoubtedly the best in principle, especially as it is the one which anatomists agree in adopting; I have therefore made use of it, though in so doing I have, as will be seen, adopted his principle rather than his practice, and have accepted the modifications which have been suggested since his first paper on the subject, and more especially those proposed by Mr. Sclater, who appears to have been the first to make practical use of Professor Huxley's system, and has done much to popularize it. An article recently published by him (*Ibis*, 1880, pp. 340–350, and 399–411) gives the outlines of this classification of birds; and I may refer such of my readers as may wish for further details respecting the same to it. The basis of this system of classification was first proposed by Professor Huxley in 1867 (*P. Z. S.* 1867, pp. 415–472), in a paper "On the Classification of Birds; and on the Taxonomic Value of the Modifications of certain of the Cranial Bones observable in that Class." In this paper he points out that birds are so nearly allied to reptiles in all the essential and fundamental points of their structure that to associate them into one primary group of the Vertebrata, the Sauropsida, as formerly proposed by him, is a necessity; and in proof of this he enumerates the principal points in which Aves and Reptilia agree with one another and differ from the Mammalia. Having arrived at the conclusion that the class Aves, while well enough defined from all existing Reptilia, is more closely connected with this class than with any other, he proceeds to divide it into three orders—the Saururæ, the Ratitæ, and the Carinataæ. The first of these is represented by the solitary fossil *Archæopteryx*, and has no representative at present in existence; the second class, the Ratitæ, contains the Struthious birds, which have no keel developed on the sternum; and the third class embraces all existing birds except the Ratitæ, which have the sternum keeled, and ossified from a median centre in that keel, as well as from lateral paired centres. Of these three classes the Carinataæ alone are represented in Europe; and therefore with them only are we concerned. These birds are divided by Professor Huxley into four suborders, according to the peculiarities in the arrangement of the palatal bones, as these characters, being independent

of external circumstances, must have arisen from genetic divergences. Of these suborders three, viz. *Ægithognathæ*, *Desmognathæ*, and *Schizognathæ*, are represented in our region, the *Dromæognathæ* containing only the Tinamous, which are exclusively Neotropical birds. For these orders and suborders I have not used the same titles as were bestowed on them by Professor Huxley; but here I have followed Mr. Sclater in modifying the classification, and in using such of the names already in use among ornithologists as can fairly be woven into the new system.

The *Ægithognathæ* and *Schizognathæ* have the maxillo-palatine bones free and separate from one another, not joining in the middle line, the first of them having the anterior end of the vomer truncated or cut off nearly square, and the second having the vomer pointed in front; whereas the *Desmognathæ* have the maxillo-palatines united in the middle line. In the article above quoted Professor Huxley arranges the *Schizognathæ* first, then the *Desmognathæ*, and concludes with the *Ægithognathæ*; but he subsequently (*Anat. of Verteb. Anim.* pp. 233–255) modified his ideas to some extent, and in his arrangement commenced with the *Schizognathæ*, then following with the *Ægithognathæ*, and concluding with the *Desmognathæ*. I have, however, deemed it expedient to follow Mr. Sclater, and have therefore commenced with the *Ægithognathæ*, then taking the *Desmognathæ*, and concluding with the *Schizognathæ*; for in any case it appears most advisable to an ornithologist to head the list with the *Passeres*. To arrange the different families in linear order is a simple impossibility; for a scheme of classification must be compared to a genealogical tree, of which the trunk and the bases of its main branches are buried in the waters of obscurity, and the smaller branches alone are seen above the surface; therefore one must take one of the branches from as near the base as we can now trace it, and follow it up to its smaller branches and leaves, and then, relinquishing it, go to work on another in the same manner. In this way each must separately be treated; and by so doing the apparent incongruity of ranging widely different species next to each other vanishes; for the one will be found to spring from a totally different branch from the other.

In this manner I have subdivided the *Ægithognathæ* into three orders, viz. *Passeres*, *Macrochires*, and *Pici*; the *Desmognathæ* into five orders—*Coccyges*, *Accipitres*, *Steganopodes*, *Herodii*, and *Anseres*; and the *Schizognathæ* into eight, viz. *Columbæ*, *Gallinæ*, *Grallæ*, *Limicolæ*, *Gaviæ*, *Tubinares*, *Alcæ*, and *Pygopodes*.

As may be supposed, I have found the greatest difficulty in the classification of the *Passeres*; and I am fully aware that the conclusions at which I have arrived are in many respects open to criticism; but the classification of the *Passeres* is a task that has troubled wiser heads than mine, and is likely still to remain unsettled for some time to come. I am glad to find that, on the whole, the classification I have adopted agrees tolerably closely with that recommended by Mr. Sclater, whose essay on the subject (*l. c.*) is certainly the best that has yet appeared. He, however, (following Sundevall) separates the Larks entirely from the rest of the *Oscines*, calling the former *Scutiplantares*, and the latter *Laminiplantares*, whereas I have placed the Larks merely

in one of the five sections of the Oscines, calling them Oscines scutellipantares. Unfortunately I had already worked out my system before his papers on the subject were published: but I must not omit to acknowledge the great assistance rendered to me from time to time by him; for he was always ready to give me the best advice when I found myself in want of it.

In the subdivision of the Desmognathæ Mr. Sclater separates the Striges from the Accipitres, making a separate order of each, whereas I place them in two suborders of the order Accipitres; otherwise we agree in our subdivisions.

As regards the Schizognathæ, my order Grallæ is equal to his Geranomorphæ, except that he includes the Otidæ in that order, whereas I have placed them in the order Limicolæ.

Besides the assistance I have received from Mr. Sclater, I am greatly indebted to Professors Newton and Parker, and Messrs. Salvin and H. T. Wharton for the cooperation they have so readily afforded me during my task of working out the classification. Professor Newton strongly urged me to commence the Passeres with the Crows, as being, in his opinion, the most representative family; and for many reasons I was at first inclined to do so; but eventually I decided to follow Mr. Sclater's practice, and to commence with the Thrushes, so as to avoid making any alteration that was not absolutely necessary in the arrangement of the families as proposed by him.

LITERATURE.

It was my intention to give a chapter on the bibliography of European ornithology, together with as complete a list as possible of all works, as well as all separate papers, on the subject, published since 1766; and for that purpose I collected together a considerable amount of material. But the number of papers, especially of short articles, is so great that it will be too large an undertaking, and would take up too much space, to be included in the introduction to the present work; I must therefore defer its publication, and, if possible, issue it in a separate pamphlet. It will, however, doubtless be of use to my readers to have particulars of the best works of reference on European ornithology; and I therefore give their titles, classified under the names of the different countries, in the same manner as was done by Mr. Sclater in his 'Address to the Biological Section of the British Association' delivered at Bristol in 1875.

GREAT BRITAIN AND IRELAND.

- Albin, E.* A Natural History of English Song-Birds, 1737. Second edition, 1747; third edition, 1759; fourth edition, 1766; fifth edition, 1778.
- Baikie W. B., and Heddle, R.* Historia Naturalis Orcadensis. Zoology: Part 1. 8vo. Edinburgh, 1848.
- Bewick, T.* History of British Birds. 2 vols: 8vo. Newcastle, 1797-1804. Second edition, 1805; third edition, 1806; fourth edition, 1809; fifth edition, 1821; sixth edition, 1826; seventh edition, 1832; eighth edition, 1847.
- Clarke, W. Eagle, and Roebuck, Wm. D.* A Handbook of the Vertebrate Fauna of Yorkshire, &c. 1 vol. 8vo. London, 1881.
- Cordeaux, John.* Birds of the Humber District. 1 vol. 16mo. 1872.
- Donovan, E.* The Natural History of British Birds, &c. 10 vols. 8vo. London, 1794-1819.
- Donovan, E.* The Natural History of the Nests and Eggs of British Birds. 1 vol. Dbl. roy. 8vo. London, 1826-27.
- Dunn, Robert.* The Ornithologist's Guide to the Islands of Orkney and Shetland. 1 vol. 8vo. Hull, 1837.
- Eyton, T. C.* A History of the Rarer British Birds, and a Catalogue of British Birds. 1 vol. 8vo. London, 1836.
- Fleming, J.* A History of British Animals, &c. 1 vol. 8vo. Edinburgh, 1828.

- Fox, G. T.* Notice of the Appearance of some Rare Birds of England. *Zool. Journ.* iii. pp. 491-497. 1828.
- Garner, R.* The Natural History of the County of Stafford. 1 vol. 8vo. London, 1844.
- Gould, John.* The Birds of Great Britain. 5 vols. Imp. fol. London, 1862-1873.
- Graves, G.* British Ornithology. 3 vols. 8vo. London, 1811-1821.
- Gray, G. R.* A Catalogue of British Birds. 1 vol. 8vo. London: ed. 1, 1850; ed. 2, 1863.
- Gray, R., and Anderson, T.* The Birds of Ayrshire and Wigtownshire. 1 vol. 8vo. Glasgow, 1869.
- Gray, R.* The Birds of the West of Scotland, &c. 1 vol. 8vo. Glasgow, 1871.
- Gurney, J. H., and Fisher, W. R.* Account of the Birds found in Norfolk, &c. 1 vol. 8vo. 1846.
- Hancock, John.* A Catalogue of the Birds of Northumberland and Durham. 8vo. London, 1874.
- Harting, J. E.* The Birds of Middlesex, &c. 8vo. London, 1866.
- Harting, J. E.* A Handbook of British Birds, &c. 1 vol. 8vo. London, 1872.
- Harvie-Brown, J. A.* Birds found Breeding in Sutherlandshire. (From Proc. Nat. Hist. Soc. Glasgow, 1874.) Glasgow, 1875.
- Hewitson, W. C.* British Oology. 3 vols. 1831-1842.
- Hewitson, W. C.* Coloured Illustrations of the Eggs of British Birds. Ed. 2. 2 vols. 1843-1846; ed. 3. 2 vols. 8vo. 1853-1856.
- Hunt, J.* British Ornithology. 3 vols. 8vo. Norwich, 1815-1822.
- Jardine, W.* Ornithology of Great Britain and Ireland. (Naturalists' Library. Vols. ix., xi., xii., xiv. 4 vols. Small 12mo. 1838-1843.)
- Jenyns, L.* A Manual of British Vertebrated Animals, &c. 1 vol. 8vo. Cambridge, 1835.
- Knox, A. E.* Ornithological Rambles in Sussex, &c. 3rd ed. 12mo. London, 1835.
- Lewin, W.* Birds of Great Britain, with their Eggs. 7 vols. 4to. London, 1789-1794.
- Lubbock, R.* Observations on the Fauna of Norfolk, &c. 8vo. Norwich and London, 1845. Second edition by T. Southerner, 1879.
- Macgillivray, W.* A History of British Birds. 5 vols. 8vo. (Vol. i. 1837; vol. ii. 1839; vol. iii. 1840; vol. iv. 1852; vol. v. 1852.)
- Merrett, C.* Pinax rerum Naturalium Britannicarum, etc. (Aves Britannicæ, pp. 170-184.) 1 vol. 16mo. London, 1666. Second edition, 1667; third edition, 1704.
- Meyer, H. L.* Coloured Illustrations of British Birds and their Eggs. Ed. 1, 4to. 1835-1843. Ed. 2. 7 vols. 8vo. London, 1842-1850.
- Montagu, G.* Ornithological Dictionary. 2 vols. 8vo. London, 1802; and Supplement, 1 vol. 8vo, Exeter, 1813. Second edition, edited by J. Rennie, 1 vol. 8vo, London, 1831; third edition, edited by E. Newman, 1 vol. 8vo, London, 1866.
- More, A. G.* On the Distribution of Birds in Great Britain during the Nesting-season. (*Ibis*. 1865, pp. 1-27, 119-142, 425-458.)

- Morris, F. O.* A History of British Birds. 6 vols. Large 8vo. London, 1865-66.
- Newton, A.* Fourth edition of Yarrell's British Birds (still in course of publication).
- Pulteney, R.* Catalogue of the Birds, Shells, and some of the more rare Plants of Dorsetshire (Orn. pp. 1-22). 1 vol. Folio. London, 1799.
- Pennant, T.* British Zoology. 1 vol. Folio. London, 1766. Second edition, 8vo, 1768; third edition, 1 vol. 8vo, 1770; fourth edition, 4 vols., in two issues, 8vo and 4to, 1776-1777; fifth edition, 4 vols. 8vo, 1812.
- Rodd, E. Hearle.* The Birds of Cornwall and the Scilly Islands, edited by J. E. Harting. 8vo. London, 1880.
- St. John, C.* Short Sketches of the Wild Sports and Natural History of the Highlands. London, 1846.
- St. John, C.* A Tour in Sutherlandshire. 2 vols. 1849.
- St. John, C.* Natural History and Sport in Moray. 1 vol. 1864.
- Saxby, H. L.* The Birds of Shetland, &c. 8vo. Edinburgh, 1874.
- Selby, P. J.* Illustrations of British Ornithology. First edition, vol. i. 8vo. Edinburgh, 1825. Second edition, vols. i. & ii. 8vo, Edinburgh, 1833. Plates in folio.
- Sheppard, R., and Whitear, W.* A Catalogue of the Norfolk and Suffolk Birds. (Trans. Linn. Soc. xv. pt. 1, pp. 1-61. 1826.)
- Sibbald, R.* Scotia Illustrata, etc. 2 vols. Folio. Edinburgh, 1684.
- Smith, Cecil.* The Birds of Somersetshire. 1 vol. 8vo. London, 1869.
- Smith, Cecil.* The Birds of Guernsey. 1 vol. Small 8vo. London, 1879.
- Sterland, J. W.* The Birds of Sherwood Forest, &c. 1 vol. 8vo. London, 1869.
- Stevenson, H.* The Birds of Norfolk, &c. 8vo. London. Vol. i. 1866; vol. ii. 1870. Not yet completed.
- Thompson, W.* The Natural History of Ireland. Vols. i.-iii. Birds. 3 vols. 8vo. London. (Vol. i. 1849; vol. ii. 1850; vol. iii. 1851.)
- Tunstall, M.* Ornithologia Britannica, etc. 1 vol. Folio. London, 1771.
- Turnbull, W. P.* The Birds of East Lothian, &c. 8vo. Glasgow, 1867.
- Turton, W.* British Fauna, &c. (Aves, pp. 18-77.) 1 vol. Sm. 12mo. Swansea, 1807.
- Walcott, J.* Synopsis of British Birds. 2 vols. Sm. 4to. London, 1789.
- Walters, J. J.* The Natural History of the Birds of Ireland. 1 vol. 12mo. London, 1853.
- White, Gilbert.* The Natural History and Antiquities of Selborne. 1 vol. 4to. London, 1789. Of this there are so many editions that it is inexpedient to enumerate them here.
- Yarrell, W.* A History of British Birds. 3 vols. 8vo. London (vol. i. 1839; vol. ii. 1841; vol. iii. 1843). Second edition, 3 vols. 8vo, and Supplement, London, 1845; third edition, 3 vols., London, 1856; fourth edition, edited by Professor Newton, still in course of publication.

EUROPE GENERALLY.

- Bonaparte, C. L.* Revue critique de l'Orn. Eur. de Degland. 12mo. Bruxelles, 1850.
- Bree, C. R.* History of the Birds of Europe not observed in the British Isles. 4 vols. 8vo. London, 1857. Second edition, 5 vols. 8vo, London, 1875-76.
- Brehm, C. L.* Lehrbuch der Naturgeschichte aller europäischen Vögel. 2 vols. Sm. 8vo. Jena, 1823-24.
- Degland, C. D.* Ornithologie Européenne, etc. 2 vols. 8vo. Paris, 1849.
- Degland et Gerbe.* Ornithologie Européenne, etc. Second edition. 2 vols. 8vo. Paris, 1867.
- Fritsch, Anton.* Naturgeschichte der Vögel Europa's. 1 vol. text, 8vo; 1 vol. plates, folio. Prague, 1870.
- Gloger, Const. Lambert.* Vollständiges Handbuch der Naturgeschichte der Vögel Europa's (one volume, containing land-birds only, published). Breslau, 1834.
- Gould, John.* The Birds of Europe. 5 vols. Folio. London, 1832-1837.
- Keyserling und Blasius.* Die Wirbelthiere Europa's. 1 vol. 8vo. Brunswick, 1840.
- Schinz, H.* Europäische Fauna, &c. 2 vols. 8vo. Stuttgart, 1840.
- Schlegel, H.* Revue critique des Oiseaux d'Europe. 1 vol. 8vo. Leiden, 1844.
- Temminck, C. J.* Manuel d'Ornithologie, &c. 1 vol. 8vo. Amsterdam et Paris, 1815. Second edition, 4 vols. 8vo. Paris, 1820-1840.

THE FÆROE ISLANDS.

- Feilden, H. W.* The Birds of the Færoe Islands. (Zoologist, 1872, pp. 3201-3225, 3245-3257, 3277-3294.)
- Graba.* Ornithologisches Taschenbuch einer Reise nach Färœ im Jahre 1828. (Isis, 1863, p. 763.)
- Landt, G.* A Description of the Ferroe Islands. 1 vol. 8vo. London, 1810.
- Müller, H. C.* Færøernes Fuglefauna. (Meddel. Nat. For. 2nd ser. iv. pp. 1-78, 1862.)
- Wolley, J.* Birds of the Færoe Islands. (Contrib. Orn. 1850, pp. 106-117.)

ICELAND.

- Brünnich, M. T.* Ornithologia Borealis, &c. 8vo. Hafniæ, 1764.
- Faber, Friedrich.* Prodromus der isländischen Ornithologie. 8vo. Kopenhagen, 1822. Supplement. (Isis, 1824, p. 792.)
- Faber, Friedrich.* Ueber das Leben der hochnordischen Vögel. 8vo. Leipzig, 1826.
- Krüper, Th.* Der Myvatn und seine Umgebung. (Naumannia, vii. Heft i. p. 33; Heft ii. p. 1: 1857.)
- Krüper, Th.* Die Inseln des Myvatn. (Naumannia, vii. Heft ii. p. 33: 1857.)
- Krüper, Th.* Ornithologische Miscellen. (Naumannia, vii. Heft ii. p. 436: 1857.)

- Mohr, N.* Forsög til en Islandsk Naturhistorie. 8vo. Kiöbenhavn, 1786.
- Newton, A.* Ornithology of Iceland. (Appendix A. to Baring-Gould's 'Iceland, its Scenes and Sagas,' roy. 8vo, London, 1863.)
- Olafsen, Egger, og Paulson, B.* Reise igiennem Island, &c. 2 vols. 4to. Soroe, 1772.
- Procter, William.* Notes on an Ornithological Tour in Iceland. (Naturalist, iii. p. 410, London, 1838.)

SCANDINAVIA.

- Bergstrand.* Ålands däggdjur, foglar, amphibier och fiskar. 1 vol. 8vo. Vesterås, 1852.
- Cederström, C. G.* Om de i trakten af Carlstad förekommande fogelararter. 1 vol. 8vo. Upsala, 1851.
- Collett, Robert.* Remarks on the Ornithology of Northern Norway. (Forh. Selsk. Christiania, 1872, p. 1.)
- Collett, R.* Översigt af Christiania Omegns ornithologiska Fauna. 8vo. Christiania, 1864.
- Collin, Jonas.* Skandinaviens Fugle. 1 vol. 8vo. Copenhagen, 1875–1877.
- Ekström, C. U.* Beskrifning öfver Mörkö socken i Södermanland. 8vo. Stockholm, 1828.
- Esmark.* Optegnelser og Bemærkninger till den Norske Fauna. (Nyt Mag. f. Natur. vol. i.: Christiania, 1838).
- Gloger, C. W.* Gottlands fogelfauna. (Öfv. Vet. Ak. Förh. 1846, p. 223; 1849, pp. 204–206.)
- Hartman, Carl.* Strödda bidrag till Skandinaviens fogelfauna. 8vo. Stockholm, 1859.
- Holmgren, A. E.* Skandinaviens Foglar. 8vo. Stockholm, 1866–1871.
- Kjellman, A. F.* Svenska polar-expeditionen år 1872–73 under ledning af A. E. Nordenskjöld. 8vo. Stockholm, 1875.
- Kjærbölling, N.* Danmarks Fugla: text, 1 vol. 8vo; Atlas, folio. Copenhagen, 1852.
- Körner, M.* Skandinaviska Foglar tecknade efter naturen. Lund, 1839.
- Lloyd, L.* The Gamebirds and Wildfowl of Sweden and Norway. 1 vol. 8vo. London, 1867.
- Malm, A. W.* Göteborgs och Bohusläns fauna, ryggrads djuren. 8vo. Gothenburg, 1877.
- Meves, W.* Bidrag till Gottlands fauna. (Öfv. Vetensk. Ak. Förh. 1856, pp. 271–282.)
- Meves, W.* Bidrag till Jemtlands Ornithologie. (Öfv. Vet. Ak. Förh. 1860, pp. 187–224.)
- Meves, W.* Bidrag till Sveriges Ornithologie. (Öfv. Vet. Ak. Förh. 1868, pp. 251–293.)
- Nilsson, S.* Ornithologia Suecica. 8vo. Havnæ, 1817.
- Nilsson, S.* Skandinavisk Fauna. 2 vols. 8vo. Lund, 1858.
- Rasch.* Fortegnelse og Bemærkninger till de i Norge förekommande Fugle. (Nyt Mag. f. Naturv. vol. i. 1838.) First Supplement, vol. iv. 1845; second Supplement, vol. v. 1848.
- Retzius, A. J.* Faunæ Suecicæ a Carolo a Linné inchoatæ pars prima. 8vo. 1800.

- Sommerfelt, Chr.* Fortegnelse öfver de i Ostfinmarken iakttagne Fugle. (Öfv. Vet. Ak. Förh. 1861, pp. 67–90.)
- Ström, J. A. af.* Svenska Foglarne. 1 vol. 12mo. Stockholm, 1839.
- Sundevall, C. J.* Svenska Foglarne. Long folio. Stockholm, 1859–71.
- Sundström, C. R.* Bidrag till kännedom af Örebroläns vertebratfauna. 8vo. Örebro, 1868.
- Sundström, C. R.* Zoologiska anteckningar från Östra Södermanland och dithörande skärgård. (Öfv. Vet. Ak. Förh. 1872, pp. 16–45.)
- Wheelwright, A. W.* A Spring and Summer in Lapland. 8vo. London, 1864.
- Wright, M. & W. von.* Svenska Foglar efter naturen ritade. Long folio. Stockholm, 1828–1838.

SPITZBERGEN.

- Evans, E., and Sturge, W.* Notes on the Birds of West Spitzbergen, as observed in 1865. (Ibis, 1859, pp. 166–174.)
- Malmgren, A. J.* Anteckningar till Spetzbergens Fogel-Fauna. (Öfvers af K. Vetensk. Ak. Förh. 1863, p. 87; 1864, p. 337.)
- Newton, A.* Notes on the Birds of Spitsbergen. (Ibis, 1865, pp. 199–210, 496–525.)

RUSSIA AND FINLAND.

- Aksakow, J. T.* Sapiski rujeinego ochotnika Orenburgskoy Gubernii. 1 vol. 8vo. Moscow, 1856.
- Alston, E. R., and J. A. Harvie-Brown.* Notes from Archangel. (Ibis, 1873, p. 54.)
- Andrzejowski, A.* Rys Botaniczny krain zwiedzonyek u podrozack promiesdzy Bohem. i Dniestrom, &c. 1 vol. 8vo. Wilna, 1823.
- Arendarenke, N.* Sapiski o Poltawskoy Gubernii. 1 vol. 8vo. Poltava, 1848.
- Artzibascheff, N.* Excursions et observations sur les bords de la Sarpa. 1 vol. 8vo. Moscow, 1859.
- Bogdanow, M.* Plitsoi Kavkaza. 1 vol. 8vo. Kazan, 1879.
- Eversmann, E.* Addenda ad celeberrimi Pallasii Zoographiam Rosso-Asiaticam. 3 parts. 8vo. Kasan, 1835–1842. Reprint, edited by H. E. Dresser, London, 1876.
- Kessler, K.* Kukowodstwo dlja opredelenia ptiz kotorya wodiatsia ili wstiets chaintsia u europeiskoi Rossii. (Russkaya Ornitologia.) 1 vol. 8vo. Kieff, 1847.
- Lichtenstein, H.* Naturhistorische Einhang zu Eversmanns Reise von Orenburg nach Buchara. 1 vol. 4to. Berlin, 1823.
- Liljeborg, W.* Zoologisk resa i norra Ryssland och Finnmarken. (Öfv. Vet. Ak. Förh. 1849, pp. 16–37.)
- Meves, W.* Ornithologiska iakttagelser i Nordvestra Ryssland. (Öfv. Vet. Ak. Förh. 1871, pp. 731–788.)

- Ménétriés, E.* Catalogue raisonné des objets de Zoologie recueillis dans un voyage au Caucase, &c. 1 vol. 4to. St. Petersburg, 1832.
- Nordmann, A. von.* Faune Pontique in vol. iii. de Demidoff's Voyage dans la Russie méridionale, &c. Royal 8vo. Paris, 1841-42.
- Palmgrén, J. A.* Finlands Foglar, &c. Vol. ii. 8vo. Helsingfors, 1873.
- Pallas, P.* Zoographia Rosso-Asiatica. 3 vols. 4to. St. Petersburg, 1811-1831.
- Seeböhm, H.* Siberia in Europe. 1 vol. 8vo. London, 1880.
- Taczanowski, W.* Catalogue des Oiseaux du Gouvernement de Lublin. (Biblioteka Warszowska, 1851, p. 337; 1853, p. 144.)
- Taczanowski, W.* Liste des Vertébrés de Pologne. (Journ. de la Soc. Zool. de France, 1877, p. 121.)
- Tardent, J.* Essai sur l'histoire naturelle de la Besarabie. 1 vol. 16mo. Lausanne, 1841.
- Tyzenhauz.* Catalogus avium et mammalium quæ habitant in regionibus Europæ positæ inter gradum 46-57 lat. sept. et 35-56 long. à Ferro. 1 vol. Fol. Riga, 1848.
- Wright, Magnus von.* Finlands Foglar hufvudsakligen till deras drägter. Vol. i. 8vo. Helsingfors, 1859.

GERMANY, AUSTRIA, AND HUNGARY.

- Ammerling.* Fauna čili zwerina česká. Praze, 1852.
- Bechstein, J. M.* Gemeinnützige Naturgeschichte Deutschlands. Vögel. 3 vols. 8vo. Leipzig, 1791-1794. Second edition. 3 vols. 8vo. Leipzig, 1804-1809.
- Bechstein, J. M.* Ornithologisches Taschenbuch in und für Deutschland. 2 vols. 12mo. 1802-1812.
- Borggreve, Bernh.* Die Vogelfauna von Nord-Deutschland. 1 vol. 8vo. Berlin, 1869.
- Brehm, C. L.* Handbuch der Naturgeschichte aller Vögel Deutschlands. 8vo. Ilmenau, 1831.
- Brittinger, Chr.* Die Brutvögel Oberösterreichs nebst Angabe ihres Nestbaues und Beschreibung ihrer Eier. 8vo. Linz, 1866.
- Danford and Harvie-Brown.* The Birds of Transylvania. (Ibis, 1875, pp. 188-199, 291-312, 412-434.)
- Droste Hülshoff, F. von.* Die Vogelwelt der Nordsee-insel Borkum. 1 vol. 8vo. Münster, 1869.
- Freyer, Heinr.* Fauna der in Krain bekannten Säugethiere, Vögel, &c. &c. 8vo. Laibach, 1842.
- Fritsch, A.* Die Vögel Böhmens. (J. f. Orn. 1871, pp. 161-205, 305-313, 378-392; 1872, pp. 366-384.)
- Fritsch, A.* Ornithologische Notizen aus Böhmen. (J. f. Orn. 1876, pp. 76-79.)
- Gloger, C.* Schlesiens Wirbelthierfauna. 1 vol. 8vo. Breslau, 1833.
- Hinterberger, Jos.* Die Vögel von Österreich ob der Enns. (Ber. d. Mus. Franc. Carol. 1854, pp. 1-112.)

- Homeyer, E. F. von.* Systematische Uebersicht der Vögel Pommerns. 1 vol. 8vo. Anclam, 1837.
- Hornschurch und Schilling.* Verzeichniss der in Pommern vorkommenden Vögel. 1 vol. 8vo. Greifswald, 1837.
- Hueber, Leop. v.* Verzeichniss der Vögel Kärntens. (Jahrb. d. Kärntn. Landesmus, 1859, pp. 1–32.)
- Jaechel, J.* Die Vögel Mittelfrankens. (Abh. Naturhist. Gesellsch. Nürnberg, iii. p. 74, 1864.)
- Jeitteles, Ludw.* Prodromus faunæ vertebratorum Hungariæ superioris. (Abh. d. k.-k. zool.-bot. Gesellsch. in Wien, 1862, pp. 267–278.)
- Kaluza, Aug.* Ornithologia Silesiaca. 8vo. Breslau, 1815.
- Koch, K. L.* System der baierischen Zoologie. 8vo. Nürnberg, 1816.
- Kolenati, Friedr.* Fauna des Altvaters. 8vo. Brünn, 1859.
- Kornhuber, Andr.* Die Vögel Ungarns in Syst. Uebers. &c. 4to. Pressburg, 1856.
- Landbeck, C. L.* Die Vögel Sirmiens. Isis, 1843, pp. 2–41, 83–113.
- Landbeck, C. L.* Systematisches Verzeichniss der Vögel Württembergs. (Württemb. naturwiss. Jahreshefte, ii. p. 212, 1846.)
- Leisler, J. P. A.* Nachträge zu Bechstein's Naturgeschichte Deutschlands. 8vo. Hanau, 1812–13.
- Meyer, B.* Kurze Beschreibung der Vögel Liv- u. Esthlands. 1 vol. 8vo. Nürnberg, 1815.
- Meyer und Wolf.* Taschenbuch der deutschen Vogelkunde. 3 vols. 8vo. Frankfurt a. M. 1810–1822.
- Naumann, J. A. und J. F.* Naturgeschichte der Vögel Deutschlands. 2nd ed. 13 vols. 8vo. Leipzig, 1822–1844.
- Palliardi, Ant.* Syst. Uebers. der Vögel Böhmens, &c. 8vo. Leitmeritz, 1852.
- Pelzeln, Aug. von.* Beitrag zur orn. Fauna d. österr.-ung. Monarchie. Abh. d. k.k. zool.-bot. Gesellschaft in Wien, 1871, pp. 689–730; 1874, pp. 559–568; 1876, pp. 163–166.
- Ratzeburg, J. S. C.* Syst. Verzeichniss der orn. Sammlung zu Neustadt-Eberswalde. 1 vol. 8vo. Neustadt-Ebersw. 1860.
- Schrank, Franz von Paula von.* Fauna Boica. 8vo. Nürnberg, 1798. Vögel, vol. i. pp. 105–254.
- Schwab, Ad.* Vogelfauna von Mistek und dessen weiterer Umgebung. (Abh. d. naturforsch. Ver. in Brünn, 1868, pp. 1–160.)
- Seidensacher, Ed.* Die Vögel der Steiermark. (Naum. 1858, pp. 466–490.)
- Seidensacher, Ed.* Die Vögel von Cilli. 8vo. Cilli, 1864.
- Tschusi-Schmidhofen, Vict. Ritter von.* Die Vögel Salzburgs. (Zool. Gart. 1875, pp. 228–236, 309–312, 345–349, 385–390, 421–430, 457–461; 1876, pp. 333, 334.)
- Wodzicki, Casimir, Graf von.* Wycieczka ornitologiczna w Tatry i Karpaly galicyjskie na poczatku Czerwca, 1850. 8vo. Leszno, 1851.

- Zander, H. D. F.* Naturgeschichte der Vögel Meklenburgs. Parchim, 1847–1853.
Zander, H. D. F. Systematische Uebers. d. Vögel Meklenburgs. (Meklenb. Archiv, xv. pp. 44, 150, 1861.)
Zwadzki, A. Fauna der Galizisch-Bukowinischen Wirbelthiere. 1 vol. 8vo. Stuttgart, 1840.

HOLLAND, BELGIUM, ETC.

- De Selys-Longchamps, Edm.* Faune Belge, &c. 1 vol. 8vo. Liège, 1842.
Dubois, Alf. Catalogue Systématique des Oiseaux de l'Europe. 1 vol. Roy. 8vo. Brussels, 1865.
Dubois, C. F. Planches Coloriées des Oiseaux de la Belgique et de leurs Œufs. Roy. 8vo. Brussels, 1851–1857.
Fallon, F. Monographie des Oiseaux de la Belgique. 1 vol. 8vo. Namur, 1875.
Fontaine, Alph. de la. Faune du pays de Luxembourg. 1 vol. 8vo. Luxembourg, 1865–66.
Mohimont, E. Les Oiseaux luxembourgeois. 1 vol. 8vo. Arlow, 1847.
Schlegel, H. De Vogels van Nederland. 3 vols. 12mo. Leiden, 1854–58.

FRANCE.

- Bert, Paul.* Catalogue méthodique des animaux vertébrés qui vivent à l'état sauvage dans le département de l'Yonne. Paris, 1869.
Blandin, J. Catalogue des Oiseaux observés dans le département de la Loire inférieure. 1 vol. 8vo. Nantes, 1864.
Bouteille, H. Ornithologie du Dauphiné, &c. 2 vols. 8vo. Grenoble, 1843.
Chesnon, C. G. Essai sur l'histoire naturelle de la Normandie. 1^{re} partie. Bayeux et Paris, 1834.
Companyó, L. Histoire naturelle du département des Pyrénées orientales. 1 vol. 8vo. Perpignan, 1841.
Crespon, J. Ornithologie du Gard &c. 1 vol. 8vo. Perpignan, 1863.
Crespon, J. Faune méridionale, &c., du midi de la France. 3 vols. 8vo. Nîmes et Montpellier, 1844.
Docteur. Catalogue des Oiseaux du département de la Gironde. Bordeaux, 1856.
Dubalen. Catalogue critique des Oiseaux observés dans les départements des Landes, des Basses-Pyrénées et de la Gironde. 1 vol. 8vo. Bordeaux, 1873.
Guillot. Catalogue analytique et raisonné des Oiseaux du département de la Marne. 1 vol. 8vo. 1870.
Jaubert et Barthélemy Lapommeraye. Richesse ornithologiques du midi de la France, &c. 1 vol. 4to. Marseilles, 1859.
Lacroix, Adrien. Catalogue raisonné des Oiseaux observés dans les Pyrénées françaises, &c. 1 vol. 8vo, with Supplement. Toulouse et Paris, 1873–75.

- Marchand, A.* Catalogue des oiseaux observés dans le département d'Eure et Loire. 1 vol. 8vo. Paris, 1865.
- Marchand, L.* Catalogue des oiseaux observés dans le département de la Côte d'Or. 1 vol. 8vo. Dijon, 1869.
- Marcotte, J.* Les animaux vertébrés de l'arrondissement d'Abbeville. 1 vol. 8vo. Abbeville, 1860.
- Millet, S.* Faune de la Marne-et-Loire. 2 vols. 8vo. Paris et Angers, 1828.
- Moussier.* Catalogue des animaux vertébrés observés dans le département de la Haute Loire. 1 vol. 8vo. 1870.
- Nouel.* Catalogue des Oiseaux observés dans le département du Loiret. 1 vol. 8vo. Orleans, 1876.
- Picot, Ph.* Tables méthodiques des Mammifères et des Oiseaux observées dans le département de la Haute Garonne. 1 vol. 8vo. Toulouse, 1799.
- Roux, Polydore.* Ornithologie Provençale, &c. 4 vols. 4to. Marseilles, 1825.
- Sinety, de.* Faune du département de Seine-et-Marne, &c. Paris, 1854.
- Vieillot.* Faune Française, &c. 8vo (Oiseaux, 2 vols.). Paris, 1821-1828.

SPAIN AND PORTUGAL.

- Bocage, Barboza du.* Lista de las Aves de Portugal. (Instruc. prat. &c. para o Museo de Lisboa 1862, pp. 74-76.)
- Brehm, Dr. A. E.* Vorläufige Zusammenstellung der Vögel Spaniens, &c. (Allg. deutsch. Naturh. Zeitung. vol. iii. p. 431, &c. 1856.)
- Irby, L. Howard.* The Ornithology of the Straits of Gibraltar. 1 vol. 8vo. London, 1875.
- Lilford, Lord.* Notes on the Ornithology of Spain. (Ibis, 1865, p. 166; 1866, pp. 173, 377.)
- Saunders, Howard.* A List of the Birds of Southern Spain. (Ibis, 1871, pp. 54, 205, 384.)
- Saunders, Howard.* Catalogue des Oiseaux du midi de l'Espagne. (Bull. Soc. Zool. de la France, 1876, p. 315; 1877, pp. 11, 185.)
- Smith, A. C.* Narrative of a Spring Tour in Portugal. 1 vol. 8vo. London, 1870.

SWITZERLAND AND SAVOY.

- Bailly, J. B.* Ornithologie de la Savoie, &c. 4 vols. 8vo. Paris and Chambéry, 1854.
- Meisner, F., and Schinz, H. R.* Die Vögel der Schweiz. 1 vol. 8vo. Zürich, 1815.
- Stölker, C.* Versuch einer Vogelfauna der Kantone St. Gallen und Appenzell. (Ber. d. St. Gallischen naturw. Gesellsch. 1865-66, p. 170; 1866-67, p. 60; 1870-71, p. 250.)

ITALY, SICILY, MALTA, ETC.

- Althammer, L.* Catalogo degli Uccelli finora osservati nel Tirolo. Padova, 1856.
- Benoit, L.* Ornitologia Siciliana. Messina, 1840.

- Bettone, E.* Storia naturale degli Uccelli che nidificano in Lombardia. 2 vols. Folio. Milan, 1865-68.
- Bonaparte, Prince C. L.* Iconografia della Fauna Italica: Uccelli. 1 vol. Folio. Rome, 1832-1841.
- Bonelli, F. A.* Catalogue des Oiseaux du Piémont. (Annales de l'Observatoire de Turin, 1811, pp. 255-278.)
- Cara, G.* Elenco degli Uccelli che si trovano nell' isola di Sardegna. 8vo. Torino, 1842.
- Cara, G.* Osservazioni al Catalogo degli Uccelli di Sardegna. 8vo. Cagliari, 1866.
- Doderlein, P.* Avifauna del Modenese e della Sicilia. Palermo, 1869-72.
- Malherbe, A.* Faune Ornithologique de la Sicile (Mém. de l'Académie de Metz). 8vo. Metz, 1843.
- Riva, A.* L'Ornitologo Ticinese. 1 vol. 8vo. Lugano, 1865.
- Salvadori, T.* Fauna d'Italia: Uccelli. 1 vol. Roy. 8vo. Milano, 1872.
- Savi, P.* Ornitologia Toscana. 3 vols. 8vo. Pisa, 1827-1831.
- Savi, P.* Ornitologia Italiana. 3 vols. 8vo. Florence, 1873-76.
- Schembri, A.* Catalogo ornitologico del gruppo di Malta. Malta, 1843.
- Wright, C. A.* List of the Birds observed in the Islands of Malta and Gozo. (Ibis, 1864, pp. 42-73, 137-157, 291, 292; 1865, pp. 459-466; 1869, pp. 245-256; 1870, pp. 488-493.)

GREEK ARCHIPELAGO AND TURKEY.

- Alléon et Vian.* Des migrations des oiseaux de proie sur le Bosphore de Constantinople. (Rev. et Mag. de Zool. 1869, pp. 258-273, 305-315, 342-348.)
- Drummond, H. M., and Strickland, H. E.* Catalogue of Birds found in Corfu and the other Ionian Islands. (Ann. & Mag. Nat. Hist. xii. p. 412.)
- Drummond, H. M., and Strickland, H. E.* List of the Birds of Crete. (Ann. & Mag. Nat. Hist. xii. p. 423.)
- Elwes and Buckley.* A List of the Birds of Turkey. (Ibis, 1870, pp. 59-77, 188-201, 327-341.)
- Erhard, Dr.* Fauna der Cycladen. 1 vol. 8vo. Leipzig, 1858.
- Farman, C.* On some of the Birds of Prey of Central Bulgaria. (Ibis, 1868, pp. 406-414; 1869, pp. 199-204.)
- Krüper, Th.* Notizen über Griechenland. (J. f. Orn. 1862, pp. 360, 435.)
- Krüper, Th.* Brutvögel von Naxos. (J. f. Orn. 1863, p. 402.)
- Krüper, Dr. Th., und Hartlaub, G.* Zeiten des Gehens und Kommens und des Brütens der Vögel in Griechenland und Ionien. (Mommensen's Griechische Jahreszeiten, Heft iii. Schleswig, 1875.)
- Lilford, Lord.* Notes on Birds observed in the Ionian Islands &c. (Ibis, 1860, pp. 1-10, 133-140, 228-239, 338-257.)

- Lindermayer, A.* Vögel Griechenlands. 1 vol. 8vo. Passau, 1860.
Mühle, H. von der. Beiträge zur Ornithologie Griechenlands. 1 vol. 8vo. Leipzig, 1844.
Simpson, W. H. A Fortnight in the Dobrudscha. (Ibis, 1861, pp. 361–374.)

ASIA MINOR, PALESTINE, ETC.

- Danford, C. G.* Ornithology of Asia Minor. (Ibis, 1878, pp. 1–35.)
Krüper, Th. Beitrag zur Ornithologie Klein-Asiens. (J. f. Orn. 1869, pp. 21–45.)
Strickland, H. E. A List of the Birds noticed or obtained in Asia Minor in the Winter of 1835 and Spring of 1836. (P. Z. S. 1836, p. 97.)
Tchihatcheff, P. Asie Mineure, Description Physique et Archéologique, &c. 2 vols. Roy. 8vo, with Atlas, oblong 4to. Paris, 1853–56.
Tristram, H. B. Ornithology of Palestine. (Ibis, 1865, pp. 67, 241; 1866, pp. 59, 280; 1867, pp. 73, 360; 1868, pp. 204, 321; and P. Z. S. 1864, p. 426.)
Unger, F., und Kotschy, Th. Die Insel Cypern, &c. 8vo. Vienna, 1865.

NORTH AFRICA.

- Drake, C. F. Tyrwhitt.* Notes on the Birds of Tangier and Eastern Morocco. (Ibis, 1867, pp. 421–430.)
Drummond, H. M. List of Birds found in the Vicinity of Tunis and Bizerta. (Ann. & Mag. Nat. Hist. xvi. p. 102, 1845.)
Gurney, J. H., jun. Six Months' Bird-collecting in Egypt (in 'Rambles of a Naturalist'). 8vo. London. No date.
Gurney, J. H., jun. On the Ornithology of Algeria. (Ibis, 1871, pp. 68–86, 289–301.)
Heuglin, Th. von. Ornithologie Nordost-Afrika's, &c. 4 vols. Roy. 8vo. Cassel, 1869–1874.
Irby, L. Howard. The Ornithology of the Straits of Gibraltar. 1 vol. 8vo. London, 1875.
Loche. Exploration Scientifique de l'Algérie, &c., Oiseaux. 2 vols. Folio. Paris, 1867.
Salvin, Osbert. Five Months' Bird-nesting in the Eastern Atlas. (Ibis, 1859, pp. 174–191, 302–318, 352–365.)
Shelley, G. E. A Handbook to the Birds of Egypt. 1 vol. Roy. 8vo. London, 1872.
Tristram, H. B. On the Ornithology of N. Africa. (Ibis, 1859, pp. 153–162, 277–301, 415–435; 1860, pp. 68–83, 149–165, 361–375.)

THE ATLANTIC ISLANDS.

- Bolle, C.* Bemerkungen über die Vögel der Canarischen Inseln. (Journ. f. Orn. 1854, p. 447; 1855, p. 171; 1857, pp. 258, 305.)
Godman, F. DuCane. Notes on the Resident and Migratory Birds of Madeira and the Canaries. (Ibis, 1872, pp. 158–209.)

Godman, F. DuCane. Natural History of the Azores or Western Islands. 1 vol. 8vo. London, 1870.

Vernon Harcourt, E. Notes on the Ornithology of Madeira. (Ann. & Mag. Nat. Hist. 1855, pp. 430–438.)

Webb, P. B., et Berthelot, S. Histoire Naturelle des Iles Canaries. 4to. Paris, 1835–1850.

In the foregoing list I have given, as concisely as I can, the titles of such works as I believe will be found of use to students of Western Palæartic Ornithology, omitting such as appear to me to be of but little value for reference. Amongst those which I have found most useful for general reference I may enumerate the following, viz.:—*Great Britain.* Macgillivray's 'British Birds,' which will always rank high as containing such excellent field-notes; Yarrell's 'British Birds,' which is perhaps the best work of reference on British ornithology, the fourth edition by Professor Newton being especially reliable, and indeed, when completed, it will be by far the best work on our avifauna. Gould's 'Birds of Great Britain' certainly stands preeminent as far as the magnificent illustrations are concerned; but the letterpress is far from being equal to the plates.

On European ornithology generally, the most useful handbook is Degland and Gerbe's 'Ornithologie Européenne,' which I have found better for reference than Fritsch's 'Vögel Europa's,' though the latter is a cheap and useful work. Gould's 'Birds of Europe' contains excellent illustrations; but the letterpress is now far behind the times, and it is rather heavy and cumbersome, as well as expensive. For *Scandinavia*—Collett's 'Remarks on the Ornithology of Northern Norway,' Collin's 'Skandinaviens Fugle,' and Nilsson's 'Skandinavisk Fauna' are all worthy of commendation; but Professor Sundevall's 'Svenska Foglarne' is, so far as it goes, certainly the best work on the birds of Sweden; but unfortunately it was incomplete when he died, and will probably never be completed. *Russia* appears sadly wanting in a good general work on the avifauna of that vast empire, and I know of no single work that I can recommend, although there are, as will be seen by the foregoing list, not a few local catalogues; but *Finland* can boast of a very excellent little work, 'Finland's Foglar,' the first volume of which was written by my friend the late Magnus von Wright, and the second volume (published after his death) by Palmgren.

But the best and most reliable work on continental European ornithology is undoubtedly Naumann's 'Naturgeschichte der Vögel Deutschlands,' a work of which I cannot speak in too high terms, and one which every ornithologist who can read German should possess. Fallon's 'Oiseaux de la Belgique' is a tolerably useful little book on Belgian ornithology; and Schlegel's 'Vogels van Nederland' is a most reliable work on the birds of Holland, and has excellent illustrations. As regards French ornithology there are many useful works on local natural history; but, excepting Degland and Gerbe's 'Ornithologie Européenne,' and Vieillot's 'Faune Française,' there is no work that treats of the birds of France as a whole; and the latter of these is now rather out of date. Bailly's 'Ornithologie de la Suisse' must also be cited here as an almost indispensable work of reference. *Spain* and *Portugal* both lack a good general work on their ornithology; but Colonel Irby's 'Ornithology of the Straits of Gibraltar' gives first-rate data

respecting the birds of Southern Spain, and Lord Lilford's and Mr. Howard Saunders's papers on the ornithology of Spain, contain a considerable amount of useful information. As regards *Italy*, the best and most reliable works, so far as I can judge, are Salvadori's 'Uccelli d'Italia' and Savi's posthumous work 'Ornitologia Italiana,' which were published within a year of each other, and which contain almost all the latest information on the avifauna of Italy.

For *Greece* the best reference list is Krüper and Hartlaub's 'Griechische Jahreszeiten,' which contains all the information given in Linder Mayer's 'Vögel Griechenlands' and von der Mühle's 'Beiträge zur Ornithologie Griechenlands,' as well as later information and some field-notes collected by Dr. Krüper. As far as *Turkey* and *Asia Minor* are concerned, the only information to be obtained must be gathered from the various papers published in different periodicals, of which I give a list; but Shelley's 'Birds of Egypt' and Loche's 'Expl. Scient. de l'Algérie, Oiseaux' give full information respecting the avifauna of *North Africa*, as do Godman's "Notes on the Birds of Madeira and the Canaries" and 'Natural History of the Azores' on that of the *Atlantic Islands*.

ADDENDA ET ERRATA.

As ornithology is gradually, but steadily, making onward strides, and as, during the last ten years which have elapsed since I commenced the publication of the present work, ornithologists in Great Britain, as well as elsewhere in Europe, have been unusually active, much which when I wrote the earlier articles was buried in obscurity has since been brought to light. Large collections have been sent to Europe from localities whence I could then only obtain an old specimen or two; and many leading ornithologists have devoted themselves to working out small groups monographically, and have consequently thrown new light on many knotty points. Almost every week some moot question gets cleared up; for every step that a working ornithologist takes serves as a guide to those that follow after, and his work forms a basis on which his successor can build, until by degrees a tolerably good structure is erected. Hence much that I have written requires correction and emendation; and I have therefore deemed it advisable to give the following list of addenda et errata:—

VOL. II.

- Letterpress to Vol. II., species 10. *Turdus atrigularis*, for 1878 69, 70, read 1877 59, 60.
" " species 89. *Acrocephalus arundinaceus*, for 1877 57, 58, read 1878 67, 68.
Page 3. Add *Turdus bonapartei*, Cab. J. f. O. 1860, p. 183.
23. *Turdus musicus* appears to be replaced in China by *Turdus auritus*, Verr.
35. Add *Turdus illas*, Pall. Zoogr. Rosso-As. i. p. 456 (1811).
59. Add *Turdus abrekianus*, Dybowski, J. f. Orn. 1876, p. 193.
67. Add *Turdus hyemalis*, Dybowski, J. f. O. 1872, p. 439.
71. Add *Turdulus pallens* (Pall.), Godw.-Austen, J. As. Soc. Beng. xliii. pt. 2, p. 178 (1874).
87. Add *Oreocinclla inframarginata*, Blyth, J. A. Soc. Beng. xxix. p. 106 (1860), *Turdus inframarginatus* (Blyth), Gray, Hand-l. of B. i. p. 254. no. 3694 (1869), *Geocichla mutabilis* (Temm.), S. Müller, fide Blyth, Ibis, 1870, p. 167, *Merula sibirica* (Pall.), Dyb. J. f. Orn. 1872, p. 437, and *Turdulus sibiricus* (Pall.), Hume, Stray Feathers, vi. p. 255 (1878).
91. Add *Merula nigra*, Leach, Syst. Cat. M. & B. Brit. Mus. p. 20 (1816), and *Turdus menegazzianus*, Perini, Ucc. Veron. p. 56 (1858).
129. Add *Turdus infaustus* (Gm.), Lath. Ind. Orn. i. p. 335 (1790), *Saxicola saxatilis* (L.), Rüpp. Neue Wirbelth. Vög. p. 80 (1835), and *Orocetes saxatilis* (L.), Horsf. & Moore, Cat. B. Mus. E.I. Co. i. p. 189 (1854).

- Page 199. Add *Saxicola valida*, Licht. Nomencl. Av. p. 35 (1854), and *Dromolæa isabellina* (Rüpp.), Loche, Expl. Sci. Algér. Ois. i. p. 201 (1867).
203. Add *Saxicola albicollis* (Vieill.), Bp. Consp. Gen. Av. i. p. 303 (1850).
211. Delete *Saxicola hendersoni*, Hume, et *Saxicola talas*, Severtzoff.
219. According to Mr. Seebohm (Cat. Turd. Brit. Mus. p. 370), both *Saxicola erythræa*, Ehr., and *S. halophila*, Tristr., refer to the young of *Saxicola lugens*, Licht., i. e. *Saxicola leucomela* (Pall.), mihi, p. 231; but of this I have been as yet unable to convince myself satisfactorily, though at the same time I believe that I was in error in identifying the species there referred to, and figured by me on Pl. XXIX., with the Arabian Chat, and think it highly probable that Mr. Seebohm may be right. The Arabian Chat figured on Pl. XXVIII. will stand as *Saxicola finschii*; and the synonyms *Saxicola erythræa* and *Saxicola halophila* will have to be expunged from the list.
223. Tristram's Chat (Pl. XXX. and Pl. XXXII. fig. 2) will stand as *Saxicola mæsta* (see p. 229).
227. The Red-rumped Chat (Pl. XXXI. and Pl. XXXII. fig. 1) will stand as *Saxicola xanthoprymna* (see p. 229).
231. According to Mr. Seebohm (Cat. Turdidæ, p. 370) the Pied Chat should stand as *Saxicola lugens*, and not as *Saxicola leucomela*.
235. Recently received collections containing a large series of *Saxicola hendersoni* show that this species should be united to *Saxicola morio*, as pointed out by Mr. Seebohm.
263. Since writing the article on *Pratincola rubicola* I have found that the Eastern form can be distinguished from the West-European species by the upper tail-coverts, which in the former species are unspotted white, whereas in the true *Pratincola rubicola* they are marked with dark colour; and in the Eastern form the axillaries are much blacker than in true *P. rubicola*; but these distinctions are not so clearly discernible in immature and autumn-killed examples, though they are sufficient to enable one to separate the two species. Under these circumstances I think it advisable to separate the Eastern form under the name of *Pratincola maura*, the synonymy being as follows:—

Motacilla maura, Pallas, Reis. Russ. Reichs, ii. p. 728, no. 17 (1773).

Sylvia maura (Pall.), Latham, Ind. Orn. ii. p. 526, no. 62 (1790).

Saxicola rubicola, Frankl. P. Z. S. 1831, p. 119 (nec Linn.).

Saxicola rubicola, Temm. & Schl. Faun. Jap. Aves, p. 58 (1842, nec Linn.).

Saxicola saturatior, Hodgs. in Gray's Zool. Misc. p. 83 (1844).

Pratincola indica, Blyth, J. A. Soc. Beng. xvi. p. 129 (1847).

Saxicola rubicola, Schrenck, Amur-Lande, i. 2, p. 358 (1860).

Pratincola indica, Blyth, Jerdon's B. of Ind. ii. p. 124, no. 483 (1863).

Pratincola indica, Blyth, Swinhoe, P. Z. S. 1871, p. 360, no. 167.

These references will therefore have to be expunged from the synonymy of *Pratincola rubicola*; and the references to the occurrences of the Stonechat in Asia and in the extreme eastern portion of Russia in Europe will refer to *Pratincola*

maura, and not to *P. rubicola*; for the former species is certainly found in Eastern Russia, though it is difficult to say where the range of *P. rubicola* ends and that of *P. maura* commences.

- Page 277. Add *Erithacus phoenicurus* (Linn.), Degl. Orn. Eur. i. p. 502 (1849), and *Luscinia phoenicurus* (Linn.), Sundevall, Sv. Fogl. p. 59 (1856).
281. According to Mr. Seebohm the Redstart "breeds as far east as the watershed of the Yennesei and the Lena."
285. Add *Ruticilla bonapartii*, von Müll. Beitr. Orn. W.-Afr. pl. xiv. (1853), *Ruticilla mesoleuca* (Ehr.), Cab. J. f. Orn. 1854, p. 446, and *Ruticilla marginella*, Bp. Compt. Rend. xxxviii. p. 8 (1854).
286. Ehrenberg's Redstart winters, it appears, in Western Arabia, Abyssinia, and Senegal.
289. Mr. Seebohm (Cat. Turd. Brit. Mus. p. 344) separates the species found in Palestine and Syria from *R. rufiventris* under the name of *Ruticilla semirufa*, in which I cannot agree with him; and, indeed, he himself owns that "it is scarcely more than a local race."
293. Add *Motacilla ochrura*, Gmel. Reis. Russl. iii. p. 101, pl. xix. fig. 3 (1774), *Ruticilla thitis* (Scop.), Rüpp. Syst. Uebers. p. 57 (1845), and *Ruticilla ochruros* (Gmel.), Bogd. B. Cauc. p. 96 (1879).
341. Add *Melodes calliope* (Pall.), Newt. List B. Eur. Blas. p. 10 (1862), and *Cyanecula camtschatkensis* (Gmel.), Gray, Hand-l. of B. i. p. 224, no. 3202 (1869).
347. Add *Irania albigula*, Severtzoff, Turk. Jevotnie, pp. 65, 122 (1873).
- 383, line 22. Should be *Sylvia affinis*, Blyth, Cat. B. Mus. As. Soc. p. 187 (1849).
389. Add *Dumeticola subalpina* (Temm.), Homeyer, J. f. O. 1862, p. 279.
399. The bird described and figured as the adult female of *Sylvia melanothorax* is, as I have since ascertained from an examination of a further series of specimens, a young bird. The female scarcely differs from the male in plumage.
401. As stated at p. 407, I have recently ascertained that *Sylvia momus* should be separated from *Sylvia melanocephala*.
- 417, line 3. Should be *Sylvia rüppellii*, Temm. Pl. Col. iii. p. 245, fig. 1 (1823).
435. Add *Philacantha nisoria* (Bechst.), Swinh. P. Z. S. 1871, p. 355.
509. Add *Sylvia borealis* (Blas.), Gray, Hand-l. of B. i. p. 216, no. 3063 (1869), and *Phylloperneuste javanica*, Bonap. apud Salvad. Ucc. Born. p. 244 (1874).
517. Add *Sylvia flaveola*, Vieill. Nouv. Dict. xi. p. 185 (1817). *Salicaria hypolais* (Linn.), Filippi, Mus. Mediol. p. 30 (1847), and *Hypolais salicaria* (Linn.), Fritsch, Vög. Eur. p. 161 (1870).
521. Add *Salicaria italica*, Salvadori, Att. R. Ac. Sc. Tor. iii. p. 268 (1868).
537. Add *Calamodyta elaica* (Linderm.), Gray, Gen. of B. i. p. 172 (1848), *Acrocephalus pallidus* (Ehr.), Heugl. Orn. N.O.-Afr. i. p. 294 (1869), and *Salicaria tamariceti*, Severtz. Turk. Jevotnie, pp. 66, 131 (1873).
541. Add *Salicaria microptera*, Severtzoff, Stray Feathers, iii. p. 425 (1875), and *Locustella salicaria* (Linn.), apud Tacz. Bull. Soc. Zool. Fr. 1876, p. 139.

- Page 559. *Acrocephalus agricolus* should be *Acrocephalus agricola*. Add *Salicaria modesta et gracilis*, Severtzoff, Turk. Jevotnie, p. 66 (1873).
561. Add *Acrocephalus montanus* (Sykes), Blyth, J. As. Soc. Beng. xiv. p. 594, and *Salicaria euryncha, sphenura, et concolor*, Severtzoff, Turk. Jevotnie, pp. 66, 128, 130 (1873).
573. Add *Sylvia (Calamoherpe) fruticola*, Naum. Vög. Deutschl. xiii. p. 453 (1853), and *Salicaria macronyx*, Severtzoff, Turk. Jevotnie, pp. 66, 128 (1873).
579. Add *Acrocephalus lacustris*, Naum. Naturg. Land- u. Wasser-Vög. Nachtr. iv. p. 201 (1811), *Hydrocopsichus turdoides* (Mey.), Kaup, Natürl. Syst. p. 121 (1829), *Sylvia turdina*, Gloger, Handb. Naturg. p. 312 (1842), *Calamoherpe turdina* (Glog.), Schlegel, Vög. Nederl. p. 142 (1854), *Salicaria arundinacea* (Linn.), Harting, Handb. Brit. B. p. 14 (1872), and *Acrocephalus fulvolateralis*, Sharpe in Layard's B. of S. Afr. p. 289 (1877).
585. Add *Calamodyta stentorea* (Ehr.), Gray, Hand-l. i. p. 207, no. 2930 (1869).
591. Add *Calamoherpe cariceti* (Naum.), Boie, Isis, 1822, p. 552, and *Calamoherpe limicola et striata*, C. L. Brehm, Vög. Deutschl. pp. 451, 452 (1831).
597. Add *Sylvia tritici et subphragmitis*, L. Brehm, Naumannia, 1855, p. 284.
- 600, line 16. Since writing this, Mr. Seebohm has found this Warbler breeding as far east as the Yennesei, in Siberia.
605. Add *Acrocephalus melanopogon* (Temm.), Irby, Orn. Str. Gibr. p. 223 (1875), and *Calamodus melanopogon* (Temm.), Blanf. E. Pers. ii. p. 198 (1876).
606. I have subsequently examined two specimens of this Warbler from Corsica, obtained there by Mr. C. Bygrave Wharton.
611. Add *Locustella sibilans*, Gould, B. of Eur., letterpress to pl. 102 (1837), *Calamodyta locustella* (Lath.), Gray, Hand-l. B. i. p. 210, no. 2972 (1869), *Threnetria locustella* (Lath.), Schauer, J. f. O. 1873, p. 183, and *Locustella locustella* (Lath.), Seebohm, Cat. Passerif. Brit. Mus. p. 115 (1881).
- 613, line 12. For *Locustella hendersoni* read *Locustella straminea* (Severtz.).
617. Add *Locustella macropus et hendersoni* (Cass.), Swinhoe, P. Z. S. 1863, pp. 93, 444. *Calamodyta hendersonii* (Cass.), Gray, Hand-l. of B. i. p. 210. no. 2976 (1869).
- 621, line 5. For (1819) read (1811). Add *Potamodus fluviatilis* (Wolf), Kaup, Natürl. Syst. p. 123 (1829).
627. Add *Calamoherpe luscinioides* (Savi), Schlegel, Vog. Nederl. p. 149 (1854), *Lusciniopsis luscinioides* (Savi), Newt. in Blas. List B. Eur. p. 11 (1862), *Pseudoluscinia luscinioides* (Savi), Shelley, B. of Egypt, p. 89 (1872), *Acrocephalus luscinioides* (Savi), Newt. in Yarr. Brit. B. i. p. 389 (1873), *Threnetria acheta*, Schauer, J. f. O. 1873, p. 183, and *Potamodus luscinioides* (Savi), Blanf. E. Pers. ii. p. 199 (1876).
633. Add *Calamoherpe certhiola* (Pall.), Boie, Isis, 1822, p. 552, and *Parnopia certhiola* (Pall.), Newt. in Blas. List Eur. B. p. 11 (1862).
639. For *Bradypterus cettii* read *Cettia cettii*. Add *Sylvia fulvescens* (Gm.), Vieill. Faun. Franç. i. p. 208 (1820), and *Bradyptetes cettii* (Marm.), Blanf. E. Pers. ii. p. 200 (1876). And expunge from synonyms *Bradypterus platyurus*, Swains., and at p. 643 the paragraph in lines 33-40 respecting this bird.

VOL. III.

- Letterpress to Vol. III., p. 6, species 179. *Carduelis elegans*, for part 60 (1877), read part 40 (1875).
- „ „ p. 6, species 180. *Chrysomitris citrinella*, for parts 63, 64 (1877), read parts 43, 44 (1875).
- Page 1, line 17. For It flight read Its flight.
49. For *Calamophilus biarmicus* read *Panurus biarmicus*.
- 79, line 7. For *Musvil-meise* read *Musvit-meise*.
- 120, lines 22 and 23. For *Parus borealis* read *Parus palustris*.
125. For Siberian Marsh-Titmouse read Lapp Titmouse. Plate 112, for Scandinavian Titmouse read Lapp Titmouse.
176. *Sitta rupicola*, Blanf., proves on examination of a larger series to be a bad species; and this name will sink into a synonym of *Sitta neumayeri*.
183. Mr. Seebohm, who has lately been working out the Nuthatches, informs me that he has, after an examination of a larger series than I had available when I wrote this article, decided to separate the Eastern or Asiatic form, to which I refer in lines 34–39, specifically from the European bird; and in this view I am now inclined to agree with him. This being the case, the Eastern form will stand as *Sitta syriaca*, Ehr., and the European bird as *Sitta neumayeri*, Michah.,—*Sitta tephronota*, Sharpe (referred to on p. 176), being a synonym of the Asiatic bird; and *Sitta syriaca* will have to be expunged from the synonyms on p. 183, but *Sitta rupicola*, Blanf., will have to be added.
- Sitta syriaca*, Ehr., is found in Palestine, Syria (whence it was first described), Turkestan, and Afghanistan.
295. *Anthus seebohmi*. Since the article on this species was published I have ascertained that it is identical with *Anthus gustavi*, Swinh., under which name it will consequently stand; and, as lately pointed out by Mr. Seebohm in his notes on the ornithology of Siberia, it has since been found to have a very wide range, having been met with on the Ob (*Finsch and Brehm*), the Yennesei (*Seebohm*), Lake Baikal (*Dybowski*), Tschuski Land, north of Kamtchatka (*Baron Meydell*), Behring Isle (*Wossnessensky*), Batchian (*Wallace*), Manilla and Celebes (*Brüggemann*), Borneo and Negros (*Mus. Brit.*). The synonymy of this species will therefore now be as follows:—
- Anthus gustavi*, Swinhoe, P. Z. S. 1863, pp. 90, 273.
- Anthus batchianensis*, G. R. Gray, Hand-l. of B. i. p. 251, no. 3642 (1869).
- Anthus seebohmi*, mihi, B. of Eur. part xlv. (1875).
375. *Lanius excubitor*. Since the article on this species was written the Grey Shrikes have been worked at most carefully by several authors; and the amount of literature added to the subject is by no means small. It is scarcely advisable here to treat fully of the question as to how many of the various forms of the Grey Shrike should be treated as species; for lately a vast number of skins of Grey Shrikes from Asia have reached England, showing that there are not a few different forms, some of which may possibly be treated as distinct species, and to treat the

subject fully would entail a long article. I trust, however, when I can get leisure to do so, to take the subject in hand again. Should the various forms be treated as good species, two more Grey Shrikes at least, *Lanius homeyeri*, Cab., and *Lanius major*, Pall., will have to be added to the European list.

Page 376, line 14. *For Parrex read Parvex.*

377, line 35. *For Dubowski and Parrex read Dybowsky and Parvex.*

380, line 35. *For Parrex read Parvex.*

381. Mr. Seebohm (Ibis, 1880, p. 186) does not agree with our identification of the Western bird with *Lanius lahtora*, Sykes, and treats of this Western form as *Lanius fallax*, Finsch; but I cannot see that this separation is practicable.

409, line 36. *For Ortakeny read Ortakeuy.*

413. Mr. J. Scully assures me that he can always separate *Lanius phœnicuroides* from *Lanius isabellinus*, even in the immature plumage, and that he obtained in Yarkand many specimens of the latter in breeding-plumage not differing in colour from winter examples; and he says (Ibis, 1881, p. 434) that in the adult dress *L. phœnicuroides* differs from *L. isabellinus* in having a differently shaped wing and tail, in the wing-speculum being larger, the lower surface white, the entire lores black, the head more rufous than the back, and the quills more black; and to this species he refers my Plate No. 152. I cannot, however, state my own convictions as to the correctness of his views until I have had time to investigate the matter again more fully.

453, line 22. *For Sortoch read Sort och.*

466, line 30. *For Sicily read Scilly.*

505, 513, and 521. *For COTYLE read COTILE.*

586. Since writing the article on *Passer italiae* I have examined the specimens obtained by Mr. Wharton at Ajaccio, in Corsica; and they are certainly referable to this species.

VOL. IV.

Page 17, line 36. *For Summerfeldt read Sommerfeldt.*

31. *Linaria cannabina* should be *Linota cannabina*.

69. *For Carpodacus rubicillus read Carpodacus rubicilla.*

78, line 24. *For Parrex read Parvex.*

81, line 1. *For Parrex read Parvex.*

82, line 17. *For Temscken read Tschimkent.*

171, line 10. *For Dosyanka read Owsianka.*

227, line 39. *For Parrex read Parvex.*

341. *Alauda brachydactyla*, Leisler, Ann. Wetterau. Gesellsch. should be (1814) and not (1809).

383. *For Rhamphocoris read Rhamphocorys.*

437. Add *Coracia gracula* (Linn.), Gray, Gen. of B. ii. p. 321, and *Gracula gracula* (Linn.), Sharpe, Cat. Coleomorphæ, p. 146 (1877).

445. Add *Pyrrhocorax forsythi*, Stoliczka, Str. Feathers, 1874, p. 462.

Page 487, line 3. *For* 1843 *read* 1842.

523. Add *Colæus monedula*, Sharpe, Cat. Coleomorphæ, p. 26 (1877).
 531. Add *Corone corone*, Sharpe, Cat. Coleomorphæ, p. 36 (1877).
 543. Add *Corone cornix*, Sharpe, Cat. Coleomorphæ, p. 31 (1877).
 551. Add *Trypanocorax frugilegus* (Linn.), Expl. Sci. Alg. Ois. i. p. 113.
 559. Add *Corax brachyurus*, A. E. Brehm, Erg. einer Reise nach Habesch, p. 323 (1863),
 and *Rhinocorax affinis* (Rüpp.), Sharpe, Cat. Coleomorphæ, p. 46 (1877).
 563. Add *Corvus leptonyx*, Sharpe, Cat. Coleomorphæ, p. 19 (1877).

VOL. V.

- 47, line 12. *For* Mellauspet *read* Mellanspet.
 95, line 10. *For* Grahöfdad *read* Gråhöfdad.
 141. *For* CORACIAS GARRULA *read* CORACIAS GARRULUS.
 199, 203. *Cuculus rochii*. Professor Newton writes (Yarr. Brit. B. ed. 4, p. 406, footnote),
 “Mr. Dresser regards this bird (*C. rochi*) as specifically the same as *C. canorus*,
 which seems to be an erroneous view; and MM. A. Milne-Edwards and Grandidier
 (Ois. de Madagascar, i. p. 176, pl. 66) treat it as a variety of the Indian *C. polioce-*
phalus; but that has dark irides, while those of the Madagascar bird are said on
 good authority to be orange, though M. Grandidier asserts the contrary.”
 301. Add *Surnia funerea*, Dumeril, Zool. Anal. p. 34 (nec Linn.), *Strix uralensis*, Shaw,
 Gen. Zool. vii. p. 277 (1809, nec Pall.), and *Noctua ulula* (Linn.), Schl. Mus. P. B.
 Striges, p. 42 (1862).
 304, line 36. *For* Jarostaf *read* Jaroslaf.
 309. Add *Surnia hudsoni* (Gm.), Jameson, ed. Wils. Am. Orn. i. p. 90 (1831), and *Surnia*
ulula, Cass. Cat. Strig. Phil. Mus. p. 17 (nec Linn.).
 319. Add *Ulula tengmalmi* (Gm.), Bp. Oss. Regn. Anim. Cuv. p. 53 (1830), *Scotophilus*
tengmalmi (Gm.), Swains. Classif. of Birds, ii. p. 217 (1837), *Nyctale dasypus*
 (Bechst.), Gray, List of Gen. of B. p. 6 (1840), and *Syrnium funereum*, Heugl. Orn.
 N.O.-Afr. i. p. 123 (1869, nec Linn.).
 340, line 43. *For* lighest *read* lightest.
 349. Add *Noctua pygmæa*, Steph. in Shaw's Gen. Zool. xiii. pt. 2, p. 63 (1826), *Noctua*
arcadica, Cuv. Règ. Anim. p. 345 (1829), and *Glaucidium pygmæum et micorhyn-*
chum, Brehm, Naumannia, 1855, p. 273.
 349, line 11. *For* Dwerquill *read* Dwerguil.
 357. Add *Strix passerina*, Gmel. Syst. Nat. i. p. 296 (1788), *Athene passerina* (Gm.), Boie,
 Isis, 1822, p. 549, *Carine noctua* (Retz), Kaup, Natürl. Syst. p. 29 (1829), *Noctua*
passerina (Gm.), Cuv. Règ. Animal, i. p. 345 (1829), *Scotophilus nudipes* (Nilss.),
 Jard. Brit. B. i. p. 274, *Noctua nudipes* (Nilss.), Gould, B. of Eur. i. pl. 48 (1838),
Athene psilodactyla (Nilss.) et *indigena*, Brehm, Naumannia, 1855, p. 270, *Noctua*
veterum, Schl. Mus. Pays-Bas, Striges, p. 28 (1862), and *Noctua minor*, Degl. &
 Gerbe, Orn. Eur. i. p. 122 (1867).
 434, line 28. *For* Wiutegra *read* Wuitegra.

- Page 521. Add *Aquila crassipes*, Hodgs. in Gray's Zool. Misc. p. 81 (1844), *Aquila mogilnik*, Strickl. Orn. Syn. p. 57 (1855), and *Aquila bifasciata*, Saunders, P. Z. S. 1871, p. 37.
523. The plate published by Jaubert and Barthélemy Lapommeraye (line 41) represents a variety of *Aquila chrysaetus* and not *Aquila mogilnik*; and the latter species does not, so far as I can ascertain, occur in the south of France.
575. Add *Nisaetus bonellii* (Temm.), Jerd. B. of Ind. i. p. 67 (1862).
599. Add *Falco minutus*, Linn. Syst. Nat. i. p. 131 (1766), *Accipiter fringillarius*, Vig. Zool. Journ. i. p. 338 (1824), *Nisus peregrinus*, Brehm, Vög. Deutschl. p. 88 (1831), *Accipiter nisosimilis*, Blyth, J. A. Soc. Beng. xii. p. 311 (1843), *Accipiter subtypicus*, Hodgs. in Gray's Zool. Misc. p. 81 (1844), *Nisus major*, Jaub. Mots. Eur. Orn. p. 29 (1851), and *Nisus intercedens*, Brehm, Naumannia, 1855, p. 269.
633. Add *Falco badius*, Krüper, J. f. Orn. 1869, p. 25.

VOL. VI.

69. Add *Dendrofalco subbuteo* (L.), Gray, List of Gen. of B. p. 3 (1840), *Dendrofalco hirundinum et arboreus*, Brehm, Naumannia, 1855, p. 269, and *Hypotriorchis cuvieri*, Gray, Hand-l. of B. i. p. 20 (1869, nec Smith).
- Plate 38. For *Falco regulus* read *Falco asalon*.
- Page 93. Add *Falco rufus*, Scop. Del. Faun. & Flor. Insubr. ii. p. 36, pl. xix (1786), *Falco erythrorurus*, Raf. Caratt. N. G. Av. p. 5 (1810), *Falco rubripes*, Less. Traité, p. 93 (1831), and *Erythropus pallidus et minor*, Brehm, Naumannia, 1855, p. 269.
103. Add *Hypotriorchis arcadicus*, Gray, Gen. of B. i. p. 20 (1844), *Falco plumbeus*, Brehm, Naumannia, 1856, p. 236, and *Falco gracilis*, A. et L. Brehm, Naumannia, 1856, p. 232.
107. To range, add N.E. Africa, where Brehm obtained it near Cairo in September 1851.
113. Add *Falco alaudarius*, Gmel. Syst. Nat. i. p. 279 (1788), *Falco architinnunculus*, C. L. Brehm, Vög. Deutschl. p. 70 (1831), and *Cerchneis tæniura, intercedens, accedens, fasciata et guttata*, Brehm, Naumannia, 1855, p. 269.
- 120, line 30. For Azores read Cape-Verd Islands.
- 125, line 3, should be *Falco cenchris*, Naumann, Vög. Deutschl. i. p. 318 (1818); and line 4, *Falco naumanni*, Fleischer in Sylvan, 1818, p. 175. Add *Cerchneis paradoxa, ruficeps et ruficauda*, Brehm, Naumannia, 1855, p. 269, and *Cerchneis naumanni* (Fleisch.), Sharpe, Cat. Accip. p. 435 (1874).
- 182, line 3. For adult female read young female.
- 297, line 5. For p. 41 read p. 48.
- 319, line 1. For *Platea leucorodia* read *Platalea leucorodia*.
335. Add *Tantalus falcinellus*, Bechst. Orn. Taschenb. p. 272 (1803).
469. For *Anas boschas* read *Anas boscas*.
- 483, and Pl. 423. The male and female being so much alike, only one figure is given on the Plate.
- 511, line 9. For Ortakeny read Ortakeuy.

VOL. VII.

- Plate 483. fig. 1 represents the spring dress of the male; fig. 2, that of the female in summer; and fig. 3, that of the male in summer.
- Page 283, line 3, *for* p. 126 *read* p. 108; line 15, *for Phasaridion read Phalaridion.*
- 291, line 7. *Read Crex pratensis*, Bechst. Orn. Taschenb. p. 337 (1803).
- 337, line 14. Pl. lxii. in Faun. Lap. does not represent *Grus communis*, but a distinct species, *Grus schlegelii*, Blyth; but the description in the letterpress of the same work applies to *Grus communis*.
- 343, line 26. The *Grus cinerea longirostris*, Temm. & Schlegel, from Japan, appears to be a bird distinct from *G. communis*, and is *Grus schlegelii*, Blyth. Cf. Blyth's 'Monograph of the Cranes,' p. 78.
351. In Bechstein's 2nd ed. of his Gemeinn. Naturg. der Vög. Deutschlands, vol. iii. p. 103 (1809), he calls the Crane *Grus cinerea*; but of course this name cannot stand, as he called it *G. communis* in 1793.
- 395, line 5. *For* (1835) *read* (1833-34).
- 396, line 41. *For Olis read Otis.*
- 402, line 13. *Read Young* resembles the adult bird, but is *darker &c.*
- 436, line 21. *For* right-hand figures *read* left-hand figures.
- Plate 515. In some of the impressions of this Plate the hind claw has been omitted in the figure of *Squatarola helvetica*.
- Page 451. Mr. Seebohm found the Eastern Golden Plover breeding in Eastern Siberia, and gives (Ibis, 1879, pp. 153, 154) some most interesting notes on its nidification and habits.
587. Add *Himantopus melanopterus*, Meyer, Wetter. Ann. iii. p. 177 (1812).
615. *Scolopax rusticola* should stand as *Scolopax rusticula*.
- Plate 542. *For gallinaria read caelestis.*

VOL. VIII.

- Plates to Vol. VIII. p. viii, no. 631, *for Podiceps auratus read Podiceps auritus.*
- Page 16, line 28. *For minutella read minutilla.*
- 18, line 28. *For Ægialite read Ægialites.*
- 29, line 4. *For* 1811 *read* 1812.
- 45, line 4. *For* ii. p. 75 (1811) *read* i. p. 64 (1812).
51. Expunge from the synonyms *Chorlito pestorejo pardo*, Azara, and *Tringa fuscicollis*. Bonn & Vieill., and put a query after *Tringa campestris*, Licht.
59. Add *Scolopax subarquata*, Güld. Nov. Comm. Acad. Petrop. xix. p. 471 (1774).
119. *Actiturus longicaudus* should stand as *Bartramia longicauda* (cf. p. 117).
151. To the synonymy of *Totanus stagnatilis* add *Glottis stagnatilis* (Bechst.), Koch, Baier. Zool. i. p. 306 (1816), and *Ilyornis*, Kaup (*Tot. stagnatilis*, Bechst.), Natürl. Syst. p. 156 (1829).
- 203, line 9. *For* (1811-1815) *read* (1813).
- 211, line 10. *For* (1811-1815) *read* (1813). Add *Gambetta limosa*, Koch, Baier. Zool. p. 308 (1816).

- Page 237. Add *Numenius australis*, L. Brehm, Naumannia, 1855, p. 291.
 240, lines 8 & 9. Expunge all notes respecting its nidification in Malta (cf. p. 231).
 243. For *Numenius arquatus* read *Numenius arquata*.
 255. Add *Sterna pikei*, Lawr. Ann. Lyc. N. Y. vi. p. 3 (1853), "*Sterna senegalensis*, Sw.," Schlegel, Mus. Pays-Bas, *Sterna*, p. 16 (1863), and *Sterna portlandica*, Ridg. Am. Nat. viii. p. 433 (1874).
 263. Add *Larus bicolor*, *Larus sterna* et *Larus columbinus*, Scop. Ann. I. Hist. Nat. p. 82 (1769).
 337. Add "*Xema sabini*, Leach," J. Ross, App. Ross's Voyage, p. 57 (1819), 4to ed.
 369, line 7. For *ichthyaetus* read *ichthyaetum*.
 380. The second Plate is omitted in the list of plates, and will stand as 599 a.
 381. Add *Glaucus canus* (L.) and "*Glaucus lachrymosus* (Licht.)," Bruch, J. f. Orn. 1853, p. 102, *Gavina kamtschatchensis*, Bp. Naumannia, 1854, p. 212, *Gavina heinei* (Hom.) and *Gavina canus* (L.), Bruch, J. f. O. 1855, pp. 283, 284, *Larus delawar-ensis*, Coues, Proc. Ac. N. Sc. Phil. 1861, p. 246, and *Larus audouini*, Tristr. Ibis, 1868, p. 330, nec Payr.
- Plate 605. Owing to an error on the part of the colourists, the legs of the Glaucous Gull have been coloured yellow instead of light flesh.
- Page 439. Add *Larus chalconotus*, Licht. Nomencl. Av. p. 99 (1854), *Laroides glacialis*, Bruch, J. f. O. 1855, p. 22, and *Leucis chalconotus* et *arcticus*, Bp. Consp. Gen. Av. ii. p. 216 (1857).
 463. Add *Coprotheres pomarinus* (Temm.), Reich. Nat. Syst. Vög. p. v. (1852), and *Lestris pomatorhina* (Temm.), Heugl. Ibis, 1872, p. 65.
 491. For *Thalassidroma pelagica* read *Procellaria pelagica*.
 497. For *Thalassidroma leucorrhoea* read *Procellaria leucorrhoea*.
 570, line 38. For Harvie read Harvie-Brown.

INDEX.

[The antique figures designate the first page of the article on the respective species or genus.]

- abdimii (Ciconia) vi. 295.
 abessynicus (Cypselus) iv. 591.
 abietina (Crucirostra) iv. 127.
 — (Sylvia) ii. 485.
 abietinus (Falco) vi. 31.
 abietum (Nyctala) v. 319.
 — (Nyctale) v. 319.
 — (Parus) iii. 87.
 abornis (Malacocercus) ii. 585.
 Abornis ii. 467, 475.
 — tristis ii. 477.
 abyssinica (Galerida) .. iv. 286, 302, 304.
 — (Galerita) iv. 286, 290.
 abyssinicus (Asio) v. 267.
 — (Cuculus) v. 219.
 — (Cypselus) iv. 202, 591, 609.
 — (Phylloscopus) ii. 485, 489.
 acaciæ (Argya) iii. 24.
 — (Crateropus) iii. 21.
 acadica (Nyctala) v. 317.
 — (Nyctale) v. 350.
 — (Strix) v. 349.
 Acanthis iii. 527.
 iv. 29.
 — brevirostris iv. 65.
 — carduelis iii. 527.
 — flavirostris iv. 65.
 — holbölli iv. 37.
 — linaria iv. 37.
 — montium iv. 59.
 — rufescens iv. 47.
 — spinus iii. 541.
 Acanthopneuste ii. 467.
 Acanthus iii. 525.
 Acanthylis iv. 611, 613, 617.
 — caudacuta iv. 613.
 — nudipes iv. 613.
Acanthyllis iv. **611**, 617.
 — caudacuta . iv. 611, **613**, 615.
 Acanthyllis gigantea iv. 616.
 — indica iv. 615.
 accedens (Carduelis) iii. 527.
Accentor ii. 339.
 iii. **27**.
 Accentor alpinus iii. 29, 32, 41.
 iv. 209.
 — calliope ii. 341.
Accentor collaris iii. 27, **29**.
 Accentor erythropterygius iii. 32.
 — fulvescens iii. 35, 36, 37.
 — major iii. 29.
Accentor modularis ii. 616.
 iii. 33, **39**, 41, 42.
 v. 210.
 — **montanellus** .. iii. **35**, 36, 37.
 Accentor pinetorum iii. 39.
 — rubidus iii. 40, 42.
 — subalpinus iii. 29.
 — temmincki iii. 35, 36, 37.
 Accentoridæ iii. 27.
 Acciper ærginosus v. 415.
Accipiter v. 235, 371, 413, 447,
 469, 561, 585, **597**, 641.
 vi. 1, 13, 137.
 Accipiter astur v. 587.
 — badius v. 633, 638.
 — brachydactylus v. 638.
Accipiter brevipes v. 597, 619,
 633, 636, 638.
 Accipiter buteo v. 449.
 — buteo apivorus vi. 3.
 — circus v. 415.
 — circus major v. 587.
 — circus palustris v. 415.
 — circus rufus v. 415.
 — circus varius v. 587.
 — falco vi. 31.
 — falco &c. carolinensis vi. 139.
 — falco hornotinus vi. 31.
 — falco islandicus vi. 25.
 — falco leucocephalus v. 471.
 Accipiter falco peregrinus vi. 31.
 — falco torquatus v. 431.
 — falco tunetanus vi. 47.
 — ferox v. 463.
 — gabar v. 635.
 — gurneyi v. 633.
 — gyrfalco vi. 15.
 — gyrfalco islandicus vi. 25.
 — haliaëtus vi. 139.
 — hypoleucus v. 563.
 — korschun v. 652.
 — lacertarius vi. 3.
 — lanarius cinereus v. 431.
 — madagascariensis v. 638.
 — major v. 610, 611.
 — melaschistus .. v. 614, 615, 616, 620,
 623, 630.
 — milvus v. 651.
 — milvus niger v. 651.
 — milvus regalis v. 643.
 — nisosimilis v. 599.
Accipiter nisus . v. 597, **599**, 605,
 606, 609, 611, 613, 615, 636, 638.
 Accipiter palumbarius v. 587.
 — polyzonoides v. 633.
 — regalis v. 643.
 — sphenurus v. 633, 638.
 — subtypicus v. 615.
 — variabilis v. 431.
 — virgatus v. 628.
 accipitrina (Stryx) v. 257.
accipitrinus (Asio) .. v. 249, **257**.
 vii. 633.
Acredula iii. **61**, 68.
 — caudata .. iii. 61, **67**, 68, 70,
 73, 74, 104.
 — **irbii** iii. 68, 70, **73**, 74.
 — **rosea** iii. **63**, 68, 69, 70, 73, 74.
 — **tephronota** iii. 68, 69, **75**.
 acredula (Motacilla) ii. 469.

INDEX.

acredula (Phyllopeuste) ii. 491.
 Acridiornis ii. 609.
 — lanceolata ii. 617.
 Acridotheres iv. 421.
 — roseus iv. 423.
 — tristis iv. 428.
Acrocephalus ii. 515, 545, **557**,
 562, 564, 582, 603, 609.
 — **agricolus** ii. **559**, 561, 565.
 — **aquaticus** ii. **591**.
 v. 210.
 Acrocephalus arabicus ii. 579.
Acrocephalus arundinaceus
 ii. 557, 567, 572, **579**,
 582, 585, 586, 588.
 v. 210.
 Acrocephalus brunnescens ii. 585.
Acrocephalus dumetorum ii. 535,
 560, **561**, 564.
 Acrocephalus fluviatilis ii. 611.
 — lacustris ii. 579.
 — montanus ii. 561.
 — orientalis ii. 580, 582, 585.
Acrocephalus palustris ii. 562,
 565, 572, **573**, 574, 577.
 v. 210.
 Acrocephalus phragmitis ii. 597.
 — salicarius ii. 591.
Acrocephalus schoenobæus
 ii. 511, **597**, 605, 607.
 v. 210.
 Acrocephalus stagnatilis ii. 621.
Acrocephalus stentoreus ii. 570,
 582, **585**.
 — **streperus** ii. **567**, 569,
 570, 573, 574, 576, 577.
 v. 210.
 Acrocephalus turdoides ii. 579.
 Actidurus viii. 109, 117, 119.
 — longicaudus viii. 119.
 — nævius viii. 111.
 Actitis viii. 109, 117, 125, 199, 201.
 — bartrami viii. 119.
 — empusa viii. 127.
 — glareola viii. 143.
 — hypoleuca viii. 199.
 — hypoleucos viii. 127, 182.
 — limosa viii. 211.
 — megarhynchos viii. 127.
 — ochropus viii. 135.
 — rufescens viii. 111.
 — schlegeli viii. 127.
 — stagnatilis viii. 127.
Actiturus viii. **117**.
 Actiturus bartrami viii. 119.
 — bartramius viii. 119.
Actiturus longicaudus viii. 117,
119.

Actiturus rufescens viii. 111.
 Actochelidon viii. 253, 301.
 — aculflavida viii. 301.
 — affinis viii. 285.
 — cantiaca viii. 301.
 — maxuriensis viii. 285.
 — media viii. 285.
 Actodromas viii. 9.
 — maculata viii. 11, 18.
 — minuta viii. 29.
 — minutilla viii. 51.
 — wilsoni viii. 51.
 Actodromus bonapartii viii. 15.
 — melanotos viii. 15.
 aculflavida (Actochelidon) viii. 301.
 — (Sterna) viii. 301.
 aculflavidus (Thalasseus) viii. 301.
 aculeata (Sitta) iii. 177.
 acuta (Anas) vi. 472, 517, 518,
 523, 531, 534.
acuta (Dafila) vi. 529, **531**.
 acuta (Querquedula) vi. 531.
 — (Trachelonetta) vi. 531.
 acutus (Phasianurus) vi. 531.
adalberti (Aquila) v. 514, **517**,
 518, 522, 525, 532.
 adalberti major (Aquila) v. 517.
 — minor (Aquila) v. 517.
 adamsi (Colymbus) viii. 607, 610, 613, 614.
 Adelura erythrogastra ii. 305.
 Adophoneus ii. 375.
 — undatus ii. 435.
 — undulatus ii. 435.
 Adophonus nisorius ii. 435.
 Adornis ii. 375.
 — hortensis ii. 429.
 adpersa (Strix) v. 237.
 — (Strix flammea) v. 237.
 adpersus (Botaurus) vi. 289.
 advena (Alcedo) v. 113.
 — (Corvus) iv. 551.
 — (Sitta) iii. 169.
 ædium (Syrnium) v. 271.
Ædon ii. **545**.
 Ædon bruchii ii. 553.
 — bruchii brachyrhynchos ii. 553.
 — bruchii macrorhynchos ii. 553.
Ædon familiaris ii. 545, 548,
 549, 552, **553**, 554.
 — **galactodes** ii. 349, 415, 416,
 545, **547**, 549, 551, 553, 554, 555.
 Ædon galactodes brachyrhynchos ii. 547.
 — galactodes macrorhynchos ii. 547.
 — meridionalis ii. 547.
 — meridionalis brachyrhynchos ii. 547.
 — meridionalis macrorhynchos ii. 547.
 — minor ii. 547.
 — pallens ii. 547.
 — pallens brachyrhynchos ii. 547.
 — pallens macrorhynchos ii. 547.

Ædon rubiginosa ii. 547.
 ædon (Troglodytes) iii. 217, 229.
 ædonia (Sylvia) ii. 429.
 Ægialites auritus vii. 497.
 — cantianus vii. 483.
 viii. 414.
 — curonicus vii. 491, 495.
 — dealbatus vii. 483, 487.
 — hiaticuloides vii. 497.
 — intermedius vii. 497, 501.
 — philippinus vii. 491.
 — pusillus vii. 491.
 — semipalmatus viii. 18.
 — zonatus vii. 491.
Ægialitis vii. **473**, 481.
 viii. 56.
 Ægialitis albifrons vii. 483.
 — albigularis vii. 483.
Ægialitis asiatica vii. 476, 478,
479, 481, 505.
 — **cantiana** vii. **483**, 484.
 Ægialitis cantianus vii. 483.
Ægialitis curonica vii. **491**, 499,
 500.
 Ægialitis dealbata vii. 484.
 — fluviatilis vii. 491.
Ægialitis geoffroyi vii. **475**,
 476, 481, 505.
 Ægialitis gigas vii. 479.
 — gracilis vii. 491.
Ægialitis hiaticula vii. 473, 481,
 488, 492, 494, 495, 496, **497**, 505.
 viii. 107.
 Ægialitis homeyeri vii. 483.
 — leschenaulti vii. 475.
 — minor vii. 491.
 — minutus vii. 491, 494, 495.
 — mongolica vii. 476, 477, 478.
 — nivosa vii. 484, 487.
 — philippensis vii. 494.
 — pygmæa vii. 491.
 — ruficeps vii. 483.
 — septentrionalis vii. 497.
 — vereda vii. 480, 505.
 Ægialophilus vii. 473, 483.
 — cantianus vii. 483.
 Ægiothus iv. 29, 268.
 — borealis iv. 38.
 — brevirostris iv. 65.
 — canescens iv. 37, 51.
 — canescens, var. exilipes iv. 51.
 — exilipes iv. 51.
 — fuscescens iv. 37, 39.
 — holboellii iv. 37.
 — linarius iv. 37.
 — linaria, var. exilipes iv. 51.
 — rufescens iv. 37, 47.
 — sibiricus iv. 52.
Ægithalus iii. 47, 60, **157**.
 Ægithalus biarmicus iii. 49.

INDEX.

Ægithalus castaneus iii. 161, **165**, 166.
 Ægithalus coronatus..... iii. 166.
 — macronyx iii. 166.
Ægithalus pendulinus .. iii. 157, **159**, 165, 166.
 Ægithalus pendulinus, var. jaxartica
 iii. 159.
 ægithus (Circus)..... v. 431.
ægocephala (Limosa).... viii. 208, **211**, 213, 241.
 ægocephala (Scolopax) viii. 211.
 ægocephalus (Totanus) viii. 211.
 Ægolius v. 249, 317.
 — brachyotus v. 257.
 — capensis v. 265.
 — otus v. 251.
 — tengmalmi v. 319.
 ægolius (Brachyotus)..... v. 257.
 — (Stryx) v. 257.
 Ægyptius v. 381.
 vi. 13.
 — cinereus v. 383.
 — niger v. 383.
 — tinnunculus vi. 113.
 ægyptius (Milvus) v. 657.
 ægyptia (Hyas)..... vii. 521.
 ægyptiaca (Chenalopex) vi. 407.
 — (Columba) vii. 55.
 — (cornix) (Corvus)..... iv. 543.
 — (Gallinago) vii. 642.
 — (Hyas) vii. 521.
 — (Peristera) vii. 55.
 — (Pyrgita) iii. 593.
 ægyptiacus (Neophron) v. 391.
 — (Perenopterus) v. 391.
 — (Pluvianus) vii. 521.
 — (Porphyrio)..... vii. 303.
 ægyptius (Blepharomerops) v. 165.
ægyptius (Caprimulgus) iv. **629**.
 ægyptius (Charadrius) vii. 521.
 — (Cursorius) vii. 521.
 — (Falco) v. 657.
 — (Merops) v. 165, 171.
ægyptius (Milvus) .. v. 654, **657**.
 ægyptius (Nycticorax) vi. 270.
ægyptius (Pluvianus) .. vii. **521**.
 ægyptius (Vanellus) vii. 545.
 — (Vultur) v. 373, 391.
 æquatorialis (Gallinago)..... vii. 646.
 æquinoctialis (Ardea) vi. 245, 250.
 æquipar (Circus) v. 441.
 — (Falco) v. 441.
 Ærolia varia viii. 59.
 æruginosus (Acciper) v. 415.
 — (Buteo) v. 415.
æruginosus (Circus) v. **415**, 429, 444, 652.
 viii. 319.
 æruginosus, var. byzantinus (Circus) v. 415.

æruginosus (Falco)..... v. 415.
 Aesalon vi. 13, 83.
 — lithofalco vi. 83.
 — orientalis vi. 83.
 — regulus vi. 83.
æsalon (Falco).... vi. **83**, 97, 128.
 æsalon alaudarius (Falco) vi. 83.
 — (Hypotriorchis) vi. 83.
 — major (Hypotriorchis) vi. 83.
 — minor (Hypotriorchis) vi. 83.
 — (Lithofalco)..... vi. 83.
 Æstelata viii. 543, 549.
 — bulweri viii. 551.
 — diabolica viii. 545.
 — hæsitata viii. 545.
 æthiopica (Ibis)..... vi. 327.
 æthiops (Fulica) vii. 327.
 ætolius (Milvus) v. 651, 657.
 affinis (Actochelidon) viii. 285.
 — (alpestris) (Alauda) iv. 387.
 — (Coracias) v. 150.
 — (Corax) iv. 559.
 — (Corone) iv. 559.
 — (Curruca) ii. 383, 386.
affinis (Corvus).. iv. 521, 533, 535, 536, 541, **559**, 560, 561, 562, 563, 564, 571.
 — (**Cypselus**) iii. 490, iv. **591**, 592.
 affinis (Fuligula) vi. 570.
 — (Gavia) viii. 365.
affinis (Larus) . viii. 400, **417**, 418.
 affinis (Micropus) iv. 591.
 — (Edicnemus) vii. 406, 407.
 — (Petrocincla) ii. 150, 158, 159.
 — (Petrocossyphus) .. ii. 149, 150, 157.
 — (Podiceps) viii. 639.
 — (Sitta) iii. 175.
 — (Sterna) viii. 285, 295.
 — (Strix) v. 238.
 — (Sylvia)..... ii. 377, 383, 386, 567.
 — (Thalasseus) viii. 285.
 — (Totanus) viii. 143.
 — (Viralva)..... viii. 295.
 afra (Peristera) vii. 57.
 africana (Anas) vi. 581.
 — (Butalis) iii. 447.
 — (Fringilla) iv. 13.
 — (Scolopax)..... viii. 59.
 — (Sterna) viii. 301.
 — (Strix)..... v. 237.
 — (Upupa)..... v. 182, 183, 184.
 africanoides (Carbo) vi. 169.
 africanus (Archibuteo) v. 471.
 — (Carbo) vi. 169.
 — (Charadrius) vii. 521.
 — (Graculus)..... vi. 169, 227.
 — (Halæus) vi. 169.
 — (Halieus) vi. 169.
 — (Limnosalus) v. 463.
 — (Microcarbo)..... vi. 169.

africanus (Numenius) viii. 59.
 — (Pelecanus) vi. 169.
africanus (Phalacrocorax) vi. **169**.
 africanus (Turnix) vii. 249.
 agilis (Anthus) iii. 306, 309.
 — (Fringilla) iii. 309.
 — (Pipastes)..... iii. 309, 313.
 agraria (Gelocheidon) viii. 295.
 agrarius (Brachyotus) v. 257.
 — (Otus)..... v. 257.
 agrestis (Alauda) .. iv. 307, 310, 311, 320.
 — (Spipola) iii. 309.
 agricola (Calamodyta) ii. 559.
 — (Calamotherpe) ii. 559.
 — (Columba) vii. 45.
 — (Corvus) iv. 534, 551.
 — (Sylvia) ii. 559.
 agricolensis (Calamodyta)..... ii. 541.
 — (Jerdonia) ii. 541.
agricolus (Acrocephalus) ii. **559**, 561, 565.
 Agrobates ii. 545, 557.
 — brunnescens ii. 585.
 — galactodes ii. 547.
 Agrodroma iii. 283.
 — campestris iii. 317.
 Agrodromas richardi iii. 325.
 agrorum (Anthus) iii. 317.
 — (Corvus) iv. 551.
 — (Corydalla) iii. 317.
 — (Linaria) iv. 37.
 ajaja (Platalea) vi. 325.
 akahige (Lusciola) ii. 332.
 Alaemon iv. 273.
 — desertorum iv. 275.
 — dupontii iv. 279.
 — jessii iv. 275.
 alandica (Anas) vi. 531.
 alascensis (Troglodytes) iii. 222, 223.
Alauda ii. 1, iii. 283, iv. 273, 283, **305**, 310, 312, 327, 339, 359, 381, 385.
 Alauda agrestis.... iv. 307, 310, 311, 320.
 — albigula iv. 395, 397.
 — albigularis iv. 307.
 — alpestris iv. 387.
 — alpestris affinis iv. 387.
Alauda arborea iii. 309, iv. **321**, 322, 323, 325, 351, 352, v. 210.
 Alauda arenaria iv. 341.
 — arenicola iv. 286.
 — arenicola, var. fusca iv. 286.
 — arenicolor iv. 335.
Alauda arvensis iv. 268, 294, 305, **307**, 310, 311, 312, 313, 315, 316, 325, 330, 356, 369, 371, 374, 375, 385.
 Alauda arvensis ruficeps iv. 373.

INDEX.

- Alauda bicornis* iv. 396, 399
 — *bifasciata* iv. 275, 280.
 — *bilopha* iv. 399.
 — *bimaculata* iv. 361, 362, 370.
 — *brachydactyla* iv. 294, 296,
 314, 341, 345, 347, 355, 369.
 vii. 388.
 — *bugiensis* iv. 307.
 — *cælipeta* iv. 307.
 — *calandra* iv. 296, 314, 341, 365,
 370, 373, 379.
 — *calandre* iv. 365.
 — *calandrella* iv. 341.
 — *calandrotte* ii. 41.
 — *campestris* iii. 317, 343.
 — *campestris spinoletta* iii. 335.
 — *cantarella* iv. 307, 310, 311,
 312, 313, 315.
 — *chendoola* iv. 285.
 — *chrysolæma* iv. 387.
 — *cinnamomea* iv. 343.
 — *clot-bey* iv. 383.
 — *cochevis* iv. 285.
 — *cœlivox* iv. 310, 312, 313.
 — *collaris* iv. 365.
 — *cornuta* iv. 387.
 — *crassirostris* iv. 307.
 — *cristata* iv. 285, 314, 371.
 vii. 388.
 — *cristata, var.* iv. 285.
 — *cristatella* iv. 286, 295, 321.
 — *deserti* iv. 329, 330.
 — *desertorum* iv. 275.
 — *deva* iv. 285.
 — *dukhunensis* iv. 341.
 — *dulcivox* iv. 307.
 — *dupontii* iv. 279.
 — *elegans* iv. 335.
 — *ferruginea* iv. 280.
 — *flava* iv. 387.
 — *galerita* iv. 285.
 — *glacialis* iv. 387.
 — *grandior* iii. 317.
 — *gulgula* iv. 285, 310, 312, 313.
 — *hermonensis* iv. 310, 343.
 — *intermedia* .. iv. 307, 312, 313, 315.
 — *isabellina* iv. 307, 309, 329.
 — *italica* iv. 307.
 — *japonica* iv. 307, 310, 313.
 — *kollyi* iv. 341.
 — *leautungensis* iv. 286, 291.
 — *leucoptera* iv. 373.
 — *longipennis* iv. 344, 356.
 — *ludoviciana* iii. 331.
 — *lusitana* iv. 330.
 — *lusitania* iv. 329, 336.
 — *malabarica* iv. 310, 312.
 — *marginpennis* iv. 286.
 — *matutina* iv. 285.
 — *minor* iii. 309.
 iv. 307, 387.

Alauda mongolica iv. 356.
 — *montana* iv. 307, 310.
 — *moreatica* iv. 316.
 — *mosellana* iii. 317.
 — *mutabilis* iv. 377.
 — *nemorosa* iv. 321.
 — *nigra* iv. 377.
 — *nivalis* iv. 387.
 — *obscura* iii. 343.
 — *paludosa* iii. 317.
 — *pekinensis* iv. 307, 312.
 — *penicillata* iv. 395.
 — *pennsylvanica* iii. 331.
 — *pensilvanica* iii. 331.
 — *petrosa* iii. 343, 345.
 — *pispoletta* iv. 355.
 — *plumata* iii. 309.
 — *pratensis* iii. 285, 335.
 — *reboudia* iv. 310.
 — *rubra* iii. 331.
 — *rufa* iii. 331.
 iv. 387.
 — *rufescens* iv. 286.
 — *sala* iv. 312, 313.
 — *segetum* iv. 307.
 — *senegalensis* iv. 285.
 — *senegalensis cristata* iv. 285.
 — *sepiaria* iii. 285, 309.
 — *sibirica* iv. 373.
 — *spinoletta* iii. 335.
 — *tartarica* iv. 378, 379.
 — *tatarica* iv. 377, 378.
 — *tenuirostris* iv. 307.
 — *testacea* iv. 341, 344.
 — *triborhyncha* iv. 310, 312, 315.
 — *triborhynchus* iv. 307.
 — *trivialis* iii. 309.
 — *undata* iv. 285.
 — *virginiana* iv. 387.
 — *vulgaris* iv. 307.
 — *wattersi* iv. 312, 313.
 — *yeltoniensis* iv. 377.
alaudarius (*Falco æsalon*) vi. 83.
 — (*Tinnunculus*) iv. 200.
 vi. 113, 116, 117.
 —, *var. japonicus* (*Tinnunculus*) vi. 114.
Alaudidæ iv. 273.
alaudipes (*Certhilauda*) iv. 273.
 — (*Upupa*) iv. 273.
Alaudula iv. 339.
 — *cheleënsis* iv. 355, 356.
alba (*Aquila*) v. 533.
***alba* (*Ardea*)** vi. **231**, 232,
 236, 237, 238, 241, 243.
 — (***Ciconia***) vi. 295, **297**,
 300, 212, 313, 316.
 vii. 357.
alba (*Egretta*) vi. 231.
 — (*Fringilla coccothraustes*) .. iii. 575.
 — (*Herodias*) vi. 231, 241.
 — (*Ibis*) vi. 339.

***alba* (*Motacilla*)** iii. 231, **233**, 236,
 239, 240, 241, 243, 256, 257, 266.
 iv. 236.
 v. 210.
alba lugubris (*Motacilla*) iii. 239.
 — (*Strix*) v. 237.
 — (*Sula*) vi. 181.
albatus (*Anser*) vi. 409, 410, 411.
***albatus* (*Chen*)** . vi. 407, **409**, 413.
albellus (*Merganser*) vi. 699.
 — (*Mergellus*) vi. 699.
***albellus* (*Mergus*)** .. vi. 693, **699**,
 702, 708.
albeola (*Anas*) vi. 589.
 — (*Bucephala*) vi. 589, 704.
***albeola* (*Clangula*)** .. vi. **589**, 592.
albeola (*Fuligula*) vi. 589.
 — (*Motacilla*) iii. 233.
albescens (*Ciconia*) vi. 297.
 — (*Circus*) v. 441.
 — (*Falco*) v. 587.
 — (*Podiceps*) viii. 665.
 — (*Tringa*) viii. 32, 33, 34, 35, 39.
albicans (*Aquila*) v. 515.
 — (*Saxicola*) ii. 191, 240.
 — (*Sylvia*) ii. 503.
albicaudus (*Falco*) v. 551.
albiceps (*Turdus*) ii. 100.
albicilla (*Aquila*) v. 551, 559.
 — (*Falco*) v. 551.
 — *borealis* (*Falco*) v. 551.
 — (*Haliaëtus*) v. 551.
 — *borealis* (*Haliaëtus*) v. 551.
 — *funereus* (*Haliaëtus*) v. 551.
 — *germanicus* (*Haliaëtus*) v. 551.
 — *groenlandicus* (*Haliaëtus*) v. 551.
 — *islandicus* (*Haliaëtus*) v. 551.
 — *orientalis* (*Haliaëtus*) v. 551.
 — (*Haliaëtus*) ii. 282.
***albicilla* (*Haliaëtus*)** v. 543, **551**, 559.
albicilla (*Saxicola*) ii. 211.
***albicollis* (*Cinclus*)** .. ii. 168, 169,
 170, 171, 180, **181**, 182.
albicollis (*Gyps*) v. 373, 380.
 — (*Himantopus*) vii. 587.
 — (*Hydrobata*) ii. 181.
 — (*Muscicapa*) iii. 459, 461.
 — (*Enanthe*) ii. 203, 208.
 — (*Otus*) v. 251.
 — (*Sylvia*) ii. 203.
 — (*Vultur*) v. 373.
albida (*Emberiza*) iv. 208, 217, 218.
albido (*corpore*) (*Strix*) v. 287.
albidus (*Buteo*) v. 449.
 — (*Falco*) v. 449.
albifasciata (*Thalassidroma*) viii. 491.
albifrons (*Ægialitis*) vii. 483.
 — (*Anas*) vi. 375.
***albifrons* (*Anser*)** .. vi. **375**, 378,
 381, 383, 384, 385, 386.

- albifrons roseipes (*Anser*) vi. 375.
 — (*Branta*) vi. 375.
 — (*Charadrius*) vii. 483.
 — (*Muscicapa*) iii. 459.
 — (*Muscicapa collaris*) iii. 459.
 — (*Nyctale*) v. 319, 323.
 — (*Strix*) v. 319.
 albigena (*Chelidon*) iii. 499.
 albigula (*Alauda*) iv. 395, 397.
 — (*Otocoris*) iv. 395.
 — (*Otocorys*) iv. 397, 401.
 — (*Phileremos*) iv. 395.
 albigularis (*Ægialitis*) vii. 483.
 — (*Alauda*) iv. 307.
 — (*Bessornis*) ii. 347, 349, 350.
 — (*Bonasia*) vii. 196.
 — (*Melanocorypha*) iv. 365, 367.
 — (*Pandion*) vi. 139.
 — (*Saxicola*) ii. 347, 349, 350.
 — (*Turnix*) vii. 249.
 albipectus (*Aquila*) v. 481.
 albipes (*Cuncuma*) v. 545.
 — (*Haliaëtus*) v. 545.
 albistriata (*Curruca*) ii. 389.
 albiulla (*Vultur*) v. 551.
 albiventris (*Carbo*) vi. 151.
 — (*Cettia*) ii. 639, 641.
 — (*Fulica*) vii. 327.
 — (*Loxia*) iv. 127, 129.
 — (*Pica*) iv. 509.
 albocinctus (*Turdus*) ii. 95.
 albogularis (*Bonasia*) vii. 193.
 albomarginata (*Saxicola*) ii. 215, 218.
 albonigra (*Saxicola*) ii. 189.
 albo-ochracea (*Fringilla*) iii. 527.
 alboterminata (*Melanocorypha*) .. iv. 361,
 362, 368.
 albus (*Mergus*) vi. 699.
 albus (*Erodicus*) vi. 231.
 — (*Eudocimus*) vi. 340.
 — (*Falco*) v. 449, 451, 533.
albus (*Lagopus*) .. vii. 162, 163, 176,
 180, **183**, 209, 213, 214, 215.
 albus (*Larus*) viii. 349, 427, 447.
 — (*Vultur*) v. 381.
Alca viii. **555**, 579, 589, 597.
 Alca alce viii. 591.
 — alle viii. 591.
 — arctica viii. 599.
 — arra viii. 575.
 — balthica viii. 557.
 — baltica viii. 557.
 — borealis viii. 563.
Alca bruennichi viii. 570,
575, 602.
 Alca brünnichii viii. 575.
 — californica viii. 570.
 — canagularis viii. 599.
 — glacialis viii. 557.
Alca impennis viii. 563.
 Alca islandica viii. 557.
 — labradora viii. 599.
 — labradorica viii. 599.
 — lomvia viii. 567, 578.
 — major viii. 563.
 — microrhynchos viii. 557.
 — pica viii. 557, 575, 578.
Alca torda vi. 184.
 viii. 555, **557**, 559.
 — **troile** viii. **567**, 578.
 Alcae viii. 555.
 alce (*Alca*) viii. 591.
 Alcedimidae v. 111.
Alcedo v. **111**, 123, 131.
 Alcedo advena v. 113.
 — bella v. 113.
 — bengalensis .. v. 111, 114, 116, 117.
 — bicincta v. 125.
 — brachyrhynchos v. 113.
 — fusca v. 133.
 — hispida v. 113.
Alcedo ispida .. v. 111, **113**, 116,
 117, 123, 127.
 Alcedo pallasii v. 113.
 — pallida v. 113.
 — rudis v. 125.
 — sindiana v. 113, 117.
 — smyrnensis v. 133.
 — subispida v. 113.
alchata (*Pterocles*) vii. 59, 62,
 63, 64, **67**, 78.
 alchata (*Pteroclorus*) vii. 67.
 — (*Tetrao*) vii. 67.
 Alcidae viii. 555, 587, 601.
 alcyon (*Ceryle*) v. 123.
 aldovandi (*Scops*) v. 329.
 Alectoris vii. 91, 111.
 alexandrinus (*Charadrius*) vii. 483.
 —, var. (*Charadrius*) vii. 491.
 alga (*Uria*) viii. 567.
 algeriensis (*Halæus*) vi. 173, 175.
algeriensis (*Lanius*) .. iii. 377, 381,
 382, 383, 388, 389, **391**.
 algira (*Motacilla*) iii. 241.
 algirus (*Gecinus*) v. 93.
 — (*Picus*) v. 93.
 alimoeh (*Vultur*) v. 391.
 Allauda brachidaactyla iv. 341.
 alle (*Alca*) viii. 591.
 — (*Arctica*) viii. 591.
alle (*Mergus*) viii. 589, **591**, 602.
 alle (*Uria*) viii. 591.
 alleni (*Cesarornis*) vii. 307.
 — (*Gallinula*) vii. 307.
 — (*Hydromia*) vii. 307.
alleni (*Porphyrio*) .. vii. **307**, 308.
 alleni (*Porphyrio-Gallinula*) vii. 307.
 alnorum (*Calamoherpe*) ii. 567.
 — (*Linaria*) iv. 37.
 alnorum (*Spinus*) iii. 541.
 alpestris (*Alauda*) iv. 387.
 — (*Butalis*) iii. 447.
 — (*Eremophila*) iv. 387.
 — (*Hirundo*) iii. 487.
 — (*Merula*) ii. 113.
 — (*Nucifraga*) iv. 451.
 — (*Otocoris*) iii. 329.
 iv. 387.
alpestris (*Otocorys*) iv. 385,
387, 395, 396, 397, 398, 399,
 400, 401, 402.
 alpestris (*Otocoryx*) iv. 387.
 — (*Parus*) iii. 103, 105, 107, 109,
 110, 111, 112, 113, 114, 115, 116.
 — (*Phileremos*) iv. 387.
 — (*Phyllopneuste*) ii. 503.
 — (*Picus*) v. 17.
 — (*Pœcila*) iii. 107.
 — (*Pœcile*) iii. 107.
 — (*Poikilis*) iii. 107.
 — (*œnanthe*) (*Saxicola*) ii. 187.
 — affinis (*Alauda*) iv. 387.
 alphanet (*Falco lanarius*) vi. 47.
 alpicola (*Montifringilla*) iii. 619.
 — (*Passer*) ii. 619.
 alpina (*Chourtka*) vii. 237.
 — (*Citrinella*) iii. 535.
 — (*Hirundo*) iv. 603.
 — (*Lagopus*) iv. 264.
 — (*Motacilla*) iii. 29.
 — (*Pelidna*) viii. 21.
 — (*Perdix*) vii. 237.
 — (*salicaria*) (*Pœcila*) iii. 107.
 —, var. americana (*Schoeniclus*) viii. 21.
alpina (*Tringa*) viii. **21**, 199.
 alpina, var. americana (*Tringa*) .. viii. 21.
 alpinus (*Accentor*) iii. 29, 32, 41,
 iv. 209.
 — (*Anthus*) iii. 335.
 — (*Cypselus*) iv. 603.
 — (*Cypselus melba*) iv. 603.
 — (*Gypaetus*) v. 401.
 — (*Lagopus*) vii. 157, 180, 184.
 — (*Micropus*) iv. 603.
 — (*Picoides*) v. 69.
alpinus (*Pyrrhocorax*) iv. 396,
 440, 441, 442, 443, **445**, 446.
 alpinus (*Tetrao*) vii. 157.
 — (*Vultur*) v. 401.
 —, var. digitata (*Pyrrhocorax*) .. iv. 445.
 —, var. hyperborea (*Lagopus*) . vii. 179.
 — minor (*Lagopus*) vii. 157.
 Alsoecus ii. 375.
 Alsoecus ii. 389.
 — conspicillata ii. 393.
 altaica (*Perdix*) vii. 97.
 altaicus (*Gypaetus*) v. 401.
 — (*Tetraogallus*) vii. 235, 238.
 altensteini (*Somateria*) vi. 643.

- alticeps (*Anthus*) iii. 285.
 — (*Archibuteo*) v. 469.
 — (*Crex*) vii. 291.
 — (*Hippolais*) ii. 521.
 — (*Luscinopsis fluviatilis*) ii. 621.
 — (*Machetes*) viii. 87.
 — (*Merula*) ii. 91.
 — (*Muscicapa*) iii. 453.
 — (*Pandion*) vi. 139.
 altifrons (*Charadrius*) vii. 435.
 altirostris (*Galerita*) iv. 286.
 altisonans (*Cettia*) ii. 639.
 altumi (*Cygnus*) vi. 441.
 Aluco v. 235, 269, 271.
 — *delicatula* v. 239.
 — *flammeus* v. 237.
 — *stridulus* v. 271.
 aluco (*Strix*) v. 237, 271, 350.
aluco (*Syrnium*) v. 269, **271**,
 272, 273, 280.
 aluco (*Ulula*) v. 271.
 amalæ (*Columba*) vii. 11.
 amaurosoma (*Nectris*) viii. 523, 524.
 — (*Puffinus*) viii. 523.
 ambigua (*Ficedula*) ii. 537.
 ambiguus (*Podiceps*) viii. 645.
 americana (*Aquila*) v. 533.
 — (*Bucephala*) vi. 595.
 — (*Butor*) vi. 289.
 — (*Calidris*) viii. 101.
 — (*Certhia*) iii. 195, 201.
 — (*Clangula*) vi. 595.
 — (*Euspiza*) iv. 155.
 — (*Fulica*) vii. 333.
 — (*Fuligula*) vi. 557.
 — (*Loxia*) iv. 129, 130, 135,
 138, 139.
 — (*Mareca*) vi. 539, 546.
 — (*Nyctea nivea*) v. 287.
 — (*Edemia*) vi. 667.
 — (*Pelidna*) viii. 21.
 — (*Pinicola*) iv. 111.
 — (*Recurvirostra*) vii. 578, 582.
 — (*Strix*) v. 237.
 — (*Strix flammea*) v. 237.
 — (*Sula*) vi. 181.
 americanus (*Asio*) v. 254.
 — (*Brachyotus palustris*) v. 257.
 — (*Chaulelasmus*) vi. 487.
 — (*Coccyzus*) v. 227.
americanus (*Coccyzus*) v. 225,
227, 231, 232, 233.
 americanus (*Corvus*) iv. 533, 535, 539.
 — (*Cuculus*) v. 227.
 — (*Cureus*) v. 227.
 — (*Cygnus*) vi. 439.
 — (*Erythrophrys*) v. 227.
 — (*Falco*) v. 533.
 — (*Lagopus*) vii. 175.
 — (*Laroides*) viii. 399.
 americanus (*Mergus*) vi. 685.
 — (*Nycticorax*) vi. 269.
 — (*Pandion*) vi. 139.
 — (*Pluvialis fulvus*) vii. 436, 445.
 —, var. *floridanus* (*Corvus*) iv. 533.
 Ammodromus iii. 47, 60.
Ammomanes iv. **327**.
 Ammomanes arenicolor iv. 335.
Ammomanes cinctura iv. 330,
335, 336.
 — **deserti** iv. 327, **329**,
 335, 336, 337.
 Ammomanes elegans iv. 335.
 — *fraterculus* iv. 329, 331.
 — *isabellina* iv. 329.
 — *isabellinus* v. 202, 210.
 — *lusitana* iv. 329.
 — *lusitanica* iv. 329.
 — *pallida* iv. 335, 336.
 — *regulus* iv. 335, 336.
Ammoperdix vii. **115**.
 — **bonhami** vii. 115, **117**,
 118, 119.
 Ammoperdix heyi vii. 115, 119.
 Ammoptila vii. 519.
 — *charadroides* vii. 521.
 Amnicola ii. 603.
 — *melanopogon* ii. 605.
 Ampelidæ iii. 373, 427, 445.
Ampelis iii. **427**.
 Ampelis cedrorum iii. 427.
Ampelis garrulus iii. 427,
429, 442.
 Ampelis phœnicopterus iii. 427.
 amphileuca (*Saxicola*) ii. 203.
 amurensis (*Aquila*) v. 507.
 — (*Erythropus*) vi. 97.
 — (*Falco*) vi. 94.
 anæsthera (*Sterna*) viii. 312.
Anas iv. 548.
 vi. 353, 387, 407, 417, 449, **467**,
 481, 485, 495, 505, 529, 539, 549,
 579, 587, 607, 615, 627, 655, 675.
 Anas acuta vi. 472, 517, 518, 523, 531, 534.
 — *africana* vi. 581.
 — *alandica* vi. 531.
 — *albeola* vi. 589.
 — *albifrons* vi. 375.
Anas angustirostris vi. **479**,
 482.
 Anas anser vi. 355.
 — *anser ferus* vi. 355.
 — *archiboschas* vi. 469.
 — *atra* vi. 663.
 — *aurantia* vi. 461.
 — *baikal* vi. 521.
 — *barrowii* vi. 603.
 — *beringii* vi. 643.
 — *berniola* vi. 389.
Anas boschas vi. 176, 222, 467,
469, 487, 490, 508, 518, 523, 623.
 Anas brachyrhynchos vi. 617.
 — *bucephala* vi. 589.
 — *carbo* vi. 657.
 — *casarca* vi. 461.
 — *caudacuta* vi. 531.
 — *caudata* vi. 531.
 — *cinerascens* vi. 663.
 — *cinerea* vi. 487.
 — *circia* vi. 513.
 — *clangula* v. 524,
 vi. 595, 603.
 — *clypeata* vi. 497, 523, 564.
 — *cogolca* vi. 541.
 — *colymbis* vi. 578.
 — *cornuta* vi. 451.
 — *crecca* vi. 472, 507, 523, 527.
 — *cristata* vi. 573.
 — *cutberti* vi. 629.
 — *cygnus* vi. 433.
 — *cygnus*, var. *mansuetus* vi. 419.
 — *dircæa* vi. 429.
 — *dispar* vi. 649, 654.
 — *eritrocephala* vi. 551.
 — *erythropus* vi. 383.
 — *falcaria* vi. 525.
 — *falcata* vi. 525, 527, 528.
 — *fera* vi. 469.
 — *ferina* vi. 551, 564, 584.
 — *ferruginea* vi. 581.
 — *fistularis* vi. 541.
 — *fistularis cristata* vi. 559.
 — *formosa* vi. 521.
 — *fraenata* vi. 565.
 — *freti-hudsonis* vi. 643.
 — *fuliginosa* vi. 657.
 — *fuligula* vi. 573, 578.
 — *fusca* vi. 657.
 — *glacialis* vi. 617, 653.
 — *glaucion* vi. 581, 595.
 — *glaucium* vi. 595.
 — *glaucium minus* vi. 573.
 — *glaucium &c.* vi. 565.
 — *glocitans* vi. 509, 521, 523.
 — *histrionica* vi. 609.
 — *hrota* vi. 397.
 — *hyberna* vi. 589.
 — *hyemalis* vi. 595, 617.
 — *hyperborea* vi. 413.
 — *islandica* vi. 603.
 — *jamaicensis* vi. 497.
 — *kekuschka* vi. 487.
 — *kogolka* vi. 541.
 — *latirostris* vi. 669.
 — *leucocephala* vi. 677.
 — *leucophthalmus* vi. 564, 581.
 — *leucopsis* vi. 397.
 — *longicauda* vi. 531, 617.
 — *longicauda islandica* vi. 617.

- Anas longicauda* &c. vi. 617.
 — *lurida* vi. 551.
 — *mansuetus* vi. 419.
 — *marila* vi. 551, 556, 565.
 — *marmorata* vi. 467, 479, 482, 584.
 — *mersa* vi. 677.
 — *mexicana* vi. 497.
 — *miclonia* vi. 617.
 — *minuta* vi. 609, 613.
 — *mollissima* vi. 629, 652.
 — *monachus* vi. 389.
 — *nigra* vi. 663.
 — *nigra et fusca* vi. 657, 663.
 — *nigra major* vi. 657.
 — *nigra* &c. vi. 669.
 — *nivalis* vi. 413.
 — *nyroca* vi. 581.
 — *occidua* vi. 649, 654.
 — *olor* vi. 419.
 — *paludosus* vi. 363.
 — *penelope* vi. 523, 541, 551.
 — *penelops* vi. 541.
 — *peregrina* vi. 595.
 — *perspicillata* vi. 669.
 — *querquedula* vi. 513, 517.
 — *querquedula carolinensis* vi. 589.
 — *querquedula ferroënsis* vi. 617.
 — *querquedula ludoviciana* vi. 589.
 — *querquedula* &c. vi. 609.
 — *rubens* vi. 497.
 — *rufa* vi. 551.
 — *ruficollis* vi. 403, 551.
 — *rufina* vi. 559.
 — *rustica* vi. 589.
 — *rutila* vi. 461.
 — *scandiaca* vi. 578.
 — *scapularis* vi. 513.
 — *segetum* vi. 363.
 — *sparrmanni* vi. 531.
 — *spectabilis* vi. 643.
 — *stelleri* vi. 649, 652, 653.
 — *strepera* vi. 487, 489, 518.
 — *subboschas* vi. 469.
 — *subterranea* vi. 565.
 — *tadorna* vi. 451.
 — *torquata* vi. 403.
 — *torquata* &c. vi. 609.
Anatidæ vi. 353, 577, 622, 637.
anatum (*Falco*) vi. 31.
anchietæ (*Telephonus*) iii. 424.
Ancylocheilus viii. 9, 59.
Ancylochilus subarquatus viii. 59.
andalusiæ (*Cuculus*) iv. 219.
andalusica (*Ortygis*) vii. 249.
 — (*Perdix*) vii. 249.
 — (*Turnix*) vii. 249.
andalusicus (*Tetrao*) vii. 249.
andamanensis (*Corvus*) iv. 533.
andersoni (*Phœnicopterus*) vi. 343.
andromeda (*Curruca*) ii. 537.
anglica (*Gelochelidon*) viii. 295.
anglica (*Laropis*) viii. 295.
***anglica* (*Sterna*)** viii. 275, 276,
 295, 299, 300, 414.
anglica (*Thalasseus*) viii. 295.
 — (*Viralva*) viii. 295.
anglicana (*Rubetra*) iii. 453.
 — (*Scolopax gallinago*) viii. 21.
anglorum (*Cymotomus*) viii. 517.
 — (*Motacilla*) viii. 277.
 — (*Nectris*) viii. 517.
 — (*Procellaria*) viii. 517.
***anglorum* (*Puffinus*)** viii. 413, 511,
 513, 515, **517**, 520, 528, 530, 531.
anglorum (*Thalassidroma*) viii. 517.
anguium (*Circaëtus*) v. 563.
angusticauda (*Sylvia*) ii. 491.
***angustirostris* (*Anas*)** vi. **479**,
 482.
angustirostris (*Chaulelasmus*) vi. 479.
 — (*Corythus*) iv. 111.
 — (*Corythus enucleator*) iv. 111.
 — (*Enucleator*) iv. 111.
 — (*Marmaronetta*) vi. 479.
 — (*Marmaronetta*) vi. 479.
 — (*Phalaropus*) vii. 597.
 — (*Querquedula*) vi. 479.
angustistriata (*Galerita cristata*) iv. 286.
anisodactyli (*Coccyges*) v. 111.
anjinho (*Procellaria*) viii. 552, 553.
annomanes iv. 327.
 — *deserti* iv. 329, 331.
 — *elegans* iv. 335.
 — *isabellina* iv. 329.
 — *regulus* iv. 335.
annulata (*Hiaticula*) vii. 497.
Anorthura iii. 217.
 — *communis* iii. 219.
 — *troglydotes* iii. 219.
Anous viii. 253, 313.
 — *l'herminieri* viii. 307.
 — *plumbea* viii. 327.
Anser vi. **353**, 387,
 407, 417, 627.
*Anser albatu*s vi. 409, 410, 411.
Anser albifrons vi. **375**, 378,
 381, 383, 384, 385, 386.
Anser albifrons roseipes vi. 375.
 — *arvensis* vi. 363, 364, 367, 373.
 — *berniela* vi. 397.
 — *berniela minor* vi. 397.
Anser brachyrhynchus vi. 357,
 369, 372, 373.
Anser brenta vi. 389.
 — *bruchii* vi. 375.
 — *casarca* vi. 461.
 — *cineraceus* vi. 383.
Anser cinereus vi. 345, 353,
 355, 359, 364, 366, 369, 372, 374.
Anser cygnus vi. 419, 433.
Anser erythropus vi. 375, 376,
 378, 379, **383**, 401, 405.
Anser ferus vi. 355, 363.
 — *finmarchicus* vi. 383.
 — *gambeli* vi. 376, 378, 381.
 — *grandinis* vi. 413.
 — *hyperboreus* vi. 409, 410, 411, 413.
 — *indicus* vi. 360.
 — *intermedius* vi. 375.
 — *lanuginosus* vi. 629.
 — *leucopsis* vi. 397.
 — *medius* vi. 355, 375.
 — *minutus* vi. 383.
 — *niveus* vi. 413.
 — *obscurus* vi. 369.
 — *pallipes* vi. 375.
 — *palustris* vi. 355.
 — *peregrinus* vi. 403.
 — *phœnicopus* vi. 369.
 — *platyrurus* vi. 363.
 — *rossii* vi. 410, 411.
 — *rufescens* vi. 363, 369, 373.
 — *ruficollis* vi. 403.
Anser segetum vi. 359, **363**,
 367, 369, 373.
Anser segetum, var. *serrirostris* vi. 363.
 — *septentrionalis sylvestris* vi. 375.
 — *sylvestris* vi. 355, 363.
 — *temminckii* vi. 383.
 — *torquatus* vi. 389.
 — *vulgaris* vi. 355.
anser (*Anas*) vi. 355.
anser ferus (*Anas*) vi. 355.
Anseres vi. 353, 562.
antaretica (*Sterna*) viii. 279.
antareticus (*Stercorarius*) viii. 458, 462.
anthirostris (*Galerita*) iv. 321.
 — (*Locustella*) ii. 611.
 — (*Locustella vera*) ii. 611.
Anthropoides vii. 335.
 — *virgo* vii. 344, 353.
Anthus iii. **283**.
Anthus agilis iii. 306, 309.
 — *agrorum* iii. 317.
 — *alpinus* iii. 335.
 — *alticeps* iii. 285.
 — *apinus* iii. 335.
 — *aquaticus* iii. 293, 331, 335, 343, 346.
 — *arboreus* iii. 305, 313, 320,
 iv. 259.
Anthus bertheloti iii. **291**,
 292, 293.
Anthus berthelotii iii. 291.
 — *blakistoni* iii. 335, 340.
Anthus campestris ii. 551,
 iii. 283, 291, 293, **317**,
 320, 322, 328, 329.
 — v. 210.
Anthus cecillii iii. 299.

- Anthus cervinus** iii. 288, 289,
297, **299**, 300, 304, 305.
307, 311, 320, 332, 339.
iv. 259, 344.
v. 210.
- Anthus coutellii** iii. 335.
— **danicus** iii. 285.
— **desertorum** iii. 285.
— **flavescens** iii. 317.
— **foliorum** iii. 309.
— **herbarum** iii. 309.
— **hiemalis** iii. 335.
— **hypogæus** iii. 331.
— **immutabilis** iii. 343.
— **japonicus** iii. 303, 304, 331, 332.
— **jerdoni** v. 210.
— **juncorum** iii. 309.
— **lichtensteini** iii. 285.
— **littoralis** iii. 343.
— **longipes** iii. 325.
- Anthus ludovicianus** iii. 283,
331, 332, 337.
- Anthus macronyx** iii. 325.
— **maculatus** iii. 317.
— **major** iii. 335.
— **massiliensis** iii. 317.
— **minor** iii. 335.
— **montana** iii. 309.
— **montanellus** iii. 285.
— **montanus** iii. 335.
— **musicus** iii. 285.
— **neglectus** iii. 336, 340.
— **nigripes** iii. 335.
- Anthus obscurus** iii. 305, 340,
341, **343**, 346.
v. 210.
- Anthus orientalis** iii. 335.
— **palustris** iii. 285.
— **pennsylvanicus** iii. 331.
— **petrosus** iii. 343.
— **pipiens** iii. 331.
— **plumatus** iii. 309.
- Anthus pratensis** ii. 325, 616,
iii. 283, **285**, 289, 291, 292, 293.
295, 299, 300, 301, 302, 305,
306, 309, 310, 311, 320, 332.
iv. 259.
v. 210.
vii. 633.
- Anthus pratensis japonicus** iii. 331.
— **pratensis nubicus** iii. 299.
— **pratorum** iii. 285.
— **raalteni** iii. 322.
— **reinhardtii** iii. 331.
- Anthus richardi** iii. 283, 306,
307, 322, **325**.
v. 210.
- Anthus rosaceus** iii. 303.
- Anthus rubens** iii. 331.
— **rufescens** ii. 551.
iii. 317.
— **ruficollis** iii. 299.
— **rufigularis** iii. 299, 300, 305.
— **rufigularis** (var. of **pratensis** ?),
iii. 300.
— **rufogularis** iii. 299, 303.
— **rufus** iii. 317.
— **rupestris** iii. 303, 325,
337, 338, 343, 347.
- Anthus seebohmi** iii. **295**.
vii. 469.
- Anthus sepiarius** iii. 285.
— **sinensis** iii. 307, 323.
- Anthus spinoletta** iii. 302,
303, 320, 331, **335**, 337,
338, 339, 343, 344, 347.
v. 210.
- Anthus stagnatilis** iii. 285.
— **subarquatus** iii. 317.
— **tenuirostris** iii. 285.
— **thermophilus** iii. 299, 306, 307.
— **tristis** iii. 285.
- Anthus trivialis** iii. 283, 290, 291,
309.
v. 210.
- Anthus virescens** iii. 285.
- Antigone** vii. 335.
— **leucogeranus** vii. 359.
- antigone** (Grus) vi. 64.
vii. 335.
- antillarum** (Sterna) viii. 282.
- antiquorum** (Phœnicopterus) vi. 343,
347.
— (Porphyrio) vii. 299.
- antiquus** (Phœnicopterus) vi. 343.
- Apiaster** v. 153, 155.
— **bengalensis torquatus** v. 171.
— **icterocephalus** v. 155.
— **madagascariensis torquatus** v. 171.
- apiaster** (**Merops**) v. 144, 153,
155, 166, 167, 168, 169.
vi. 128.
- apinus** (Anthus) iii. 335.
- apium** (Pernis) vi. 3.
— (Pernis apivorus) vi. 3.
- apivora** (Pernis) vi. 3.
- apivorus** (Accipiter buteo) vi. 3.
— (Buteo) vi. 3.
— (Falco) vi. 3.
- apivorus** (**Pernis**) v. 649, 668.
vi. 1, **3**, 8.
- apivorus apium** (Pernis) vi. 3.
— **major** (Pernis) vi. 3.
— **planiceps** (Pernis) vi. 3.
— **vesparum** (Pernis) vi. 3.
- apos** (Hirundo) iv. 583.
- apricarius** (Charadrius) vii. 435.
- apricarius** (Pluvialis) vii. 435, 436.
- Apternus** v. 67.
— **crissoleucus** v. 69.
— **kamtchatkensis** v. 69.
— **longirostris** v. 69.
— **montanus** v. 69.
— **septentrionalis** v. 69.
— **tridactylus** v. 69.
- Apus** iv. 581, 583.
— **murarius** iv. 583.
- apus** (**Cypselus**) iv. 581, **583**,
587, 593, 595, 597, 598,
599, 601, 608, 615.
vi. 11.
- (Hirundo) iv. 583.
— (Micropus) iv. 583.
- apus murarius** (Cypselus) iv. 583.
— **niger** (Cypselus) iv. 583.
— **turrium** (Cypselus) iv. 583.
— **vulgaris** (Cypselus) iv. 583.
- aquatica** (Calamodyta) ii. 591.
— (Calamoherpe) ii. 591.
— (Emberiza) iv. 249.
— (Motacilla) ii. 591.
— (Salicaria) ii. 591.
— (Sylvia) ii. 591.
- aquaticus** (**Acrocephalus**) ii. **591**.
v. 210.
- aquaticus** (Anthus) iii. 293,
331, 335, 343, 346.
— (Aramus) vii. 257.
- aquaticus** (**Cinclus**) ii. 165,
167, 168, 169, 177, 179,
180, 181, 182, 183.
— (Circus) v. 415.
- aquaticus** (**Rallus**) vii. 255,
257, 261.
- aquaticus**, var. **minor** (Cinclus) ii. 168.
—, var. **rufiventris et albiventris**
(Cinclus) ii. 181.
- aquaticus minor** (Rallus) vii. 267.
- Aquatilis** ii. 165.
— **cinclus** ii. 167.
- Aquila** v. 413, **479**,
533, 543, 561, 573.
vi. 1, 137.
- **adalberti** v. 514, **517**,
518, 522, 525, 532.
- Aquila adalberti major** v. 517.
— **adalberti minor** v. 517.
— **alba** v. 533.
— **albicans** v. 515.
— **albicilla** v. 551.
— **albipectus** v. 481.
— **americana** v. 533.
— **amurensis** v. 507.
— **assimilis** v. 491.
— **aurea** v. 533.
— **balbusardus** vi. 139.

- Aquila barthelemyi* v. 533, 538.
 — *belisarius* v. 515.
 — *bifasciata* v. 499, 507,
 510, 511, 522, 525, 530.
 — *bonelli* v. 575.
 — *brachydactyla* v. 563.
 — *brehmii* v. 481.
 — *canadensis* v. 533.
 — *choka* v. 513.
 — *chrysaetos* v. 521, 524, 533.
Aquila chrysaetos v. 479,
 533, 535, 537, 538, 539.
Aquila chrysaetos v. 533, 535, 537, 538, 539.
Aquila clanga v. 492, 494,
 495, 496, 497, **499**, 500, 501,
 502, 503, 504, 507, 509, 530.
Aquila crassipes v. 504, 522.
 — *culleni* v. 513, 514.
 — *daphanea* v. 533.
 — *deserticola* v. 545.
 — *dubia* v. 499.
 — *fasciata* v. 575.
 — *fulva* v. 533, 537.
 — *fulvescens* v. 527.
 — *fulviventris* v. 499.
 — *fusca* v. 499.
 — *fuscicapilla* v. 533.
 — *fuscoatra* v. 491.
 — *gallica* v. 563.
 — *glaucopis* v. 449, 451.
 — *gymnopus* v. 481.
 — *haliaëtus* vi. 139.
 — *haliaëtus* vi. 139.
 — *hastata* ii. 473.
 v. 492, 498, 503.
 — *heliaca* v. 517, 520, 521, 526.
 — *imperialis* v. 507, 517, 521, 531, 533.
 — *intermedia* v. 533, 575.
 — *lestris* v. 513.
 — *leucamphomma* v. 563.
 — *leucocephala* v. 551.
 — *leucolena* v. 517, 518.
 — *leucorypha* v. 545.
 — *longicaudata* v. 481.
 — *macei* v. 545.
 — *maculata* v. 491.
 — *maculati-rostris* v. 481.
 — *marina* vi. 139.
 — *melanaëtus* v. 533.
 — *melanaëtus* v. 493.
 — *melanaëtus* v. 533.
 — *minuta* v. 481.
Aquila mogilnik ii. 282.
 v. 507, 510, 511, 519,
 520, **521**, 522.
Aquila mogilnik bifasciata v. 507.
 — *morphnoides* v. 485.
 — *nævia* v. 491, 492, 493, 494,
 501, 504, 509, 515.
 vii. 388.
Aquila nævia, var. v. 507.
 — *nævia*, var. *bifasciata* v. 507.
 — *nævia*, var. *orientalis major* .. v. 507.
 — *nævioides* v. 504, 507, 513,
 514, 528, 532.
 — *nigra* v. 533.
Aquila nipalensis .. vi. 504, **507**,
 511, 575.
Aquila nobilis v. 533.
 — *nudipes* v. 481.
 — *orientalis* v. 507, 509.
 — *pallasii* v. 507.
Aquila pennata ii. 282,
 v. **481**, 485, 486, 487, 573, 583.
Aquila piscatrix vi. 139.
 — *planga* v. 491.
Aquila pomarina ... v. **491**, 492,
 494, 498, 500, 501, 504.
Aquila pygargus v. 563.
Aquila rapax .. v. **513**, 514, 515.
Aquila raptor v. 513.
 — *regia* v. 533.
 — *riparia* v. 521.
 — *rubriventer* v. 575.
 — *rufonuchalis* v. 491, 494.
 — *subnævia* v. 491.
 — *substriata* v. 513.
 — *unicolor* v. 499.
 — *variabilis* v. 431.
 vi. 3.
 — *variegata* v. 513.
 — *vindhiana* v. 516, 571.
 — *vittata* v. 499.
 — *vulturina* v. 513.
 — *wiedii* v. 575.
aquila (*Falco*) v. 533.
Aquilastur v. 573.
 — *bonelli* v. 575.
 — *wiedii* v. 575.
aquilinus (*Buteo*) v. 463, 465.
arabica (*Ortygometra*) vii. 267.
 — (*Sterna*) viii. 285.
arabicus (*Acrocephalus*) ii. 579.
 — (*Larus*) viii. 389.
arabs (*Hiaticula*) vii. 497.
 — (*Melanocorypha*) iv. 329.
 — (*Otis*) vii. 367.
aragonica (*Perdix*) vii. 61.
Aramus vii. 255.
 — *aquaticus* vii. 257.
aranea (*Gelochelidon*) viii. 295.
 — (*Sterna*) viii. 295.
 — (*Viralva*) viii. 295.
***arborea* (*Alauda*)** iii. 309.
 iv. **321**, 322, 323, 325, 351, 352.
 v. 210.
arborea (*Columba*) vii. 23.
 — (*Galerida*) iv. 321.
 — (*Jynx*) v. 103.
 — (*Lullula*) iv. 321.
arborea (*Monedula*) iv. 523.
 — (*Phyllopneuste*) ii. 491.
 — (*Ruticilla*) ii. 277.
 — (*Yunx torquilla*) v. 103.
arboreus (*Anthus*) iii. 305, 313, 320.
 iv. 259.
 — (*Carbo*) vi. 151.
 — (*Otus*) v. 251.
 — (*Passer*) iii. 587, 597.
 — (*Phalacrocorax*) vi. 151.
 — (*Pipastes*) iii. 309, 313.
 iv. 200.
 — (*Turdus*) ii. 3.
arbustorum (*Calamoherpe*) ii. 567.
 — (*Cannabina*) iv. 31.
arcadicus (*Dendrofalco*) vi. 103.
 — (*Falco*) vi. 103, 107.
Arceuthornis ii. 1.
 — *pilaris* ii. 41.
archiboschas (*Anas*) vi. 469.
Archibuteo v. **469**.
 — *africanus* v. 471.
 — *alticeps* v. 471.
Archibuteo lagopus .. v. 469, **471**,
 476, 617.
Archibuteo planiceps v. 471.
 — *sancti-johannis* v. 473, 489.
 — *strophiatius* v. 476.
Arctica viii. 589.
 — *alle* viii. 591.
arctica (*Alca*) viii. 599.
 — (*Ceratoblepharum*) viii. 599.
***arctica* (*Fratercula*)** vi. 184,
 viii. 597, **599**.
arctica (*Lunda*) viii. 599.
 — (*Mormon*) viii. 599.
 — (*Sterna*) viii. 197, 255, 259, 271.
 — (*Strix*) v. 257, 287.
 — (*Uria*) viii. 581.
arcticus (*Cephus*) viii. 581.
 — (*Cepphus*) viii. 615.
***arcticus* (*Colymbus*)** viii. 607, 611,
 613, 614, **615**, 616.
arcticus (*Cymotomus*) viii. 527.
 — (*Eudytes*) viii. 615.
 — (*Falco*) vi. 25, 29.
 — (*Larus*) viii. 439.
 — (*Mergulus*) viii. 591.
 — (*Mormon*) viii. 599.
 — (*Picoides*) v. 72.
 — (*Podiceps*) viii. 645.
 — (*Puffinus*) viii. 517, 527.
arcuata (*Pyrgita*) iii. 593.
arcuatulus (*Numenius*) viii. 241.
arcuatus (*Numenius*) viii. 240.
Ardea vi. **205**, 207, 257, 267,
 279, 295, 333.
 — *æquinoctialis* vi. 245, 250.
Ardea alba vi. **231**, 232, 236,
 237, 238, 241, 243.

- Ardea ardeola* vi. 259.
 — *ardeola nævia* vi. 259.
 — *atra* vi. 309.
 — *atricollis* vi. 225, 226.
 — *audax* vi. 251.
 — *badia* vi. 217.
 — *botaurulus* vi. 251.
 — *botaurus* vi. 217, 281.
 — *botaurus &c.* vi. 289.
 — *botaurus major* vi. 217.
 — *botaurus minor* vi. 251.
 — *botaurus nævius* vi. 269.
 — *brag.* vi. 207.
***Ardea bubulcus* 245, 249,
 250, 255.**
Ardea canerofagus vi. 251.
 — *cancerofagus &c.* vi. 251.
 — *cancerofagus luteus* vi. 251.
 — *cancrophagus castaneus* vi. 217.
 — *candida* vi. 231.
 — *candida minor* vi. 245.
 — *candidissima* vi. 243.
 — *caspia* vi. 217.
 — *castanea* vi. 251.
 — *cayennensis* vi. 271.
 — *chrysopelargus* vi. 309.
 — *ciconia* vi. 297.
 — *cineracea* vi. 207.
***Ardea cinerea* .. vi. 205, 207, 222,
 223, 227, 234, 235, 237.**
Ardea cinerea brachyrhynchos ... vi. 207.
 — *cinerea major* vi. 207.
 — *cinerea media* vi. 207.
 — *cinerea minor* vi. 207.
 — *comata* vi. 251.
 — *coromanda* vi. 245, 246, 249.
 — *coromandra* vi. 245.
 — *cristata* vi. 207.
 — *cristata purpurascens* vi. 217.
 — *cyanocephala* vi. 269.
 — *danubialis* vi. 259.
 — *deaurata* vi. 251.
 — *discors* vi. 269.
 — *egretta* vi. 231, 232, 236, 237,
 238, 239, 242.
 — *egrettoides* vi. 231.
 — *elegans* vi. 242.
 — *erythropus* vi. 251.
 — *eulophotes* vi. 244.
 — *ferruginea* vi. 269.
 — *freti-hudsonis* vi. 289.
 — *gardeni* vi. 269.
***Ardea garzetta* .. vi. 234, 235, 239,
 243, 244, 262.**
Ardea gigantea vii. 359.
 — *goliath* vii. 535.
 — *grisea* vi. 269.
 — *griseo-alba* vi. 251.
 — *grus* vii. 337.
 — *herodias* vi. 208.
Ardea hoactli vi. 269.
 — *hudsonias* vi. 289.
 — *ibis* vi. 245, 250.
 — *idæ* vi. 242.
 — *intermedia* ... vi. 235, 236, 237, 238.
 — *jamacensis* vi. 269.
 — *johannæ* vi. 207.
 — *kwakwa* vi. 269.
 — *lentiginosa* vi. 289.
 — *leucophæa* vi. 207.
 — *leucoptera* vi. 243.
 — *lucida* vi. 245, 250.
 — *maculata* vi. 269.
 — *major* vi. 207.
 — *marsigli* vi. 251.
***Ardea melanocephala* .. vi. 225,
 227.**
Ardea melanopus vi. 243.
 — *melanorhyncha* vi. 231.
 — *mexicana cristata* vi. 269.
 — *minor* vi. 289.
 — *minuta* vi. 259, 261.
 — *modesta* vi. 231.
 — *mokoho* vi. 289.
 — *monticola* vi. 217.
 — *mugitans* vi. 293.
 — *nævia* vi. 207, 269.
 — *nigra* vi. 309.
 — *nigripes* vi. 239.
 — *nigrirostris* vi. 239.
 — *niuea* vi. 239.
 — *nivea* vi. 239.
 — *nycticorax* vi. 269.
 — *orientalis* vi. 239.
 — *pharaonica* vi. 217.
 — *pumila* vi. 251.
 — *purpurascens* vi. 217.
 — *purpurata* vi. 217.
***Ardea purpurea* ... vi. 217, 254.**
Ardea purpurea, var. manillensis .. vi. 217.
***Ardea ralloides* vi, 251, 262.**
Ardea ralloides et minuta .. vi. 251, 259.
 — *rhenana* vi. 207.
 — *rufa* vi. 217, 335.
 — *ruficristata* vi. 245, 248.
 — *russata* ii. 304.
 vi. 245, 247.
 — *santodactylos* vi. 239.
 — *senegalensis* vi. 251.
 — *sexsetacea* vi. 269.
 — *soloniensis* vi. 259.
 — *squaiotta* vi. 251.
 — *stellaris* vi. 281.
 — *stellaris, var.* vi. 289.
 — *stellaris capensis* vi. 281.
 — *tayazaquira* vi. 269.
 — *variegata* vi. 217.
 — *verany* vi. 245.
 — *virgo* vii. 353.
 — *xanthodactyla* vi. 239.
Ardea zanthopoda vi. 243.
Ardeidæ vi. 205, 253, 254.
Ardenna viii. 511.
 — *major* viii. 527.
Ardeola vi. 205, 257.
 — *bubulcus* vi. 245.
 — *exilis* ii. 304.
 — *minuta* ii. 304.
 vi. 259.
 — *pusilla* vi. 259.
 — *ralloides* vi. 251.
 — *russata* vi. 245, 253, 254.
ardeola (Ardea) vi. 259.
 — (*Ardea nævia*) vi. 259.
 — (*Nycticorax*) vi. 269.
Ardetta vi. 257.
Ardetta exilis vi. 264.
***Ardetta minuta* vi. 259, 263, 264.**
Ardetta podiceps vi. 263.
 — *sinensis* vi. 260, 264.
Arenaria vii. 553, 555.
 viii. 99.
 — *calidris* viii. 101.
 — *cinerea* vii. 555.
 — *grisea* viii. 101.
 — *interpres* vii. 555.
 — *vulgaris* viii. 101.
arenaria (Alauda) iv. 341.
**arenaria (Calidris) viii. 99,
 101, 107.**
arenaria (Corydalla) iii. 317.
 — (*Melanocorypha*) iv. 341.
 — (*Enas*) vii. 61.
 — (*Otomela*) iii. 413, 416.
 — (*Pterocles*) vii. 63.
 — (*Tetrao*) vii. 61.
arenarius (Caccabis) vii. 97.
 — (*Enneoctonus*) iii. 413.
 — (*Lanius*) iii. 413.
 — (*Oedicnemus*) vii. 401.
**arenarius (Pterocles) .. vi. 49, 56,
 vii. 61, 69, 70, 71.**
arenarius (Tetrao) vii. 61.
arenicola (Alauda) iv. 286.
 — (*Galerida*) iv. 286.
 — (*Galerita*) iv. 286, 289, 290, 291,
 292, 299, 302.
 —, *var. fusca (Alauda)* iv. 286.
 —, *var. fusca (Galerita)* iv. 286.
arenicolor (Alauda) iv. 335.
 — (*Ammomanes*) iv. 335.
 — (*Caprimulgus*) iv. 629, 630, 631.
argentacea (Sterna) viii. 255.
argentaceus (Laroides) viii. 399, 400.
argentata (Sterna) viii. 255.
argentatoides (Glaucus) viii. 400.
 — (*Laroides*) viii. 399, 400.
 — (*Larus*) viii. 399, 400, 405.
argentatus (Glaucus) viii. 400.
 — (*Laroides*) viii. 399, 400, 411.

- argentatus (Larus)** vi. 184.
viii. 391, **399**, 400, 401, 402,
404, 405, 406, 411, 412, 413,
415, 416, 417, 418, 425, 430,
432, 439, 441, 442, 452.
- argenteus (Laroides) viii. 399.
— (Larus) viii. 399.
- argentoratensis (Fringilla) iv. 31.
— (Passer linaria) iv. 31.
- Argya** ii. 545.
..... iii. **19**, 351.
- Argya acaciæ iii. 24.
- Argya fulva** iii. **21**, **24**.
- Argya rueppelli iii. 23.
- Argya squamiceps** iii. 19, 21,
22, **23**.
- arigonis (Hypolaïs) ii. 531, 532.
— (Hypolaïs cinerascens &) .. ii. 531.
- armata (Pluvialis senegalensis) .. vii. 539.
- armatus (Hoplopterus) vii. 539.
- arnotti (Saxicola) ii. 189.
- arquata (Cisticola) iii. 3, 5.
— (Numenius) .. viii. 199, 219, 240, 243.
— (Scolopax) viii. 243.
- Arquatella viii. 9.
— maritima viii. 69.
- arquatella (Trynga) viii. 69.
- arquatula (Numenius) viii. 243.
- arquatus (Numenius)** viii. 230, 231,
234, 239, **243**, 244, 245, 249, 250.
- arquatus (Phæopus) viii. 227.
- arra (Alca) viii. 575.
— (Uria) viii. 575, 578.
- arrianus (Vultur) v. 383.
- arsinoë (Pycnonotus) iii. 351, 355, 358.
- Artamidæ iii. 363.
- Artamus cucullatus ii. 411, 414.
- arundinacea (Calamodyta) .. ii. 567, 579.
— (Calamoherbe) ii. 567, 579.
— (Emberiza) iv. 241.
— (Ficedula curruca) ii. 567.
— (Motacilla) ii. 567.
— (Muscipeta) ii. 567.
— (Salicaria) ii. 567.
— (Schoenicola) iv. 241.
— (Sylvia) ii. 561, 562, 567.
- Arundinaceus ii. 557.
— turdoides ii. 579.
- arundinaceus (Acrocephalus)**
ii. 557, 567, 572, **579**, 582,
585, 586, 588.
..... v. 210.
- arundinaceus (Botaurus) vi. 281.
— (Circus) v. 415.
— (Emberiza hortulana) iv. 241.
— (Falco) v. 415.
..... vi. 139.
— (Mystacinus) iii. 49.
— (Turdus) ii. 579.
- arundinaceus, var. (Turdus) ii. 547.
- arvensis (Alauda)** iv. 268, 294, 305,
307, 310, 311, 312, 313,
315, 316, 325, 330, 356,
369, 371, 374, 375, 385.
..... v. 210.
..... vii. 388.
- arvensis (Anser) vi. 363, 364, 367, 373.
— (Corydalla) iii. 317.
- ruficeps (Alauda) iv. 373.
- ascalaphus (Bubo) v. 337.
- Ascalopax vii. 629.
— gallinago vii. 641.
— gallinula vii. 653.
— major vii. 631.
— sabini vii. 641.
- ashanteus (Ixos) iii. 353.
— (Pycnonotus) iii. 353.
- asiæ (Francolinus) vii. 123.
- asiatica (Ægialitis)** .. vii. 476, 478,
479, 481, 505.
- asiatica (Eudromias) vii. 479.
— (Sitta) ii. 169.
- asiaticus (Charadrius) vii. 475, 479.
— (Cinclus) ii. 165.
— (Eudromias) vii. 444, 479.
— (Himantopus) vii. 587.
— (Morinellus) vii. 479.
— (Phalaropus) vii. 605.
— (Stercorarius) viii. 471.
— (Sturnus) iv. 423.
- Asilus ii. 467.
— rufus ii. 485.
— sibilatrix ii. 497.
— trochilus ii. 491.
- asilus (Ficedula) ii. 491.
- Asio** v. **249**, 327.
- Asio abyssinicus v. 267.
- Asio accipitrinus** .. v. 249, **257**.
..... vii. 633.
- Asio americanus v. 254.
— asio v. 251.
— brachyotus v. 257.
- Asio capensis** v. 249, **265**.
- Asio galapagensis v. 262.
— italicus v. 251.
- Asio otus** v. 249, **251**, 258.
- Asio sandvicensis v. 257.
— scops v. 329.
— ulula v. 257.
- asio (Asio) v. 251.
— (Otus) v. 251.
— (Scops) v. 329.
- assimilis (Aquila) v. 491.
— (Corvus) iv. 531.
— (Corvus corone) iv. 531.
— (Crucirostra) iv. 141.
— (Curruca) ii. 383.
— (Linaria) iv. 37.
— (Numenius) viii. 243.
- assimilis (Otus) v. 251.
— (Pœcila) iii. 107.
— (Pœcila salicaria) iii. 107.
— (Vitiflora) ii. 203.
- astracanus (Falco) v. 463.
- Astur** v. 573, **585**, 587, 597.
- Astur atricapillus v. 585.
— brachyrhynchus v. 587.
— brevipes v. 633.
— gallinarum v. 587.
— indicus v. 587.
— major v. 599, 609, 616, 618.
— nisus v. 599.
- Astur palumbarius** v. 487, 585, **587**.
..... vii. 133, 349.
- Astur paradoxus v. 587.
- astur (Accipiter) v. 587.
- ater (Carbo) vi. 151.
— (Circus) v. 423.
— (Falco) v. 494, 651.
— (Milvus) v. 395, 651, 658.
..... vi. 65.
- ater (Parus)** ii. 455, 456.
..... iii. 85, 86, **87**, 88, 89, 90,
93, 94, 101, 104.
- ater (Pœcile) iii. 87.
— (Totanus) viii. 165.
- aterrima (Fulica) vii. 327.
- aterrimus (Cypselus) iv. 533.
- Athene** v. 317, 347, **355**, 365.
- Athene bactrianus v. 367.
— cunicularia v. 365.
— forsteni v. 237.
- Athene glaux** v. **367**, 368.
- Athene indigena v. 367.
— meridionalis v. 358, 359.
- Athene noctua** v. 323, 335, 350, 353,
355, **357**, 359, 363, 367, 368, 369.
- Athene passerina v. 349.
— persica v. 367.
— tengmalmi v. 319.
- Atix vii. 367.
— houbara vii. 391.
- atmori (Saxicola) ii. 189.
- atra (Anas) vi. 663.
— (Ardea) vi. 309.
- atra (Fulica)** vii. 321, 323,
324, 325, 326, **327**,
..... viii. 333, 632.
— (Ruticilla) ii. 293.
— (Tringa) viii. 165.
- atra japonica (Fulica) vii. 327.
- Atraphornis platyura iii. 14.
- atrata (Fulica) vii. 327.
— (Motacilla) ii. 293.
— (Phœnicura) ii. 289.
— (Ruticilla) ii. 289, 293.
- atratus (Cygnus) vi. 417.
- atricapilla (Curruca) ii. 421.
— (Epilais) ii. 421.

- atricapilla (Euspiza) iv. 151.
 — (Ficedula) ii. 421.
 iii. 453.
 — (Ficedula curruca) ii. 421.
 — (Hydemela) iii. 453.
 — (Motacilla) ii. 421.
atricapilla (Muscicapa) . iii. **453**,
 460, 461, 462, 463.
 atricapilla (Philomela) ii. 421.
atricapilla (Sylvia) .. ii. 375, 414,
 415, **421**, 424, 514.
 v. 210.
 atricapilla, var. (Muscicapa) iii. 459.
 atricapillus (Astur) v. 585.
 — (Budytes) iii. 269.
atricapillus (Garrulus).. iv. **491**,
 492, 499.
 atricapillus (Numenius) viii. 227.
 — (Parus) iii. 105, 110, 112.
 atriceps (Falco) vi. 31.
 atricilla (Larus) .. viii. 356, 357, 365, 366.
 atricilloides (Larus) viii. 365, 373.
 atricollis (Ardea) vi. 225, 226.
 — (Saxicola) ii. 231.
 atrigularis (Cichloides) ii. 83.
 — (Coccothraustes) iii. 575.
 — (Saxicola) ii. 215.
atrigularis (Turdus) ii. **83**, 85, 86.
 atrocyanus (Turdus) ii. 87.
 atrogrisea (Muscicapa) iii. 453.
 atrogularis (Colymbus) viii. 609, 614.
 — (Merula) ii. 83.
 — (Planesticus) ii. 83.
 — (Saxicola) ii. 215.
 — (Sylvia) ii. 83.
 atropterus (Himantopus) vii. 587.
 atrostriata (Muscicapa collaris).... iii. 459.
 Attagen vii. 121, 155, 157.
 — francolinus vii. 123.
 aucheri (Lanius) iii. 381.
 audax (Ardea) vi. 251.
 audouini (Gavina) viii. 395.
 — (Glaucus) viii. 395.
 — (Laroides) viii. 395.
audouini (Larus) viii. 393,
395, 396, 397.
 audouini (Leucus) viii. 395.
 audouinii (Gavia) viii. 395.
 aurantia (Anas) vi. 461.
 aurantiaca (Pyrrhula) iv. 99.
 aurantiipennis (Carduelis) iii. 527.
 aurantiiventris (Chloris) iii. 567, 570.
 — (Ligurinus) iii. 567.
 aurata (Carduelis) iii. 527.
 auratus (Charadrius) vii. 435, 443.
 — (Colaptes) v. 75.
 vi. 592.
 aurea (Aquila) v. 533.
 — (Oreocincla) ii. 77.
 — (Pluvialis) vii. 435.
 aureocapilla (Motacilla) iii. 245.
 aureo-capillus (Regulus) ii. 453.
aureola (Emberiza) iv. **223**,
 225, 226, 228, 259.
 v. 210.
 aureola (Euspiza) iv. 223.
 — (Passerina) iv. 223.
 aureolus (Hypocentor) iv. 223.
 aureus (Charadrins) vii. 435.
 — (Gypaetus) v. 401.
 — (Oriolus) iii. 365.
 — (Turdus) ii. 77.
 — (Vultur) v. 401.
 auricapillus (Regulus) ii. 453.
 auriceps (Emberiza) iii. 561.
 auriculatus (Enneoctonus) iii. 407.
auriculatus (Lanius) iii. 402,
407, 411.
 v. 210.
 aurifrons (Emberiza) iii. 556, 561.
 — (Serinus) ii. 350.
 iii. 552, 555, 556, 561.
 aurigaster (Pycnonotus) iii. 361, 362.
 — (Turdus) iii. 361.
 aurita (Otus) v. 251.
 — (Saxicola) ii. 203, 208, 248, 302.
 iii. 185.
 v. 210, 211.
 — (Tringa) viii. 133.
 — (Vitiflora) ii. 203.
 —, var. libyca (Saxicola) ii. 203.
 aurito (Strix capite) v. 287.
 auritus (Aegialites) vii. 497.
 — (Colymbus) viii. 645, 651.
auritus (Podiceps).. viii. 635, **645**,
 648, 651, 652.
 auritus (Turdus) ii. 86.
 — (Turtur) iv. 593.
 vii. 39, 48, 49, 50.
 —, var. (Colymbus) viii. 651, 659.
 aureora (Lusciola) ii. 305.
 — (Ruticilla) ii. 305, 357.
 aureoreus (Turdus) ii. 87.
 australis (Chætura) iv. 613.
 — (Corvus) iv. 533.
 — (Fulica) vii. 327.
 — (Numenius) viii. 244, 245.
 — (Nyroca) vi. 579.
 — (Otis) vii. 380.
 — (Phalaropus) vii. 597.
 — (Podiceps) viii. 629, 635.
 — (Tringa) viii. 32, 77.
 austriaca (Glareola) vii. 411.
 — (Strix) v. 271.
 austriacus (Falco) v. 651.
 — (Milvus) v. 651.
 autumnalis (Himantopus) ... vii. 587, 593.
 Aves carinatæ ii. 1.
 avicula (Locustella) ii. 611.
 Avocetta vii. 575, 577.
avocetta (Recurvirostra) . vii. **575**,
577.
 avosetta (Scolopax) vii. 577.
 axillaris (Elanus) v. 666.
 ayresii (Cisticola) iii. 2.
 Aythya vi. 579.
 Aythya vi. 549, 675.
 — cristata vi. 573.
 — erythrocephala vi. 551.
 — ferina vi. 551.
 — fuligula vi. 573.
 — homeyeri vi. 551.
 — islandica vi. 565.
 — leucocephala vi. 677.
 — leuconotus vi. 565.
 — leucophthalmos vi. 581.
 — marila vi. 565.
 — nyroca vi. 482, 581.
 — rufina vi. 559.
 azureus (Petrocossyphus) ii. 149.
 — (Turdus) ii. 139.
 babylonicus (Falco) vi. 52, 54.
 bactriana (Carine) v. 367.
 — (Pica) iv. 509, 511.
 bactrianus (Athene) v. 367.
 badensis (Emberiza) iv. 185.
 badia (Ardea) vi. 217.
 badius (Accipiter) v. 633, 638.
 — (Lanius) iii. 407.
 — (Micronisus) v. 571, 633, 635.
 — (Nycticorax) vi. 269.
 baedekeri (Nyctale) v. 319.
bætica (Calandrella) iv. 343,
 344, **351**, 352.
 baghaira (Emberiza) iv. 341.
 baicalensis (Motacilla) iii. 233.
 — (Parus) iii. 114.
 — (Pœcile) iii. 119.
 baikal (Anas) vi. 521.
 baikalensis (Parus) iii. 105, 120.
 bailloni (Crex) vii. 275.
bailloni (Porzana).. vii. **275**, 283,
 284, 287.
 bailloni (Rallus) vii. 275.
 baillonii (Calliope) ii. 342.
 — (Gallinula) vii. 275.
 — (Ortygometra) vii. 275.
 — (Porzana) vii. 275.
 bairdi (Coccyzus) v. 227, 228.
 bairdii (Tringa) viii. 16, 18.
 bakkamana (Strix) v. 237.
 bakkamœna (Scops) v. 334.
 Balbusardus vi. 137.
 — haliaetus vi. 139.
 balbusardus (Aquila) vi. 139.
 baldami (Coturnix) vii. 143.
 baldensteinii (Parus) iii. 107, 110.
 Balearica pavonina vii. 363.
 balearica (Crucirostra) iv. 127, 128.
 — (Loxia) iv. 127.

- balthica (Alca) viii. 557.
 — (Gelocheidon) viii. 295.
 — (Sylocheidon) viii. 289.
 balthicus (Colymbus) viii. 615.
 — (Haematopus) vii. 567.
 baltica (Alca) viii. 557.
 balticus (Colymbus) viii. 615, 618.
 barbara (Gennaja) vi. 47.
 barbarica (Perdix rubra) vii. 111.
barbarus (Falco) v. 401.
 vi. 37, 43, 44, 47, 54, 55.
 barbarus (Gennaja) vi. 47.
 barbata (Emberiza) iv. 205.
 — (Perdix) vii. 132, 137.
 — (Strix) v. 281.
 — (Stryx) v. 281.
 — (Ulula) v. 281.
 barbatus (Calamophilus) iii. 49.
 — (Cypselus) iv. 583, 584.
 — (Falco) v. 401.
 — (Gyp etos) v. 411.
barbatus (Gypaëtus) .. v. 384, 399,
 401, 404, 405, 406, 408.
 barbatus (Ixos) iii. 353.
 — (Panurus) iii. 49.
barbatus (Pycnonotus) .. iii. **353**,
 355, 425.
 barbatus (Turdus) iii. 353.
 — (Vultur) v. 401.
 — occidentalis (Gypaëtus) v. 401.
 barletta (Falco) vi. 69.
 baroli (Nectris) viii. 517.
 barolii (Puffinus) viii. 517.
 barrovii (Clangula) vi. 603.
 barrowii (Anas) vi. 603.
 — (Fuligula) vi. 603.
 — (Platypus) vi. 603.
 barthelemyi (Aquila) v. 533, 538.
 bartrami (Actitis) viii. 119.
 — (Actiturus) viii. 119.
 Bartramia viii. 117.
 — laticauda viii. 119.
Bartramia longicauda .. viii. **117**.
 bartramia (Totanus) viii. 119.
 — (Tringa) viii. 119.
 Bartramius longicaudus viii. 119.
 bartramius (Actiturus) viii. 119.
 — (Tringoides) viii. 119.
 baskiriensis (Picus) v. 19.
 bassana (Moris) vi. 181.
bassana (Sula) .. vi. 179, **181**, 187.
 bassanus (Dysporus) vi. 181.
 — (Morus) vi. 181.
 — (Pelecanus) vi. 181.
 bechsteini (Turdus) ii. 83, 87.
 beema (Budytes) iii. 261.
 belgica (Scolopax) viii. 211.
 belisarius (Aquila) v. 515.
 — (Falco) v. 513.
 bella (Alcedo) v. 113.
 bellonii (Oidicnemus) vii. 401.
 — (Tadorna) vi. 451.
 belonii (Tadorna) vi. 451.
 bengalensis (Alcedo) v. 111, 114,
 116, 117.
 — (Coracias) v. 141, 149.
 — (Falcinellus) vi. 335.
 — (Graminicola) iii. 6.
 — (Gyps) v. 386.
 — (Sterna) viii. 285.
 — (Thalasseus) viii. 285, 391.
 — torquatus (Apiaster) v. 171.
 benickii (Lestris) viii. 471.
 bergii (Sterna) viii. 286.
 beringii (Anas) vi. 643.
Bernicla vi. **387**.
 — **brenta** vi. 387, **389**,
 393, 401, 402.
 Bernicla canadensis vi. 387.
 — collaris vi. 389.
 — erythropus vi. 397.
 — glaucogaster vi. 389.
 — hutchinsi vi. 393.
Bernicla leucopsis .. vi. 391, **397**,
 401, 402.
 Bernicla melanopsis vi. 389.
 — micropus vi. 389.
 — nigricans vi. 392.
 — pallida vi. 389.
 — platyuros vi. 389.
Bernicla ruficollis .. vi. 401, **403**,
 406.
 Bernicla torquata vi. 389.
 bernicla (Anas) vi. 389.
 — (Anser) vi. 397.
 — (Branta) vi. 389.
 — minor (Anser) vi. 397.
 bernieri (Ibis) vi. 331.
bertheloti (Anthus) iii. **291**,
 292, 293.
 berthelotii (Anthus) iii. 291.
 Bessonornis ii. 345, 350.
 — gutturalis ii. 347.
 Bessonornis ii. 345, 350.
 — albigularis ii. 347, 349, 350.
 betularum (Linaria) iv. 37.
 — (Spinus) iii. 541.
 — (Turdus) ii. 35.
betulina (Bonasa) .. vii. 191, **193**.
 — (Bonasia) vii. 193.
 betulinus (Tetrao) vii. 193.
bewicki (Cygnus) vi. **441**,
 446, 447, 448.
 bewickii (Cygnus) vi. 441.
 — (Tringa) viii. 90.
 biarmicus (Ægithalus) iii. 49.
biarmicus (Calamophilus) iii. **49**.
 biarmicus (Falco) vi. 51, 54.
 biarmicus (Mystacinus) iii. 49.
biarmicus (Panurus) .. iii. 47, **49**.
 biarmicus (Paroides) iii. 49.
 — (Parus) iii. 49.
 Biblis iii. 503.
 — rupestris iii. 513.
 bicincta (Alcedo) v. 125.
 — (Ceryle) v. 125.
 — (Ispida) v. 125.
 bicolor (Parus) iii. 116.
 bicornis (Alauda) iv. 396, 399.
 — (Phileremos) iv. 399.
 — (Podiceps) viii. 645.
 — (Vanellus) vii. 545.
 — (Vanellus cristatus) vii. 545.
 bicuspis (Sterna) viii. 273.
 bifasciata (Alauda) iv. 275, 280.
 — (Aquila) v. 499, 507, 510, 511,
 522, 525, 530.
 — (Aquila mogilnik) v. 507.
 — (Certhilauda) iv. 275.
 — (Crucirostra) iv. 141.
 — (Curvirostra) iv. 141.
bifasciata (Loxia) iv. 119,
 129, 137, 139, 140, **141**,
 142, 146, 233.
 bifasciata (Saxicola) ii. 190.
 — (Sylvia) ii. 469.
 — (Upupa) v. 179.
 bilobus (Sarciphorus) vii. 530.
 bilopa (Alauda) iv. 399.
 — (Otocoris) iv. 399.
 — (Otocornis) iv. 399.
bilopa (Otocorys) .. iv. 392, 396,
 398, **399**, 400, 401, 402.
 bilopa (Otocoryx) iv. 399.
 bimaculata (Alauda) iv. 361, 362, 370.
bimaculata (Melanocorypha)
 iv. **361**, 362, 363, 366, 368.
 bispeularis (Garrulus) iv. 492.
 bistriatus (Oidicnemus) vii. 407.
 bistrigata (Motacilla) iii. 251, 261.
 bitorquata (Ispida) v. 125.
 Biziura vi. 675.
 — leucocephala vi. 677.
 blakistoni (Anthus) iii. 335, 340.
 — (Chelidon) iii. 498.
 blasii (Sterna) viii. 263.
 Blepharomerops v. 153.
 — ægyptius v. 165.
 — savignyi v. 165.
 blythi (Phenicopterus) vi. 343.
 boarula (Budytes) iii. 251.
 — (Motacilla) iii. 251, 261.
 bohémica (Bombycilla) iii. 429.
 boissoneautii (Hirundo) iii. 473, 477.
 — latirostris (Hirundo) iii. 473.
 — microrhynchus (Hirundo) .. iii. 473.
 — minor (Hirundo) iii. 473.
 boji (Lestris) viii. 471.

- bollii (Columba)** vii. **29**,
31, 34, 35.
- Bombycilla** iii. 427.
— *bohemica* iii. 429.
— *brachyrhynchos* iii. 429.
— *cedrorum* iii. 435.
— *garrula* iii. 429.
bombycilla (Parus) iii. 429.
Bombyciphora iii. 427.
— *poliocœlia* iii. 429.
Bombycivora iii. 427.
— *garrula* iii. 429.
bonapartei (Emberiza) iv. 219.
bonapartii (Actodromus) viii. 15.
— (*Emberiza*) iv. 218.
— (*Tringa*) viii. 15, 18.
- Bonasa** vii. **191**.
— **betulina** vii. 191, **193**.
Bonasa sylvestris vii. 193.
— *umbellus* vii. 191, 199, 202.
bonasa scotica (Lagopus) vii. 165.
Bonasia vii. 191.
— *albigularis* vii. 196.
— *albogularis* vii. 193.
— *betulina* vii. 193.
— *europæa* vii. 193.
— *lagopus* vii. 193.
— *minor* vii. 193.
— *pyrenaica* vii. 67.
— *rupestris* vii. 193.
— *sylvestris* vii. 193.
— *umbellus* vii. 211.
bonasia (Tetrao) vii. 193.
bonasia (Tetrastes) vii. 193.
bonelli (Aquila) v. 575.
— (*Aquilastur*) v. 575.
— (*Caricicola*) ii. 605.
— (*Eutolmaetus*) v. 575.
— (*Falco*) v. 575.
— (*Ficedula*) ii. 503.
— (*Pseudaetus*) v. 575.
— (*Sylvia*) ii. 503.
— (*Tolmaetus*) v. 575.
- bonellii (Phylloscopus)** .. ii. 501,
503.
bonellii (Sylvia) ii. 605.
- bonhami (Ammoperdix)**.. vii. 115,
117.
bonhami (Caccabis) vii. 117.
— (*Perdix*) vii. 117.
bononensis (Passer) iii. 607.
bononiensis (Fringilla) iii. 607.
borbonica (Pratincola) ii. 265, 266.
borealis (Ægiothus) iv. 38.
— (*Alca*) viii. 563.
— (*Colymbus*) viii. 621.
— (*Cuculus*) v. 199.
— (*Emberiza*) iv. 229, 261.
— (*Falco albicilla*) v. 551.
— (*Fringilla*) iv. 37, 51, 55.
- borealis (Haliaëtus)**..... v. 551.
— (*Haliaëtus albicilla*) v. 551.
— (*Lanius*)..... iii. 376, 378.
— (*Larus*)..... viii. 418.
— (*Linaria*) iv. 37, 40, 51.
— (*Linota*) iv. 37.
- borealis (Numenius)** ... viii. 219,
221, 224, 245.
- borealis (Parus)**.. iii. 91, 100, 101,
104, 105, **107**, 108, 109, 110,
111, 112, 113, 114, 115, 116,
118, 119, 120, 127, 129.
- borealis (Passerina)** iv. 261.
— (*Phyllopneustes*) ii. 509.
— (*Phyllopeustes*) ii. 509.
- borealis (Phylloscopus)** .. ii. 359,
467, 508, **509**, 510,
511, 512, 513, 514.
- borealis (Plectrophanes)** iv. 261.
— (*Pœcila*)..... iii. 107.
— (*Pœcila salicaria*) iii. 107.
— (*Pœcile*)..... iii. 107.
— (*Poikilis*) iii. 107.
— (*Procellaria*) viii. 535.
— (*Rissa*) viii. 447.
— (*Scelopax*) viii. 221.
— (*Somateria*) vi. 629.
— (*Strepsilas*) vii. 555.
— (*Strepsilas collaris*) vii. 555.
— (*Surnia*) v. 309.
- borealis (Troglodytes)** .. iii. 221,
227, **229**.
- borin (Motacilla)**..... ii. 383.
- boschas (Anas)** vi. 176, 222,
467, **469**, 487, 490, 508,
518, 523, 623.
- Boscis** iv. 421.
— *rosea* iv. 423.
- botaurulus (Ardea)**..... vi. 251.
- Botaurus** vi. 205, 257, **279**.
Botaurus adpersus..... vi. 289.
— *arundinaceus* vi. 281.
— *comatus* vi. 251.
— *lacustris* vi. 281.
- Botaurus lentiginosus** .. vi. 279,
282, **289**, 293.
Botaurus minor vi. 289.
— *minuta* vi. 259.
— *mugitans* vi. 289.
— *pusillus* vi. 259.
- Botaurus stellaris** vi. 279,
281, 292, 293.
botaurus (Ardea) vi. 217, 281.
— &c. (*Ardea*) vi. 289.
— *major (Ardea)* vi. 217.
— *minor (Ardea)* vi. 251.
— *nævius (Ardea)*..... vi. 269.
- bottæ (Saxicola)** ii. 191.
- bottanensis (Pica)** ii. 182.
..... iv. 509, 510.
- boulboul (Turdus)**..... ii. 95.
bouvryi (Columba) vii. 29, 35.
— (*Trocaza*) vii. 33, 34.
bowmani (Sylvia) .. ii. 401, 402, 407, 408.
boysii (Certhilauda) iv. 285.
— (*Galerida*) iv. 286.
— (*Galerita*) iv. 286, 291.
— (*Sterna*) viii. 301.
- brachidactyla (Allauda)** iv. 341.
brachydactyla (Alauda) iv. 294, 296,
314, 341, 345, 347, 355, 369,
..... vii. 388.
— (*Aquila*) v. 563.
- brachydactyla (Calandrella)**
..... iii. 276.
..... iv. 66, 304, 337, 339, **341**, 343,
344, 349, 350, 351, 352, 353,
355, 356, 357, 371, 398.
..... v. 210.
- brachydactyla (Calandritis)** iv. 341.
— (*Carospiza*) iii. 611.
— (*Certhia*) iii. 195.
— (*Fringilla*)..... iii. 611.
— (*Melanocorypha*) iv. 341, 346.
- brachydactyla (Petronia)** . iii. 605,
610, **611**.
brachydactyla (Phileremos).. iv. 341, 355.
brachydactylus (Accipiter) v. 638.
— (*Circæetus*)..... v. 563.
— (*Cursorius*) vii. 425.
— (*Falco*) v. 563.
— (*Lagopus*)..... vii. 182.
- Brachylophus**..... v. 75.
— *viridis* v. 77.
- brachyotus (Otus)** v. 257.
Brachyotus v. 249.
— *ægolius* v. 257.
— *agrarius* v. 257.
— *capensis* v. 265.
— *cassinii*..... v. 257.
— *leucopsis* v. 257.
— *palustris* v. 245, 257.
— *palustris americanus* v. 257.
- brachyotus (Ægolius)** v. 257.
— (*Asio*) v. 257.
— (*Strix*)..... v. 257.
— (*Ulua*) v. 257.
- brachyptera (Telmatias)** vii. 631.
Brachypus iv. 581.
— *murarius*..... iv. 583.
- brachypus (Sterna)** viii. 255, 259.
— (*Telmatias*) vii. 641.
- brachyrhynchos (Ædon bruchii)** .. ii. 553.
— (*Ædon galactodes*) ii. 547.
— (*Ædon meridionalis*) ii. 547.
— (*Ædon pallens*)..... ii. 547.
— (*Alcedo*) v. 113.
— (*Anas*) vi. 617.

- brachyrhynchos (*Ardea cinerea*) . . . vi. 207.
 — (*Bombycilla*) iii. 429.
 — (*Corvus*) iv. 559.
 — (*Crucirostra*) iv. 121.
 — (*Curruca*) ii. 429.
 — (*Egretta*) vi. 239.
 — (*Lestris*) viii. 481.
 — (*Lusciniopsis luscinioides*) . . . ii. 627.
 — (*Motacilla*) iii. 233.
 — (*Nucifraga*) iv. 451, 455.
 — (*Petronia*) iii. 607.
 — (*Phalacrocorax*) vi. 151.
 — (*Pyrgita*) iii. 587.
 — (*Regulus*) ii. 459.
 — (*Upupa*) v. 179.
brachyrhynchus (Anser) . . . vi. 357,
 369, 372, 373.
 brachyrhynchus (*Astur*) v. 587.
 — (*Certhia*) iii. 195.
 — (*Clangula*) vi. 617.
 — (*Clypeata*) vi. 497.
 — (*Larus*) viii. 385, 386.
 — (*Rissa*) viii. 447.
 brachytarsa (*Gavia*) viii. 349.
 — (*Pagophila*) viii. 351.
 — (*Sterna*) viii. 255.
 brachytarsus (*Larus*) viii. 349, 353.
 — (*Pagophila*) viii. 349.
 brachyura (*Columba*) vii. 18.
 — (*Galerida*) iv. 286.
 — (*Galerita*) iv. 290, 291, 292, 299.
 — (*Strix*) v. 257.
 brachyuros (*Carbo*) vi. 163.
 brachyurus (*Caprimulgus ruficollis*)
 iv. 633.
 — (*Corvus*) iv. 559.
 Bradypterinae ii. 637.
Bradypterus ii. 637, 643.
 Bradypterus cetti ii. 639.
Bradypterus cettii . . . ii. 637, 639.
 Bradypterus platyurus ii. 643.
 Bradyptetus ii. 643.
 — platyurus ii. 639.
 brag (*Ardea*) vi. 207.
brandti (Garrulus) iv. 483,
 487, 488, 492.
 brandti (*Otocorys*) iv. 397, 401, 402.
 brandtii (*Garrulus*) iv. 487, 488.
 Branta vi. 353, 387, 401, 402, 549.
 — albifrons vi. 375.
 — bernicla vi. 389.
 — leucopsis vi. 397.
 — rufina vi. 559, 563.
 brasiliensis (*Himantopus*) vii. 594.
 brehmi (*Phylloscopus*) ii. 485, 489.
 — (*Scolopax*) vii. 641.
 brehmii (*Aquila*) v. 481.
 — (*Calamoherpe*) ii. 567.
 — (*Gallinago*) vii. 641.
 — (*Larus*) viii. 389.
 brehmii (*Scolopax*) vii. 641, 650.
 — (*Telmatias*) vii. 641.
 brenta (*Anser*) vi. 389.
brenta (Bernicla) . . . vi. 387, 389,
 393, 401, 402.
 brevauris (*Otus*) v. 257.
 brevicaudatus (*Corvus*) iv. 559.
 brevipennis (*Corvus*) iv. 534.
brevipes (Accipiter) v. 597,
 619, 633, 636, 638.
 brevipes (*Astur*) v. 633.
 — (*Himantopus*) vii. 587.
 — (*Micronisus*) v. 633.
 — (*Nycticorax*) vi. 269.
 brevirostris (*Acanthis*) iv. 65.
 — (*Ægiothus*) iv. 65.
 — (*Corvus corone*) iv. 531.
 — (*Herodias*) vi. 231.
 — (*Limicola*) viii. 111.
brevirostris (Linota) . . . iv. 61, 65.
 brevirostris (*Numenius*) viii. 221.
 — (*Petronia*) iii. 607.
 — (*Phyllopneuste*) ii. 485.
 — (*Phylloscopus*) ii. 489.
 — (*Picus*) v. 19.
 — (*Procellaria*) viii. 545.
 — (*Rissa*) viii. 445.
 — (*Sylvia*) ii. 485.
 brissoni (*Motacilla*) iii. 233.
britannicus (Parus) iii. 88, 91,
 93, 94.
 brookii (*Falco*) vi. 31.
 brooksi (*Haliaetus*) v. 551.
 bruchii (*Aëdon*) ii. 553.
 — (*Anser*) vi. 375.
 — brachyrhynchos (*Aëdon*) ii. 553.
 — macrorhynchos (*Aëdon*) ii. 553.
 brucii (*Scops*) v. 334, 335.
bruennichi (Alca) viii. 570,
 575, 602.
 brumalis (*Emberiza*) iii. 535.
 brunneicephalus (*Larus*) viii. 357.
 brunnescens (*Acrocephalus*) ii. 585.
 — (*Agrobates*) ii. 585.
 — (*Calamoherpe*) ii. 585.
 brunneus (*Falco*) vi. 113.
 bruniceps (*Cisticola*) iii. 3.
 — (*Salicaria*) iii. 3.
 brunnichii (*Rissa*) viii. 447.
 brünnichii (*Alca*) viii. 575.
 — (*Uria*) viii. 575, 578.
Bubo v. 327, 337.
 Bubo ascalaphus v. 337.
 — europæus v. 339.
 — germanicus v. 339.
 — grandis v. 339.
Bubo ignavus v. 337, 339.
 Bubo maximus v. 339, 345.
 — melanotus v. 339.
 — microcephalus v. 339.
 Bubo otus v. 251.
 — pallidus v. 339.
 — scandiacus v. 339.
 — scandinavus v. 287.
 — scops v. 329.
 — septentrionalis v. 339.
 — sibiricus v. 339, 340, 344, 346.
 bubo (*Otus*) v. 339.
 — *Strix* v. 339.
 vi. 28.
 —, var. albus (*Strix*) v. 287.
 —, var. atheniensis (*Strix*) v. 339.
 Bubonidæ v. 249.
 Bubulcus vi. 205.
 — ibis vi. 245, 247.
 — ruficristata vi. 245.
bubulcus (Ardea) vi. 245,
 249, 250, 255.
 bubulcus (*Ardeola*) vi. 245.
 — (*Herodias*) vi. 245, 247.
 Bucanetes iv. 67, 83.
 — githagineus iv. 85.
 — sinaiticus iv. 73.
 buccinator (*Cygnus*) vi. 439.
 Bucephala vi. 587, 607.
 — albeola vi. 589, 704.
 — americana vi. 595.
 — clangula vi. 595.
 — historionica vi. 609.
 — islandica vi. 603.
 bucephala (*Anas*) vi. 589.
 Buceros v. 193.
 buchanani (*Emberiza*) iv. 185, 189.
 Budytes iii. 231, 261.
 — atricapillus iii. 269.
 — beema iii. 261.
 — boarula iii. 251.
 — campestris iii. 261, 277.
 — cinereocapilla iii. 269.
 — citreola iii. 245.
 — dubius, v. anthoides iii. 261.
 — fasciatus iii. 261.
 — flava iii. 277.
 — flavissima iii. 277.
 — flavus iii. 261.
 — gouldi iii. 261.
 — melanocephala iii. 273.
 — neglectus iii. 277.
 — nigricapilla iii. 269, 273.
 — paradoxus iii. 261.
 — pygmæus iii. 261.
 — rayi iii. 277.
 — rayi, var. flavifrons iii. 277.
 — schisticeps iii. 261.
 — superciliaris iii. 261.
 — taiwannus iii. 280.
 — viridis iii. 265.
 iv. 236.
 buffoni (*Lestris*) viii. 481.
 — (*Stercorarius*) viii. 481.
 bugiensis (*Alauda*) iv. 307.

- bullockii* (Procellaria) viii. 497.
 — (Thalassidroma) viii. 497.
bulweri (Æstrelata) viii. 551.
 — (Bulweria) viii. 551.
 — (Procellaria) viii. 552, 553.
 — (Pterodroma) viii. 551.
 — (Thalassidroma) viii. 551, 552.
Bulweria viii. **549**, 553.
Bulweria bulweri viii. 551.
Bulweria columbina viii. 510,
 549, **551**, 553.
Bulweria macgillivrayi viii. 549, 552.
bulwerii (Procellaria) viii. 551.
Buphagus viii. 455.
 — *skua* viii. 457.
Buphus vi. 205.
 — *castaneus* vi. 251.
 — *comata* vi. 251.
 — *comatus* vi. 251.
 — *coromanda* vi. 245.
 — *coromandelicus* vi. 245.
 — *illyricus* vi. 251.
 — *pseudoralloides* vi. 251.
 — *ralloides* vi. 251.
 — *russatus* vi. 245.
burka (Gallinago) vii. 641.
burnesi (Gallinula) vii. 316.
Burnesia iii. 11.
 — *lepida* iii. 13, 16.
burra (Lanius) iii. 381.
Buscarla iv. 149.
 — *cia* iv. 205.
 — *pityornis* iv. 217.
 — *pusilla* iv. 235.
Butaetes v. 469.
 — *buteo* v. 471.
 — *lagopus* v. 471.
Butaëtus v. 447.
 — *leucurus* v. 463.
Butaëtus v. 447, 479.
 — *leucurus* v. 463.
Butaëtus v. 447, 479.
 — *leucurus* v. 463.
Butaëtus pennatus v. 481.
Butalis iii. 445, 447.
 — *africana* iii. 447.
 — *alpestris* iii. 447.
 — *domestica* iii. 447.
 — *montana* iii. 447.
 — *pinetorum* iii. 447.
butanensis (Pica) iv. 509.
Butaquila v. 447.
 — *leucocephala* v. 463.
Buteo v. 413, **447**,
 469, 561, 585, 597, 661.
 vi. 1.
Buteo æruginosus v. 415.
 — *albidus* v. 449.
 — *apivorus* vi. 3.
 — *aquilinus* v. 463, 465.
 — *canescens* v. 463.
 — *capensis* v. 457.
Buteo cineraceus v. 423.
 — *cinereus* v. 449.
 — *cirtensis* v. 457.
 — *communis* v. 449.
 — *cyaneus* v. 431.
 — *delalandi* v. 457.
Buteo desertorum iii. 594.
 v. 452, 454, **457**, 458, 459, 466.
Buteo eximius v. 463.
 — *fasciatus* v. 449.
Buteo ferox iv. 547.
 v. 454, 457, **463**, 465,
 466, 467, 476.
Buteo ferox, var. *obscura* v. 463.
 — *fuliginosus* v. 463.
 — *fuscus* v. 449.
 — *gallicus* v. 563.
 — *hemilasius* v. 467.
 — *jackal* v. 485.
 — *lagopus* v. 471, 475.
 — *leucocephalus* v. 463.
 — *leucurus* v. 463, 466.
 — *longipes* v. 463.
 — *major* v. 449.
 — *medius* v. 449.
 — *minor* v. 449, 457.
 — *montanus* v. 447.
 — *murum* v. 449.
 — *mutans* v. 449.
 — *nigricans* v. 463, 466.
 — *nisus* v. 599.
 — *palumbarius* v. 587.
 — *pectoralis* v. 463.
 — *pennatus* v. 471.
 — *rufinus* v. 457, 463, 466.
 — *rufiventer* v. 457.
 — *rufus* v. 415.
 — *septentrionalis* v. 449.
 — *tachardus* v. 457.
 vi. 3.
 — *variabilis* v. 449.
 — *vociferus* v. 663.
Buteo vulgaris v. 447, **449**,
 451, 452, 454, 457, 458, 459,
 461, 477, 493, 649.
 vi. 11.
Buteo vulgaris, var. *capensis* v. 457.
 — *vulgaris*, var. *etrusca* v. 449.
 — *vulgaris*, var. *obscura* v. 449.
 — *vulpinus* v. 457.
buteo (Accipiter) v. 449.
 — (Butaetes) v. 471.
 — (Falco) v. 449.
 — *apivorus* (Accipiter) vi. 3.
Butor vi. 257, 279.
 — *americana* vi. 289.
 — *lentiginosus* vi. 289.
 — *minutus* vi. 259.
 — *stellaris* vi. 281.
cabanisi (Picus) v. 22, 23.
cabaret (Fringilla) iv. 47.
Caccabis vii. **91**, 93, 115, 118.
Caccabis arenarius vii. 97.
 — *bonhami* vii. 117.
Caccabis chukar v. 591.
 vii. 94, 95, 96, **97**, 98, 99,
 101, 102, 118.
Caccabis chukar, var. *pubescens* .. vii. 97.
 — *chukor* vii. 97.
 — *græca* vii. 93.
 — *pallescens* vii. 97, 99.
 — *pallidiceps* vii. 102.
 — *pallidus* vii. 97.
Caccabis petrosa v. 360.
 vii. 106, 109, **111**.
Caccabis rubra communis vii. 103.
Caccabis rufa vii. **91**, **103**,
 111, 113.
Caccabis rupicola vii. 97.
Caccabis saxatilis vii. **93**, 95,
 97, 98, 101, 102, 106.
Caccabis synoica vii. 97.
cachinnans (Larus) viii. 401, 411, 417, 418.
 — (Saxicola) ii. 247.
cacotl (Corvus) iv. 567.
cælipeta (Alauda) iv. 307.
cærulea (Fulica) vii. 299.
cæruleanus (Parus) iii. 139.
cærulecula (Cyanecula) ii. 317, 619.
 — (Motacilla) ii. 317.
cærulescens (Chen) vi. 407, 415.
 — (Parus) iii. 131.
 — (Rallus) vii. 258, 261.
cæruleus (Cyanistes) iii. 131.
cæruleus (Elanus) v. 661,
663, 666, 667.
cæruleus (Falco) v. 663.
cæruleus (Parus) .. iii. 86, 90, 94,
 104, **131**, 140, 141, 147, 148.
cæruleus (Porphyrio) vii. 297.
cærulegula (Sylvia) ii. 317.
cæsia (Emberiza) iv. 160, 161,
 210, **213**, 214, 215.
cæsia (Fringillaria) iv. 213.
 — (Glycispina) iv. 213.
cæsia (Sitta) .. iii. 171, 172, **175**,
 176, 177, 179, 184, 186, 187, 189.
cæsius (Elanoides) v. 663.
 — (Elanus) v. 663.
 — (Falco) vi. 83.
 — (Hortulanus) iv. 213.
 — (Porphyrio) vii. 299.
caffer (Cypselus) .. iv. 587, 591, 592, 606.
 — (Micropus) iv. 591.
caffra (Calamotherpe) ii. 579.
 — (Otis) vii. 350.
cahirica (Cotile) iii. 521.
 — (Hirundo) iii. 473, 475, 477.

- cahiricus (Larus) viii. 357.
 cahirina (Pyrgita) iii. 587.
 cahirinus (Larus) viii. 357.
 cairii (Erithacus) ii. 293.
 — (Ruticilla) ii. 293, 296.
 — (Sylvia) ii. 299.
 Calamanthella iii. 1.
 — tintinnabulum iii. 3.
 Calamodus ii. 557, 597.
 — salicarius ii. 591.
 Calamodyta ii. 515, 557, 603, 637.
 — agricola ii. 559.
 — agricolensis ii. 541.
 — aquatica ii. 591.
 — arundinacea ii. 567, 579.
 — caligata ii. 541.
 — cariceti ii. 591.
 — certhiola ii. 633.
 — cetti ii. 639.
 — doriæ ii. 633.
 — dumetorum ii. 561.
 — fluviatilis ii. 621.
 — lanceolata ii. 617.
 — luscinioides ii. 627.
 — melanopogon ii. 586, 605.
 — meridionalis ii. 585.
 — olivetorum ii. 527.
 — palustris ii. 573.
 — phragmitis ii. 597, 635.
 — rubescens ii. 633.
 — schoenobænus ii. 591, 597.
 — strepera ii. 567.
 Calamoherpe ii. 515, 545, 557, 609, 637.
 — agricola ii. 559.
 — alnorum ii. 567.
 — aquatica ii. 591.
 — arborum ii. 567.
 — arundinacea ii. 567, 579.
 — brehmii ii. 567.
 — brunnescens ii. 585.
 — caffra ii. 579.
 — caligata ii. 541.
 — certhiola ii. 633.
 — cetti ii. 639.
 — crassirostris ii. 567.
 — familiaris ii. 553.
 — fluviatilis ii. 621.
 — galactodes ii. 547.
 — hydrophilos ii. 567.
 — lacustris ii. 579.
 — locustella ii. 611, 618.
 iii. 214.
 — longirostris ii. 579, 585.
 — macrorhyncha ii. 585.
 — magnirostris ii. 561.
 — major ii. 579.
 — media ii. 579, 580.
 — musica ii. 573.
 — obscuricapilla ii. 567.
 — olivetorum ii. 527.
 Calamoherpe orientalis ii. 567.
 — palustris ii. 573.
 — philomela ii. 573.
 — phragmitis ii. 597, 615.
 — pinetorum ii. 567.
 — piscinarum ii. 567.
 — pratensis ii. 573.
 — salicaria ii. 573.
 — schoenibanus ii. 597.
 — scita ii. 541.
 — sericea ii. 639.
 — stagnatilis ii. 579.
 — stentorea ii. 585.
 — tenuirostris ii. 611.
 — tritici ii. 597.
 — turdoides ii. 579.
Calamophilus iii. 47, 50, 60.
 Calamophilus barbatus iii. 49.
Calamophilus biarmicus iii. 49.
 Calamophilus sibiricus iii. 50.
 Calandra iv. 302, 359.
 — leucoptera iv. 373.
 calandra (Alauda) iv. 296, 314, 341, 365, 370, 373, 379.
calandra (Melanocorypha) iv. 359, 361, 362, 363, **365**, 367, 368, 369, 375.
 calandra megarhynchos (Melanocorypha) iv. 367.
 calandre (Alauda) iv. 365.
Calandrella iv. 310, 327, **339**, 359, 362.
 — **bætica** . iv. 343, 344, **351**, 352.
 — **brachydactyla** iii. 276.
 iv. 66, 304, 337, 339, **341**, 343, 344, 349, 350, 351, 352, 353, 355, 356, 357, 371, 398.
 v. 210.
 Calandrella cristata iv. 346.
 — deserti iv. 329, 343, 349.
 — ferruginea iv. 349.
 — hermonensis .. iv. 341, 343, 345, 346.
 — immaculata iv. 341.
 — leucophæa iv. 343, 344, 398.
Calandrella minor iv. 343, 344, **349**, 351, 352, 353.
 — **pispoletta** iv. 343, 344, 347, 349, 352, 353, **355**, 356, 357.
 Calandrella reboudia iv. 343, 349, 351, 352.
 — sibirica iv. 373.
 calandrella (Alauda) iv. 341.
 Calandrina iv. 363.
 Calandritis iv. 339.
 — brachydactyla iv. 341.
 — heinei iv. 344.
 — kollyi iv. 341.
 — macroptera iv. 341.
 — minor iv. 349, 350.
 Calandritis pispoletta iv. 355.
 — reboudia iv. 349.
 calandrotte (Alauda) ii. 41.
 calcarata (Emberiza) iv. 253.
 — (Fringilla) iv. 253.
 calcaratus (Passer) iv. 253.
 — (Plectrophanes) iv. 253.
 calendula (Corthylio) ii. 451.
Calidris viii. 9, **99**, 101.
 Calidris americana viii. 101.
Calidris arenaria viii. 99, **101**, 107.
 Calidris canutus viii. 77.
 — grisea viii. 101.
 — islandica viii. 77.
 — mülleri viii. 101.
 — rubidus viii. 101.
 — tringoides viii. 101.
 calidris (Arenaria) viii. 101.
 — (Charadrius) viii. 101.
 — (Pelidna) viii. 21.
 — (Scolopax) viii. 157.
calidris (Totanus) iv. 47-4, viii. **157**, 169, 172, 182, 199.
 calidris (Tringa) viii. 77.
 — &c. (Tringa) viii. 101.
 — grisea (Tringa) viii. 77.
 — nævia (Tringa) viii. 77.
 calidus (Falco) vi. 31.
 californica (Alca) viii. 570.
 californicus (Podiceps) viii. 649, 656.
 caligata (Calamodyta) ii. 541.
 — (Calamoherpe) ii. 541.
caligata (Hypolais) ii. 538, 539, **541**, 542, 559.
 caligata (Iduna) ii. 541.
 — (Lusciola) ii. 541.
 — (Salicaria) ii. 541.
 — (Sylvia) ii. 541.
 Callichen vi. 549.
 — micropus vi. 559.
 — rufescens vi. 559.
 — ruficeps vi. 559.
 — rufinus vi. 559.
 — subrufinus vi. 559.
Calliope ii. 309, **339**, 348.
 Calliope baillonii ii. 342.
Calliope camtschatkensis . ii. 339, **341**.
 Calliope kamtschacensis ii. 341.
 — lathamii ii. 341.
 — pectoralis ii. 342.
 — suecioides ii. 317.
 calliope (Accentor) ii. 341.
 — (Erithacus) ii. 341.
 — (Lusciola) ii. 341.
 — (Melodes) ii. 341.
 — (Motacilla) ii. 341.
 — (Turdus) ii. 341.
 Calobates iii. 231, 251.

- calva (Ibis)..... vi. 327, 331.
calvus (Ibis) vi. 329.
— (Vultur) v. 547.
cambayensis (Columba) vii. 55.
— (Turtur) v. 582.
vii. 55.
campestris (Agrodroma) iii. 317.
— (Alauda) iii. 317, 343.
— (Alauda spinoletta) iii. 335.
campestris (Anthus)..... ii. 551.
iii. 283, 291, 293, **317**, 320,
322, 328, 329.
v. 210.
campestris (Budytes) iii. 261, 277.
— (Corydalla) iii. 317.
— (Fringilla)..... iii. 597.
— (Motacilla) .. iii. 261, 277, 278, 279.
— (Passer) iii. 597.
— (Pyrgita) iii. 597.
— (Tetrax) vii. 383.
— (Tringa) viii. 15, 16, 51.
Campethera v. 17.
— syriaca v. 35.
Campicola pileata ii. 304.
campylonyx (Sylvia) ii. 293.
cantschatkensis (Tridactylia) v. 69.
cantschatkensis (Calliope)
ii. 339, **341**.
— (Parus) iii. **119**, 120.
cantschatkensis (Turdus) ii. 341.
canadensis (Aquila) v. 533.
— (Bernicla) vi. 387.
— (Corythus) iv. 111.
— (Falco) v. 533.
— (Grus) vii. 344.
— (Perisoreus) iv. 469, 473.
— (Sitta) iii. 176, 177.
— (Strix)..... v. 309.
— (Surnia) v. 309.
— (Tringa)..... viii. 69.
canagularis (Alca) viii. 599.
canaria (Carduelis) iii. 557.
— (Crithagra) iii. 557.
— (Dryospiza) ii. 557.
— (Fringilla)..... iii. 557.
iv. 10.
canariensis (Fringilla) .. :..... iv. 9, 10.
—, var. moreleti (Fringilla)..... iv. 9.
canarius (Passer serinus) iii. 557.
canarius (Serinus).. iii. 552, **557**.
cancellata (Tringa) viii. 115.
cancrofaenus (Ardea) vi. 251.
— &c. (Ardea) vi. 251.
— luteus (Ardea) vi. 251.
Cancroma coromanda vi. 249.
Cancrophagus vi. 205, 251, 257, 259.
cancrophagus castaneus (Ardea) .. vi. 217.
candicans (Falco) vi. **18**, **21**,
26, 28, 29.
candicans islandicus (Falco) vi. 25.
- candicans (Falco islandicus) vi. 21.
— (Hierofalco)..... vi. 21.
— (Thalasseus) viii. 301.
candida (Ardea)..... vi. 231.
— (Ciconia) vi. 297.
— (Corvus monedula) iv. 523.
— (Herodias) vi. 231.
— (Hirundo urbica) iii. 495.
— (Nyctea) v. 287.
— (Nyctia) v. 287.
— (Perdix rubra) vii. 103.
— (Pyrrhula)..... iv. 101.
— (Strix)..... v. 287.
— minor (Ardea) vi. 245.
candidissima (Ardea) vi. 243, 244.
candidus (Charadrius vanellus) .. vii. 545.
candidus (Himantopus).. vii. 585,
587, 594.
canescens (Ægiothus) iv. 37, 51.
— (Buteo) v. 463.
— (Cannabina)..... iv. 37.
— (Glottis) viii. 173.
— (Lanius)..... iii. 413.
— (Larus) viii. 357.
— (Linaria) iv. 37.
— (Linota) iv. 37, 51, 55.
— (Scolopax) viii. 173.
— (Sterna) viii. 301.
— (Thalasseus) viii. 301.
canescens (Totanus) .. viii. **173**.
canescens, var. exilipes (Ægiothus) iv. 51.
caniceps (Carduelis) iii. 525, 530.
— (Chroicocephalus) viii. 365.
— (Curruca) ii. 377, 411.
— (Emberiza) iv. 208.
— (Picus) v. 95.
— (Xema) viii. 365.
Canigularis (Emberiza)..... iv. 205.
— (Linaria) iv. 37.
Cannabina iii. 533.
iv. 29.
— arbustorum iv. 31.
— canescens iv. 37.
— citrinella iii. 535.
— flavivestris iv. 59.
— linaria iv. 37.
— linota iv. 31.
— major iv. 31.
— media iv. 59.
— microrhynchos..... iv. 59.
— minor iv. 31.
— montium iv. 59.
— pinetorum iv. 31.
cannabina (Fringilla) iv. 31.
cannabina (Linaria) iv. **31**,
vii. 515.
— (Linota)..... iv. 29, **31**,
v. 210.
cannabina (Passer) iv. 31.
cannabinus (Ligurinus) iv. 31.
- canneti (Cynchramus) iv. 241.
canogularis (Podiceps) viii. 639.
canonicus (Serinus) iii. **555**, 556.
canoroides (Cuculus) v. 204.
canorus (Cuculus) .. v. 197, **199**,
204, 217, 221, 222, 223, 225.
cantabrigiensis (Scolopax) viii. 165.
cantarella (Alauda) iv. 307, 310, 311,
312, 313, 315.
cantiaea (Actocheilidon) viii. 301.
cantiaca (Sterna) viii. 275,
286, 299, **301**.
cantiacus (Thalasseus) viii. 301, 391.
cantiana (Ægialitis) .. vii. **483**,
484.
cantiana (Hiaticula)..... vii. 483.
cantianus (Ægialites) vii. 483.
viii. 414.
— (Ægialitis) vii. 483.
— (Ægialophilus) vii. 483.
— (Charadrius) vii. 483.
canus (Chloropicus) v. 95.
canus (Gecinus).... v. 94, **95**, 99.
— (Larus) vi. 184.
viii. **557**, 325, **381**, 384, 385, 386,
396, 424, 430, 432, 452, 561.
canus (Picus)..... v. 95.
— (Tetrao) vii. 193, 196.
—, var. major (Larus) viii. 381.
canuta (Tringa) viii. 207.
Canutus..... viii. 9.
— cinereus viii. 77.
— islandicus viii. 77.
canutus (Calidris) viii. 77.
canutus (Tringa) viii. 9, 64,
77, 133.
caparoch (Strix) v. 309.
capensis (Ægolius) v. 265.
— (Ardea stellaris) vi. 281.
capensis (Asio) v. 249, **265**,
266.
capensis (Brachyotus) v. 265.
— (Buteo) v. 457.
— (Cathartes) v. 391.
— (Cecropis) iii. 487.
— (Certhilauda)..... iv. 273.
— (Corvus)..... iv. 534.
— (Coturnix) vii. 143.
— (Hæmatopus) vii. 567.
— (Hirundo) iii. 487.
— (Ixos) iii. 361.
— (Ædicnemus) vii. 406, 407.
— (Otus) v. 265.
— (Phalacrocorax) vi. 166.
— (Phasmoptynx) v. 265.
capensis (Pycnonotus) .. iii. 351,
353, **361**.
capensis (Scolopax) vii. 649.
— (Scops) v. 333, 334.

- capensis* (*Strix*) v. 265.
 — (*Sula*) vi. 184.
 — (*Tachybaptus*) viii. 659.
 — (*Turdus*) iii. 361.
 — major (*Otus*) v. 265.
 —, var. *tingitanus* (*Phasmoptynx*) v. 265.
capillatus (*Carbo*) vi. 151.
 — (*Phalacrocorax*) vi. 151.
capistrata (*Salicaria*) ii. 559.
 — (*Saxicola*) ii. 185, 231, 235, 240.
 — (*Sylvia*) ii. 417.
capistratum (*Xema*) viii. 357.
capistratus (*Chroicocephalus*) viii. 357.
 — (*Gavia*) viii. 357.
 — (*Larus*) viii. 357.
 — (*Xema*) viii. 357.
capitalis (*Perisoreus*) iv. 469.
capite aurito (*Strix*) v. 287.
caprata (*Pratincola*) v. 210.
Caprimulgidæ iv. 619.
Caprimulgus iv. 619, 621.
 — **ægyptius** iv. 629.
Caprimulgus ægyptius iv. 629.
 — *arenicolor* iv. 629, 630, 631.
Caprimulgus europæus .. iv. 619, 621, 624, 625, 629, 630, 633, 634, 635.
 v. 332.
Caprimulgus europæus foliorum .. iv. 621.
 — *europæus maculatus* iv. 621.
 — *europæus peregrinus* iv. 621.
 — *europæus punctatus* iv. 621.
 — *europæus punctorum* iv. 621.
 — *foliorum* iv. 621.
 — *isabellinus* iv. 629, 634.
 — *jotaka* iv. 625.
 — *maculatus* iv. 621.
 — *punctatus* iv. 621.
Caprimulgus ruficollis .. iv. 633.
Caprimulgus ruficollis brachyurus .. iv. 633.
 — *ruficollis latirostris* iv. 633.
 — *ruficollis macrourus* iv. 633.
 — *rufitorquatus* iv. 633.
 — *rufitorquis* iv. 633.
 — *smithi* iv. 624.
 — *torquatus* iv. 633.
 — *vulgaris* iv. 621.
caprimulgus (*Hirundo*) iv. 621.
Carbo vi. 149.
 — *africanoides* vi. 169.
 — *africanus* vi. 169.
 — *albiventris* vi. 151.
 — *arboreus* vi. 151.
 — *ater* vi. 151.
 — *brachyuros* vi. 163.
 — *capillatus* vi. 151.
 — *cormoranus* vi. 151.
 — *cristatus* vi. 163.
 — *desmaresti* vi. 163.
 — *filamentosus* vi. 151.
 — *glacialis* vi. 151.
Carbo graculus vi. 163.
 — *javanicus* vi. 173.
 — *leucogaster* vi. 163.
 — *longicaudus* vi. 169.
 — *melanognathus* vi. 173.
 — *niepcii* vi. 173.
 — *pygmæus* vi. 173.
 — *subcormoranus* vi. 151.
carbo (*Anas*) vi. 657.
 — (*Graculus*) vi. 156.
 — (*Haliæus*) vi. 151.
 — (*Hydrocorax*) vi. 151.
 — (*Pelecanus*) vi. 151.
carbo (Phalacrocorax) vi. 149, 151, 156, 158, 165, 166, 184.
carbo (*Uria*) viii. 579, 586.
 — *major* (*Phalacrocorax*) vi. 152.
 — *medius* (*Phalacrocorax*) vi. 152.
carboides (*Graculus*) vi. 151.
 — (*Graculus*) vi. 151.
 — (*Graucalus*) vi. 151.
 — (*Phalacrocorax*) vi. 151.
Carbonarius v. 1.
 — *martius* v. 3.
carbonarius (*Parus*) iii. 87.
cardinalis (*Loxia*) iv. 75.
Carduelis iii. 525, 527, 533, 547, 615.
 iv. 29.
Carduelis accedens iii. 527.
 — *aurantipennis* iii. 527.
 — *aurata* iii. 527.
 — *canaria* iii. 557.
 — *caniceps* iii. 525, 530.
 — *carduelis* iii. 527.
 — *citrinella* iii. 535.
Carduelis elegans .. iii. 525, 527.
Carduelis germanica iii. 527.
 — *ligurinus* iii. 541.
 — *meridionalis* iii. 527.
 — *orientalis* iii. 530.
 — *septentrionalis* iii. 527.
 — *spinus* iii. 541.
carduelis (*Acanthis*) iii. 527.
 — (*Carduelis*) iii. 527.
 — (*Emberiza*) iii. 527.
 — (*Fringilla*) iii. 527.
 — (*Passer*) iii. 527.
 — (*Spinus*) iii. 527.
caribbæus (*Prion*) viii. 548.
cariceti (*Calamodyta*) ii. 591.
 — (*Sylvia*) ii. 591.
Caricicola ii. 557, 603.
 — *bonelli* ii. 605.
 — *cisticola* iii. 3.
 — *melanopogon* ii. 605.
 — *phragmitis* ii. 597.
 — *schoenibanus* ii. 597.
 — *subphragmitis* ii. 597.
 — *tritici* ii. 597.
carinata (*Aves*) ii. 1.
Carine v. 355.
 — *bactriana* v. 367.
 — *glaux* v. 333, 367.
 — *meridionalis* v. 367.
carniolica (*Merula*) ii. 91.
 — (*Scops*) v. 329.
 — (*Strix*) v. 329.
carnivorus (*Corvus*) iv. 532, 567.
carolina (*Porzana*) vii. 265.
carolinensis (*Accipiter* &c.) vi. 139.
 — (*Anas querquedula*) vi. 559.
 — (*Cuculus*) v. 227.
 — (*Erythrophrys*) v. 227.
 — (*Falco*) vi. 139.
 — (*Pandion*) vi. 139.
 — (*Parus*) iii. 105.
 — (*Querquedula*) vi. 508.
 — (*Sitta*) iii. 176, 177.
Carpodacus iii. 611.
 iv. 29, 67, 74, 83, 95, 109, 119.
Carpodacus crassirostris iv. 85.
Carpodacus erythrinus .. iv. 67, 70, 75, 76, 77, 78, 79, 81, 82.
Carpodacus githagineus iii. 384.
 iv. 85.
 — *lacteus* iii. 611.
 — *payraudæi* iv. 85.
 — *phœnicopterus* iv. 91, 92.
 — *purpureus* iv. 79.
 — *rhodopterus* iv. 91.
 — *roseus* iv. 67.
Carpodacus rubicillus iv. 69.
Carpodacus sinæicus iv. 73.
Carpodacus sinaiticus .. iv. 73.
Carpodacus synoica iv. 73.
Carpospiza iii. 605.
 — *brachydactyla* iii. 611.
 — *longipennis* iii. 611.
carunculata (*Ibis*) vi. 331.
Caryocatactes iv. 449.
 — *caryocatactes* iv. 451.
 — *guttatus* iv. 451.
 — *maculatus* iv. 451.
 — *nucifraga* iv. 451.
caryocatactes (*Caryocatactes*) iv. 451.
 — (*Corvus*) iv. 451.
caryocatactes (Nucifraga) iv. 449, 451, 452, 476, 488.
Casarca vi. 449.
 — *rutila* v. 527.
 vi. 461.
casarca (*Anas*) vi. 461.
 — (*Anser*) vi. 461.
casarca (Tadorna) vi. 461.
cashmiriensis (*Chelidon*) iii. 498.
 — (*Cinclus*) ii. 169, 170, 177, 179.
 — (*Sitta*) iii. 176, 179.
casiotis (*Columba*) vii. 4, 8, 9.

- caspia* (*Ardea*) vi. 217.
 — (*Emberiza*) iv. 249.
 — (*Megaloperdix*) vii. 237.
 — (*Oreotetrax*) vii. 237, 241.
 — (*Perdix*) vii. 241.
***caspia* (*Sterna*)** viii. **289**.
caspia (*Strix*) v. 257.
 — (*Sylochelidon*) viii. 289.
 — (*Thalasseus*) viii. 289.
caspica (*Sterna*) viii. 289.
caspicus (*Colymbus*) viii. 645.
 — (*Parus*) iii. 261.
 — (*Podiceps*) viii. 645.
caspius (*Charadrius*) vii. 479.
 — (*Helopus*) viii. 289.
 — (*Morinellus*) vii. 479.
 — (*Pterocles*) vii. 67, 69.
 — (*Tetrao*) vii. 241.
***caspius* (*Tetraogallus*)** .. vii. 235,
 237, 238, **241**, 242, 244.
cassini (*Falco*) vi. 41, 42.
 — (*Numenius*) viii. 245.
cassini (*Brachyotus*) v. 257.
 — (*Otus*) v. 257.
 — (*Pyrrhula*) iv. 100.
castanea (*Ardea*) vi. 251.
 — (*Hirundo*) iii. 473.
castaneiceps (*Emberiza*) iv. 208.
castaneicollis (*Petrocosyphus*) ii. 134.
castaneiventris (*Sitta*) iii. 176.
***castaneus* (*Ægithalus*)** .. iii. 161,
165, 166.
castaneus (*Ardea canrophagus*) .. vi. 217.
 — (*Buphus*) vi. 251.
 — (*Gypaetus*) v. 401.
 — (*Ibis*) vi. 335.
 — (*Milvus*) v. 643.
 — (*Numenius*) vi. 335.
 — (*Pyrgita*) iii. 587.
 — (*Tantalus*) vi. 335.
 — (*Turdus*) ii. 95.
 — (*Vultur*) v. 373.
castanotus (*Pyrgita*) iii. 587.
castor (*Merganser*) vi. 685.
 — (*Mergus*) vi. 685.
 — (*Saxicola*) ii. 190.
cata (*Enas*) vii. 67.
Cataracta viii. 455.
 — *parasitica* viii. 481.
 — *skua* viii. 457.
Cataractes pomarina viii. 463.
 — *richardsoni* viii. 471.
 — *vulgaris* viii. 457.
catarractes (*Lestris*) viii. 457.
Catarracta fusca viii. 457.
 — *parasitica* viii. 481.
 — *parasitica*, var. *camtschatica* viii. 463.
 — *pomarina* viii. 463.
Catarractes viii. 455, 555.
 — *lomvia* viii. 575.
Catarractes parasita viii. 471.
 — *parasitica* viii. 471, 481.
 — *ringvia* viii. 567.
 — *skua* viii. 457.
 — *troille* viii. 567.
catarractes (*Larus*) viii. 457.
 — (*Lestris*) viii. 457.
catarrhactes (*Megalestris*) viii. 457.
***catarrhactes* (*Stercorarius*)**
 viii. **457**, 460.
Catharacta skua viii. 457.
catharractes (*Lestris*) viii. 457.
Cathartes v. 389.
 — *capensis* v. 391.
 — *europæus* v. 391.
 — *meleagrides* v. 391.
 — *percnopterus* v. 391.
caucasica (*Megaloperdix*) vii. 237.
 — (*Perdix*) vii. 237.
 — (*Pyrrhula*) iv. 69.
 — (*Strobilophaga*) iv. 69.
 — (*Tetrao*) vii. 237.
caucasicus (*Coccothraustes*) iv. 69.
***caucasicus* (*Tetraogallus*)** vii. 235,
237, 238, 241, 242, 244.
caucasicus (*Xanthornus*) iv. 151.
caudacuta (*Acanthylis*) iv. 613.
***caudacuta* (*Acanthyllis*)** . vii. 611,
613, 615.
caudacuta (*Anas*) vi. 531.
 — (*Chætura*) iv. 613.
 — (*Dafila*) vi. 531.
 — (*Hirundapus*) iv. 613.
 — (*Hirundo*) iv. 613.
 — (*Pallene*) iv. 613.
 — (*Querquedula*) vi. 531.
***caudata* (*Acredula*)** iii. 61,
67, 68, 70, 73, 74, 104.
caudata (*Anas*) vi. 531.
 — (*Dafila*) vi. 531.
 — (*Mecistura*) iii. 63, 67.
 — (*Pica*) iv. 482, 509, 514.
caudatus (*Orites*) iii. 67.
 — (*Paroides*) iii. 67.
 — (*Parus*) iii. 63, 67, 73.
caurinus (*Corvus*) iv. 535.
cavaignacii (*Hierapterhina*) iv. 383.
cavorum (*Columba*) vii. 23.
cayana (*Sterna*) viii. 268.
cayennensis (*Ardea*) vi. 271.
 — (*Falco*) vi. 139.
 — (*Vanellus*) vii. 543.
Cecropis iii. 471.
 — *boissoneautii* iii. 473.
 — *capensis* iii. 487.
 — *pagorum* iii. 477.
 — *riocouri* iii. 473.
 — *rufula* ii. 478.
 — *rustica* iii. 477.
 — *savignyi* iii. 473.
Cecropis stabulorum iii. 477.
cecilli (*Anthus*) iii. 299.
cedrorum (*Ampelis*) iii. 427.
 — (*Bombycilla*) iii. 435.
Celalyca iv. 493.
cenchris (*Cerchneis*) vi. 125.
***cenchris* (*Falco*)** iv. 605,
 vi. 13, 117, **125**, 127, 132,
 133, 134, 135.
cenchris (*Pœcilornis*) vi. 125.
 — (*Tichornis*) vi. 125.
 — (*Tinnunculus*) vi. 120, 125, 131.
Centropbanes iv. 251.
 — *lapponicus* iv. 253.
Cephus viii. 579, 589, 591.
 — *arcticus* viii. 581.
 — *faeroensis* viii. 581.
 — *glacialis* viii. 587.
 — *grylle* viii. 581.
 — *meisneiri* viii. 581.
cephus (*Lestris*) viii. 481.
 — (*Stercorarius*) viii. 481.
Cepphus viii. 579, 607.
 — *arcticus* viii. 615.
 — *lacteolus* viii. 581.
 — *lomvia* viii. 578.
 — *septentrionalis* viii. 621.
 — *stellatus* viii. 621.
 — *torquatus* viii. 609.
cepheus (*Larus*) viii. 471.
 — (*Stercorarius*) viii. 471, 481.
cerasorum (*Coccothraustes*) iii. 575.
Ceratoblepharum viii. 597.
 — *arcticum* viii. 599.
ceraunia (*Motacilla*) ii. 305.
Cerchneis vi. 13.
 — *cenchris* vi. 125.
 — *media* vi. 113.
 — *murum* vi. 113.
 — *tinnuncula* vi. 113.
 — *tinnunculus* vi. 131.
 — *vespertinus* vi. 93.
Cercomela fusca iv. 200.
Cerconectes vi. 675, 677.
Certhia iii. 47, **193**, 205.
Certhia americana iii. 195, 201.
 — *brachydactyla* iii. 195.
 — *brachyrhynchus* iii. 195.
 — *costæ* iii. 195, 200, 201.
 — *discolor* iii. 201, 202.
Certhia familiaris .. iii. 193, **195**,
 201, 202, 205.
 v. 210, 275.
Certhia familiaris, var. *americana* . iii. 201.
 — —, var. *mexicana* iii. 201.
 — *fusca* iii. 195.
 — *himalayana* iii. 202.
 — *hodgsoni* iii. 195, 198, 200.
 — *macroductyla* iii. 195.
 — *megarhynchos* iii. 195.

- Certhia mexicana* iii. 195, 201.
 — *muraria* iii. 207.
 — *nattereri* iii. 195.
 — *nipalensis* iii. 202.
 — *paradoxa* iii. 195.
 — *rufidorsalis* iii. 195.
 — *scandulaca* iii. 195.
 — *septentrionalis* iii. 195.
Certhiæ iv. 473.
Certhiidae ii. 165.
Certhilauda iv. 273, 280, 283.
Certhilauda alaudipes iv. 273.
 — *bifasciata* iv. 275.
 — *boysii* iv. 285.
 — *capensis* iv. 273.
 — *chendoola* iv. 285.
Certhilauda desertorum iii. 426.
 iv. 273, 275, 384.
Certhilauda doriæ iv. 275.
Certhilauda duponti iv. 277,
 279, 280.
Certhilauda meridionalis iv. 275.
 — *salvini* iv. 275.
certhiola (*Calamodyta*) ii. 633.
 — (*Calamoherpe*) ii. 633.
***certhiola* (*Locustella*)** ii. 609,
 633, 634, 635.
 — (*Motacilla*) ii. 633.
 — (*Salicaria*) ii. 633.
 — (*Sylvia*) ii. 633.
 — (*Turdus*) ii. 633.
Certhius major iii. 195.
 — *minor* iii. 195.
***cervicalis* (*Garrulus*)** iv. 492,
 496, 499.
cervina (*Motacilla*) iii. 299, 305.
***cervinus* (*Anthus*)** iii. 288, 289,
 297, 299, 300, 304, 305,
 307, 311, 320, 332, 339.
 iv. 259, 344.
 v. 210.
Ceryle v. 123, 131.
Ceryle alcyon v. 123.
 — *bicineta* v. 125.
 — *leucomelanura* v. 125.
 — *leucomelas* v. 125.
Ceryle rudis v. 116, 123, 125,
 136, 137.
Ceryle varia v. 125.
Cesarornis vii. 297.
 — *alleni* vii. 307.
Cetosparactes viii. 347.
 — *eburneus* viii. 349.
cetti (*Bradypterus*) ii. 639.
 — (*Calamodyta*) ii. 639.
 — (*Calamoherpe*) ii. 639.
 — (*Cettia*) ii. 639.
 — (*Curruca*) ii. 639.
cetti (*Phragmitis*) ii. 639.
 — (*Salicaria*) ii. 639.
 — (*Sylvia*) ii. 639.
Cettia ii. 603, 637.
Cettia albiventris ii. 639, 641.
 — *altisonans* i. 639.
 — *cetti* ii. 639.
 — *cettioides* ii. 639.
 — *luscinioides* ii. 627.
 — *melanopogon* ii. 605.
 — *orientalis* ii. 639, 643, 644.
 — *scalenura* ii. 639, 641.
 — *sericea* ii. 639.
 — *stoliczkæ* ii. 639, 641.
***cettii* (*Bradypterus*)** ii. 637, 639.
 v. 210.
 — (***Cettia***) ii. 637, 639.
cettii (*Potamodus*) ii. 639.
 — (*Sylvia*) ii. 628.
cettioides (*Cettia*) ii. 639.
ceylonensis (*Ketupa*) v. 547.
 — (*Upupa*) v. 183, 184.
Chacura vii. 91.
 — *chukar* vii. 97.
 — *chukor* vii. 97.
 — *græca* vii. 93.
 — *græca*, var. vii. 97.
 — *pugnax* vii. 97.
 — *sinaitica* vii. 97.
Chæmarrhornis leucocephala ii. 306, 307.
Chætopus vii. 121.
 — *francolinus* vii. 123.
Chætura iv. 611, 617.
 — *australis* iv. 613.
 — *caudacuta* iv. 613.
 — *fusca* iv. 613.
 — *macroptera* iv. 613.
 — *nudipes* iv. 613.
 — *pelasgia* iv. 616.
Chætusia leucura vii. 532.
challayi (*Tetraogallus*) vii. 241.
challayii (*Tetraogallus*) vii. 242.
chalybeius (*Crateropus*) iii. 23.
 v. 202.
chalybeus (*Crateropus*) iii. 23.
chalybius (*Crateropus*) iii. 23.
Chamærrhous ii. 275.
 — *erythrogastra* ii. 305.
Charadriidae vii. 423.
Charadrius vii. 399, 423, 433,
 453, 473, 477, 505, 519, 525,
 537, 543, 553, 564, 585.
 viii. 99.
Charadrius, sp. nov. vii. 491.
 — *ægyptius* vii. 521.
 — *africanus* vii. 521.
 — *albifrons* vii. 483.
 — *alexandrinus* vii. 483.
 — *alexandrinus*, var. vii. 491.
Charadrius altifrons vii. 435.
 — *apricarius* vii. 435.
 — *asiaticus* vii. 475, 479.
 — *auratus* vii. 435, 443.
 — *aureus* vii. 435.
 — *calidris* viii. 101.
 — *cantianus* vii. 483.
 — *caspicus* vii. 479.
 — *cinclus* vii. 555.
 — *columbinus* vii. 475.
 — *corrira* vii. 425.
 — *cristatus* vii. 539.
 — *curonicus* vii. 491.
 — *damarensis* vii. 479.
 — *dubius* vii. 491.
 — *fluviatilis* vii. 491.
Charadrius fulvus vii. 436, 437,
 438, 443, 444, 445, 448, 449.
Charadrius fuscus vii. 475.
 — *gallicus* vii. 425.
 — *gavia* vii. 545.
 — *geoffroyi* vii. 475.
 — *gigas* vii. 479.
 — *glaucopus* vii. 443.
 — *gracilis* vii. 491.
 — *gregarius* vii. 527.
 — *griseus* vii. 475.
 — *helveticus* vii. 455.
 — *hiaticula* vii. 491, 497.
 viii. 199.
 — *hiaticuloides* vii. 491.
 — *himantopus* vii. 587, 593.
 — *hypomelanus* vii. 455.
 — *hypomelas* vii. 455.
 — *illyricus* vii. 401.
 — *intermedius* vii. 497, 500.
 — *jugularis* vii. 479.
 — *keptuschka* vii. 527.
 — *leschenaultii* vii. 475.
 — *leucurus* vii. 531.
 — *littoralis* vii. 483.
 — *longipes* vii. 436, 447, 448, 449, 540.
 — *longirostris* vii. 455.
 — *melanocephalus* vii. 521.
 — *minor* vii. 491.
 — *minutus* vii. 491.
 — *mongolicus* vii. 459.
 — *morinellus* vii. 461, 507, 518, 603.
 — *nævius* vii. 455.
 — *cedicnemus* vii. 401.
 — *pardela* vii. 455.
 — *persicus* vii. 539.
 — *philippinus* vii. 491.
Charadrius pluvialis vii. 433,
 435, 436, 437, 443, 445, 447, 449,
 451, 453, 462, 633.
 viii. 207.
Charadrius pusillus vii. 491.
 — *pygmæus* vii. 491.
 — *rubidus* viii. 101.

- Charadrius rufinus* vii. 475.
 — *scolopax* vii. 401.
 — *senegalensis* vii. 539.
 — *sibiricus* vii. 507.
 — *spinus* vii. 539.
 — *squatarola* vii. 455.
 — *taitensis* vii. 443.
 — *tartaricus* vii. 507.
 — *torquatus* vii. 497.
 — *trochilus* vii. 483.
 — *vanellus* vii. 545.
 — *vanellus candidus* vii. 545.
 — *vanellus pallidus* vii. 545.
 — *vanellus varius* vii. 545.
 — *varius* vii. 455.
 — *ventralis* vii. 527.
 — *virginianus* vii. 436, 443, 445.
 — *virginicus* vii. 436, 437, 443, 444,
 445, 447, 448.
 — *wagleri* vii. 527.
 — *wilsoni* vii. 458.
 — *xanthocheilus* vii. 443, 444.
 — *zonatus* vii. 491.
charadrioides (*Ammoptila*) vii. 521.
 — (*Cursor*) vii. 521.
chassefiente (*Vultur*) v. 373.
chata (*Tetrao*) vii. 67.
Chauleasmus vi. 467, **485**.
 — *americanus* vi. 487.
 — *angustirostris* vi. 479.
 — *cinereus* vi. 487.
 — *strepera* vi. 487.
Chauleasmus streperus vi. 485,
 487.
Chaulodus vi. 485.
 — *strepera* vi. 487.
Cheilodromas vii. 519.
 — *melanocephalus* vii. 521.
Cheimonia viii. 445, 447.
cheleënsis (*Alaudula*) iv. 355, 356.
Chelidon iii. **493**, 503.
Chelidon albigena iii. 499.
 — *blakistoni* iii. 498.
 — *cashmiriensis* iii. 498.
 — *dasyptus* iii. 498.
 — *fenestrarum* iii. 495.
 — *lagopoda* iii. 498.
 — *microrhynchus* iii. 505.
 — *nipalensis* iii. 499.
 — *rupestris* iii. 495, 513.
 — *tectorum* iii. 495.
Chelidon urbica iii. 493, **495**.
Chelidon urbica fenestrarum iii. 495.
 — *urbica latirostris* iii. 495.
 — *urbica rupestris* iii. 495.
 — *urbica septentrionalis* iii. 495.
 — *urbica tectorum* iii. 495.
 — *urbica vulgaris* iii. 495.
 — *whitelyi* iii. 498.
chelidon (*Sterna*) viii. 263.
Chen vi. **407**.
Chen albatrus vi. 407, **409**, 413.
 — *cærulescens* vi. 407, 415.
 — *hyperborea* vi. 413.
Chen hyperboreus v. 539.
 vi. 407, 409,
 410, **413**.
Chenalopex vi. 407.
 viii. 555.
 — *ægyptiaca* vi. 407.
 — *hyperboreus* vi. 413.
 — *impennis* viii. 563.
chendoola (*Alauda*) iv. 285.
 — (*Certhilauda*) iv. 285.
 — (*Galerida*) iv. 285.
 — (*Galerita*) iv. 291.
cherrug (*Falco*) vi. 59.
Chettusia vii. **525**.
 — ***gregaria*** vii. 525, **527**.
 — ***leucura*** vii. 525, 528, **531**,
 533, 540.
chicquera (*Falco*) v. 151.
Chilodromus vii. 519.
chincou (*Vultur*) v. 383.
chinensis (*Corydalla*) iii. 325.
 — (*Pelidna*) viii. 21, 59.
 — (*Pica*) iv. 509.
 — (*Tringa*) viii. 21, 59.
Chionospina iii. 615, 617.
Chionospiza iii. 615.
chiquera (*Lithofalco*) v. 571.
Chlamydotis vii. 367, 391.
 — *houbara* vii. 391.
Chloirocephalus viii. 355.
 — *pileatus* viii. 357.
chlorio (*Picus*) v. 95.
Chloris iii. 565.
 — *aurantiventris* iii. 567, 570.
 — *flavigaster* iii. 567.
 — *hortensis* iii. 567.
 — *pinetorum* iii. 567.
 — *septentrionalis* iii. 567.
chloris (*Chlorospiza*) iii. 567, 570.
 — (*Coccothæustes*) iii. 567.
 — (*Fringilla*) iii. 567.
 iv. 80.
 — (***Ligurinus***) iii. 565, **567**.
 v. 210, 211.
 — (*Loxia*) iii. 567.
 — (*Passer*) iii. 567.
 — (*Serinus*) iii. 567.
chlorocephala (*Emberiza*) iv. 185.
chlorocephalus (*Hortulanus*) iv. 185.
 — (*Pluvianus*) vii. 521.
chloronotus (*Porphyrio*) vii. 303.
Chloropeta ii. 515.
 — *elaica* ii. 537.
 — *olivetorum* ii. 527.
 — *pallida* ii. 531.
chlorophrys (*Emberiza*) iv. 193.
Chloropicus v. 75.
 — *canus* v. 95.
 — *vallantii* v. 93.
 — *viridis* v. 77.
Chloroptila iii. 533.
 — *citrinella* iii. 535.
chloropus (*Fulica*) vii. 313.
chloropus (Gallinula) vii. 309,
 311, **313**, 316, 325, 328.
chloropus (*Glottis*) viii. 173.
 — (*Rallus*) vii. 313.
 — (*Stagnicola*) vii. 313.
 — (*Totanus*) viii. 173.
chlororhyncha (*Platalea*) vi. 324.
Chlorospiza iii. 533, 565.
 iv. 67.
 — *chloris* iii. 567, 570.
 — *chlorotica* iii. 567.
 — *citrinella* iii. 535.
 — *incerta* iv. 75, 81.
chlorotica (*Chlorospiza*) iii. 567.
chloroticus (*Ligurinus*) iii. 567.
chlorynotus (*Porphyrio*) vii. 303.
choka (*Aquila*) v. 513.
Chordeiles popetue iv. 625.
Chourtka vii. 235.
 — *alpina* vii. 237.
Chroicocephalus viii. 355.
 — *caniceps* viii. 365.
 — *capistratus* viii. 357.
 — *gelastes* viii. 389.
 — *ichthyætos* viii. 369.
 — *melanocephalus* viii. 365.
 — *minor* viii. 357.
 — *minutus* viii. 373.
 — *pileatus* viii. 357.
 — *ridibundus* viii. 357.
Chroocephalus viii. 355.
 — *ridibundus* viii. 357.
chrysaetos (*Aquila*) v. 521, 524, 533.
chrysaëtus (Aquila) v. 479, **533**,
 535, 537, 538, 539.
 — (*Falco*) v. 533.
chrysocephalus (*Merops*) v. 155.
 — (*Regulus*) ii. 453.
chrysocercus (*Merops*) v. 165.
chrysostris (*Motacilla*) iii. 261.
chrysolæma (*Alauda*) iv. 387.
 — (*Otocoris*) iv. 387.
 — (*Otocorys*) iv. 387, 401.
Chrysomitris iii. **533**, 547.
 iv. 29.
 — ***citrinella*** iii. **535**.
 — ***spinus*** iii. 533, **541**.
chrysopelargus (*Ardea*) vi. 309.
chrysophrys (*Citrinella*) iv. 193.
chrysophrys (Emberiza) iv. **193**.
chrysophthalma (*Clangula*) vi. 595.
chrysophthalmos (*Clangula*) vi. 595.

- chrysopterygia (Dromolæa) ii. 223, 225.
 — (Saxicola) ii. 191, 229.
 chrysorrhæus (Pycnonotus) iii. 361.
chukar (Caccabis) v. 591.
 vii. 94, 95, 96, **97**, 98,
 99, 101, 102, 118.
 chukar (Chacura) vii. 97.
 — (Perdix) vii. 97, 136.
 —, var. pubescens (Caccabis) . . vii. 97.
 chukart (Perdix) vii. 97.
 chukor (Caccabis) vii. 97.
 — (Chacura) vii. 97.
 — (Pycetes) vii. 97.
Cia iv. 149, 207.
 — cia iv. 205.
 cia (Buscarla) iv. 205.
 — (Cia) iv. 205.
 — (Citrinella) iv. 205.
cia (Emberiza) ii. 290.
 iv. 92, 180, **205**, 207,
 208, 210, 214.
 cia (Euspiza) iv. 205.
 — (Hylæspiza) iv. 205.
 cicada (Locustella) ii. 621.
 Cichloides ii. 1, 83.
 — atrigularis ii. 83.
 Cichlops iii. 283.
 — monticolus iii. 325.
Ciconia vi. **295**, 298, 324.
 vii. 335.
 Ciconia abdimii vi. 295.
Ciconia alba vi. 295, **297**, 300,
 312, 313, 316.
 vii. 357.
 Ciconia albescens vi. 297.
 — candida vi. 297.
 — fusca vi. 309.
 — major vi. 297.
Ciconia nigra vi. **309**, 310,
 315, 316.
 Ciconia nivea vi. 297.
 — numidica vii. 353.
 ciconia (Ardea) vi. 297.
 Ciconiidae vi. 295.
 Cinclidae iii. 363.
 Cinclinae ii. 165.
Cinclus ii. **165**, 182.
 iii. 363.
 vii. 553.
 — **albicollis** ii. 168, 169,
 170, 171, 180,
 181, 182.
 — **aquaticus** ii. 165, **167**, 168,
 169, 177, 179, 180, 181,
 182, 183.
 Cinclus aquaticus, var. minor ii. 168.
 — aquaticus, var. rufiventris et
 albiventris ii. 181.
 — asiaticus ii. 165.
 Cinclus cashmiriensis ii. 169, 170,
 177, 179.
 — europæus ii. 167.
 — interpres vii. 555.
 — leucogaster ii. 169, 170.
 — medius ii. 167.
Cinclus melanogaster. ii. 168, 169,
 170, 171, **177**, 178, 179,
 180, 182, 183.
 Cinclus meridionalis ii. 167.
 — minor ii. 169, 181, 183.
 — morinellus vii. 555.
 — pallasii ii. 165.
 — peregrinus ii. 167.
 — rufipectoralis ii. 167.
 — rupestris ii. 167.
 — septentrionalis ii. 177, 180.
 cinclus (Aquatilis) ii. 167.
 — (Charadrius) vii. 555.
 — (Hydrobata) ii. 167.
 — (Pelidna) viii. 21.
 — (Sturnus) ii. 167, 177.
 — (Tringa) viii. 21, 35, 64, 133.
 — (Turdus) ii. 167.
 —, var. (Pelidna) viii. 15.
 —, var. chinensis (Tringa) viii. 21.
 — dominicensis (Tringa) viii. 11.
 — minor (Tringa) viii. 21.
 — torquatus (Tringa) viii. 21.
cinctura (Ammomanes) iv. 330,
 335, 336.
 cinctura (Melanocorypha) iv. 335.
cinctus (Parus) ii. 282, 511.
 iii. **125**, 126, 128, 129.
 cineracea (Ardea) vi. 207.
 — (Curruca) ii. 377.
 — (Emberiza) iv. 159.
 — (Grus) vii. 337.
 — (Perdix) vii. 131.
 — (Pyrrhula) iv. 98, 99,
 100, 107.
 cineraceus (Anser) vi. 383.
 — (Buteo) v. 423.
cineraceus (Circus) v. **423**,
 442, 444, 445.
 viii. 319.
 cineraceus (Falco) v. 423.
 — (Strigiceps) v. 423.
 cinerareus (Falco) v. 423.
 cineraria (Ficedula curruca) ii. 377.
 — (Sylvia) ii. 377.
 cinerarius (Circus) v. 423.
 — (Falco) v. 423.
 — (Larus) viii. 357, 447.
 cinerascens (Anas) vi. 663.
 — (Circus) v. 423.
 — (Falco) v. 423.
 — (Glaucopteryx) v. 423.
 — (Hypolais) ii. 531.
 — (Phalaropus) vii. 597.
 cinerascens (Pterocircus) v. 423.
 — (Strigiceps) v. 423.
 — et arigonis (Hypolais) ii. 531.
 cinerea (Anas) vi. 487.
cinerea (Ardea) vi. 205, **207**,
 222, 223, 227, 234,
 235, 237.
 cinerea (Arenaria) vii. 555.
 — (Curruca) ii. 377.
cinerea (Emberiza) iv. **159**, 160.
 cinerea (Ficedula) ii. 377.
 — (Ficedula curruca) ii. 377.
 — (Ficedula motacilla) iii. 233.
 — (Grus) vi. 64.
 vii. 337, 339, 351.
 — (Hirundo) iii. 505.
 — (Hypocentor) iv. 159.
 — (Limosa) viii. 197, 198.
 — (Motacilla) iii. 233, 251.
 — (Nectris) viii. 513, 527.
 — (Oenanthe) ii. 187.
cinerea (Perdix) vii. 112, 118,
 129, **131**, 136.
 cinerea (Peristera) vii. 37.
 — (Procellaria) viii. 513, 535.
 — (Rissa) viii. 447.
 — (Saxicola) ii. 190.
 — (Saxicola oenanthe) ii. 187.
 — (Scolopax) viii. 195.
 — (Squatarola) vii. 455.
 — (Starna) vii. 131.
 — (Strix) v. 295.
 — (Sylvia) ii. 377, 408.
 iii. 214.
 iv. 79.
cinerea (Terekia) viii. 193, **195**.
 cinerea (Tringa) viii. 77.
 — (Ulula) v. 281.
 — (Vitiflora) ii. 187.
 —, var. persica (Curruca) ii. 377.
 — brachyrhynchos (Ardea) vi. 207.
 — longirostris (Grus) vii. 337, 343.
 — major (Ardea) vi. 207.
 — media (Ardea) vi. 207.
 — minor (Ardea) vi. 207.
 cinereicollis (Fulica) vii. 327.
 cinereo-alba (Perdix) vii. 131.
 cinereocapilla (Budytes) iii. 269.
 — (Motacilla) iii. 265, 269, 274.
 — (Motacilla flava) iii. 269.
 cinereum (Syrnium) v. 281, 284.
 —, var. lapponicum (Syrnium) . . . v. 281.
 cinereus (Accipiter lanarius) v. 431.
 — (Aegyptius) v. 383.
cinereus (Anser) vi. 345, 353,
 355, 359, 364, 366,
 369, 372, 374.
 cinereus (Buteo) v. 449.
 — (Canutus) viii. 77.
 — (Chauleasmus) vi. 487.

- cinereus (*Circus*)..... v. 431.
 — (*Corvus*)..... iv. 543.
 — (*Cuculus*) v. 199.
 — (*Falco*) vi. 15.
 — (*Falco montanus*) v. 431.
 — (*Gyps*)..... v. 383.
 — (*Haliaëtus*)..... v. 551.
 — (*Lagopus*)..... vii. 157.
 — (*Lanius*)..... iii. 375.
 — (*Larus*) viii. 357, 381, 399, 421.
 — (*Lobivanellus*) vii. 530.
 — (*Merganser*) vi. 685.
 — (*Numenius*) viii. 195.
 — (*Phalaropus*) vii. 597, 609.
 — (*Polypteryx*) v. 383.
 — (*Puffinus*) .. viii. 513, 514, 523, 527.
 — (*Strigiceps*)..... v. 431.
 — (*Tringa totanus*)..... viii. 87.
 — (*Vultur*) v. 376, 380, 383.
 — (*Xenus*) viii. 195.
 — communis (*Parus*) iii. 99.
 — lenensis (*Parus*) iii. 129.
 — montanus (*Parus*)..... iii. 107, 110.
 cinerosus (*Cuculus*) v. 227.
 cinnamomea (*Alauda*) iv. 343.
 cinnamomeoventris (*Sitta*) iii. 176.
 cioides (*Emberiza*)..... iv. 207, 208.
 ciopsis (*Emberiza*)..... iv. 208.
 Circaëtus..... v. 561.
 — brachydaetylus v. 563.
 — gallicus v. 563.
 Circaëtus v. 561.
 — anguium v. 563.
 — gallicus v. 563.
 — hypoleucus v. 563.
 — leucopsis v. 563.
 — meridionalis v. 563.
 — orientalis v. 563.
 — paradoxus v. 563.
Circaëtus .. v. 447, **561**, 563, 567.
 Circaëtus ferox..... v. 463.
Circaëtus gallicus v. 465, 531,
 561, **563**, 564.
 circia (*Anas*) vi. 513.
 — (*Cyanopterus*) vi. 513.
 — (*Pterocyanea*) vi. 513.
circia (Querquedula) vi. 505,
513, 518.
Circus v. **413**.
 Circus ægithus v. 431.
 — æquipar v. 441.
Circus æruginosus v. **415**,
 429, 444, 652.
 viii. 319.
 Circus æruginosus, var. byzantinus. v. 415.
 — albescens v. 441.
 — aquaticus v. 415.
 — arundinaceus v. 415.
 — ater v. 423.
Circus cineraceus v. **423**,
 442, 444, 445.
 viii. 319.
 Circus cinerarius v. 423.
 — cinerascens v. 423.
 — cinereus v. 431.
Circus cyaneus v. 413, **431**,
 436, 438, 441, 442, 443, 444, 445.
 vii. 349.
 Circus dalmatinus v. 441.
 — desertorum v. 441.
 — elegans v. 423.
 — gallinarius v. 431.
 — heuglinii v. 415.
 — hudsonius v. 437, 438.
 — macrurus v. 441, 445.
 — montagui v. 423.
 — nigripennis v. 431.
 — nipalensis v. 423.
 — pallens v. 431.
 — pallidus v. 441.
 — palustris v. 415.
 — pratorum v. 423.
 — pygargus v. 423, 431.
 — ranivorus v. 444.
 — rufus v. 415.
 viii. 333.
 — sylonotus v. 420.
 — superalialis v. 441.
Circus swainsoni v. 423,
441, 442, 445.
 Circus swainsonii..... v. 441.
 — sykesii v. 415.
 — umbrinus v. 415, 419.
 — variegatus v. 415.
 circus (*Accipiter*) v. 415.
 — major (*Accipiter*) v. 587.
 — palustris (*Accipiter*) v. 415.
 — rufus (*Accipiter*) v. 415.
 — varius (*Accipiter*) v. 587.
 ciris (*Hirundapus*) iv. 613.
 — (*Hirundo*) iv. 613.
 Cirrus iv. 149.
 cirrus (*Citrinella*) iv. 177.
cirrus (Emberiza) ii. 351.
 iv. **177**.
 v. 201.
 Cirrepidesmus vii. 473.
 — geoffroyi vii. 475.
 cirris (*Picus*) v. 39, 40.
 cirtensis (*Buteo*) v. 457.
 — (*Falco*) v. 457.
 cisalpina (*Fringilla*) iii. 585, 593.
 — (*Pyrgita*) iii. 585.
 cisalpinus (*Passer*) iii. 585.
 — (*Passer domesticus*)..... iii. 585.
 cissa (*Picus*) v. 19.
Cisticola ii. 609, 637.
 iii. **1**, 3, 7, 11.
 Cisticola arguata iii. 3, 5.
 — ayresii..... iii. 3.
 — brunniceps iii. 3.
Cisticola cursitans iii. **1**, **3**,
 4, 6, 7.
 Cisticola europæa iii. 3.
 — exilis iii. 7.
 — fuscicapilla iii. 7.
 — grayii iii. 6.
 — homalura iii. 3, 6.
 — isura iii. 7.
 — lanceolata ii. 617.
 — lineocapilla iii. 7.
 — madagascariensis iii. 7.
 — melanocephala iii. 6.
 — munipurensis iii. 36.
 — ruficeps iii. 7.
 — ruficollis..... iii. 6.
 — rustica iii. 7.
 — semirufa iii. 7.
 — terrestris iii. 3.
 — tintinnabulans iii. 3.
 — volitans iii. 6, 7.
 cisticola (*Caricicola*) iii. 3.
 — (*Cysticola*)..... iii. 3.
 — (*Drymoica*) iii. 3.
 — (*Prinia*) iii. 3.
 — (*Salicaria*) iii. 3.
 — (*Sylvia*)..... iii. 3.
 Cisticolæ iii. 1, 7, 11.
 citreola (*Budytes*) iii. 245.
citreola (Motacilla) iii. **245**,
 247, **249**, 296, 297.
 citreoloides (*Motacilla*)..... iii. 247.
 Citrinella..... iii. 533.
 iv. 149.
 — alpina iii. 535.
 — chrysochrysis iv. 193.
 — cia iv. 205.
 — cirrus iv. 177.
 — citrinella iv. 171.
 — hortulana iv. 185.
 — meridionalis iv. 205.
 — miliaria iv. 163.
 — serinus iii. 535.
 citrinella (*Cannabina*) iii. 535.
 — (*Carduelis*) iii. 535.
 — (*Chloroptila*)..... iii. 535.
 — (*Chlorospiza*) iii. 535.
citrinella (Chrysomitris) iii. **535**.
 citrinella (*Citrinella*)..... iv. 171.
citrinella (Emberiza) ii. 511.
 iv. **171**, 182, 190, 210, 220.
 v. 2, 10, 210, 275, 304.
 citrinella (*Fringilla*) iii. 535, 549.
 — (*Motacilla*) iii. 245.
 — (*Serinus*) iii. 535.
 — (*Spinus*)..... iii. 535.
 citrinellus (*Spinus*) iii. 535.
 clamosus (*Falco*) v. 663.

clanga (Aquila) . . v. 492, 494, 495, 496, 497, **499**, 500, 501, 502, 503, 504, 507, 509, 530.
 clanga (Falco) v. 499.
Clangula vi. **587**, 595, 607, 615, 627.
 — **albeola** vi. **589**, 592.
 Clangula americana vi. 595.
 — barrovii vi. 603.
 — brachyrhynchus vi. 617.
 — chrysophthalma vi. 595.
 — chrysophthalmos vi. 595.
 — clangula vi. 595.
 — faberi vi. 617.
 — glacialis vi. 617.
Clangula glaucion vi. 561, 587, **595**, 603, 604.
 Clangula hiemalis vi. 617.
 — histrionica vi. 609.
Clangula islandica vi. 587, 598, **603**.
 Clangula leucomelas vi. 595.
 — megauros vi. 617.
 — musica vi. 617.
 — peregrina vi. 595.
 — scapularis vi. 603.
 — stelleri vi. 649.
 — torquata vi. 609.
 — vulgaris vi. 595.
 clangula (Anas) v. 524, vi. 595, 603.
 — (Bucephala) vi. 595.
 — (Clangula) vi. 595.
 — (Fuligula) v. 305, vi. 595.
 — (Glaucion) vi. 595.
 Cleptes iv. 507.
 — hudsonicus iv. 509.
 — pica iv. 509.
 clericus (Corvus) iv. 551.
 clot-bey (Alauda) iv. 383.
 — (Melanocorypha) iv. 383.
 — (Rhamphocoris) iv. 383.
clot-bey (Rhamphocorys) iv. 381, **383**.
 Clupeilarus viii. 355.
 — fuscus viii. 421.
 Clypeata vi. 495.
 — brachyrhynchus vi. 497.
 — macrorhynchus vi. 497.
 — platyrhynchus vi. 497.
 — pomarina vi. 497.
 clypeata (Anas) vi. 497, 523, 564.
 — (Rhynchaspis) vi. 497.
clypeata (Spatula) vi. 495, **497**.
 clypeata (Spathulea) vi. 497.
 clypeatus (Pandion) vi. 139.
 coccinea (Emberiza) iv. 99.
 — (Pyrrhula) iv. 97, 99, 107.

Coccothraustes iii. 565, **573**, 575, 605, 615, iv. 67, 109.
 Coccothraustes atrigularis iii. 575.
 — caucasicus iv. 69.
 — cerasorum iii. 575.
 — chloris iii. 567.
 — deformis iii. 575.
 — enucleator iv. 111.
 — erythrina iv. 75.
 — europæus iii. 575.
 — fagorum iii. 575.
 — flaviceps iii. 575.
 — minor iii. 575.
 — petronia iii. 607.
 — planiceps iii. 575.
 — rosea iv. 75.
Coccothraustes vulgaris iii. 573, **575**, iv. 21, v. 210.
 Coccothraustes vulgaris japonicus iii. 575.
 coccothraustes (Fringilla) iii. 575.
 — (Loxia) iii. 575.
 — alba (Fringilla) iii. 575.
 — fulva (Fringilla) iii. 575.
 — phœnicoptera (Fringilla) iv. 91.
 Coccyges v. 111.
 — anisodactyli v. 111.
 — zygodactyli v. 197.
 Coccygus v. 225.
 — julieni v. 227.
Coccytes v. **217**, 219, 225.
 Coccytes americanus v. 227.
Coccytes glandarius v. 217, **219**, 221, 222.
 Coccyzus v. 217.
 — glandarius v. 219.
Coccyzus v. **217**, **225**, 227, 228.
 — **americanus** v. 225, **227**, 231, 232, 233.
 Coccyzus bairdi v. 227, 228.
 — dominicus v. 227, 231.
Coccyzus erythrophthalmus v. **231**.
 Coccyzus pisanus v. 219.
 — pyropterus v. 227.
 cochevis (Alauda) iv. 285.
 Cœlebs iv. 1.
cœlebs (Fringilla) iii. 380, iv. 1, **3**, 5, 9, 10, 13, 14, 21, 220, 221, v. 210.
 cœlebs (Struthus) iv. 3.
cœlestis (Gallinago) vii. **641**, 643, 645, 646, 647, 650.
 cœlestis (Scolopax) vii. 641, 643.
 cœlivox (Alauda) iv. 310, 312, 313.
 cogolca (Anas) vi. 541.

Colæus frugilegus iv. 551.
 Colaptes v. 75.
 — auratus v. 75, vi. 592.
colchicus (Phasianus) vii. 83, **85**, 86, 87.
collaris (Accentor) iii. 27, **29**.
 collaris (Alauda) iv. 365.
 — (Bernicla) vi. 389.
 — (Corvus) iv. 523, 524, 527.
 — (Lycos) iv. 523.
 — (Merula) ii. 113.
 — (Morinella) vii. 555.
collaris (Muscicapa) iii. 457, 458, **459**.
 — (Passerina) iv. 223.
 — (Strepsilas) vii. 555.
 — (Sturnus) iii. 29.
 — (Xema) viii. 337.
 collaris albifrons (Muscicapa) iii. 459.
 — atrostriata (Muscicapa) iii. 459.
 — borealis (Strepsilas) vii. 555.
 — littoralis (Strepsilas) vii. 555.
 — microrhyncha (Muscicapa) iii. 459.
 — minor (Strepsilas) vii. 555.
 — pusilla (Strepsilas) vii. 555.
 — vulgaris (Strepsilas) vii. 555.
 Collocalia iv. 594.
 Collurio iii. 373.
 — lahtora iii. 381.
 collurio (Enneoctonus) iii. 399.
collurio (Lanius) iii. 381, 394, **399**, 400, 402, 409, 411, 580, v. 209, 210, 211, vi. 109, viii. 141.
collybita (Phylloscopus) ii. 477, 483, **485**, 489, 511, v. 210.
 collybita (Sylvia) ii. 485.
 Collyrio iii. 373.
 — excubitor iii. 375.
 — hemileucurus iii. 381.
 — meridionalis iii. 387.
 Colceus iv. 521.
 — monedula iv. 523.
 colonorum (Corvus) iv. 532, 534.
Columba vii. **1**, 37.
 Columba ægyptiaca vii. 55.
 — agricola vii. 45.
 — amalixæ vii. 11.
 — arborea vii. 23.
Columba bollii vii. **29**, 31, 34, 35.
 Columba bouvryi vii. 29, 35.
 — brachyura vii. 18.
 — cambayensis vii. 55.
 — casiotis vii. 4, 8, 9.
 — caurorum vii. 23.
 — dubia vii. 11.
 — elegans vii. 11.

- Columba eversmanni* vii. 18, 26.
 — *ferrago* vii. 45.
 — *fusca* vii. 11, 18.
 — *gelastes* vii. 45, 48.
 — *gelastis* vii. 45.
 — *glauconotos* vii. 11.
 — *gymnocyclus* vii. 11, 16.
 — *intermedia* vii. 11, 16, 17.
Columba laurivora vii. 29, 30,
 31, 33, 34, 35.
 — ***livia*** iv. 416.
 vi. 105, 109.
 vii. 1, **11, 13, 14, 15, 16,**
 17, 18, 26.
Columba maculicollis vii. 55.
 — *meena* vii. 45.
 — *neglecta* vii. 11, 17.
Columba oenas v. 210.
 vii. 11, 13, 14, 18, 20, **23, 26.**
Columba orientalis vii. 45.
 — *palumbes* vii. 3.
Columba palumbus v. 210.
 vii. **3, 8, 24, 25.**
Columba pinetorum vii. 3.
 — *plumipes* vii. 11, 17, 21.
 — *pulchrata* vii. 45.
 — *risoria* vii. 51.
 — *rupestris* vii. 11, 18.
 — *rupicola* vi. 49.
 vii. 45.
 — *saxatilis* vii. 11, 23.
 — *schimperi* vii. 11, 15, 16.
 — *senegalensis* vii. 55.
 — *suratensis* vii. 55.
 — *torquata* vii. 3.
Columba trocaz vii. 3, 31, **33,**
 34, 35.
Columba turricola vii. 11, 14.
 — *turtur* vii. 39.
 — *turtur lusitanus* vii. 39.
 — *torquatus* vii. 51.
 — *unicolor* vii. 11.
 — *vinago* vii. 23.
 — *vitticollis major* vii. 45.
 — *minor* vii. 45.
columba (Grylle) viii. 581.
 — (*Uria*) viii. 579, 586.
Columbæ vii. 1.
columbarius (Falco) vi. 85, 88.
columbella (Palumbœna) vii. 23.
columbiana (Nucifraga) iv. 449.
columbianus (Picicorvus) iv. 449.
Columbidæ vii. 1.
columbina (Bulweria) .. viii. 510,
 549, **551, 553.**
columbina (Hiaticula) vii. 475.
 — (*Procellaria*) viii. 551, 552.
 — (*Sterna*) viii. 301.
columbinus (Charadrius) vii. 475.
 — (*Gelastes*) viii. 389.
columbinus (Larus) viii. 389.
 — (*Puffinus*) viii. 551.
columboides (Ochthodromus) vii. 475.
Colymbidæ viii. 607.
colymbis (Anas) vi. 578.
Colymbus viii. 555, 579, **607,**
 610, 627, 629.
Colymbus adamsi viii. 607, 610,
 613, 614.
Colymbus arcticus .. viii. 607, 611,
 613, 614, **615, 616.**
Colymbus atrogularis viii. 609, 614.
 — *auritus* viii. 645, 651.
 — *auritus, var.* viii. 651, 659.
 — *balthicus* viii. 615.
 — *balticus* viii. 615, 618.
 — *borealis* viii. 621.
 — *caspicus* viii. 645.
 — *cornutus* viii. 629, 645.
 — *cornutus minor* viii. 645.
 — *cristatus* viii. 629, 645.
 — *cristatus minor* viii. 645.
 — *cucullatus* viii. 639.
 — *duplicatus* viii. 645.
 — *fluviatilis* viii. 659.
 — *fluviatilis nigricans* viii. 659.
Colymbus glacialis viii. **609, 613.**
 — *griseigena* viii. 639.
 — *grylle* viii. 581.
 — *gryllus* viii. 581.
 — *hebridicus* viii. 659.
 — *hiemalis* viii. 609.
 — *ignotus* viii. 615, 621.
 — *immer* viii. 609.
 — *lacteolus* viii. 581.
 — *leucopus* viii. 615, 621.
 — *longirostris* viii. 639.
 — *lumme* viii. 621.
 — *macrorhynchos* viii. 615.
 — *maximus* viii. 609.
 — *megarhynchos* viii. 615.
 — *microrhynchos* viii. 621.
 — *minor* viii. 567, 659.
 — *minutus* viii. 659.
 — *nævius* viii. 639.
 — *nigricans* viii. 645.
 — *obscurus* viii. 645.
 — *pacificus* viii. 615, 618.
 — *parotis* viii. 639.
 — *philippensis* viii. 659.
 — *pyrenaicus* viii. 659.
 — *rubricollis* viii. 639.
 — *rufogularis* viii. 621.
Colymbus septentrionalis
 viii. 616, 617, 618, **621.**
Colymbus stellatus viii. 621.
 — *striatus* viii. 621.
 — *subcristatus* viii. 639.
 — *torquatus* viii. 609.
 — *troile* viii. 567.
 — *urinator* viii. 629.
Colymbus vulgaris viii. 639.
comata (Ardea) vi. 251.
 — (*Buphus*) vi. 251.
 — (*Egretta*) vi. 251.
comata (Ibis) vi. 327, **329.**
Comatibis vi. 327.
Comatibus vi. 329.
comatus (Botaurus) vi. 251.
 — (*Buphus*) vi. 251.
 — (*Geronticus*) vi. 329.
communis (Anorthura) iii. 219.
 — (*Buteo*) v. 449.
 — (*Caccabis rubra*) vii. 103.
communis (Coturnix) v. 160.
 vii. 141, **143.**
communis (Falco) vi. 31.
communis (Grus) .. vii. 335, **337,**
 351, 354, 356, 357.
communis (Nisus) v. 599.
 — (*Otus*) v. 251.
 — (*Parus cinereus*) iii. 99.
 — (*Pernis*) vi. 3.
 — (*Pœcile*) iii. 99.
 — (*Troglodytes*) iii. 219.
 — (*Turtur*) vii. 37.
 — (*Vanellus cristatus*) vii. 545.
 —, var. *minor (Falco)* vi. 43.
 — *minor (Falco)* vi. 43.
conciliator (Falco) v. 533.
concolor (Cotyle) iii. 522.
 — (*Falco*) vi. 74, 103, 104, 107.
 — (*Hypotriorchis*) vi. 107.
congener (Merops) v. 155.
conirostres (Oscines) iii. 525.
conspicillata (Alseceus) ii. 393.
 — (*Curruca*) ii. 393.
 — (*Sterparola*) ii. 393.
 — (*Stoparola*) ii. 393.
conspicillata (Sylvia) ii. 390,
 393, 394, 397, 398, 403.
consul (Glaucus) viii. 433.
 — (*Larus*) viii. 433.
contra (Sturnopastor) iv. 428.
cooki (Cyanopica) iv. 501,
 503, 504.
 v. 220.
cooki (Cyanopolis) iv. 503.
 — (*Dolometis*) iv. 503.
 — (*Pica*) iv. 503.
cooki (Cyanopica) iv. 513.
 v. 222.
cooperi (Podiceps) viii. 639.
coprotheses (Lestris) viii. 471.
Copsichus ii. 1.
 — *torquatus* ii. 113.
Copyschus macrurus ii. 551.
 — *saularis* v. 210.
Coracia iv. 435, 437.
 — *cristata* iv. 437.
 — *erythrorhamphos* iv. 437.

Coracias iii. 363.
v. **139**.
Coracias affinis v. 150.
— *bengalensis* v. 141, 149.
— *galbula* iii. 365.
— *garrula* ii. 157.
v. 141, 144, 150, 151, 160.
Coracias garrulus v. 139, **141**, 151.
Coracias indica v. 149, 150.
Coracias indicus v. 139, **149**.
Coracias loquax v. 141.
— *nævius* v. 149.
— *oriolus* iii. 365.
Coraciidae v. 139.
Corax iv. 521.
— *affinis* iv. 559.
— *maximus* iv. 567.
— *umbrinus* iv. 577.
corax (Corvus) iv. 521, 532, 536, 541,
560, 563, 564, 565,
567, 577, 578.
vi. 40, 633.
corax, var. carnivorus (Corvus) .. iv. 567.
Cormoranus vi. 149.
— *crassirostris* vi. 151.
cormoranus (Carbo) vi. 151.
— (*Haliaeetus*) vi. 151.
corniculata (Fratrercula) viii. 599, 603.
— (*Mormon*) viii. 600.
cornicum (Falco) vi. 31.
cornix (Corone) iv. 543.
cornix (Corvus) ii. 14, 51.
iv. 21, 531, 533, 536, 537, 538,
541, **543**, 545, 546, 547,
550, 565, 579.
v. 222.
vi. 88, 633.
vii. 541.
viii. 388.
cornix aegyptiaca (Corvus) iv. 543.
— *frugilega (Corvus)* iv. 551.
cornuta (Alauda) iv. 387.
— (*Anas*) vi. 451.
— (*Eremophila*) iv. 268, 387.
— (*Otocoris*) iv. 387.
— (*Otocorys*) iv. 387, 401.
— (*Otocoryx*) iv. 387.
cornuta (Tadorna) .. vi. 449, **451**.
cornutus (Colymbus) viii. 629, 645.
— (*Phileremos*) iv. 387.
— (*Podiceps*) viii. 645.
— *minor (Colymbus)* viii. 645.
coromanda (Ardea) vi. 245, 246, 249.
— (*Buphus*) vi. 245.
— (*Cancroma*) vi. 249.
coromandelicus (Buphus) vi. 245.
— (*Cursorius*) vii. 428.
coromandra (Ardea) vi. 245.
coronata (Phyllopneuste) ii. 507.

coronata (Sylvia) ii. 507.
coronatus (Ægithalus) iii. 166.
— (*Graculus*) vi. 169.
— (*Phyllobasileus*) ii. 507.
— (*Phyllopneuste*) ii. 507.
— (*Vanellus*) vii. 527.
Corone iv. 521.
— *affinis* iv. 559.
— *cornix* iv. 543.
— *umbrinus* iv. 577.
corone (Corvus) iv. 521, **531**,
532, 533, 535, 536, 537, 539,
541, 545, 546, 547, 549, 550,
551, 557, 562, 564, 565, 575.
vi. 100.
corone assimilis (Corvus) iv. 531.
— *brevirostris (Corvus)* iv. 531.
— *hiemalis (Corvus)* iv. 531.
— *intercedens (Corvus)* iv. 531.
— *longirostris (Corvus)* iv. 531.
— *major (Corvus)* iv. 531.
— *minor (Corvus)* iv. 531.
— *montanus (Corvus)* iv. 531.
— *subcorone (Corvus)* iv. 531.
coronoides (Lycos) iv. 533.
Corospiza iii. 583.
— *lichtensteinii* iii. 603.
— *simplex* iii. 603.
corpore albido (Strix) v. 287.
corrira (Charadrius) vii. 425.
Corthylio calendula ii. 451.
Corvidæ iii. 363, 373.
iv. 435, 565.
Corvus iv. 435, 449, 469, 479,
507, **521**, 527, 535, 575.
Corvus, sp. ? iv. 563.
— *advena* iv. 551.
Corvus affinis .. iv. 521, 533, 535,
536, 541, **559**, 560, 561,
562, 563, 564, 571.
Corvus agricola iv. 534, 551.
— *agrorum* iv. 551.
— *americanus* iv. 533, 535, 539.
— *americanus, var. floridanus* .. iv. 533.
— *andamanensis* iv. 533.
— *assimilis* iv. 531.
— *australis* iv. 533.
— *brachyrhynchos* iv. 559.
— *brachyurus* iv. 559.
— *brevicaudatus* iv. 559.
— *brevipennis* iv. 534.
— *cacolutl* iv. 567.
— *capensis* iv. 534.
— *carnivorus* iv. 532, 567.
— *caryocatactes* iv. 451.
— *caurinus* iv. 535.
— *cinereus* iv. 543.
— *clericus* iv. 551.
— *collaris* iv. 523, 524, 527.
— *colonorum* iv. 532, 534.

Corvus corax iv. 521, 532, 536,
541, 560, 563, 564, 565,
567, 577, 578.
vi. 40, 633.
Corvus corax, var. carnivorus iv. 567.
Corvus cornix ii. 14, 51.
iv. 21, 531, 533, 536, 537,
538, 541, **543**, 545, 546,
547, 550, 565, 579.
v. 222.
vi. 88, 633.
vii. 541.
viii. 388.
Corvus cornix aegyptiaca iv. 543.
— *frugilega* iv. 551.
Corvus corone .. iv. 521, **531**, 532,
533, 535, 536, 537, 539, 541,
545, 546, 547, 549, 550, 551,
557, 562, 564, 565, 575.
vi. 100.
Corvus corone assimilis iv. 531.
— *brevirostris* iv. 531.
— *hiemalis* iv. 531.
— *intercedens* iv. 531.
— *longirostris* iv. 531.
— *major* iv. 531.
— *minor* iv. 531.
— *montanus* iv. 531.
— *subcorone* iv. 531.
— *cryptoleucus* iv. 535.
— *culminatus* iv. 532, 533.
— *dauricus* iv. 527.
— *docilis* iv. 437.
— *enca* iv. 534, 535.
— *eremita* iv. 437.
— *erythrophthalmus* iv. 535.
— *færøensis* iv. 575.
— *ferrøensis* iv. 567.
Corvus frugilegus iv. 521,
534, **551**.
Corvus glandarius iv. 481.
— *graculus* iv. 437.
— *granorum* iv. 551.
— *hiemalis* iv. 531.
— *hudsonicus* iv. 509.
— *infaustus* iv. 471.
— *infumatus* iv. 577.
— *intermedius* iv. 533.
— *jamaicensis* iv. 535.
— *japonensis* iv. 532, 533, 539, 571.
— *lawrencei* iv. 567.
— *leptonyx* iv. 533, 534.
— *leucognaphalus* iv. 535.
— *leucomelas* iv. 567.
— *leucophæus* iv. 567, 575.
— *littoralis* iv. 567.
— *lugubris* iv. 567.
— *macrorhynchos* iv. 532.
— *macrorhynchus* iv. 571.

- Corvus major* iv. 532, 567.
 — *maximus* iv. 567.
 — *mexicanus* iv. 535.
 — *minimus* iv. 471.
 — *minor* iv. 534.
 — *minutus* iv. 535.
Corvus monedula ii. 157.
 iv. 521, **523**, 524.
Corvus monedula candida iv. 523.
 — *nigra* iv. 523.
 — *torquata* iv. 523.
 — *montanus* iv. 567.
 — *nasicus* iv. 535.
 — *neglectus* iv. 527.
 — *nobilis* iv. 532, 567, 575.
 — *orru* iv. 533.
 — *ossifragus* iv. 535.
 — *pastinator* iv. 534, 552, 555.
 — *peregrinus* iv. 567.
 — *philippinus* iv. 534.
 — *pica* iv. 509.
 — *pseudo-corone* iv. 531.
 — *pyrrhocorax* iv. 445.
 — *ruficollis* iv. 533, 534.
 — *rusticus* iv. 509.
 — *scapularis* iv. 561.
 — *scapulatus* iv. 561.
 vi. 62.
 — *sibiricus* iv. 471.
 — *sinensis* iv. 532, 534.
 — *sinuatus* iv. 532.
 — *solitarius* iv. 535.
 — *spermologus* iv. 523, 527.
 — *stridens* iv. 491.
 — *subcornix* iv. 543.
 — *subcorone* iv. 531.
 — *sylvestris* iv. 567.
 — *tenuirostris* iv. 534, 543.
 — *thibetanus* iv. 532.
 — *tibetanus* iv. 567, 571.
Corvus tingitanus iv. 533, 536,
 538, 541, **563**, 517.
 — ***umbrinus*** iv. 533, 536, 541,
 547, 559, 560, 561,
 571, 575, **577**.
Corvus validissimus iv. 534.
 — *validus* iv. 534.
 — *violaceus* iv. 535.
 — *vociferus* iv. 567.
 — *vulturinus* v. 395.
Corydalla iii. 283.
 — *agrorum* iii. 317.
 — *arenaria* iii. 317.
 — *arvensis* iii. 317.
 — *campestris* iii. 317.
 — *chinensis* iii. 325.
 — *gracilis* iii. 317.
 — *griseorufescens* iv. 200.
 — *orientalis* iii. 325.
 — *richardi* iii. 325.
Corydalla rufescens iii. 317.
 — *rufula* iii. 307.
 — *russelti* iii. 325.
 — *septentrionalis* iii. 317.
 — *sinensis* iii. 325.
 — *striata* iii. 317.
 — *subarquata* iii. 317.
 — *vierthaleri* iii. 317.
Corythus iv. 109, 111.
 — *angustirostris* iv. 111.
 — *canadensis* iv. 111.
 — *enucleator* iv. 111.
 — *enucleator angustirostris* iv. 111.
 — *latirostris* iv. 111.
 — *macrorhynchos* iv. 111.
 — *microrhynchos* iv. 111.
 — *splendens* iv. 111.
 — *minor* iv. 111.
 — *splendens* iv. 111.
Cosmonessa vi. 609.
Cosmonetta vi. **607**, 609, 613.
 — ***histrionica*** vi. 607,
 609, 613.
Cossypha ii. **345**.
 — ***gutturalis*** ii. 345, **347**,
 348, 351.
Cossypha reclamator ii. 345.
costæ (Certhia) iii. 195, 200, 201.
Cotile iii. 493, **503**.
Cotile cahirica iii. 521.
Cotile obsoleta iii. 503, **521**.
 — ***riparia*** iii. 503, **505**.
 — ***rupestris*** iii. 503, **513**.
Coturnix vii. **141**.
Coturnix baldami vii. 143.
 — *capensis* vii. 143.
Coturnix communis v. 160.
 vii. 141, **143**.
Coturnix dactylisonans vii. 143.
 — *europæus* vii. 143.
 — *indicus* vii. 143.
 — *leucogenys* vii. 143.
 — *major* vii. 143.
 — *media* vii. 143.
 — *minor* vii. 143.
 — *vulgaris* vii. 143, 251.
 — *vulgaris japonica* vii. 143.
 — *ypsiphorus* vii. 143.
coturnix (Ortygion) vii. 143.
 — (*Perdix*) vi. 109,
 vii. 143.
 — (*Tetrao*) vii. 143.
 — *major (Perdix)* vii. 143.
Cotyle iii. 503.
 — *concolor* iii. 522.
 — *fluviatilis* iii. 505.
 — *littoralis* iii. 505.
 — *minor* iii. 507.
 — *obsoleta* iii. 516, 521, 522.
Cotyle paludibula iii. 521.
 — *palustris* iii. 505, 521.
 — *riparia* iii. 491, 505, 507.
 — *rupestris* iii. 184, 491, 513, 516,
 517, 518, 521, 522.
 iv. 416.
 — *thebaica* iii. 521.
coutellii (Anthus) iii. 335.
Cractiornis viii. 219.
crampes (Saxicola) ii. 255.
crassipes (Aquila) v. 504, 522.
crassirostris (Alauda) iv. 307.
 — (*Calamoherpe*) ii. 567.
 — (*Carpodacus*) iv. 85.
 — (*Cormoranus*) vi. 151.
 — (*Piculus*) v. 53.
 — (*Saxicola cœnanthe*) ii. 187.
 — (*Sylvia*) ii. 411, 414.
 — (*Tetrao*) vii. 223.
 — (*Tetrao urogallus*) vii. 223.
 — (*Tringa*) viii. 81.
Crateropodinae ii. 545.
 iii. 19, 27.
Crateropus iii. 19, 354.
 — *acaciæ* iii. 21.
 — *chalybeius* iii. 23.
 v. 202.
 — *chalybeus* iii. 23.
 — *chalybius* iii. 23.
 — *fulvus* iii. 21, 24.
 — *numidicus* iii. 21.
 — *squamiceps* iii. 23.
crecca (Anas) vi. 472, 507, 523, 527.
 — (*Nettion*) vi. 507.
crecca (Querquedula) vi. **507**.
creccoides (Querquedula) vi. 507.
crepidata (Lestris) viii. 481.
crepidatus (Larus) viii. 471.
 — (*Lestris*) viii. 471.
crepidatus (Stercorarius)
 viii. **471**, 482.
crepitans (Edicnemus) vii. 401.
 viii. 250.
Crex vii. 265, **289**.
Crex alticeps vii. 291.
 — *bailloni* vii. 275.
 — *foljambei* vii. 275.
 — *galeata* vii. 317.
 — *herbarum* vii. 291.
 — *porzana* vii. 267.
Crex pratensis vii. 258, 289, **291**.
Crex pusilla vii. 283.
 — *pygmæa* vii. 275.
crex (Gallinula) vii. 291.
 — (*Ortygometra*) vii. 291.
 — (*Rallus*) vii. 291.
crispus (Pelecanus) vi. 195, 196,
 197, **199**, 202, 203.
 viii. 414.
crispus (Vanellus cristatus) vii. 545.

- crissoleucos* (*Picoides*) v. 69.
crissoleucus (*Apternus*) v. 69.
 — (*Picus*) v. 69, 70.
cristata (*Alauda*) iv. 285, 314, 371.
 vii. 388.
 — (*Alauda senegalensis*) iv. 285.
 — (*Anas*) vi. 573.
 — (*Anas fistularis*) vi. 559.
 — (*Ardea*) vi. 207.
 — (*Ardea mexicana*) vi. 269.
 — (*Aythya*) vi. 573.
 — (*Calandrella*) iv. 346.
 — (*Coracia*) iv. 437.
***cristata* (*Fulica*)** .. vii. **323**, 324,
 328, 331, 334.
 — (***Fulgula***) . vi. 549, **573**, 575.
cristata (*Galerida*) iv. 280, 285, 286.
***cristata* (*Galerita*)** iii. 321.
 iv. 283, **285**, 286, 289, 290,
 291, 301, 304, 353, 367, 371.
 v. 210.
cristata (*Ibis*) vi. 331.
 — (*Lullula*) iv. 285.
 — (*Lupha*) vii. 323.
 — (*Pluvialis persica*) vii. 539.
 —, var. (*Alauda*) iv. 285.
 — *angustistriata* (*Galerita*) iv. 286.
 — *gallica* (*Galerita*) iv. 286.
 — *maculata* (*Galerita*) iv. 286.
 — *pallida* (*Galerita*) iv. 286.
 — *planorum* (*Galerita*) iv. 286.
 — *purpurascens* (*Ardea*) vi. 217.
 — *tenuirostris* (*Galerita*) iv. 286.
 — *vulgaris* (*Galerita*) iv. 286.
cristatella (*Alauda*) iv. 286, 295, 321.
cristatus (*Carbo*) vi. 163.
 — (*Charadrius*) vii. 539.
 — (*Colymbus*) viii. 629, 645.
 — (*Graculus*) vi. 163.
 — (*Heterops*) iv. 285.
 — (*Hydrocorax*) vi. 163.
***cristatus* (*Lophophanes*)** .. iii. 91,
 149, **151**, 153.
cristatus (*Merganser*) vi. 693.
 — (*Parus*) iii. 151, 155.
 v. 10.
 — (*Pelecanus*) vi. 163.
 — (*Phalacrocorax*) vi. 163, 165.
***cristatus* (*Podiceps*)** viii. 627,
 629, 635, 642, 643, 644, 662.
cristatus (*Procellaria*) vi. 163.
***cristatus* (*Regulus*)** ii. 451,
 453, 459, 461, 464, 465, 466.
 iii. 95.
 v. 210.
cristatus (*Vanellus*) vii. 461, 462, 530,
 545, 552.
 — *bicornis* (*Vanellus*) vii. 545.
 — *communis* (*Vanellus*) vii. 545.
cristatus crispus (*Vanellus*) vii. 545.
 — *minor* (*Colymbus*) viii. 645.
 — *minor* (*Merganser*) vi. 699.
Crithagra iii. 547.
 — *canaria* iii. 557.
 — *serinus* iii. 549.
crocea (*Fringilla*) iv. 151.
crocecephalus (*Regulus*) ii. 453.
Croicocephalus melanocephalus .. viii. 365.
Crucirostra iv. 119.
 — *abietina* iv. 127.
 — *assimilis* iv. 141.
 — *balearica* iv. 127, 128.
 — *bifasciata* iv. 141.
 — *brachyrhynchos* iv. 121.
 — *curvirostra*, var. *balearica* ... iv. 127.
 — *erythroptera* iv. 141.
 — *europæa* iv. 127.
 — *intercedens* iv. 121.
 — *leucoptera* iv. 137.
 — *longirostris* iv. 127.
 — *major* iv. 121.
 — *media* iv. 127.
 — *montana* iv. 127.
 — *orientalis* iv. 141.
 — *paradoxa* iv. 127.
 — *pinetorum* iv. 121, 127.
 — *pityopsittacus* iv. 121.
 — *pseudopityopsittacus* iv. 121.
 — *rubifasciata* iv. 141.
 — *subpityopsittacus* iv. 121.
 — *tænioptera* iv. 141.
 — *trifasciata* iv. 141.
cruentatus (*Picus*) v. 35, 36, 37, 38.
Crymonessa vi. 615.
 — *glacialis* vi. 617.
Crymophilus vii. 595.
 — *rufus* vii. 605.
cryptoleucus (*Corvus*) iv. 535.
Cryptophaga iv. 149.
 — *miliaria* iv. 163.
Cuculidæ v. 197.
cucullatus (*Artamus*) ii. 411, 414.
 — (*Colymbus*) viii. 639.
 — (*Lanius*) iii. 423.
 — (*Mergus*) vi. 683.
 — (*Telephonus*) iii. 425.
 — (*Telephorus*) iii. 423.
Cuculus v. **197**, 199, 217, 225.
Cuculus abyssinicus v. 219.
 — *americanus* v. 227.
 — *andalusiæ* v. 219.
 — *borealis* v. 199.
 — *canoroides* v. 204.
Cuculus canorus v. **197**, **199**,
 204, 217, 221, 222, 223, 225.
 — —, var. *hepaticus* v. 215.
Cuculus carolinensis v. 227.
 — *cinereus* v. 199.
 — *cinerosus* v. 227.
 — *dominicensis* v. 227.
Cuculus dominicus v. 227.
 — *erythrophthalmus* v. 231.
 — *glandarius* v. 219.
 — *gracilis* v. 219.
 — *hepaticus* v. 199, 200.
 — *himalayanus* v. 204.
 — *indicus* v. 199.
 — *libanoticus* v. 199, 200.
 — *macrourus* v. 219.
 — *melissophonus* v. 219.
 — *micropterus* v. 204.
 — *optatus* v. 204.
 — *phaiopterus* v. 219.
 — *pisanus* v. 219.
 — *rochii* v. 199, 203.
 — *rufus* v. 199, 200.
 — *sparveroides* v. 204.
 — *telephonus* v. 199.
 — *tenuirostris* ii. 161.
culleni (*Aquila*) v. 513, 514.
culminatus (*Corvus*) iv. 532, 533.
cultrirostres (*Oscines*) iv. 403.
Cuncuma v. 543.
 — *albipes* v. 545.
 — *macei* v. 545.
cunicularia (*Athene*) v. 365.
cupido (*Cupidonia*) vii. 191.
Cupidonia cupido vii. 191.
cuprea (*Ibis*) vi. 335.
Cureus v. 225.
 — *americanus* v. 227.
***curonica* (*Ægialitis*)**.... vii. **491**,
 499, 500.
curonica (*Hiaticula*) vii. 491.
 — (*Scolopax*) viii. 165.
curonicus (*Ægialites*) vii. 491, 495.
 — (*Charadrius*) vii. 491.
Curruca ii. 253, 309, 327, 361, 375,
 439, 467, 515, 545, 557, 609, 637.
 iii. 27.
 — *affinis* ii. 383, 386.
 — *albistriata* ii. 389.
 — *andromeda* ii. 537.
 — *assimilis* ii. 383.
 — *atricapilla* ii. 421.
 — *brachyrhynchos* ii. 429.
 — *caniceps* ii. 377, 411.
 — *cetti* ii. 639.
 — *cinerea* ii. 377.
 — *cinerea* ii. 377.
 — *cinerea*, var. *persica* ii. 377.
 — *conspicillata* ii. 393.
 — *dumetorum* ii. 383.
 — *fruticeti* ii. 377.
 — *fusca* ii. 567.
 — *galactodes*, var. *syriaca* ii. 553.
 — *garrula* ii. 383, 560.
 — *grisea* ii. 429.
 — *heineken* ii. 424.
 — *helena* ii. 414.
 — *hortensis* ii. 429.

- Curruca languida* ii. 535.
 — *leucomelæna* ii. 418.
 — *leucopogon* ii. 389, 401.
 — *leupogon* ii. 389.
 — *locustella* ii. 611.
 — *huctuosa* ii. 401.
 — *luscina* ii. 363.
 — *maxillaris* ii. 537.
 — *melanocephala* ii. 401.
 — *molaria* ii. 383.
 — *momus* ii. 401, 407.
 — *musica* ii. 411.
 — *nigricapilla* ii. 421.
 — *nisoria* ii. 435.
 — *obscura* ii. 383.
 — *orphea* ii. 411.
 — *orphea griseocapilla* ii. 411.
 — *orphea, var. helena* ii. 411, 414.
 — *pallida* ii. 537.
 — *passerina* ii. 389.
 — *philomela* ii. 369.
 — *pileata* ii. 421.
 — *platystoma* ii. 503.
 — *provincialis* ii. 441.
 — *rubecula* ii. 329.
 — *rubetra* ii. 255.
 — *rubicola* ii. 263.
 — *rubricapilla* ii. 421, 422.
 — *ruficapilla* ii. 421.
 — *rùppelli* v. 188.
 — *rùppelli* ii. 417.
 — *sarda* ii. 447.
 — *sepiaria* iii. 39.
 — *septentrionalis* ii. 383.
 — *sericea* ii. 639.
 — *sibillatrix* ii. 497.
 — *stentorea* ii. 585.
 — *subalpina* ii. 389.
 — *suecica* ii. 317.
 — *superciliaris* ii. 383.
 — *sylvia* ii. 377.
 — *sylviella* ii. 383.
 — *thebaica* ii. 407.
 — *undata* ii. 435.
 — *undulata* ii. 435.
 — *vidali* ii. 411.
 — *viridula* ii. 491.
curruca (*Ficedula*) ii. 377.
 — (*Motacilla*) ii. 383.
***curruca* (*Sylvia*) ii. 383, 511.**
 v. 210.
curruca arundinacea (*Ficedula*) ii. 567.
 — *atricapilla* (*Ficedula*) ii. 421.
 — *cineraria* (*Ficedula*) ii. 377.
 — *cinerea* (*Ficedula*) ii. 377.
 — *garrula* (*Ficedula*) ii. 383.
 — *lusciniola* (*Ficedula*) ii. 597.
 — *minor* (*Ficedula*) ii. 383, 387.
 — *sylvestris* (*Ficedula*) ii. 597.
***cursitans* (*Cisticola*), iii. 1, 3, 4,**
 6, 7.
cursitans (*Prinia*) iii. 3.
Cursor vii. 423, 519.
 — *charadroides* vii. 521.
 — *europæus* vii. 425.
 — *isabellinus* vii. 425.
cursoria (*Saxicola*) ii. 243.
***Cursorius* iv. 277.**
 v. 628.
 vii. **423.**
Cursorius ægyptius vii. 521.
 — *brachydactylus* vii. 425.
 — *coromandelicus* vii. 428.
 — *europæus* vii. 425.
***Cursorius gallicus* vii. 423, 425.**
Cursorius isabellinus vii. 425.
 — *jamesoni* vii. 425, 429.
 — *pallidus* vii. 425.
Curvirostra iv. 119.
 — *bifasciata* iv. 141.
 — *leucoptera* iv. 137.
 — *macrorhynchos* iv. 127.
***curvirostra* (*Loxia*) iv. 119, 122,**
 124, 125, **127**, 129, 130, 132, 134,
 139, 145, 146.
curviröstra, var. (Loxia) iv. 121.
 —, var. *balearica* (*Crucirostra*) iv. 127.
cutherti (*Anas*) vi. 629.
cuvieri (*Falcinellus*) viii. 59.
cyana (*Petrocincla*) ii. 139.
 — (*Pica*) iv. 503.
cyane (*Cyanecula*) ii. 317.
 — (*Larvivora*) ii. 343.
cyanea (*Cyanopica*) iv. 506.
 — (*Petrocincla*) ii. 133, 139, 157.
 — (*Pica*) iv. 503.
 — (*Sylvia*) ii. 317.
***Cyanecula* ii. 309.**
Cyanecula cærulecula ii. 317, 619.
 — *cyane* ii. 317.
 — *dichrosterina* ii. 317.
 — *leucocyana* ii. 311, 315, 323.
 — *leucocyanea* ii. 313.
 — *longirostris* ii. 311.
 — *major* ii. 311.
 — *minor* ii. 311.
 — *obseura* ii. 311.
 — *orientalis* ii. 317.
***Cyanecula suecica* ii. 311, 312,**
 313, 314, 315, **317**, 318, 319,
 320, 322, 323, 356, 511.
 v. 210.
 vii. 633.
Cyanecula suecioides ii. 317.
***Cyanecula wolfi* ii. 309, 311,**
 314, 315, 319, 320.
Cyanecula wolffi ii. 311.
cyanecula (*Ruticilla*) ii. 317.
 — (*Sylvia*) ii. 311, 317.
 — *orientalis* (*Lusciola*) ii. 317.
cyaneus (*Buteo*) v. 431.
***cyaneus* (*Circus*) v. 413, 431,**
 436, 438, 441, 442,
 443, 444, 445.
 vii. 349.
cyaneus (*Cyanistes*) iii. 143.
 — (*Falco*) v. 431.
 — (*Parus*) iii. 143.
 — (*Petrocossyphus*) ii. 139, 146,
 149, 158.
 — (*Strigiceps*) v. 431.
Cyanistes iii. 77.
 — *cæruleus* iii. 131.
 — *cyaneus* iii. 143.
 — *elegans* iii. 143.
 — *ultramarinus* iii. 139.
cyanocephala (*Ardea*) vi. 269.
***Cyanopica* iv. 501.**
 — ***cooki* iv. 501, 503, 504.**
 v. 220.
Cyanopica cookii iv. 513.
 v. 222.
 — *cyanea* iv. 506.
 — *europæa* iv. 503.
Cyanopoliis iv. 501.
 — *cooki* iv. 503.
Cyanopterus vi. 505.
 — *circia* vi. 513.
cyanopus (*Falco*) vi. 59.
 — (*Numenius*) viii. 245, 248.
cyanorhynchus (*Larus*) viii. 381.
cyanura (*Ianthia*) ii. 355.
 — (*Lusciola*) ii. 355.
 — (*Motacilla*) ii. 355.
***cyanura* (*Nemura*) ii. 353, 355,**
 356, 359.
cyanura (*Sylvia*) ii. 355.
cyanurus (*Motacilla*) ii. 355.
***cyanus* (*Monticola*) ii. 127, 139,**
 149.
 — (*Parus*) iii. 143.
 — (*Petrocossyphus*) ii. 127,
 139, 141, **149**, 150, 151, 152,
 154, 156, 157, 158, 159, 162.
cyanus (*Turdus*) ii. 139, 156.
Cychloselys ii. 1.
 — *dubius* ii. 63.
 — *fuscatus* ii. 63.
 — *sibiricus* ii. 87.
cygneus (*Falco*) v. 533.
***Cygnus* vi. 417.**
Cygnus altumi vi. 441.
 — *americanus* vi. 439.
 — *atratus* vi. 417.
***Cygnus bewicki* vi. 441, 446,**
 447, 448.

- Cygnus bewickii* vi. 441.
 — *buccinator* vi. 439.
 — *ferus* vi. 433, 438.
 — *gibbus* vi. 419.
Cygnus immutabilis vi. **429**,
 430.
Cygnus islandicus vi. 433.
 — *mansuetus* vi. 419.
 — *melanorhinus* vi. 441.
 — *melanorhynchus* vi. 433.
 — *minor* vi. 441.
Cygnus musicus vi. 421, 426,
433, 437, 441, 442, 444, 446, 447.
Cygnus musicus minor vi. 441.
Cygnus olor vi. 417, **419**, 421,
 422, 427, 429, 430, 433, 436, 437,
 438, 439, 440,
 viii. 333.
Cygnus olor immutabilis vi. 429.
 — *olor*, var. *minor* vi. 441.
 — *sibilus* vi. 419.
 — *unwini* vi. 419.
 — *xanthorhinus* vi. 433.
cygnus (*Anas*) vi. 433.
 — (*Anser*) vi. 419, 433.
 —, var. *mansuetus* (*Anas*) vi. 419.
Cymochorea viii. 489.
 — *leucorrhoea* viii. 497.
Cymotomus viii. 511.
 — *anglorum* viii. 517.
 — *arcticus* viii. 527.
cynædus (*Picus*) v. 47.
Cynchramus iv. 149.
 — *canneti* iv. 241.
 — *intermedius* iv. 241.
 — *lacustris* iv. 241.
 — *limicola* iv. 241.
 — *miliaria* iv. 163.
 — *palustris* iv. 241.
 — *phragmitis* iv. 241.
 — *pseudo-pyrhuloides* iv. 241.
 — *pusillus* iv. 235.
 — *pyrhuloides* iv. 241, 249.
 — *riparius* iv. 241.
 — *rusticus* iv. 229.
 — *scheniclus* iv. 241.
 — *septentrionalis* iv. 241.
 — *stagnatilis* iv. 241.
Cypselidæ iv. 581.
Cypselus iv. **581**, 599, 611.
Cypselus abyssynicus iv. 591.
 — *abyssynicus* iv. 202, 591, 609.
Cypselus affinis iii. 490.
 iv. **591**, 592.
Cypselus alpinus iv. 603.
Cypselus apus iv. 581, **583**,
 587, 593, 595, 597, 598,
 599, 601, 608, 615.
 vi. 11.
Cypselus apus murarius iv. 583.
 — *apus niger* iv. 583.
 — *apus turrium* iv. 583.
 — *apus vulgaris* iv. 583.
 — *aterrimus* iv. 583.
 — *barbatus* iv. 583, 584.
 — *caffer* iv. 587, 591, 592, 606.
 — *dubius* iv. 583.
 — *fuscicollis* iv. 603.
 — *galilæensis* iv. 591, 593.
 — *galilejensis* iv. 591.
 — *giganteus* iv. 613.
 — *gutturialis* iv. 603.
 — *leucanotus* iv. 613.
 — *leucopygialis* iv. 591.
 — *leucorrhous* iv. 591.
Cypselus melba iv. 586, 593,
 594, **603**, 606, 608, 610.
 vi. 108.
Cypselus melba alpinus iv. 603.
 — *melba fascicollis* iv. 603.
 — *melba microrhynchos* iv. 603.
 — *melbus* iv. 603.
 — *montanus* iv. 591.
 — *murarius* iv. 583, 597, 601.
 — *murinus* iv. 597.
 — *niger* iv. 583.
 — *nipalensis* iv. 591.
 — *pacificus* iv. 588, 615.
Cypselus pallidus iv. **597**,
 598, 599.
 — *pekinensis* iv. 588.
 — *streubeli* iv. 591.
 — *subfurcatus* iv. 591, 592, 593.
 — *turrium* iv. 583.
Cypselus unicolor iv. 584,
 598, 599, **601**.
Cypselus vulgaris iv. 583.
Cysticola iii. 11, 13.
 — *cisticola* iii. 3.
 — *schoenicola* iii. 3.
Dacelo v. 131.
 — *fusca* v. 133.
 — *smyrnensis* v. 133.
dactylisonans (*Coturnix*) vii. 143.
dactylopterus (*Turdus*) ii. 94, 100, 101.
Dædalion v. 585, 597.
 — *fringillarius* v. 599.
 — *palumbarius* v. 587.
Dafila vi. 467, **529**, 615.
 — *acuta* vi. 529, **531**.
Dafila caudacuta vi. 531.
 — *caudata* vi. 531.
 — *longicauda* vi. 531.
 — *marmorata* vi. 479.
dalmatica (*Emberiza*) iv. 218, 219.
dalmatinus (*Circus*) v. 441.
damarensis (*Charadrius*) vii. 479.
damascena (*Perdix*) vii. 131.
damascensis (*Picus*) v. 37.
damascenus (*Tetrao*) vii. 131.
Dandalus ii. 327.
 — *foliorum* ii. 329.
 — *pinetorum* ii. 329.
 — *rubecula* ii. 329.
 — *septentrionalis* ii. 329.
danica (*Somateria*) vi. 629.
 — (*Sternula*) viii. 279.
danicus (*Anthus*) iii. 285.
danubialis (*Ardea*) vi. 259.
daphanea (*Aquila*) v. 533.
dartfordiensis (*Melizophilus*) ii. 441.
 — (*Sylvia*) ii. 441.
dasyypus (*Chelidon*) iii. 498.
 — (*Strix*) v. 319.
Daulias ii. 345, **361**, 363.
Daulias golzii ii. 361.
 — *hafizi* ii. 361, 366, 371.
Daulias lusciniæ ii. 361, **363**,
 369, 371, 372, 373.
 — ***philomela*** ii. 364, 365,
 366, 368, **369**, 370, 372.
 v. 210.
daulias (*Turdus*) ii. 74, 101.
dauma (*Oreocincla*) ii. 80.
 — (*Turdus*) ii. 77, 81, 82.
daurica (*Hirundo*) iii. 487, 488, 489.
dauricus (*Corvus*) iv. 527.
dauidianus (*Turdus*) ii. 71.
dealbata (*Ægialitis*) vii. 484.
dealbatus (*Ægialites*) vii. 483, 487.
 — (*Lanius*) iii. 381.
deaurata (*Ardea*) vi. 251.
decipiens (*Turtur*) vii. 52, 54.
decorata (*Upupa*) v. 180, 182, 184.
deformis (*Coccothraustes*) iii. 575.
delalandi (*Buteo*) v. 457.
delalandii (*Hydrochelidon*) viii. 315.
 — (*Pelodes*) viii. 315.
delamottei (*Sterna*) viii. 315.
delawarensis (*Larus*) viii. 385, 386.
delicatula (*Aluco*) v. 238.
 — (*Strix*) v. 239, 240.
delicatulus (*Strix*) v. 237.
deliciosa (*Otis*) vii. 364.
Dendroanthus maculatus iii. 309.
 — *trivialis* iii. 309.
Dendrocoptes v. 17.
 — *medius* v. 47.
 — *syriacus* v. 35.
Dendrocopus v. 1, 17, 67.
 — *feliciæ* v. 35.
 — *major* v. 19.
 — *martius* v. 3.
 — *medius* v. 47.
 — *minor* v. 53.
 — *numidicus* v. 33.
 — *pinetorum* v. 3.
 — *tridactylus* v. 69.

- Dendrodromas* v. 17.
 — *leuconotus* v. 39.
Dendrofalco vi. 13.
 — *arcadicus* vi. 103.
 — *eleonoræ* vi. 103.
dentatus (*Mystacinus*) iii. 49.
dentirostres (*Oscines*) ii. 1.
derbianus (*Lyrurus*) vii. 205.
 — (*Tetrao*) vii. 205.
deserti (*Alauda*) iv. 329, 330.
***deserti* (*Ammomanes*)** iv. 327,
 329, 335, 336, 337.
deserti (*Annomanes*) iv. 329, 331.
 — (*Calandrella*) iv. 329, 343, 349.
 — (*Melanocorypha*) iv. 329.
 — (*Mirafra*) iv. 329.
***deserti* (*Saxicola*)** ii. 185, 190,
 212, 215, 218, 233, 536.
deserti (*Stoparola*) ii. 397.
deserticola (*Aquila*) v. 545.
***deserticola* (*Sylvia*)** .. ii, 397, 398.
desertorum (*Alaemon*) iv. 275.
 — (*Alauda*) iv. 275.
 — (*Anthus*) iii. 285.
***desertorum* (*Buteo*)** iii. 594.
 v. 452, 454, 457, 458, 459, 466.
 — (*Certhilauda*) iii. 426.
 iv. 273, 275, 384.
desertorum (*Circus*) v. 441.
 — (*Falco*) v. 457.
 — (*Edicnemus*) vii. 401.
 — (*Strigiceps*) v. 441.
desmaresti (*Carbo*) vi. 163.
 — (*Phalacrocorax*) vi. 163.
desmarestii (*Graculus*) vi. 163.
Desmognathæ v. 111.
dethardingii (*Scolopax*) viii. 59.
deva (*Alauda*) iv. 285.
diabolica (*Æstrelata*) viii. 545.
 — (*Procellaria*) viii. 545, 547.
dichrostera (*Cyanecula*) ii. 317.
dichrous (*Falco*) vi. 103, 107, 109.
Dicruridæ iii. 363.
Dicrurus v. 151.
 — *longicaudatus* v. 190.
diluta (*Saxicola*) ii. 190.
dircæa (*Anas*) vi. 429.
discolor (*Certhia*) iii. 201, 202.
discors (*Ardea*) vi. 269.
dispar (*Anas*) vi. 649, 654.
 — (*Fuligula*) vi. 649.
 — (*Lagopus*) vii. 162.
 — (*Pygargus*) v. 431.
 — (*Stellaria*) vi. 649.
docilis (*Corvus*) iv. 437.
doliata (*Stryx*) v. 301.
dolichonica (*Emberiza*) iv. 223, 228.
Dolometis iv. 501.
 — *cooki* iv. 503.
domestica (*Butalis*) iii. 447.
domestica (*Fringilla*) iii. 587.
 — (*Hirundo*) iii. 477.
 — (*Pyrgita*) iii. 587.
***domesticus* (*Passer*)** .. iii. 500, 583.
 585, 586, 587, 593, 594, 595, 596,
 597, 598, 600, 601, 602, 605.
 v. 210, 363.
domesticus (*Sturnus*) iv. 405.
 — (*Troglodytes*) iii. 219.
 — *cisalpinus* (*Passer*) iii. 585.
 —, var. *italicus* (*Passer*) iii. 585.
 —, var. *salicarius* (*Passer*) iii. 593.
Dominicanus viii. 355.
 — *fuscus* viii. 421.
 — *marinus* viii. 427.
dominicensis (*Cuculus*) v. 227.
 — (*Tringa*) viii. 11.
 — (*Tringa cinclus*) viii. 11.
dominicus (*Coccyzus*) v. 227, 231.
 — (*Cuculus*) v. 227.
dorbignii (*Larus*) viii. 373, 376.
doriæ (*Calamodyta*) ii. 633.
 — (*Certhilauda*) iv. 275.
dorsalis (*Picus*) v. 71.
 — (*Tringa*) viii. 15.
dougalli (*Hydrocecropis*) viii. 273.
***dougalli* (*Sterna*)** .. viii. 263, 273.
douglasi (*Sterna*) viii. 273.
douraca (*Turtur*) vii. 51.
dresseri (*Somateria*) vi. 642.
Dromolæa ii. 185.
 — *chrysopygia* ii. 223, 225.
 — *leucocephala* ii. 233, 243.
 — *leucopygia* ii. 243.
 — *leucopygia* ii. 233, 243.
 — *leucura* ii. 247, 249.
 — *monacha* ii. 239, 240, 243, 244.
 — *nigra* ii. 243, 244.
Drymœca iii. 11, 57, 60.
Drymœca iii. 11.
Drymœca gracilis .. iii. 11, 13, 14.
Drymœca maculosa iii. 11.
Drymœcæ iii. 15, 16, 47.
Drymœcinæ iii. 1.
Drymoica iii. 1. 11.
 — *cisticola* iii. 3.
 — *gracilis* iii. 13.
 — *lepida* iii. 13.
 — *terrestris* iii. 3.
 — *uropygialis* iii. 3.
Drymoipus longicaudatus iii. 14, 15.
Dryobates v. 17, 67.
 — *major* v. 19, 79.
 — *minor* v. 53, 79.
 — *tridactylus* v. 69.
Dryocopus v. 1.
 — *martius* v. 1, 3, 6, 42.
Dryopicus v. 1.
 — *martius* v. 3.
Dryopicus v. 1.
Dryopicus martius v. 3.
Dryospiza iii. 547.
 — *canaria* iii. 557.
 — *serinus* iii. 549.
Dryotomus v. 1.
 — *martius* v. 3.
dubia (*Aquila*) v. 499.
 — (*Columba*) vii. 11.
 — (*Linaria*) iv. 37.
dubius (*Charadrius*) vii. 491.
 — (*Cychloselys*) ii. 63.
 — (*Cypselus*) iv. 583.
 — (*Falco*) v. 587.
 vi. 3.
***dubius* (*Turdus*)** .. ii. 59, 60, 61, 62,
 63, 65, 68, 71, 85, 86.
dubius v. *anthoides* (*Budytes*) iii. 261.
ducalis (*Falco*) v. 575.
dukhnensis (*Alauda*) iv. 341.
 — (*Motacilla*) iii. 233, 236.
dulcivox (*Alauda*) iv. 307.
Dumeticola ii. 375, 439.
 — *melanocephala* ii. 401.
 — *sarda* ii. 447.
***dumetorum* (*Acrocephalus*)** ii. 535,
 560, 561, 564.
dumetorum (*Calamodyta*) ii. 561.
 — (*Curruca*) ii. 383.
 — (*Lanius*) iii. 399.
 — (*Motacilla*) ii. 383.
 — (*Sylvia*) ii. 383.
duplicatus (*Colymbus*) viii. 645.
***duponti* (*Certhilauda*)** .. iv. 277,
 279, 280.
dupontii (*Alaemon*) iv. 279.
 — (*Alauda*) iv. 279.
durazzi (*Emberiza*) iv. 235.
dussumieri (*Turnix*) vii. 250.
Dysporus vi. 179, 181.
 — *bassanus* vi. 181.
Dytes viii. 627, 645.
***eburnea* (*Pagophila*)** viii. 347,
 349.
eburneus (*Cetosparactes*) viii. 349.
 — (*Gavia*) viii. 349.
 — (*Pagophila*) viii. 349.
 — (*Larus*) viii. 349, 451.
Ectopistes migratorius vii. 37.
Egretta vi. 205.
 — *alba* vi. 231.
 — *brachyrhynchus* vi. 239.
 — *comata* vi. 251.
 — *garzetta* vi. 239.
 — *jubata* vi. 239.
 — *lindermayeri* vi. 239.
 — *melanorhyncha* vi. 231.
 — *modesta* vi. 231.
 — *nigrirostris* vi. 231.
 — *orientalis* vi. 231, 239.

Egretta rueppelli vi. 231.
 — russata vi. 245.
 — syrmatophora vi. 231.
 egretta (Ardea) vi. 231, 232, 236, 237, 238,
 239, 242.
 — (Garzetta) vi. 239.
 — (Herodias) vi. 231.
 —, var. californica (Herodias) .. vi. 238.
 egrettoides (Ardea) vi. 231.
 elæathorax (Emberiza) iv. 177.
 elæica (Chloropeta) ii. 537.
 — (Ficedula) ii. 537.
 — (Hippolais) ii. 537.
 — (Salicaria) ii. 537.
 elaica (Hypolais) .. ii. 531, 535, 539, 542.
 — (Salicaria) ii. 528.
 — (Sylvia) ii. 537.
 Elanoides v. 661.
 — cæsius v. 663.
 — furcatus vi. 1.
Elanus v. 661, 666.
 Elanus axillaris v. 666.
Elanus cæruleus.... v. 661, **663**,
 666, 667.
 Elanus cæsius v. 663.
 — hypoleucos v. 666.
 — leucurus v. 666.
 — melanopterus v. 444, 663.
 — minor v. 663.
 — scriptus v. 666.
 elegans (Alauda) iv. 335.
 — (Ammomanes) iv. 335.
 — (Annomanes) iv. 335.
 — (Ardea) vi. 242.
elegans (Carduelis) . iii. 525, **527**.
 elegans (Circus) v. 423.
 — (Columba) vii. 11.
 — (Cyanistes) iii. 143.
 — (Emberiza) iv. 202.
 — (Hiaticula) vii. 483.
 — (Lanius) iii. 381, 382.
 — (Merops) v. 155.
 — (Nisus) v. 599.
 — (Strigiceps) v. 423.
 eleonoræ (Dendrofalco)..... vi. 103.
eleonoræ (Falco).. vi. 13, 74, **103**,
 105, 107, 108, 109.
 eleonoræ (Hypotriorchis) .. vi. 103, 105,
 107, 108.
 elorioides (Tringa) viii. 3.
 elwesi (Otocoris) iv. 395.
 — (Otocorys)..... iv. 401.
Emberiza .. iii. 445, 525, 533, 547,
 615.
 iv. 149, 219, 238, 251, 339.
 Emberiza albida..... iv. 208, 217, 218.
 — aquatica iv. 249.
 — arundinacea iv. 241.

Emberiza aureola .. iv. **223**, 225,
 226, 228, 259.
 v. 210.
 Emberiza auriceps iii. 561.
 — aurifrons iii. 556, 561.
 — badensis iv. 185.
 — baghaira iv. 341.
 — barbata iv. 205.
 — bonapartei iv. 219.
 — bonapartii iv. 218.
 — borealis iv. 229, 261.
 — brumalis iii. 535.
 — buchanani iv. 185, 189.
Emberiza cæsia iv. 160, 161,
 210, **213**, 214, 215.
 Emberiza calcarata iv. 253.
 — caniceps iv. 208.
 — canigularis iv. 205.
 — carduelis iii. 527.
 — caspia iv. 249.
 — castaneiceps iv. 208.
 — chlorocephala iv. 185.
 — chlorophrys iv. 193.
Emberiza chrysophrys .. iv. **193**.
 — **cia** ii. 290.
 iv. 92, 180, **205**, 207, 208,
 210, 214.
 Emberiza cineracea iv. 159.
Emberiza cinerea .. iv. **159**, 160.
 Emberiza cioides iv. 207, 208.
 — ciopsis iv. 208.
Emberiza cirulus ii. 351.
 iv. **177**.
 v. 210.
 — **citrinella** ii. 511.
 iv. **171**, 182, 190, 210, 220.
 v. 210, 275, 304.
 Emberiza coccinea iv. 99.
 — dalmatica iv. 218.
 — dolichonica iv. 223.
 — durazzi iv. 235.
 — elæathorax iv. 177.
 — elegans iv. 202.
 — gigliolii iv. 208.
 — glacialis iv. 261.
 — granativora iv. 151, 154.
 — hordei iv. 205.
Emberiza hortulana iv. **185**, 214.
 v. 210.
 Emberiza hortulanus arundinaceus iv. 241.
 — huttoni iv. 200, 214.
 — intermedia iv. 241, 246.
 — lesbia iv. 229.
Emberiza leucocephala .. iv. 207,
 208, **217**, 218, 219, 220.
 Emberiza lotharingica iv. 205, 261.
 — luctuosa iii. 453.
 — maelbyensis iv. 185.

Emberiza melanocephala . iv. **151**,
 153, 155.
 Emberiza meridionalis iv. 205, 207.
Emberiza miliaria .. iv. 149, 161,
163, 167, 369, 371.
 v. 208, 209, 210.
 Emberiza montana iv. 261.
 — mustelina iv. 261.
 — nivalis iii. 617.
 iv. 261, 374.
 — notata iv. 261.
 — olivacea iv. 341.
 — palustris iv. 241, 246.
 — passerina iv. 218, 245, 246, 247.
 — pinetorum iv. 228.
 — pinguescens iv. 185.
 — pithyornis iv. 208, 232.
 — pithyornis iv. 207.
 — pityornis iv. 217, 218.
Emberiza pusilla iv. 195, 202,
235.
 — **pyrrhuloides** iv. 246, 247,
249.
 — **rustica** iv. **229**, 232.
 Emberiza saharæ iv. 198, 199, 214.
Emberiza schoeniclus . iv. 198, 220,
241, 246, 249, 250, 259.
 v. 210.
 Emberiza schoeniclus, var. iv. 241.
 — schoeniclus, var. minor iv. 235.
 — sclavonica iv. 217, 218, 219.
 — scotata iv. 218.
 — selysii iv. 223, 228.
 — septentrionalis iv. 171.
 — sibirica iv. 228.
 — spinus iii. 541.
 — stewarti iv. 200, 208.
 — stracheyi iv. 207, 210.
Emberiza striolata .. iv. 87, **197**,
 198, 199, 202.
 Emberiza sylvestris iv. 171.
 — tristrami iv. 207.
 — tunstalli iv. 185.
 Emberizidæ iv. 221.
 Emberizinæ iv. 149, 154.
 empusa (Actitis) viii. 127.
 Enalius vii. 629, 641.
 — sabini vii. 641.
 enca (Corvus) iv. 534, 535.
 Eniconetta vi. 627, 654.
 — stelleri vi. 649.
 Enneoctonus iii. 373.
 — arenarius iii. 413.
 — auriculatus iii. 407.
 — collaris iii. 399.
 — italicus iii. 393.
 — minor iii. 393.
 — nubicus iii. 417.
 — pomeranus iii. 407.

- Enneoctonus rufus* iii. 407.
 — *rutilans* iii. 407.
Entomobia v. 131.
 — *fusca* v. 133.
 — *smyrnensis* v. 133.
Entomothera v. 131.
 — *fusca* v. 133.
 — *smyrnensis* v. 133.
Enucleator iv. 109.
 — *angustirostris* iv. 111.
 — *minor* iv. 111.
enucleator (Coccothraustes) iv. 111.
 — (*Corythus*) iv. 111.
 — (*Fringilla*) iv. 111.
 — (*Loxia*) iv. 111.
enucleator (Pinicola) iv. 109, 111.
enucleator (Pyrrhula) iv. 111.
 — (*Strobilophaga*) iv. 111.
 — *angustirostris (Corythus)* iv. 111.
 — *latirostris (Corythus)* iv. 111.
 — *macrorhynchos (Corythus)* .. iv. 111.
 — *microrhynchos (Corythus)* .. iv. 111.
 — *splendens (Corythus)* iv. 111.
Ephialtes v. 327.
 — *scops* v. 329, 363.
 — *zorca* v. 329.
ephialtes (Scops) v. 329.
Epilais ii. 375, 429.
 — *atricapilla* ii. 421.
epops (Upupa) v. 9, 177, 179, 180, 182, 183, 184, 185, 193, 194, vi. 109.
equestris (Tringa) viii. 87.
eremita (Corvus) iv. 437.
 — (*Graculus*) iv. 437.
 — (*Turdus*) ii. 150, 157.
Eremophila iv. 385.
 — *alpestris* iv. 387.
 — *cornuta* iv. 268, 387.
 — *khamzin* iv. 399.
Ereunetes viii. 17.
 — *pusillus* viii. 18, 54.
ericeus (Tetrao) vii. 205.
Erimistura vi. 675.
Erismatura vi. 675, 677.
 — **leucocephala** vi. 577, 675, 677.
Erismatura mersa vi. 481, 677.
Erithacus ii. 327, 339, 353.
Erithacus cairii ii. 293.
 — *calliope* ii. 341.
 — *hyrcanus* ii. 332.
 — *moussieri* ii. 301.
 — *philomela* ii. 369.
Erithacus rubecula ii. 309, 327, 329, v. 210.
eritrocephala (Anas) vi. 551.
erminea (Nyctea) v. 287.
erminea (Strix) v. 287.
Erodias vi. 205.
 — *albus* vi. 231.
 — *garzetta* vi. 239.
 — *russatus* vi. 245.
 — *victoriæ* vi. 231.
Erolia viii. 9.
 — *pygmæa* viii. 59.
 — *variegata* viii. 59.
Erythaca rubecula ii. 329.
erythaca (Pyrrhula) iv. 100.
Erythacus ii. 275, 309, 327, 329, 361.
 — *lusciniæ* ii. 363.
 — *rubecula* v. 208.
 — *suecica* ii. 317.
 — *tithys* ii. 293.
erythraea (Loxia) iv. 75.
erythraea (Saxicola) ii. 185, 190, 219, 233.
erythraeus (Phœnicopterus) vi. 343, 345, 349.
Erythrina iv. 67.
erythrina (Coccothraustes) iv. 75.
 — (*Erythrospiza*) iv. 75.
 — (*Fringilla*) iv. 75.
 — (*Linaria*) iv. 75.
 — (*Pyrrhula*) iv. 75, 78.
erythrinus (Carpodacus) .. iv. 67, 70, 75, 76, 77, 78, 79, 81, 82.
erythrocephala (Aythya) vi. 551.
 — (*Pyrrhula*) iv. 99.
erythrogaster (Hirundo) iii. 480.
erythrogastra (Adelura) ii. 305.
 — (*Chamærrhous*) ii. 305.
 — (*Lusciola*) ii. 305.
 — (*Motacilla*) ii. 305.
erythrogastra (Ruticilla). ii. 305.
erythrogastra (Sylvia) ii. 305.
Erythroleuca ii. 375, 389.
Erythrophrys v. 225.
 — *americanus* v. 227.
 — *carolinensis* v. 227.
 — *erythrophthalmus* v. 231.
erythrophthalmus (Coccyzus). v. 231.
erythrophthalmus (Corvus) iv. 535.
 — (*Cuculus*) v. 231.
 — (*Erythrophrys*) v. 231.
erythroprocta (Ruticilla) . ii. 289, 290, 292.
erythroptera (Crucirostra) iv. 141.
 — (*Mirafra*) iv. 200, 204.
erythropterus (Lanius) iii. 423.
 — (*Monticola*) ii. 150.
erythropterus (Telephonus) .. iii. 421, 423.
erythropterus (Turdus) ii. 150.
Erythropus vi. 13.
 — *amurensis* vi. 97.
 — *vespertinus* vi. 93, 97, 131.
erythropus (Anas) vi. 383.
erythropus (Anser) vi. 375, 376, 378, 379, 383, 401, 405.
erythropus (Ardea) vi. 451.
 — (*Bernicla*) vi. 397.
 — (*Frigilus*) iv. 437.
 — (*Larus*) viii. 357.
 — (*Porphyrio*) vii. 303.
 —, var. *amurensis (Falco)* vi. 94.
Erythropterygia ii. 545.
 — *familiaris* ii. 553.
 — *galactotes* ii. 547.
erythropterygia (Hirundo) .. iii. 488, 489, 490.
 — (*Saxicola*) ii. 227, 228, 229.
erythropterygius (Accentor) iii. 32.
erythrorhampbos (Coracia) iv. 437.
erythrorhyncha (Falcinellus) vi. 335.
 — (*Ibis*) vi. 335.
erythrorhynchus (Falcinellus) vi. 335.
Erythroscelus viii. 125, 165.
Erythrospiza iv. 67, 83.
Erythrospiza erythrina iv. 75.
Erythrospiza githaginea .. iv. 85.
Erythrospiza phœnicoptera iv. 91.
 — *rosea* iv. 75.
Erythrospiza sanguinea .. iv. 83, 91, 92.
Erythrospiza sinaitica iv. 73.
Erythrosterina iii. 445.
 — *parva* iii. 465.
 — *parva ruficollis* iii. 465.
 — *parva rufigularis* iii. 465.
Erythrothorax iv. 67, 83.
 — *githagineus* iv. 85.
 — *rubrifrons* iv. 75.
erythrorus (Motacilla) ii. 293.
erythrurus (Turdus) ii. 67.
Esacus vii. 407.
Estrela iii. 47.
Eudites viii. 607, 609.
Eudocimus vi. 333.
 — *albus* vi. 340.
 — *falcinellus* vi. 336.
Eudromias vii. 505, 518.
Eudromias asiatica vii. 479.
 — *asiaticus* vii. 444, 479.
 — *montana* vii. 507.
 — *morinella* vii. 507.
Eudromias morinellus .. vii. 462, 481, 505, 507.
Eudromias stolidus vii. 507.
Eudytes viii. 607, 621.
 — *arcticus* viii. 615.
 — *glacialis* viii. 609.
 — *septentrionalis* viii. 621.
Euliga viii. 117, 119.
eulophotes (Ardea) vi. 244.
Eunetta vi. 505.
 — *falcata* vi. 525.
eunomus (Turdus) ii. 63.

- Euplectes iii. 605.
 — griseus iii. 611.
 Eupodotis vii. 367.
 — macqueeni vii. 395.
 — undulata vii. 391, 395.
 europæa (Bonasia) vii. 193.
 — (Cisticola) iii. 3.
 — (Crucirostra) iv. 127.
 — (Cyanopica) iv. 503.
 — (Loxia) iv. 127.
 — (Miliaria) iv. 163.
 — (Nyctea nivea) v. 287.
 — (Nyctiardea) vi. 269.
 — (Ostralega) vii. 567.
 — (Pica) iv. 509.
europæa (Pyrrhula).... iv. 95, 97,
 98, 99, **101**, 103, 107.
 europæa (Recurvirostra) vii. 577.
 — (Rusticola) vii. 615.
europæa (Sitta) iii. 167, **169**,
 170, 171, 175, 176, 177,
 179, 181, 184, 186, 189.
 europæa (Tichodroma) iii. 207.
 — typica (Sitta)..... iii. 179.
 — uralensis (Sitta) iii. 179.
 europæus (Bubo)..... v. 339.
europæus (Caprimulgus).. iv. 619,
621, 624, 625, 629,
 630, 633, 634, 635,
 v. 332.
 europæus (Cathartes) v. 391.
 — (Cinclus)..... ii. 167.
 — (Coccothraustes) iii. 575.
 — (Coturnix) vii. 143.
 — (Cursor) vii. 425.
 — (Cursorius) vii. 425.
 — (Fregilus) iv. 437.
 — (Himantopus) vii. 587.
 — (Nyctichelidon)..... iv. 621.
 — (Nycticorax) vi. 269.
 — (Œdicnemus) vii. 401.
 — (Otus) v. 251.
 — (Phœnicopterus) vi. 343.
 — (Picoides) v. 69.
 — (Scops) v. 329.
 — (Sturnus) iv. 405.
 — (Sylbeocyclus) viii. 659.
 — (Tachydromus) vii. 425.
 — (Trogodytes) iii. 155, 219, 229.
 — foliorum (Caprimulgus) iv. 621.
 — maculatus (Caprimulgus) .. iv. 621.
 — peregrinus (Caprimulgus).... iv. 621.
 — punctatus (Caprimulgus).... iv. 621.
 — punctorum (Caprimulgus) .. iv. 621.
 europea (Trogodytes) iii. 219.
 eurymelæna (Saxicola) ii. 211.
 Eurystomus v. 139.
 Euspiza iv. 149, 155.
 — americana iv. 155.
 — atricapilla iv. 151.
 Euspiza aureola iv. 223.
 — cia iv. 205.
 — hortulana iv. 185.
 — melanocephala iv. 151, 154,
 v. 160.
 — simillima iv. 151.
 Eustrinx v. 235.
 — flammea v. 237.
 Eutolmaetus..... v. 573.
 — bonelli v. 575.
 eversmanni (Columba)..... vii. 18, 26.
 — (Phyllopneuste) ii. 491, 509.
 — (Phylloscopus) ii. 481, 493.
 — (Sylvia) ii. 509.
 Exanthemops vi. 410.
 excelsus (Palumbus)..... vii. 3.
 excoronatus (Phyllopneuste)..... ii. 507.
 excubitor (Collyrio) iii. 375.
excubitor (Lanius).. iii. 373, **375**,
 376, 377, 379, 380, 381, 383, 384,
 385, 388, 389, 390, 391, 395, 426,
 iv. 277, 281,
 v. 210,
 vi. 34.
 exilipes (Ægiothus)..... iv. 51.
exilipes (Linota).... iv. 39, 42, 43,
 44, 49, **51**, 52, 57, 65.
 exilis (Ardeola) ii. 304.
 — (Ardetta) vi. 264.
 — (Cisticola) iii. 7.
 — (Upupa) v. 179.
 eximia (Luscinia) ii. 369.
 eximius (Buteo) v. 463.
 exustus (Pterocles) vii. 59, 64, 534.
 faberi (Clangula) vi. 617.
 — (Platypus)..... vi. 617.
 fabricii (Larus) viii. 427.
 faeroensis (Hydrobates) viii. 491.
 — (Somateria) vi. 629.
 — (Telmatias) vii. 641.
 faeroensis (Cephus)..... viii. 581.
 færøensis (Corvus) iv. 575.
 fagorum (Coccothraustes) iii. 575.
 falcaria (Anas) vi. 525.
 — (Querquedula) vi. 525.
 falcata (Anas) vi. 525, 527.
 — (Eunetta) vi. 525.
falcata (Querquedula) .. vi. **525**.
 falcinella (Plegadornis)..... vi. 335.
 — Trynga viii. 59.
 Falcinellus vi. 333, 340,
 viii. 1, 9, 59.
 — bengalensis..... vi. 335.
 — cuvieri viii. 59.
 — erythrorhyncha vi. 335.
 — erythrorhynchus vi. 335.
 — gesneri et aldrovandri vi. 335.
 — igneus vi. 335.
 — mexicanus vi. 335.
 Falcinellus ordi vi. 335.
 — peregrina vi. 335.
 — rufus vi. 336.
 falcinellus (Eudocimus) vi. 336.
 — (Ibis) vi. 335.
 — (Numenius) vi. 335, 340.
falcinellus (Plegadis) vi. 333,
335, 336, 339.
 falcinellus (Tantalides) vi. 335.
 — (Tantalus) vi. 335.
 —, var. ordi (Ibis) vi. 336.
 falcistrostra (Loxia) iv. 137.
Falco v. 399, 413, 447,
 469, 479, 543, 561, 573,
 585, 597, 641, 661,
 vi. 1, **13**, 64, 137.
 Falco abietinus vi. 31.
 — ægyptius v. 657.
 — æquipar v. 441.
 — æruginosus v. 415.
Falco æsalon vi. **83**, 97, 128.
 Falco æsalon alaudarius vi. 83.
 — albescens v. 587.
 — albicaudus v. 551.
 — albicilla v. 551.
 — albicilla borealis v. 551.
 — albidus v. 449.
 — albus v. 449, 451, 533.
 — americanus v. 533.
 — amurensis vi. 94.
 — anatum vi. 31.
 — apivorus vi. 3.
 — aquila v. 533.
 — arcadicus vi. 103, 107.
 — arcticus vi. 25, 29.
 — arundinaceus v. 415,
 vi. 139.
 — astracanus v. 463.
 — ater v. 494, 651.
 — atriceps vi. 31.
 — austriacus v. 651.
 — babylicus vi. 52, 54.
Falco barbarus v. 401,
 vi. 37, 43, 44, **47**, 54, 55.
 Falco barbatus v. 401.
 — barletta vi. 69.
 — belisarius v. 513.
 — biarmicus vi. 51, 54.
 — bonelli v. 575.
 — brachydactylus v. 563.
 — brookii vi. 31.
 — brunneus vi. 113.
 — buteo v. 449.
 — cæruleus v. 663.
 — cesius vi. 83.
 — calidus vi. 31.
 — canadensis v. 533.
Falco candicans vi. 18, **21**, 26,
 28, 29.
 Falco candicans islandicus vi. 25.

- Falco carolinensis* vi. 139.
 — *cassini* vi. 41, 42.
 — *cayennensis* vi. 139.
Falco cenchris iv. 605.
 vi. 13, 117, **125**, 127, 132,
 133, 134, 135.
Falco cherrug vi. 59.
 — *chicquera* v. 151.
 — *chrysaetus* v. 533.
 — *cinereus* v. 423.
 — *cineraceus* v. 423.
 — *cinerarius* v. 423.
 — *cinerascens* v. 423.
 — *cinereus* vi. 15.
 — *cirtensis* v. 457.
 — *clamosus* v. 663.
 — *clanga* v. 499.
 — *columbarius* vi. 85, 88.
 — *communis* vi. 31.
 — *communis minor* vi. 43.
 — *communis, var. minor* vi. 43.
 — *conciliator* v. 533.
 — *concolor* vi. 74, 103, 104, 107.
 — *cornicum* vi. 31.
 — *cyaneus* v. 431.
 — *cyanopus* vi. 59.
 — *cygneus* v. 533.
 — *desertorum* v. 457.
 — *dichrous* vi. 103, 107, 109.
 — *dubius* v. 587.
 vi. 3.
 — *ducalis* v. 575.
Falco eleonoræ .. vi. 13, 74, **103**,
 105, 107, 108, 109.
Falco erythropus, var. amurensis .. vi. 94.
 — *falconiarum* vi. 83.
 — *fasciatus* v. 449.
 vi. 113.
Falco feldeggii vi. **51**, 53, 54.
Falco feldeggii vi. 51.
 — *ferox* v. 463.
 — *forskåhlhi* v. 657.
 — *fulvus* v. 533.
 — *fulvus, var. canadensis* v. 533.
 — *fusco-ater* v. 651.
 — *gallicus* v. 563.
 — *gallinarius* v. 587.
 — *gentilis* vi. 31.
 — *glaucopis* v. 449.
 — *gracilis* vi. 74.
 — *griseiventris* vi. 31.
 — *greenlandicus* vi. 21.
Falco gyrfalco .. vi. **15**, 18, 21, 23,
 24, 26, 28, 29.
Falco, var. gyrfalco vi. 18.
 — *gyrfalco islandicus* vi. 25.
 — *gyrfalco norwegicus* vi. 15.
 — *gyrfalco, var. sacer* vi. 15.
 — *gyrofalco* vi. 15.
Falco haliaetus vi. 139.
 — *hendersoni* vi. 59, 63.
 vii. 80.
 — *herbæcola* v. 441.
 — *hinnularius* v. 551.
 — *hirundinum* vi. 69.
 — *holbœlli* vi. 25, 29.
 — *hornotinus* vi. 31.
 — *imperialis* v. 521, 527.
 — *incertus* v. 587.
 vi. 3.
 — *interstinctus* vi. 113.
 — *islandicus* vi. 21, 25.
 — *islandicus candicans* vi. 21.
Falco islandus vi. 19, 23, 24, **25**, 29.
Falco islandus, var. albus vi. 21.
 — *jugger* vi. 62, 64.
 — *juggur* vi. 200.
 — *labradorus* vi. 28.
 — *lagopus* v. 471.
 — *lanarius* vi. 15, 17, 51, 54,
 55, 57, 59, 61, 65.
 — *lanarius alphanet* vi. 47.
 — *lanarius græcus* vi. 51.
 — *lanarius* vi. 53.
 — *leucogenys* vi. 31.
 — *leucopsis* v. 563.
 — *leucoryphos* v. 545.
 — *lithofalco* vi. 83.
 — *longipes* v. 587, 589.
 — *lunulatus* vi. 31.
 — *macei* v. 545.
 — *macrurus* v. 445.
 — *maculatus* v. 491, 494, 499.
 — *magnus* v. 401.
 — *marginatus* v. 587.
 — *melanæetus* v. 521.
 — *melanaetus* v. 533.
 — *melanogenys* vi. 35, 41.
 — *melanonotus* v. 533.
 — *melanopterus* v. 663.
 — *mexicanus* vi. 64.
 — *micrurus* vi. 31.
 — *migrans* v. 651.
 — *milvipes* vi. 59.
 — *milvus* v. 643, 652.
Falco minor .. vi. 37, 42, **43**, 44,
 47, 48.
Falco mogilnik v. 511, 521.
 — *montanus cinereus* v. 431.
 — *mutans* v. 449.
 — *navioides* v. 513.
 — *navius* v. 493, 494, 587.
 — *naumanni* vi. 125, 133.
 — *niger* v. 533.
 — *nigriceps* vi. 31, 41.
 — *nisus* v. 599.
 — *nisus major* v. 609.
 — *norvegicus* vi. 15.
 — *orientalis* vi. 31.
Falco ossifragus v. 551.
 — *palumbarius* v. 494, 587.
 — *parasitus* v. 657.
 — *pekinensis* vi. 127, 134, 135.
 — *pelegrinoides* vi. 47.
 — *pennatus* v. 481.
 — *peregrinator* vi. 41.
 — *peregrinoides* vi. 43, 47, 51, 54.
Falco peregrinus v. 494.
 vi. 13, **31**, 36, 41, 42, 43,
 44, 47, 55, 61, 184.
Falco peregrinus, var. capensis vi. 43.
 — *pinetarius* vi. 31, 81.
 — *plumipes* v. 471.
 — *poiana* v. 449.
 — *poliorynchos* vi. 3.
 — *punicus* vi. 47.
 — *pygargus* v. 431, 533, 551.
 — *radama* vi. 103, 107.
 — *rapax* v. 513.
 — *regalis* v. 533.
 — *regulus* vi. 83.
 — *rubens* vi. 51.
 — *rufescens* vi. 113.
 — *rufinus* v. 463.
 — *rufipes* vi. 93.
 — *rufus* v. 415.
 — *rupicolus* vi. 132.
Falco sacer vi. 15, 18, 19,
 52, **59**, 61, 63, 64, 65,
Falco sacer, var. vi. 15.
 — *sacer* vi. 59.
 — *sclavonicus* v. 471.
 — *senegallus* v. 513.
 — *sibiricus* vi. 83.
 — *smirillus* vi. 83.
 — *strigiceps* v. 431.
Falco subbuteo vi. 11, **69**, 72,
 73, 74, 81, 97, 110.
Falco subbuteo major vi. 81.
 — *sublagopus* v. 471.
 — *tachardus* vi. 3.
 — *tanypterus* vi. 51, 54.
 — *tigrinus* v. 587.
 — *tinnuncularius* vi. 125, 134.
 — *tinnunculoides* vi. 125, 128, 134.
Falco tinnunculus vi. 97, 99,
 113, 117, 118, 119, 128, 129,
 133, 134.
Falco variegatus v. 449.
 — *versicolor* v. 449, 451.
Falco vespertinus .. vi. 13, **93**, 94.
Falco vociferus v. 663.
 — *xanthonyx* vi. 125.
falco (Accipiter) vi. 31.
 — *hornotinus (Accipiter)* vi. 31.
 — *islandicus (Accipiter)* vi. 25.
 — *leucocephalus (Accipiter)* v. 471.
 — *peregrinus (Accipiter)* vi. 31.

falco torquatus (Accipiter) v. 431.
 — tunetanus (Accipiter) vi. 47.
 Falconiarum (Falco) vi. 83.
 Falconidae v. 413.
 fallax (Lanius) iii. 381, 382, 383.
familiaris (Aedon) ii. 545, 548,
 549, 552, **553**, 554.
 familiaris (Calamoherpe) ii. 553.
familiaris (Certhia) iii. 193,
195, 201, 202, 205.
 v. 210, 275.
 familiaris (Erythropterygia) ii. 553.
 — (Rubecula) ii. 329.
 — (Salicaria) ii. 553.
 — (Sylvia) ii. 553.
 — (Tadorna) vi. 451.
 —, var. americana (Certhia) iii. 201.
 —, var. mexicana (Certhia) iii. 201.
 farsensis (Sturnus) iv. 405.
 farsensis (Uria) viii. 581.
 fasciata (Aquila) v. 575.
 — (Fringilla) iii. 541.
 — (Tringa) vii. 527.
 fasciatus (Budytes) iii. 261.
 — (Buteo) v. 449.
 — (Falco) v. 449.
 vi. 113.
fasciatus (Nisaetus) v. 489,
573, **575**.
 vi. 40.
 fasciatus (Pandion) vi. 139.
 — (Pterocles) iv. 200.
 — (Tetrao) vii. 61.
 fasciollis (Cypselus melba) iv. 603.
 Fedoa vii. 399.
 viii. 193, 201.
 — melanura viii. 211.
 — meyeri viii. 203.
 — oedinemus vii. 401.
 — pectoralis viii. 203.
 — rufa viii. 203.
 — terekensis viii. 195.
 fedoa (Limosa) viii. 213.
 feldegg (Motacilla) iii. 273.
feldeggi (Falco) vi. **51**, 53, 54.
 feldeggii (Falco) vi. 51.
 — (Motacilla) iii. 273.
 feliciae (Dendrocopos) v. 35.
 — (Picus) v. 22, 27, 35, 36, 37.
 femoralis (Numenius) viii. 245.
 fenestrarum (Chelidon) iii. 495.
 — (Chelidon urbica) iii. 495.
 fera (Anas) vi. 469.
 ferina (Anas) vi. 551, 564, 584.
 — (Aythya) vi. 551.
ferina (Fuligula) vi. **551**, 557.
 ferina (Fulix) vi. 551.
 — (Nyroca) vi. 551.
 ferinus (Platypus) vi. 551.

ferox (Accipiter) v. 463.
ferox (Buteo) iv. 547.
 v. 454, 457, **463**, 465,
 466, 467, 476.
 ferox (Circæetus) v. 463.
 — (Falco) v. 463.
 —, var. obscura (Buteo) v. 463.
 ferrago (Columba) vii. 45.
 ferrea (Pratincola) v. 210.
 ferroënsis (Anas querquedula) vi. 617.
 ferröensis (Corvus) iv. 567.
 ferrugeiceps (Merops) v. 171.
 ferruginea (Alauda) iv. 280.
 — (Anas) vi. 581.
 — (Ardea) vi. 269.
 — (Calandrella) iv. 349.
 — (Limosa) viii. 203.
ferruginea (Nyroca) vi. 579,
581.
 ferruginea (Sylvia) ii. 441.
 — (Tringa) viii. 77.
 ferrugineus (Numenius) viii. 59.
 — (Parus) iii. 129.
 — (Totanus) viii. 203.
 ferus (Anas anser) vi. 355.
 — (Anser) vi. 355, 363.
 viii. 442.
 — (Cygnus) vi. 433, 438.
 fervida (Motacilla) ii. 255.
 — (Pratincola) ii. 255.
 Ficedula ii. 275, 327, 361, 375,
 439, 467, 515, 557.
 iii. 231, 445.
 — ambigua ii. 537.
 — asilus ii. 491.
 — atricapilla ii. 421.
 iii. 453.
 — bonelli ii. 503.
 — cinerea ii. 377.
 — curruca ii. 377.
 — curruca arundinacea ii. 567.
 — curruca atricapilla ii. 421.
 — curruca cineraria ii. 377.
 — curruca cinerea ii. 377.
 — curruca garrula ii. 383.
 — curruca lusciniola ii. 597.
 — curruca minor ii. 383, 387.
 — curruca sylvestris ii. 597.
 — elæica ii. 537.
 — fitis ii. 491.
 — garrula ii. 383.
 — hypolais ii. 517,
 521, 523.
 — icterina ii. 521.
 — lusciniola ii. 363.
 — lusciniola major ii. 369.
 — motacilla iii. 233.
 — motacilla cinerea iii. 233.
 — motacilla flava iii. 251.
 — motacilla verna iii. 261.

Ficedula olivetorum ii. 527.
 — phoenicurus ii. 277.
 — polyglotta ii. 517.
 — proregulus ii. 469.
 — rubecula ii. 329.
 — rufa ii. 485.
 — rutacilla ii. 277.
 — suecica ii. 317.
 — sybilatrix ii. 497.
 — trochilus ii. 491.
 — ulicicola ii. 441.
 — vitiflora rufa ii. 203, 207.
 — vitiflora rufescens ii. 203, 208.
 ficedula (Motacilla) iii. 447, 453.
 — (Sylvia) iii. 453.
 filamentosus (Carbo) vi. 151.
 filoti (Irania) ii. 347.
 finmarchicus (Anser) vi. 383.
 finoti (Irania) ii. 347, 348, 350.
 finschii (Saxicola) ii. 219, 220.
 fissipes (Hydrochelidon) vii. 413.
 viii. 327, 632.
 — (Recurvirostra) vii. 577.
 — (Sterna) viii. 321, 327.
 — (Sternula) viii. 279.
 fistulans (Gallinula) vii. 313.
 — (Mareca) ii. 541.
 — (Totanus) viii. 173.
 fistularis (Anas) vi. 541.
 — (Mareca) vi. 541.
 — cristata (Anas) vi. 559.
 fitis (Ficedula) ii. 491.
 — (Motacilla) ii. 491.
 — (Phyllopeuste) ii. 491.
 — (Sylvia) ii. 491.
 flamingo (Loxia) iv. 111.
 flammea (Eustrinx) v. 237.
 — (Fringilla) iv. 15,
 37, 266.
 — (Stridula) v. 237.
flammea (Strix) v. 235, **237**,
 239, 240, 244, 487.
 vi. 11.
 flammea adpersa (Strix) v. 237.
 — americana (Strix) v. 237.
 —, var. delicatula (Strix) v. 238.
 —, var. furcata (Strix) v. 238.
 —, var. guatemalæ (Strix) v. 238.
 — guttata (Strix) v. 237.
 —, var. javanica (Strix) v. 238.
 — obscura (Strix) v. 237.
 —, var. perlata (Strix) v. 238.
 —, var. pratincola (Strix) v. 238.
 — vulgaris (Strix) v. 237.
 — (Ulula) v. 237.
 flammeus (Aluco) v. 237.
 flava (Alauda) iv. 387.
 — (Budytes) iii. 277.
 — (Ficedula motacilla) iii. 251.
 — (Galerita) iv. 303, 304.

- flava (Motacilla)** iii. 231, 251, 255, 257, **261**, 263, 264, 265, 266, 269, 270, 271, 273, 274, 275, 276, 277, 279, 280. v. 210. vii. 633.
- flava, var. africana (Motacilla)** iii. 273.
- , **var. anglica (Motacilla)** iii. 277.
- , **var. borealis (Motacilla)** iii. 269.
- , **cinereocapilla (Motacilla)** iii. 269.
- , **var. dalmatica (Motacilla)** iii. 273.
- , **melanocephala (Motacilla)** iii. 273.
- , **rayi (Motacilla)** iii. 277.
- , **var. vulgaris (Motacilla)** iii. 261.
- flaveola (Motacilla)** iii. 261, 277.
- flavescens (Anthus)** iii. 317.
- (**Motacilla**) iii. 261.
- (**Serinus**) iii. 549.
- (**Sylvia**) ii. 509.
- flavicapillus (Regulus)** ii. 453.
- flaviceps (Coccothraustes)** iii. 575.
- flavigaster (Chloris)** iii. 567.
- flavipes (Gallinula)** vii. 313.
- (**Larus**) viii. 421.
- (**Platalea**) vi. 325.
- (**Totanus**) viii. 125, 153.
- (**Vanellus**) vii. 531.
- flavirostris (Acanthis)** iv. 65.
- (**Cannabina**) iv. 59.
- (**Fringilla**) iv. 59.
- (**Leptodactylus**) vi. 231.
- (**Linaria**) iv. 37, 59.
- flavirostris (Linota)** iv. **59**, 65, 66.
- flavissima (Budytes)** iii. 277.
- flaviventris (Sylvia)** ii. 491.
- flavus (Budytes)** iii. 261.
- floridanus (Glottis)** viii. 173.
- fluvialis (Pandion)** vi. 139.
- (**Triorches**) vi. 139.
- fluviatilis (Acrocephalus)** ii. 611.
- (**Ægialitis**) vii. 491.
- (**Calamodyta**) ii. 621.
- (**Calamohërpe**) ii. 621.
- (**Charadrius**) vii. 491.
- (**Colymbus**) viii. 659.
- (**Cotyle**) iii. 505.
- (**Hydrochelidon**) viii. 315, 318.
- fluviatilis (Locustella)** ii. 614, 619, **621**, 629, 630.
- fluviatilis (Lusciniopsis)** ii. 621.
- (**Pelodes**) viii. 315.
- (**Pluvialis**) vii. 491.
- fluviatilis (Podiceps)** viii. 635, **659**, 663, 665.
- fluviatilis (Potamodius)** ii. 621.
- (**Pseudolusciniopsis**) ii. 621.
- (**Salicaria**) ii. 621.
- fluviatilis (Sterna)** viii. 257, 258, 259, 261, **263**, 265, 266, 268, 270, 275, 414, 415, 478.
- fluviatilis (Sylvia)** ii. 621.
- (**Threnetria**) ii. 621.
- **alticeps (Lusciniopsis)** ii. 621.
- **macrorhynchus (Lusciniopsis)** ii. 621.
- **macroura (Lusciniopsis)** ii. 621.
- **nigricans (Colymbus)** viii. 659.
- **strepitans (Lusciniopsis)** ii. 621.
- foliorum (Anthus)** iii. 309.
- (**Caprimulgus**) iv. 621.
- (**Dandalus**) ii. 329.
- (**Rubecula**) ii. 329.
- (**Sitta**) iii. 175.
- **europæus (Caprimulgus)** iv. 621.
- foljambei (Crex)** vii. 275.
- (**Gallinula**) vii. 283.
- formosa (Anas)** vi. 521.
- formosa (Querquedula)** vi. **521**, 523.
- formosus (Trogodytes)** iii. 223.
- forskâhli (Milvus)** v. 657.
- forskâhli (Falco)** v. 657.
- forsteni (Athene)** v. 237.
- forsteri (Sterna)** viii. 332.
- (**Strix**) v. 237.
- fosteri (Sterna)** viii. 268.
- fraenata (Anas)** vi. 565.
- Francolinus** vii. **121**.
- Francolinus asiæ** vii. 123.
- **henrici** vii. 123.
- **pictus** vii. 125.
- **tristriatus** vii. 123.
- Francolinus vulgaris** vii. 121, **123**.
- francolinus (Attagen)** vii. 123.
- (**Chaetopus**) vii. 123.
- (**Perdix**) vii. 123.
- (**Tetrao**) vii. 123.
- francii (Uria)** viii. 575.
- Fratercula** viii. **597**, 599.
- **arctica** vi. 184, viii. 597, **599**.
- Fratercula corniculata** viii. 599, 603.
- **glacialis** viii. 599, 602, 603.
- fratercula (Mormon)** vi. 652, viii. 599.
- fraterculus (Ammomanes)** iv. 329, 331.
- (**Grus**) vii. 344.
- Fregilus** iv. 435.
- **europæus** iv. 437.
- **graculus** iv. 437.
- **graculus, var. brachypus** iv. 437.
- **graculus, var. orientalis** iv. 437.
- **himalayanus** iv. 437, 441.
- frenata (Marila)** vi. 565.
- (**Scelopax**) vii. 649.
- fretensis (Hirundo)** iii. 477, 483.
- freti-hudsonis (Anas)** vi. 643.
- (**Ardea**) vi. 289.
- (**Strix**) v. 309.
- Fringilla** iv. 435.
- **erythropus** iv. 437.
- **pyrrhocorax** iv. 445.
- Fringilla** iii. 283, 525, 533, 547, 565, 573, 583, 605, 615. iv. **1**, 29, 67, 83, 95, 109, 149, 219.
- Fringilla africana** iv. 13.
- **agilis** iii. 309.
- **albo-ochracea** iii. 527.
- **argentoratensis** iv. 31.
- **bononiensis** iii. 607.
- **borealis** iv. 37, 51, 55.
- **brachydactyla** iii. 611.
- **cabaret** iv. 47.
- **calcarata** iv. 253.
- **campestris** iii. 597.
- **canaria** iii. 557, iv. 10.
- **canariensis** iv. 9, 10.
- **canariensis, var. moreleti** iv. 9.
- **cannabina** iv. 31.
- **carduelis** iii. 527.
- **chloris** iii. 567, iv. 80.
- **cisalpina** iii. 585, 593.
- **citrinella** iii. 535, 549.
- **coccothraustes** iii. 575.
- **coccothraustes alba** iii. 575.
- **coccothraustes fulva** iii. 575.
- **coccothraustes phœnicoptera** iv. 91.
- Fringilla cœlebs** iii. 380. iv. **1**, **3**, 5, 9, 10, 13, 14, 21, 220. v. 210.
- Fringilla crocea** iv. 151.
- **domestica** iii. 587.
- **enucleator** iv. 111.
- **erythrina** iv. 75.
- **fasciata** iii. 541.
- **flammea** iv. 15, 37, 266.
- **flavirostris** iv. 59.
- **githaginea** iv. 85.
- **hispaniolensis** iii. 593.
- **incerta** iv. 75, 78, 81, 82.
- **italiæ** iii. 585.
- **lapponica** iv. 253.
- **linaria** iii. 126, iv. 37, 40, 41, 266.
- **linaria, var.** iv. 47.
- **linota** iv. 31.
- **lulensis** iv. 15.
- **media** iv. 15.
- **montana** iii. 549, 597.
- Fringilla montifringilla** ii. 511. iv. **15**, 21, 22. v. 210.
- Fringilla montium** iv. 59.
- **moreleti** iv. 9, 10.

- Fringilla nivalis* iii. 617.
 — *nobilis* iv. 3.
 — *ochracea* iii. 527.
 — *petronia* iii. 607.
 — *projer* iv. 163.
 — *pusilla* iii. 561.
 — *pyrrhula* iv. 97, 101.
 — *rhodoptera* iv. 91.
 — *rubrifrons* iii. 561.
 — *rufescens* iv. 37.
 — *salicicola* iii. 593.
 — *sanguinea* iv. 91.
 — *saxatilis* iii. 617.
 — *septentrionalis* iv. 15.
 — *serinus* iii. 549.
 — *simplex* iii. 603.
 — *sinaitica* iv. 73.
 — *spinus* iii. 541.
Fringilla spodiogena iv. 6, 9, 13.
Fringilla spodiogenys iv. 13.
 — *striolata* iv. 197.
 — *stulta* iii. 607.
 — *syriaca* iii. 556.
Fringilla teydea iv. 25.
Fringilla thebaica iv. 85.
Fringilla tintillon iv. 9, 10,
 13, 14.
Fringilla vitis iv. 37.
fringilla nivalis (Passer) iii. 617.
fringillago (Parus) iii. 79.
fringillaria iv. 149, 214.
 — *cæsia* iv. 213.
 — *septemstriata* iv. 214.
 — *striolata* iv. 197, 209.
 — *tahapisi* iv. 214.
fringillarius (Dædalion) v. 599.
 — (Ierax) v. 599.
 — (Nisus) v. 599.
fringillarum (Nisus) v. 599.
Fringillidæ iii. 525.
Fringillinæ iii. 525.
 iv. 29.
fringillirostris (Linota) iv. 34.
fringilloides (Plectrophanes) iii. 617.
frondium (Gecinus) v. 77.
 — (Picus) v. 19.
frontalis (Strix) v. 319, 323.
frugilega (Corvus cornix) iv. 551.
Frugilegus iv. 521.
 — *frugilegus* iv. 551.
frugilegus (Colæus) iv. 551.
***frugilegus* (Corvus)** iv. 521,
 534, 551.
frugilegus (Frugilegus) iv. 551.
fruticeti (Curruca) ii. 377.
 — (Locustella vera) ii. 611.
 — (Motacilla) ii. 377.
 — (Parus) iii. 107, 110.
 — (Saxicola) ii. 263.
 — (Sylvia) ii. 377.
- Fruticicola* ii. 253.
 — *rubetra* ii. 255.
 — *rubicola* ii. 263.
Fulica vii. 297, 311, 321, 327.
Fulica æthiops vii. 327.
 — *albiventris* vii. 327.
 — *americana* vii. 333.
 — *aterrima* vii. 327.
Fulica atra vii. 321, 323, 324,
 325, 326, 327.
 viii. 333, 632.
Fulica atra japonica vii. 327.
 — *atrata* vii. 327.
 — *australis* vii. 327.
 — *cærulea* vii. 299.
 — *chloropus* vii. 313.
 — *cinereicollis* vii. 327.
Fulica cristata vii. 323, 324,
 328, 331, 334.
Fulica fuliginosa vii. 327.
 — *fusca* vii. 313.
 — *leucoryx* vii. 327.
 — *lugubris* vii. 327.
 — *major* vii. 327.
 — *mitrata* vii. 323.
 — *platyuros* vii. 327.
 — *porphyrio* vii. 299, 303.
 — *pullata* vii. 327.
fulicaria (Tringa) vii. 605.
***fulicarius* (Phalaropus)** .. vii. 595,
 599, 604, 605.
fulicula (Rallus) vii. 267.
fuliginosa (Anas) vi. 657.
 — (Fulica) vii. 327.
 — (Haliplana) viii. 307.
 — (Nectris) viii. 523.
 — (Procellaria) viii. 523.
***fuliginosa* (Sterna)** viii. 307,
 309, 312.
fuliginosa (Strix) v. 284.
 —, var. *crissalis* (Haliplana) .. viii. 307.
fuliginosum (Hydrochelidon).... viii. 307.
fuliginosus (Buteo)..... v. 463.
 — (Onychoprion) viii. 307.
 — (Picus) v. 35.
 — (Puffinus) viii. 523.
Fuligula .. vi. 467, 549, 567, 575,
 579, 587, 607, 615, 627,
 655, 675.
Fuligula affinis vi. 570.
 — *albeola* vi. 589.
 — *americana* vi. 557.
 — *barrowii* vi. 603.
Fuligula cristata .. vi. 549, 573,
 575.
Fuligula clangula v. 305.
 vi. 595.
 — *dispar* vi. 649.
Fuligula ferina vi. 551, 557.
- Fuligula fusca* vi. 657.
 — *gesneri* vi. 565.
 — *glacialis* vi. 617.
 — *histrionica* vi. 609.
 — *homeyeri* vi. 551.
 — *islandica* vi. 603.
Fuligula marila vi. 565.
Fuligula marmorata vi. 479.
 — *mersa* vi. 677.
 — *nigra* vi. 663.
 — *nyroca* vi. 482, 581.
 — *perspicillata* vi. 669.
Fuligula rufina vi. 402, 559, 563.
Fuligula spectabilis vi. 643.
fuligula (Anas) vi. 573, 578.
 — (Aythya) vi. 573.
 — (Nyroca) vi. 573.
fuligulus (Platypus) vi. 573.
Fulix vi. 549.
 — *ferina* vi. 551.
 — *marila* vi. 565.
Fulmarus viii. 533, 543.
 — ***glacialis*** viii. 533,
 535, 536, 539, 542.
Fulmarus meridionalis viii. 545.
 — *minor* viii. 535.
 — *rogersi* viii. 539.
fulva (Aquila) v. 533, 537.
***fulva* (Argya)** iii. 21, 24.
fulva (Fringilla coccothraustes) .. iii. 575.
fulvescens (Accentor)..... iii. 35, 36, 37.
 — (Aquila) v. 527.
 — (Gyps)..... v. 377.
fulviventris (Haliaetus) v. 545.
fulviventris (Aquila) v. 499.
***fulvus* (Charadrius)**.. vii. 436, 437,
 438, 443, 444, 445, 448, 449.
fulvus (Crateropus) iii. 21, 24.
 — (Falco) v. 533.
***fulvus* (Gyps)** .. v. 371, 373, 377,
 380, 381, 385, 386, 393, 395,
 406, 408.
 vii. 388.
fulvus (Pluvialis)..... vii. 436, 443.
 — (Turdus) iii. 21.
 — (Vultur) .. v. 373, 385, 394, 405, 411.
 — *americanus* (Pluvialis) .. vii. 436, 445.
 —, var. *canadensis* (Falco)..... v. 533.
 — *occidentalis* (Vultur) v. 373, 376,
 380.
 — *orientalis* (Vultur) v. 373, 380.
fumigatus (Troglodytes) iii. 220, 222.
funerea (Noctua)..... v. 309.
 — (Nyctale) v. 319.
 — (Strix) v. 301, 309, 312.
***funerea* (Surnia)**..... v. 309.
funerea (Surnia) v. 309.
 — (Ulula) v. 319.
funereus (Haliaetos) v. 551.

- funereus* (*Haliaëtus albicilla*) v. 551.
furcata (*Strix*) v. 237, 240, 292.
furcatum (*Xema*) viii. 335.
furcatus (*Elanoides*) vi. 1.
 — (*Nauclerus*) v. 668.
fusca (*Alcedo*) v. 133.
 — (*Anas*) vi. 657.
 — (*Aquila*) v. 499.
 — (*Catarracta*) viii. 457.
 — (*Cercomela*) iv. 200.
 — (*Certhia*) iii. 195.
 — (*Chætura*) iv. 613.
 — (*Ciconia*) vi. 309.
 — (*Columba*) vii. 11, 18.
 — (*Curruca*) ii. 567.
 — (*Dacelo*) v. 133.
 — (*Entomobia*) v. 133.
 — (*Entomothera*) v. 133.
 — (*Fulica*) vii. 313.
 — (*Fuligula*) vi. 657.
 — (*Gallinula*) vii. 313.
 — (*Hirundo*) iv. 613.
 — (*Limosa*) viii. 165.
 — (*Melanitta*) vi. 657.
***fusca* (*Ædemia*) vi. 657, 665.**
fusca (*Oedemia*) vi. 657.
 — (*Oidemia*) vi. 657.
 — (*Scolopax*) viii. 165.
 — (*Tringa*) vii. 597.
fuscatus (*Cychloselys*) ii. 63.
 — (*Phylloscopus*) v. 210.
 — (*Planesticus*) ii. 63.
 — (*Turdus*) ii. 59, 61, 63, 65, 68.
 v. 6.
fuscescens (*Ægiothus*) iv. 37, 39.
 — (*Hypolais*) ii. 531.
 — (*Syrnium*) v. 278.
fuscicapilla (*Aquila*) v. 533.
 — (*Cisticola*) iii. 7.
 — (*Muscicapa*) iii. 453.
fuscicollis (*Cypselus*) iv. 603.
***fuscicollis* (*Tringa*) . . viii. 15, 16,**
 32, 51, 53.
fuscilateralis (*Rallus*) vii. 257.
 — (*Turdus*) ii. 41.
fusco-ater (*Falco*) v. 651.
fuscoatra (*Aquila*) v. 491.
fuscus (*Buteo*) v. 449.
 — (*Charadrius*) vii. 475.
 — (*Clupearus*) viii. 421.
 — (*Dominicanus*) viii. 421.
 — (*Laroides*) viii. 421.
***fuscus* (*Larus*) vi. 639.**
 viii. 234, 257, 382, 399, 401,
 413, 415, 417, 418, **421,**
 425, 430, 432, 439, 441, 457.
fuscus (*Leucus*) viii. 421.
 — (*Milvus*) v. 651.
 — (*Phalaropus*) vii. 597.
 — (*Platypus*) vi. 657.
***fuscus* (*Totanus*) vii. 592.**
 viii. 126, 163, **165,** 172, 199.
fuscus (*Vultur*) v. 391.
gabar (*Accipiter*) v. 635.
gabonensis (*Pycnonotus*) iii. 355.
gaetkei (*Phylloscopus*) ii. 491, 495.
***galactodes* (*Ædon*) ii. 349, 415, 416,**
 545, **547,** 549, 551, 553, 554, 555.
galactodes (*Agrobates*) ii. 547.
 — (*Calamoherpe*) ii. 547.
 — (*Erythropygia*) ii. 547.
 — (*Salicaria*) ii. 547, 553, 554.
 — (*Sylvia*) ii. 349, 351, 547.
 iii. 420.
 — *brachyrhynchus* (*Ædon*) ii. 547.
 — *macrorhynchus* (*Ædon*) ii. 547.
 — *var. syriaca* (*Curruca*) ii. 553.
galapagensis (*Asio*) v. 262.
Galbula v. 86.
galbula (*oracias*) iii. 365.
galbula* (*Oriolus*) iii. 363, **365,*
 612.
 vi. 109.
galbula, var. virescens (*Oriolus*) iii. 365.
galeata (*Crex*) vii. 317.
 — (*Gallinula*) vii. 317.
Galerida iv. 280, 283, 302, 305.
 — *abyssinica* iv. 286, 302, 304.
 — *arborea* iv. 321.
 — *arenicola* iv. 286.
 — *boysii* iv. 286.
 — *brachyura* iv. 286.
 — *chendoola* iv. 285.
 — *cristata* iv. 280, 285, 286.
 — *isabellina* iv. 303.
 — *leautungensis* iv. 286, 300.
 — *macrorhyncha* iv. 301.
 — *nemorosa* iv. 321.
 — *randonii* iv. 301.
 — *senegalensis* iv. 286.
 — *viarum* iv. 285.
***Galerita* iv. 283, 305.**
Galerita abyssinica iv. 286, 290.
 — *altirostris* iv. 286.
 — *anthirostris* iv. 321.
 — *arenicola* iv. 286, 289, 290, 291,
 292, 299, 302.
 — *arenicola, var. fusca* iv. 286.
 — *boysii* iv. 286, 291.
 — *brachyura* iv. 290, 291, 292, 299.
 — *chendoola* iv. 291.
***Galerita cristata* iii. 321.**
 iv. 283, **285,** 286, 289,
 290, 291, 301, 304,
 353, 367, 371.
 v. 210.
Galerita cristata angustistriata iv. 286.
 — *cristata gallica* iv. 286.
Galerita cristata maculata iv. 286.
 — *cristata pallida* iv. 286.
 — *cristata planorum* iv. 286.
 — *cristata tenuirostris* iv. 286.
 — *cristata vulgaris* iv. 286.
 — *flava* iv. 303, 304.
***Galerita isabellina* iv. 289,**
 290, 295, 302, **303.**
Galerita karinthiaca iv. 286.
 — *lutea* iv. 286, 303, 304.
***Galerita macrorhyncha* . . iv. 289,**
 290, 295, **301.**
Galerita magna iv. 286, 290, 291,
 292, 300.
 — *major* iv. 286.
 — *musica* iv. 321.
 — *nigricans* iv. 286.
 — *pagorum* iv. 286.
 — *rufescens* iv. 286.
 — *theclæ* iv. 297.
 — *theklæ* iv. 286, 289.
 — *theklæ major* iv. 286.
 — *theklæ minor* iv. 286.
 — *undata* iv. 285.
galerita (*Alauda*) iv. 285.
galeritaria (*Melanocorypha*) iv. 329.
Galgulus v. 139.
 — *garrulus* v. 141.
 — *mindanœnsis* v. 149.
 — *nævius* v. 149.
galilænsis (*Cypselus*) iv. 591, 593.
galilejensis (*Cypselus*) iv. 591.
gallica (*Aquila*) v. 563.
 — (*Galerita cristata*) iv. 286.
gallicus (*Buteo*) v. 563.
 — (*Charadrius*) vii. 425.
 — (*Circæetus*) v. 563.
 — (*Circaëtus*) v. 563.
***gallicus* (*Circaëtus*) v. 465,**
 531, 561, **563,** 564.
***gallicus* (*Cursorius*) vii. 423,**
 **425.**
gallicus (*Falco*) v. 563.
 — (*Tachydromus*) vii. 425.
Gallinæ vii. 83.
***Gallinago* vii. 629.**
 viii. 185, 189.
Gallinago ægyptiaca vii. 642.
 — *æquatorialis* vii. 646.
 — *brehmii* vii. 641.
 — *burka* vii. 641.
***Gallinago cœlestis* vii. 641,**
 643, 645, 646,
 647, 650.
 — *gallinula* vii. **653.**
Gallinago japonica vii. 641, 642.
 — *lamottii* vii. 642.
Gallinago major* vii. 629, **631,*
 644.

- Gallinago media* iv. 268.
vii. 631, 641.
— *minima* vii. 653.
— *montagui* vii. 631.
— *nilotica* vii. 641.
— *picta* vii. 642.
— *pygmæa* vii. 642.
— *russata* vii. 650.
— *sabini* vii. 641.
— *scolopacinus* vii. 641.
— *stenura* vii. 646.
— *uniclavus* vii. 641.
— *wilsoni* vii. 643, 647.
gallinago (*Ascalopax*) vii. 641.
— (*Scolopax*) vii. 641, 648.
viii. 199.
— (*Telmatias*) vii. 631, 641.
— *anglicana* (*Scolopax*) viii. 21.
— *minor* (*Scolopax*) vii. 653.
gallinaria (*Scolopax*) vii. 641, 643.
gallinarius (*Circus*) v. 431.
— (*Falco*) v. 587.
gallinarum (*Astur*) v. 587.
Gallinula vii. 265, 289,
297, **311**, 313.
Gallinula alleni vii. 307.
— *baillonii* vii. 275.
— *burnesi* vii. 316.
Gallinula chloropus .. vii. 309, 311,
313, 316,
325, 328.
Gallinula crex vii. 291.
— *fistulans* vii. 313.
— *flavipes* vii. 313.
— *foljambei* vii. 283.
— *fusca* vii. 313.
— *galeata* vii. 317.
— *gracilis* vii. 267.
— *hæmatopus* vii. 317.
— *leucothorax* vii. 267.
— *maculata* vii. 267.
— *meridionalis* vii. 316.
— *minuta* vii. 283.
— *mutabilis* vii. 307.
— *orientalis* vii. 317.
— *parvifrons* vii. 316.
— *porphyrio* vii. 303, 307.
— *porphyrio*, var. vii. 299.
— *porzana* vii. 267.
— *punctata* vii. 267.
— *pusilla* vii. 283.
— *pusilla pygmæa* vii. 275, 283.
— *pusillus* vii. 283.
— *pygmæa* vii. 275.
— *pyrrhorhoa* vii. 316.
— *stellaris* vii. 275.
gallinula (*Ascalopax*) vii. 653.
gallinula (**Gallinago**) .. vii. **653**.
gallinula (*Lymnocyptes*) vii. 653.
— (*Philolimnos*) vii. 653.
gallinula (*Scolopax*) vii. 653.
viii. 199.
— (*Telmatias*) vii. 653.
galtoni (*Saxicola*) ii. 191.
gambeli (*Anser*) vi. 376, 378, 381.
Gambetta viii. 125, 157.
gambetta (*Tringa*) viii. 157.
gardeni (*Ardea*) vi. 269.
— (*Nyctiardea*) vi. 270.
— (*Nycticorax*) vi. 269.
garrula (*Bombycilla*) iii. 429.
— (*Bombycivora*) iii. 429.
— (*Coracias*) ii. 157.
v. 141, 144, 150, 151, 160.
— (*Curruca*) ii. 383, 560.
— (*Ficedula*) ii. 383.
— (*Ficedula curruca*) ii. 383.
— (*Sylvia*) ii. 383, 449.
Garrulaces ii. 101.
Garrulus .. iv. 469, **479**, 501, 507.
— **atricapillus** iv. **491**,
492, 499.
Garrulus bispecularis iv. 492.
Garrulus brandti .. iv. 483, **487**,
488, 492.
Garrulus brandtii iv. 487, 488.
Garrulus cervicalis .. iv. 492, 496,
499.
— **glandarius** .. iv. 463, 465, 479,
481, 483, 487, 488, 489, 491, 492,
495, 496, 497, 500, 505.
v. 210.
Garrulus glandarius, var. iv. 495.
— *glandarius*, var. *severtzoffii* .. iv. 488.
— *hyrcanus* iv. 491.
— *iliceti* iv. 491.
— *infaustus* iv. 471.
v. 706.
— *japonicus* iv. 489, 491.
Garrulus krynicki .. iv. 491, 492,
493, **495**, 496.
Garrulus lanceolatus iv. 492.
— *lidthi* iv. 492.
— *melanocephalus* iv. 491, 492, 493, 499.
— *minor* iv. 484, 500.
— *ornatus* iv. 492.
— *pica* iv. 509.
— *sinensis* iv. 492.
— *stridens* iv. 495, 496.
— *taivanus* iv. 492.
garrulus (**Ampelis**) iii. 427,
429, 442.
— (**Coracias**) v. 139, **141**.
garrulus (*Galgulus*) v. 141.
— (*Oriolus*) iii. 365.
Garzetta vi. 205.
— *egretta* vi. 239.
— *nigripes* vi. 239.
— *nivea* vi. 239.
Garzetta orientalis vi. 239.
garzetta (**Ardea**) vi. 234, 235,
239, 243, 244, 262.
garzetta (*Egretta*) vi. 239.
— (*Erodias*) vi. 239.
— (*Herodias*) vi. 239.
Gavia viii. 335, 347, 355, 445.
— *affinis* viii. 365.
— *audouinii* viii. 395.
— *brachytarsa* viii. 349.
— *capistratus* viii. 357.
— *eburneus* viii. 349.
— *gelastes* viii. 389.
— *hyberna* viii. 381.
— *melanocephala* viii. 365.
— *minuta* viii. 373.
— *nivea* viii. 349.
— *ridibunda phoenicopos* viii. 369.
— *ridibundus* viii. 357.
— *sabini* viii. 337.
— *tridactyla* viii. 447.
gavia (*Charadrius*) vii. 545.
— (*Larus*) viii. 447.
— (*Vanellus*) vii. 545.
— &c. (*Larus*) viii. 357, 447.
— *ridibunda* (*Larus*) viii. 357.
Gaviæ viii. 253.
Gavina viii. 355.
— *audouini* viii. 395.
Gecinus v. 1, 58, **75**, 79.
Gecinus algirus v. 93.
Gecinus canus v. 94, **95**, 99.
Gecinus frondium v. 77.
— *levillantii* v. 78.
— *pinetorum* v. 77.
— *sharpei* v. 93, 94, 97.
Gecinus sharpii v. **89**.
— **vallantii** v. **93**.
Gecinus virescens v. 77.
Gecinus viridis .. v. 26, 49, **75**, **77**,
79, 89, 90, 94, 97, 98, 99.
Gelastes viii. 355.
— *columbinus* viii. 389.
— *gelastes* viii. 389.
— *lambruschini* viii. 389.
— *lichtensteini* viii. 389.
— *rubriventris* viii. 389.
gelastes (*Chroicocephalus*) viii. 389.
— (*Columba*) vii. 45, 48.
— (*Gavia*) viii. 389.
— (*Gelastes*) viii. 389.
gelastes (**Larus**) .. viii. **389**, 391,
397.
gelastes (*Turtur*) vii. 45.
— (*Xema*) viii. 389.
gelastis (*Columba*) vii. 45.
Gelichelidon viii. 313.
— *innotata* viii. 315.
Gelochelidon agraria viii. 295.
— *anglica* viii. 295.

- Gelocheidion aranea viii. 295.
 — balthica viii. 295.
 — macrotarsa viii. 295.
 — meridionalis viii. 295.
 — nilotica viii. 295.
 — palustris viii. 295.
 geni (Larus) viii. 389.
 — (Xema) viii. 389.
 genistarum (Rallus) vii. 291.
 Gennaia vi. 13.
 — lanarius vi. 51.
 — sacer vi. 59.
 Gennaja barbara vi. 47.
 — barbarus vi. 47.
 gentilis (Falco) vi. 31.
 Geocichla ii. 1, 95.
 — obscura ii. 71.
geoffroyi (Ægialitis) .. vii. **475**,
 476, 481, 505.
 geoffroyi (Charadrius) vii. 475.
 — (Cirrepedesmus) vii. 475.
 — (Hiaticula) vii. 475.
 Geospiza iii. 615, 617.
 germanica (Carduelis) iii. 527.
 — (Miliaria) iv. 163.
 — (Pica) iv. 509.
 — (Pyrrhula) iv. 101.
 germanicus (Bubo) v. 339.
 — (Glandarius) iv. 481.
 — (Haliaëtus albicilla) v. 551.
 — (Rallus) vii. 257.
 Geronticus vi. 327, 329.
 — comatus vi. 329.
 gesneri (Fuligula) vi. 565.
 — et aldrovandri (Falcinellus) .. vi. 335.
 gibbera (Melanitta) vi. 663.
 — (Oedemia) vi. 663.
 — (Tadorna) vi. 451.
 gibbus (Cygnus) vi. 419.
 gibraltaria (Ortygis) vii. 249.
 — (Perdix) vii. 249.
 — (Turnix) vii. 249.
 gibraltarius (Tetrao) vii. 249.
 gibraltariensis (Motacilla) ii. 293.
 — (Ruticilla) ii. 293.
 gibraltarius (Turnix) vii. 249.
 gigantea (Acanthyllis) iv. 616.
 — (Ardea) vii. 359.
 — (Grus) vii. 359.
 giganteus (Cypselus) iv. 613.
 — (Larus) viii. 433, 438.
 — (Leucogeranus) vii. 359.
 — (Pelecanus) vi. 193.
 gigas (Ægialitis) vii. 479.
 — (Charadrius) vii. 479.
 giglioli (Emberiza) iv. 208.
 ginginianus (Neophron) v. 392, 396.
githaginea (Erythrospiza) iv. **85**.
 githaginea (Fringilla) iv. 85.
 githaginea (Pyrrhula) iii. 292.
 — iv. 85.
 githagineus (Bucanetes) iv. 85.
 — (Carpodacus) iii. 384.
 — iv. 85.
 — (Erythrothorax) iv. 85.
 — (Serinus) iv. 85.
giu (Scops) v. 327, **329**, 333,
 334, 335.
 giu (Strix) v. 329.
 glacialis (Alauda) iv. 387.
 — (Alca) viii. 557.
 — (Anas) vi. 617, 653.
 — (Carbo) vi. 151.
 — (Cephus) viii. 587.
 — (Clangula) vi. 617.
glacialis (Colymbus) .. viii. **609**,
 613.
 glacialis (Crymonessa) vi. 617.
 — (Emberiza) iv. 261.
 — (Eudytes) viii. 609.
 — (Fraterecula) viii. 599, 602, 603.
 — (Fuligula) vi. 617.
glacialis (Fulmarus) viii. 533,
535, 536, 539, 542.
 glacialis (Glaucus) viii. 439.
glacialis (Harelda) .. vi. 568, 569,
 615, **617**, 623.
 glacialis (Larus) viii. 433.
 — (Montifringilla) ii. 617.
 — (Mormon) viii. 599.
 — (Phalacrocorax) vi. 151.
 — (Phalaropus) vii. 605.
 — (Platypus) vi. 617.
 — (Procellaria) viii. 535.
 — (Tringa) vii. 605.
 — (Uria) viii. 587.
 Glandarius iv. 479.
 — germanicus iv. 481.
 — leucocephalus iv. 481.
 — pictus iv. 481.
 — robustus iv. 481.
 — septentrionalis iv. 481.
 — tæniurus iv. 481.
glandarius (Coccystes) .. v. 217,
219, 221, 222.
 glandarius (Coccysus) v. 219.
 — (Corvus) iv. 481.
 — (Cuculus) v. 219.
glandarius (Garrulus) iv. 463, 465,
 479, **481**, 483, 487, 488, 489, 491,
 492, 495, 496, 497, 500, 505.
 — v. 210.
 glandarius (Lanius) iv. 481.
 — (Oxylophus) v. 219.
 —, var. (Garrulus) iv. 495.
 —, var. severtzoffii (Garrulus) .. iv. 488.
Glareola vii. **409**.
 Glareola, var. vii. 419.
 — austriaca vii. 411.
 — lactea vii. 477.
 — limbata vii. 411.
Glareola melanoptera .. vii. 413,
 414, 415, 417, **419**, 420.
 Glareola nævia vii. 411.
 — nordmanni vii. 415, 419.
 — orientalis vii. 415.
 — pallasii vii. 419.
Glareola pratincta . vii. 409, **411**,
 414, 416, 419, 420, 421.
 — viii. 154, 414.
 Glareola torquata vii. 253, 411.
 glareola (Actitis) viii. 143.
 — (Pratincola) vii. 411.
glareola (Totanus) iv. 463,
 vii. 458,
 viii. **143**, 144, 154, 181, 198, 199.
 glareola (Tringa) viii. 143.
 Glareolidae vii. 409.
 glareoloides (Totanus) viii. 143.
Glaucidium v. **347**, 350.
 — **passerinum** v. 347,
349, 350.
 Glaucidium pumilum v. 354.
 Glaucion vi. 587, 595.
 — clangula vi. 595.
 — islandicum vi. 603.
 glaucion (Anas) vi. 581, 595.
glaucion (Clangula) .. vi. 561, 587,
595, 603, 604.
 glaucion (Anas) vi. 595.
 — &c. (Anas) vi. 565.
 — minus (Anas) vi. 573.
 glaucogaster (Bernicla) vi. 389.
 glaucoides (Laroides) viii. 439.
 — (Larus) viii. 439.
 glauconotos (Columba) vii. 11.
 glauconotus (Peristera) vii. 39.
 glaucopsis (Aquila) v. 449, 451.
 — (Falco) v. 449.
 glaucops (Strix) v. 237, 240.
 Glaucopterix v. 413.
 glaucopteros (Querquedula) vi. 513.
 Glaucopteryx cinerascens v. 423.
 — pallidus v. 441.
 glaucopus (Charadrius) vii. 443.
 Glaucus viii. 355.
 — argentatoides viii. 400.
 — argentatus viii. 400.
 — audouini viii. 395.
 — consul viii. 433.
 — glacialis viii. 439.
 — leucophæus viii. 411.
 — leucopterus viii. 439.
 — michahellesii viii. 411.
 glaucus (Laroides) viii. 433.

glaucus (Larus) . viii. 399, 429, 432, **433**, 439, 440, 441, 442, 451, 584.
 glaucus (Leucus) viii. 433.
 — (Plautus) viii. 433.
glaux (Athene) v. **367**, 368.
 glaux (Carine) v. 333, 367.
 — (Noctua) v. 367.
 glocitans (Anas) vi. 509, 521, 523.
 — (Mareca) vi. 521.
 — (Querquedula) vi. 521.
 Glottis viii. 125.
 — canescens viii. 173.
 — chloropus viii. 173.
 — floridanus viii. 173.
 — horsfieldii viii. 173.
 — natans viii. 173.
 — nivigula viii. 173.
 — vigorsii viii. 173.
 glottis (Limicola) viii. 173.
 — (Totanus) viii. 153, 154, 155, 173, 199.
 glottoides (Limosa) viii. 173.
 — (Totanus) viii. 173.
 Glycispina iv. 149.
 — cæsia iv. 213.
 — hortulana iv. 185.
 goliath (Ardea) vii. 535.
 goliath (Daulias) ii. 361.
 — (Luscinia) ii. 371.
 gouldi (Budytes) iii. 261.
 — (Haliplana) viii. 307.
 — (Pandion) vi. 139.
 — (Sterna) viii. 307.
 gouldii (Picus) v. 22, 23, 25.
 — (Turdus) ii. 95.
 goureyi (Petrocosyphus) ii. 129.
 govinda (Milvus) v. 485.
 grabæ (Mormon) viii. 599.
 Graculus vi. 149.
 — carboides vi. 151.
 gracilis (Ægialitis) vii. 491.
 — (Charadrius) vii. 491.
 — (Corydalla) iii. 317.
 — (Cuculus) v. 219.
gracilis (Drymœca) . iii. 11, **13**, 14.
 gracilis (Drymoica) iii. 13.
 — (Falco) vi. 74.
 — (Gallinula) vii. 267.
 — (Malurus) iii. 13.
 — (Otus) v. 251.
 — (Phyllopneuste) ii. 491.
 — (Prinia) iii. 13.
 — (Saxicola) ii. 239.
 — (Sterna) viii. 273, 276.
 — (Suya) iii. 13.
 — (Sylvia) iii. 13.
 — (Turdus) ii. 35.
 Gracula iv. 421, 435.
 — pyrrhocorax iv. 437.

Gracula rosea iv. 423.
 Graculus iv. 435.
 — africanus vi. 169, 227.
 — carbo vi. 156.
 — carboides vi. 151.
 — coronatus vi. 169.
 — cristatus vi. 163.
 — desmarestii vi. 163.
 — eremita iv. 437.
 — linnæii vi. 163.
 — lucidus vi. 156.
 — medius vi. 151.
 — novæ-hollandiæ vi. 151.
 — pygmæus vi. 173.
 — sinensis vi. 151.
 graculus (Carbo) vi. 163.
 — (Corvus) iv. 437.
 — (Halieus) vi. 163.
 — (Fregilus) iv. 437.
 — (Pelecanus) vi. 163.
graculus (Phalacrocorax) . vi. 154, **163**, 184.
 graculus (Procellaria) vi. 163.
graculus (Pyrrhocorax) . . iv. 435, **437**, 446, 447, 448.
 graculus, var. brachypus (Fregilus) iv. 437.
 —, var. orientalis (Fregilus) . . . iv. 437.
 græca (Caccabis) vii. 93.
 — (Chacura) vii. 93.
 —, var. (Chacura) vii. 97.
 — (Perdix) vii. 93, 97.
 græcus (Falco lanarius) vi. 51.
 — (Totanus) viii. 157.
 Grallæ vii. 255.
 grallarius (Larus) viii. 389.
 — (Oedinemus) vii. 407.
 — (Vanellus) vii. 531.
 grallatoris (Totanus) viii. 143.
 — (Tringa) viii. 143.
 Graminicola bengalensis iii. 6.
 graminis (Hypolais) ii. 507.
 Granativora melanocephala iv. 151.
 granativora (Emberiza) iv. 151.
 grandinis (Anser) vi. 413.
 grandior (Alauda) iii. 317.
 grandis (Bubo) v. 339.
 — (Gypæetus) v. 401.
 — (Nisaetus) v. 575.
 — (Ruticilla) ii. 305.
 — (Spizaetus) v. 575.
 Granitivora iv. 149.
 granorum (Corvus) iv. 551.
 Grauculus vi. 149.
 — carboides vi. 151.
 gravis (Procellaria) viii. 527.
 grayii (Cisticola) iii. 6.
gregaria (Chettusia) vii. 525, **527**.
 gregaria (Rissa) viii. 447.
 — (Tringa) viii. 203.

gregarius (Charadrius) vii. 527.
 — (Vanellus) vii. 527, 540.
 grenovicensis (Tringa) viii. 87.
 grisea (Ardea) vi. 269.
 — (Arenaria) viii. 101.
 — (Calidris) viii. 101.
 — (Curruca) ii. 429.
 — (Hydrochelidon) viii. 315.
 — (Limnodromus) viii. 187.
 — (Limosa) viii. 187.
 — (Procellaria) viii. 523, 524.
 — (Saxicola œnanthe) ii. 187.
 — (Scolopax) viii. 187.
 — (Squatarola) vii. 455.
 — (Sterna) viii. 315.
 — (Sylvia) ii. 411.
 — (Tringa) viii. 77.
 — (Tringa calidris) viii. 77.
 — (Vitiflora) ii. 187.
 griseiceps (Saxicola) ii. 189.
 griseigena (Colymbus) viii. 639.
griseigena (Podiceps) . . viii. 633, 635, **639**, 643.
 griseigena, var. holböllii (Podiceps) viii. 639.
 griseiventris (Falco) vi. 31.
 — (Pyrrhula) iv. 99.
 griseo-alba (Ardea) vi. 251.
 griseocapilla (Curruca orphea) . . . ii. 411.
 griseogularis (Perdix) vii. 117.
 griseola (Muscicapa) iii. 447.
 griseorufescens (Corydalla) iv. 200.
 grisescens (Parus) iii. 129.
 griseus (Charadrius) vii. 475.
 — (Euplectes) iii. 611.
griseus (Macrorhamphus) viii. 185, **187**, 191.
 — (**Nycticorax**) vi. 128, 243, 267, **269**, 272.
 griseus (Oedinemus) vii. 401.
 — (Phalaropus) vii. 605.
griseus (Puffinus) viii. **523**, 528, 529, 531.
 griseus (Totanus) viii. 173.
grisola (Muscicapa) . . . ii. 359, 514, iii. 445, **447**, 456, 484, v. 210, vi. 109.
 groenlandica (Uria) viii. 581.
 groenlandicus (Falco) vi. 21.
 — (Grylle) viii. 581.
 — (Haliaëtos) v. 551.
 — (Haliaëtos albicilla) v. 551.
 — (Lagopus) vii. 175.
 — (Plectrophanes) iv. 253.
 Gruidæ vii. 335.
Grus vii. **335**, 339, 350.
 Grus antigone vi. 64, vii. 335.
 — canadensis vii. 344.

- Grus cineracea* vii. 337.
 — *cinerea* vi. 64.
 vii. 337, 339, 351.
 — *cinerea longirostris* vii. 337, 343.
Grus communis vii. 335, **337**,
 351, 354, 356, 357.
Grus fraterculus vii. 344.
 — *gigantea* vii. 359.
 — *leucogerana* vii. 359.
 — *leucogeranos* vii. 359.
Grus leucogeranus .. vii. 335, **359**,
 363.
 — **virgo** vii. 342, **353**,
 355, 356.
Grus vulgaris vii. 337.
grus (*Ardea*) vii. 337.
Grylle viii. 579.
 — *columba* viii. 581.
 — *groenlandicus* viii. 581.
 — *mandtii* viii. 587.
 — *scapularis* viii. 581.
grylle (*Cephus*) viii. 581.
 — (*Colymbus*) viii. 581.
***grylle* (*Uria*)** vi. 184, 652.
 viii. 579, **581**, 583, 584, 585,
 586, 587, 588.
grylle mandtii (*Uria*) viii. 587.
gryllus (*Colymbus*) viii. 581.
guarauna (*Plegadis*) vi. 339.
guatemalæ (*Strix*) v. 240.
Guinetta viii. 125.
 — *hypoleuca* viii. 127.
guinetta (*Totanus*) viii. 127.
 — (*Tringa*) viii. 127.
 — (*Trynga*) viii. 127, 151.
gularis (*Hirundo*) iv. 603.
 — (*Podiceps*) viii. 659.
 — (*Tachybaptus*) viii. 659.
 — (*Turdus*) ii. 167.
gulgula (*Alauda*) .. iv. 285, 310, 312, 313.
gulo (*Merganser*) vi. 685.
 — (*Mergus*) vi. 685.
gurneyi (*Accipiter*) v. 633.
guttata (*Nucifraga*) iv. 451.
 — (*Sterna*) viii. 307.
 — (*Strix*) v. 237.
 — (*Strix flammea*) v. 237.
guttatus (*Caryocatactes*) iv. 451.
 — (*Planetis*) viii. 307.
 — (*Pterocles*) vi. 56.
 vii. 534.
 — (*Scotæus*) vi. 270.
 — (*Sturnus*) iv. 405.
gutturalis (*Bessonornis*) ii. 347.
***gutturalis* (*Cossypha*)** ii. 345,
 347, 348, 351.
gutturalis (*Cypselus*) iv. 603.
 — (*Hirundo*) iii. 477, 479.
 — (*Microopus*) iv. 603.
gutturalis (*Saxicola*) ii. 215, 218.
gutturæ nigro (*Mergus*) viii. 615.
 — *rubro* (*Mergus*) viii. 621.
Gydaëtes v. 479.
 — *nudipes* v. 481.
gymnocyclus (*Columba*) .. vii. 11, 16, 21.
gymnopus (*Aquila*) v. 481.
Gypaetos iv. 564.
 v. 409.
 — *barbatus* v. 411.
Gypaëtus v. 371, **399**, 403.
Gypaëtus alpinus v. 401.
 — *altaicus* v. 401.
 — *aureus* v. 401.
Gypaëtus barbatus .. v. 384, 399,
 401, 404, 405, 406, 408.
Gypaëtus barbatus occidentalis v. 401.
 — *castaneus* v. 401.
 — *grandis* v. 401.
 — *hemachalanus* v. 401.
 — *melanocephalus* v. 401.
 — *meridionalis* v. 407.
 — *nudipes* v. 407.
 — *occidentalis* v. 401, 404, 405.
 — *orientalis* v. 401.
Gyps v. **371**, 381.
Gyps albicollis v. 373, 380.
 — *bengalensis* v. 386.
 — *cinereus* v. 383.
 — *fulvescens* v. 377.
Gyps fulvus v. 371, **373**, 377,
 380, 381, 385, 386, 393, 395,
 406, 408.
 vii. 388.
Gyps himalayensis v. 380.
 — *hispaniolensis* v. 373, 380.
 — *indicus* iv. 200.
 — *kolbi* v. 377.
 — *occidentalis* v. 373.
 — *vulgaris* v. 373.
Gyptus v. 399.
gyrfalco (*Accipiter*) vi. 15.
***gyrfalco* (*Falco*)** vi. **15**, 18, 21,
 23, 24, 26, 28, 29.
gyrfalco (*Hierofalco*) vi. 15, 21.
 —, var. (*Falco*) vi. 18.
 — *islandicus* (*Accipiter*) vi. 25.
 — *islandicus* (*Falco*) vi. 25.
 — *norwegicus* (*Falco*) vi. 15.
 —, var. *sacer* (*Falco*) vi. 15.
 —, var. *sacer* (*Hierofalco*) vi. 15.
gyrofalco (*Falco*) vi. 15.
habessinicus (*Phylloscopus*) ii. 495.
habrycidus (*Podiceps*) viii. 659.
Hæmatopus iv. 548.
 vii. **565**.
 viii. 485.
Hæmatopus balthicus vii. 567.
Hæmatopus capensis vii. 567.
 — *hypoleuca* vii. 567.
 — *longirostris* vii. 567, 571.
 — *macrorhynchus* vii. 567.
 — *orientalis* vii. 567.
 — *osculans* vii. 567.
Hæmatopus ostralegus .. vii. 565,
 567.
Hæmatopus palliatus vii. 573.
hæmatopus (*Gallinula*) vii. 317.
 — (*Ostralegus*) vii. 567.
hæmatopygia (*Montifringilla*) iv. 397.
Hæmatornis iii. 351.
 — *lugubris* iii. 353.
Hæmorhous iv. 67.
 — *roseus* iv. 75.
hæsitata (*Æstrelata*) viii. 545.
***hæsitata* (*Æstrelata*)** viii. 543,
 545.
hæsitata (*Procellaria*) viii. 545.
hæsitatus (*Numenius*) viii. 227, 245.
hafizi (*Daulius*) ii. 361, 366, 371.
Halcyon v. **131**, 151.
Halcyon saturator v. 133, 135.
 — *senegalensis* v. 131.
Halcyon smyrnensis v. 116,
 128, 131, **133**, 134, 135, 150.
haliaëtus (*Aquila*) vi. 139.
Haliaëtus v. 543.
 — *albicilla* v. 551.
 — *albicilla borealis* v. 551.
 — *albicilla funereus* v. 551.
 — *albicilla germanicus* v. 551.
 — *albicilla groenlandicus* v. 551.
 — *albicilla islandicus* v. 551.
 — *albicilla orientalis* v. 551.
 — *borealis* v. 551.
 — *cinereus* v. 551.
 — *funereus* v. 551.
 — *groenlandicus* v. 551.
 — *islandicus* v. 551.
 — *leucocephalus* v. 551.
 — *orientalis* v. 551.
Haliaëtus v. **543**.
 — **albicilla** ii. 282.
 v. 543, **551**, 559.
Haliaëtus albipes v. 545.
 — *brooksi* v. 551.
 — *fulviventor* v. 545.
 — *lanceatus* v. 545.
 — *leucocephalus* v. 559.
 — *leucorypha* v. 545.
Haliaëtus leucoryphus .. v. **545**.
Haliaëtus macei v. 545.
 — *nisus* v. 551.
 — *pelagicus* v. 551.
 — *unicolor* v. 545.
haliaëtus (*Accipiter*) vi. 139.
 — (*Aquila*) vi. 139.

haliaëtus (Balbusardus) vi. 139.
 — (Falco) vi. 139.
haliaëtus (Pandion) v. 559.
 vi. 137, **139**.
 haliaëtus, var. carolinensis (Pandion)
 vi. 139, 148.
 Haliaëus africanus vi. 169.
 — algeriensis vi. 173, 175.
 — javanicus vi. 173.
 — melanognathus vi. 173.
 — niger vi. 173.
 — pygmæus vi. 173.
 Halieus vi. 149.
 — africanus vi. 169.
 — carbo vi. 151.
 — cormoranus vi. 151.
 — graculus vi. 163.
 — pygmæus vi. 169, 173.
 Haliplana viii. 253, 307.
 — fuliginosa viii. 307.
 — fuliginosa, var. crissalis viii. 307.
 — gouldi viii. 307.
 — infuscata viii. 307.
 — serrata viii. 307.
 halophila (Saxicola) ii. 219, 220, 221.
 hamata (Nucifraga) iv. 451.
 hamburgensis (Pyrrhula) iii. 597.
 hamburgia (Loxia) iii. 597.
 hancii (Oreocincla) ii. 77.
 hardwickii (Limosa) viii. 87.
 hardyi (Lestris) viii. 481.
Harelda vi. 607, **615**, 627.
 — **glacialis** vi. 568, 569, 615,
617, 623.
 Harelda histrionica vi. 609.
 — stelleri vi. 649.
 harengorum (Laroides) viii. 421.
 hartlaubi (Limicola) viii. 3.
 hasita (Procellaria) viii. 545.
 hasitata (Procellaria) viii. 545.
 hastata (Aquila) ii. 473.
 v. 492, 498, 503.
 hastatus (Numenius) viii. 241.
 hebridus (Podiceps) viii. 659.
 hebridialis (Podiceps) viii. 659.
 hebridicus (Colymbus) viii. 659.
 hectori (Podiceps) viii. 629, 635.
 Hedymela iii. 445.
 heinei (Calandritis) iv. 344.
 — (Larus) viii. 381, 384, 385.
 heineken (Curruca) ii. 424.
 helebi (Recurvirostra) vii. 577.
 helena (Curruca orphea, var.) ii. 411,
 414.
 helevi (Recurvirostra) vii. 577.
 heliaca (Aquila) v. 517, 520,
 521, 526.
 Helodromas viii. 125, 135.
 Helopus viii. 253.
 — caspius viii. 289.

helvetica (Squatarola) .. vii. 449,
 453, **455**, 462, **465**.
 viii. 39.
 helvetica (Tringa) vii. 455.
 helveticus (Charadrius) vii. 455.
 — (Vanellus) vii. 455.
 hemachalanus (Gypaetus) v. 401.
 hemilasius (Buteo) v. 467.
 hemileucurus (Collyrio) iii. 381.
hemileucurus (Lagopus) . vii. 162,
 163, **179**, 180.
 hemileucurus (Lanius) iii. 381, 382.
 Hemipodius vii. 247.
 — lunatus vii. 249.
 — tachydromus vii. 249.
 Hemiprocne iv. 611.
 — leuconotus iv. 613.
 hemirhynchus (Numenius) viii. 245.
 hemispila (Nucifraga) iv. 452.
 hemprichi (Larus) viii. 356, 391.
hemprichii (Pratincola) .. ii. 265,
 266, 269, **273**.
 hemprichii (Pratincola rubicola) .. ii. 273.
 — (Saxicola) ii. 273.
 hendersoni (Falco) vi. 59, 63.
 vii. 80.
 — (Locustella) ii. 613, 614.
 — (Saxicola) ii. 211.
 hendersonii (Lusciniopsis).... ii. 617, 619.
 Heniconetta vi. 627, 654.
 — stelleri vi. 649.
 henrici (Francolinus) vii. 123.
 hepaticus (Cuculus) v. 199, 200.
 —, var. (Cuculus) v. 215.
 hepburniæ (Perdix) vii. 123.
 herbæcola (Falco) v. 441.
 herbarum (Anthus) iii. 309.
 — (Crex) vii. 291.
 — (Piculus) v. 53.
 hermonensis (Alauda) iv. 310, 343.
 — (Calandrella) .. iv. 341, 343, 345, 346.
 Herodias vi. 205.
 — alba vi. 231, 241.
 — brevisrostris vi. 231.
 — bubulcus vi. 245, 247.
 — candida vi. 231.
 — egretta vi. 231.
 — egretta, var. californica vi. 238.
 — garzetta vi. 239.
 — immaculata vi. 243.
 — jubata vi. 239.
 — lateifii vi. 231.
 — russata vi. 245.
 — syrmatophorus vi. 231, 235.
 — torra vi. 231, 237.
 herodias (Ardea) vi. 208.
 Herodii vi. 205.
 heteroclitia (Syrhaptes) vii. 75.
 Heteroclitus vii. 73.
 — tartaricus vii. 75.

Heteropoda semipalmata viii. 56.
 Heterops iv. 283.
 — cristatus iv. 285.
 Heteropygia viii. 9.
 Heterura sylvana v. 210.
 heuglini (Larus) viii. 417.
 — (Saxicola) ii. 191.
 heuglinii (Circus) v. 415.
 heyi (Ammoperdix) vii. 115, 119.
 Hiaticula vii. 473.
 — annulata vii. 497.
 — arabs vii. 497.
 — cantiana vii. 483.
 — columbina vii. 475.
 — curonica vii. 491.
 — elegans vii. 483.
 — geoffroyi vii. 475.
 — hiaticula vii. 497.
 — philippina vii. 491.
 — pusilla vii. 491.
 — simplex vii. 491.
 — torquata vii. 497.
hiaticula (Ægialitis) . vii. 473, 481,
 488, 492, 494, 495, 496, **497**, 505.
 viii. 107.
 hiaticula (Charadrius) vii. 491, 497.
 viii. 199.
 — (Hiaticula) vii. 497.
 hiaticuloides (Ægialites) vii. 497.
 — (Charadrius) vii. 491.
 hiemalis (Anthus) iii. 335.
 — (Clangula) vi. 617.
 — (Colymbus) viii. 609.
 — (Corvus) iv. 531.
 — (Corvus corone) iv. 531.
 — (Pica) iv. 509.
 — (Plectrophanes) iv. 261.
 — (Procellaria) viii. 535.
 Hieracidea novæ zealandiæ v. 627.
 Hierapterina iv. 381.
 — cavaignacii iv. 383.
 Hierococyx sparveroides v. 204.
 Hierofalco vi. 13.
 — candicans vi. 21.
 — gyrfalco vi. 15, 21.
 — gyrfalco, var. sacer vi. 15.
 — holbelli vi. 25.
 — islandicus vi. 25.
 — lanarius vi. 59.
 — saker vi. 59.
 himalayana (Certhia) iii. 202.
 — (Loxia) iv. 129, 130, 134.
 — (Sitta) iii. 179.
 himalayanus (Cuculus) v. 204.
 — (Fregilus) iv. 497, 441.
 — (Picus) v. 22.
 himalayensis (Gyps) v. 380.
 — (Picus) v. 22.
 — (Regulus) ii. 451, 453, 466.
 — (Sitta) iii. 176.

- himalayensis (Tetraogallus) vii. 235,
238, 242.
- Himantopus** vii. **585**, 587.
- Himantopus albicollis vii. 587.
- asiaticus vii. 587.
- atropiterus vii. 587.
- autumnalis vii. 587, 593.
- brasiliensis vii. 594.
- brevipes vii. 587.
- Himantopus candidus** vii. 585,
587, 594.
- Himantopus europæus vii. 587.
- intermedius vii. 587.
- leucocephalus vii. 587, 594.
- longipes vii. 587.
- melanocephalus vii. 587.
- melanopterus vii. 587.
viii. 154.
- minor vii. 587, 591.
- nigricollis vii. 587, 594.
- novæ-zelandiæ vii. 594.
- plinii vii. 587.
- rufipes vii. 587.
- vulgaris vii. 587.
- himantopus (Charadrius) vii. 587, 593.
- (Hypsibates) vii. 587.
- (Micropalama) viii. 189.
- hinularia (Pygargus) v. 551.
- hinularius (Falco) v. 551.
- Hippolais ii. 515.
- alticeps ii. 521.
- elæica ii. 537.
- media ii. 521.
- planiceps ii. 521.
- salicaria ii. 517, 521.
- upcheri ii. 535.
- hippolais (Motacilla) ii. 411, 521.
- (Muscipeta) ii. 521.
- (Phyllopneuste) ii. 485.
- (Regulus) ii. 485.
- (Sylvia) ii. 485, 521, 522, 524.
iii. 410.
- Hiraëtus v. 479.
- pennatus v. 481.
- hirsuta (Tridactylia) v. 69.
- hirsutus (Picoides) v. 67, 72.
- (Picus) v. 69.
- Hirundapus iv. 611, 613.
- caudacuta iv. 613.
- ciris iv. 613.
- nudipes iv. 613.
- Hirundinidæ iii. 471.
- hirundinum (Falco) vi. 69.
- Hirundo** iii. **471**, 493, 503, 517.
vii. 581, 611, 619,
vii. 409.
- Hirundo alpestris iii. 487.
- alpina iv. 603.
- apos iv. 583.
- apus iv. 583.
- Hirundo boissoneautii iii. 473, 477.
- boissoneautii latirostris iii. 473.
- boissoneautii microrhynchos iii. 473.
- boissoneautii minor iii. 473.
- cahirica iii. 473, 475, 477.
- capensis iii. 487.
- caprimulgus iv. 621.
- castanea iii. 473.
- caudacuta iv. 613.
- cinerea iii. 505.
- ciris iv. 613.
- daurica iii. 487, 488, 489.
- domestica iii. 477.
- erythrogaster iii. 480.
- erythrogygia iii. 488, 489, 490.
- fretensis iii. 477, 483.
- fusca iv. 613.
- gularis iv. 603.
- gutturalis iii. 477, 479.
- horreorum iii. 478, 479, 480, 483.
- inornata iii. 513.
- javanica iii. 477, 479.
- jewan iii. 477.
- melanocrissa iii. 498.
- melba iv. 603.
- minor iii. 495.
- montana iii. 513.
- panayana iii. 477.
- pratincola vii. 411.
- riocouri iii. 473, 475, 477.
- riparia iii. 488, 505.
- Hirundo rufula** ii. 349, 415.
iii. 185, **487**, 488, 489, 490,
491, 515, 518.
iv. 595.
- Hirundo rupestris iii. 513, 514.
- rupicola iii. 513.
- Hirundo rustica** iii. 471, 473, 474,
475, **477**, 478, 479, 480, 483, 488,
490, 491, 493, 495, 498, 515, 518.
v. 161, 210.
vi. 78.
viii. 502.
- Hirundo rustica orientalis iii. 474, 477.
- rustica, var. orientalis iii. 473.
- rustica, var. savignyi iii. 473.
- Hirundo savignii** iii. **473**, 474,
475, 478, 479, 480, 482, 485.
- Hirundo spinicauda iv. 613.
- tytleri iii. 479, 480.
- urbica iii. 488, 490, 491, 495, 515, 517.
vi. 78.
- urbica candida iii. 495.
- urbica pallida iii. 495.
- urbica varia iii. 495.
- hirundo (Hydrocecropis) viii. 263.
- hirundo (Sterna)** viii. 254, **255**,
257, 261, 263, 268, 270, 338,
378, 379, 478.
- hispanica (Pyrgita) iii. 593.
- hispaniolensis (Fringilla) iii. 593.
- (Gyps) v. 373, 380.
- hispaniolensis (Passer)** iii. 585,
586, 589, 592, **593**.
v. 429, 487, 488.
- hispaniolensis (Pyrgita) iii. 593.
- hispida (Alcedo) v. 113.
- histrionica (Anas) vi. 609.
- (Bucephala) vi. 609.
- (Clangula) vi. 609.
- histrionica (Cosmonetta)** vi. 607,
609, 613.
- histrionica (Fuligula) vi. 609.
- (Harelda) vi. 609.
- (Phylaconetta) vi. 609.
- Histrionicus vi. 607, 609, 613.
- minutus vi. 613.
- torquatus vi. 609, 613.
- histrionicus (Platypus) vi. 609.
- hoactli (Ardea) vi. 269.
- hobara (Otis) vii. 391.
- hodgsoni (Certhia) iii. 195, 198, 200.
(Turdus) ii. 3, 7.
- holbölli (Acanthis) iv. 37.
- (Falco) vi. 25, 29.
- (Hierofalco) vi. 25.
- (Podiceps) viii. 639, 641.
- holboëlli (Aegiothus) iv. 37.
- (Linaria) iv. 37.
- hollandiæ (Sturnus) iv. 405.
- homalura (Cisticola) iii. 3, 6.
- homeyeri (Ægialitis) vii. 483.
- (Aythya) vi. 551.
- (Fuligula) vi. 551.
- homoehroa (Saxicola) ii. 215, 218.
- Hoplopterus** vii. **537**, 539, 540.
- Hoplopterus armatus vii. 539.
- persicus vii. 539.
- Hoplopterus spinosus** vii. 522,
529, 537, **539**, 540.
- hordei (Emberiza) iv. 205.
- hornemanni (Linota)** iv. 39, 42,
44, 51, 52, **55**, 56.
- hornotinus (Accipiter falco) vi. 31.
- (Falco) vi. 31.
- hornschuchii (Melanitta) vi. 657.
- (Edemia) vi. 657.
- horreorum (Hirundo) iii. 478, 479,
480, 483.
- horsfieldi (Turdus) ii. 81.
- horsfieldii (Glottis) viii. 173.
- hortensis (Adornis) ii. 429.
- (Chloris) iii. 567.
- (Curruca) ii. 429.
- (Motacilla) ii. 429.
- (Ruticilla) ii. 277.
- (Sylvia) ii. 375, 429.
- hortorum (Piculus) v. 53.

- hortorum (Picus) v. 53.
 hortulana (Citrinella) iv. 185.
hortulana (Emberiza) .. iv. **185**,
 214.
 v. 210.
 hortulana (Euspiza) iv. 185.
 — (Glycispina) iv. 185.
 Hortulanus iv. 149, 251.
 — caesius iv. 213.
 — chlorocephalus iv. 185.
 — montanus iv. 253.
hortulanus (Serinus) iii. 537,
 538, 547, **549**, 555, 557.
 v. 210.
 hortulanus arundinaceus (Emberiza) iv. 241.
 hortulorum (Serinus) iii. 549.
 Houbara vii. 367, 391.
 — macqueeni vii. 395.
 — undulata vii. 391.
 houbara (Atix) vii. 391.
 — (Chlamydotis) vii. 391.
 — (Otis) vii. 391, 395, 396.
 bringvia (Uria) viii. 567.
 hrota (Anas) vi. 397.
 hudsonia (Strix) v. 309.
 hudsonias (Ardea) v. 289.
 hudsonica (Limosa) viii. 213.
 — (Motacilla) iii. 331.
 — (Pica) ii. 182.
 iv. 509, 511, 517.
 — (Strix) v. 312.
 — (Tringa) vii. 555.
 hudsonicus (Cleptes) iv. 509.
 — (Numenius) viii. 221, 232, 245.
 hudsonis (Strix freti) v. 309.
 hudsonius (Circus) v. 437, 438.
 — (Corvus) iv. 509.
 humilirostris (Phalacrocorax) vi. 151.
 hungariae (Merops) v. 155.
 hutchinsi (Bernicla) vi. 393.
 hutchinsii (Larus) viii. 433, 438.
 huttoni (Emberiza) iv. 200, 214.
 hyacinthinus (Porphyrio) vii. 299,
 302, 303.
 Hyas vii. 519, 521.
 — aegyptia vii. 521.
 — aegyptiaca vii. 521.
 hybrina (Anas) vi. 589.
 — (Gavia) viii. 381.
 hybernus (Larus) viii. 381.
hybrida (Hydrochelidon) . vii. 413.
 viii. **315**, 632.
 hybrida (Luscinia) ii. 369.
 — (Pelodes) viii. 315.
 — (Sterna) viii. 315.
 Hydemela atricapilla iii. 453.
 Hydronia vii. 297.
 — porphyrio vii. 307.
 Hydrobata ii. 165.
 — albicollis ii. 181.
 Hydrobata cinclus ii. 167.
 Hydrobates viii. 489.
 — faeroeensis viii. 491.
 — leachii viii. 497.
 — pelagica viii. 491.
 — pelagicus viii. 491.
 Hydrocecropis viii. 253.
 — dougalli viii. 273.
 — hirundo viii. 263.
Hydrochelidon viii. 253, **313**.
 Hydrochelidon delalandii viii. 315.
 — fissipes vii. 413.
 viii. 327, 632.
 — fluviatilis viii. 315, 318.
 — fuliginosum viii. 307.
 — grisea viii. 315.
Hydrochelidon hybrida . vii. 413.
 viii. **315**, 632.
 Hydrochelidon indica viii. 315.
 — infuscata viii. 307.
 — javanica viii. 315, 321.
 — lariformis viii. 327.
 — leucogenys viii. 315.
 — leucopareia viii. 315.
 — leucopareja viii. 315.
Hydrochelidon leucoptera .. viii.
 319, **321**, 328, 331, 332.
 Hydrochelidon leucoptera viii. 321.
 — meridionalis viii. 315.
 — niger viii. 321, 324.
Hydrochelidon nigra viii. 313,
 316, 319, 321, 324, **327**.
 Hydrochelidon nigricans viii. 327.
 — nigrum viii. 327.
 — nilotica viii. 315.
 — obscura viii. 327.
 — pallida viii. 327.
 — plumbea viii. 327, 332.
 — similis viii. 315.
 — subleucoptera viii. 321.
 — surinamensis viii. 327.
 Hydrocolæus viii. 355.
 — minutus viii. 373.
 Hydrocorax vi. 149.
 — carbo vi. 151.
 — cristatus vi. 163.
 — niger vi. 173.
 — pygmaeus vi. 173.
 — sinensis vi. 151.
 Hydrogallina vii. 311.
 Hydroictinia v. 641, 651.
 — parasitica v. 657.
 hydrophilos (Calamoherpe) ii. 567.
 Hydroprogne viii. 253, 289.
 Hydronia vii. 297.
 — alleni vii. 307.
 — porphyrio vii. 307.
 hyemalis (Anas) vi. 595, 617.
 — (Trogodytes) iii. 223.
 — (Turdus) ii. 68.
 Hylæspiza iv. 149.
 — cia iv. 205.
 hylebata (Phylloscopus) ii. 509.
 hyperborea (Anas) vi. 413.
 — (Chen) vi. 413.
 — (Lagopus) vii. 179.
 — (Lobipes) vii. 597.
 — (Tringa) vii. 597, 599.
 hyperboreas (Lobipes) vii. 605.
 hyperboreus (Anser) vi. 409, 410,
 411, 413.
hyperboreus (Chen) v. 539.
 vi. 407, 409, 410, **413**.
 hyperboreus (Chenalopex) vi. 413.
 — (Lagopus) vii. 179.
hyperboreus (Phalaropus) .. vii.
 597, 599, 606, 607, 610, 611.
 hyperythra (Muscicapa) iii. 468.
 Hypocentor v. 149.
 — aureolus v. 223.
 — cinerea iv. 159.
 — rusticus iv. 229.
 hypogæus (Anthus) iii. 331.
Hypolais .. ii. 467, 512, **515**, 521,
 536, 542, 543, 545, 562, 564.
 Hypolais arizonis ii. 531, 532.
Hypolais caligata ii. 538, 539,
 541, 542, 559.
 Hypolais cinerascens ii. 531.
 — cinerascens et arizonis ii. 531.
 — elaica ii. 531, 535, 539, 542.
 — fuscescens ii. 531.
 — graminis ii. 507.
Hypolais icterina ii. 515, 517,
 518, **521**, 524, 530,
 533, 542, 562, 575.
 v. 210.
 — languida ii. **535**.
 — olivetorum ii. 416, **527**,
 528, 529, 530, 533,
 535, 536, 538, 539.
 iii. 418.
 — opaca ii. **531**, 538, 539.
 — pallida .. ii. 416, 517, 530, 531,
 535, 535, **537**, 538, 540, 542.
 — polyglotta .. ii. **517**, 521, 522,
 523, 524, 525, 529, 530, 532,
 536, 540, 543.
 v. 210.
 Hypolais preglia ii. 517.
 — rama ii. 538, 539, 542, 543, 562.
 — upcheri ii. 350.
 — verdati ii. 537.
 hypolais (Ficedula) ii. 517, 521, 523.
 — (Motacilla) ii. 521.
 — (Phyllopeuste) ii. 521.
 — (Sylvia) ii. 523.
 hypoleuca (Actitis) viii. 199.

- hypoleuca (Guinetta) viii. 127.
 — (Hæmatopus) vii. 567.
 — (Tringoides) viii. 127.
 hypoleucos (Actitis) viii. 127, 182.
 — (Elanus) v. 666.
hypoleucos (Totanus) .. viii. **127**.
 hypoleucos (Tringa) viii. 127, 133.
 hypoleucus (Accipiter) v. 563.
 — (Circaëtus) v. 563.
 — (Totanus) viii. 193, 198.
 hypomelanus (Charadrius) vii. 455.
 hypomelas (Charadrius) vii. 455.
 Hypotriorchis vi. 13.
 — æsalon vi. 83.
 — æsalon major vi. 83.
 — æsalon minor vi. 83.
 — concolor vi. 107.
 — eleonoræ vi. 103, 105, 107, 108.
 — lithofalco major vi. 83.
 — lithofalco minor vi. 83.
 — subbuteo vi. 69.
 Hypsibates vii. 585.
 — himantopus vii. 587.
 hyrcanus (Erithacus) ii. 332.
 — (Garrulus) iv. 491.
 Ianthea ii. 353.
 Ianthia ii. 348.
 — cyanura ii. 355.
 — rufilata ii. 355.
 Ibidæ vi. 327.
Ibis vi. **327**, 333.
 Ibis æthiopica vi. 327.
 — alba vi. 339.
 — bernieri vi. 331.
 — calva vi. 327, 331.
 — calvus vi. 329.
 — carunculata vi. 331.
 — castaneus vi. 335.
Ibis comata vi. 327, **329**.
 Ibis cristata vi. 331.
 — cuprea vi. 335.
 — erythrorhyncha vi. 335.
 — falcinellus vi. 335.
 — falcinellus, var. ordi vi. 336.
 — olivacea vi. 330.
 — ordi vi. 335.
 — papillosa vi. 327.
 — sacra vi. 335.
 ibis (Ardea) vi. 245, 250.
 — (Bubulcus) vi. 245, 247.
 — (Leptorodas) vi. 245.
 — (Numenius) vi. 335.
 — (Tantalus) vi. 245, 250.
 ichthyaëtus (Chroicocephalus) .. viii. 369.
 Ichthyaëtus v. 543.
 viii. 355.
 — leucoryphus v. 545.
 — pallasii viii. 369.
 ichthyaëtus (Kroikoccephalus) .. viii. 369.
ichthyaëtus (Larus) viii. **369**, 370.
 ichthyaëtus (Pandion) vi. 139.
 — (Xema) viii. 369.
 — minor (Larus) viii. 369.
 icterina (Ficedula) ii. 521.
icterina (Hypolais) .. ii. 515, 517,
 518, **521**, 524, 530,
 533, 542, 562, 575.
 v. 210.
 icterina (Phyllopeuste) ii. 521.
 — (Sylvia) ii. 491, 521.
 icterocephalos (Apiaster) v. 155.
 icterocephalus (Xanthocephalus) viii. 332.
 icterops (Sylvia) ii. 393.
ictinus (Milvus) v. 460, 641, **643**.
 idæ (Ardea) vi. 242.
 Iduna ii. 515.
 — caligata ii. 541.
 — salicaria ii. 541, 559.
 Ierax v. 597.
 — fringillarius v. 599.
ignavus (Bubo) v. 337, **339**.
 igneus (Falcinellus) vi. 335.
 — (Numenius) vi. 335.
 — (Tantalus) vi. 335.
 ignicapilla (Sylvia) ii. 459.
ignicapillus (Regulus).... ii. 455,
 458, **459**, 460, 465, 466.
 v. 210.
 ignipalliatu (Phœnicopterus) v. 349.
 ignotus (Colymbus) viii. 615, 621.
 — (Parus) iii. 285.
 iliaca (Sylvia) ii. 35.
 Iliacus ii. 1.
 — illas ii. 35.
 — minor ii. 35.
 — musicus ii. 19.
iliacus (Turdus) .. ii. **35**, 51, 95,
 124, 511.
 iv. 475.
 iliceti (Garrulus) iv. 491.
 Iliornis viii. 125.
 illas (Iliacus) ii. 35.
 illyricus (Buphus) vi. 251.
 — (Charadrius) vii. 401.
 imbricatus (Turdus) ii. 81.
 immaculata (Calandrella) iv. 341.
 — (Herodias) vi. 243.
 immer (Colymbus) viii. 609.
 immutabilis (Anthus) iii. 343.
immutabilis (Cygnus) .. vi. **429**,
 430.
 immutabilis (Cygnus olor) vi. 429.
impennis (Alca) viii. **563**.
 impennis (Chenalopex) viii. 563.
 — (Pinguinus) viii. 563.
 — (Plautus) viii. 563.
 imperialis (Aquila) v. 507, 517, 521,
 531, 533.
 imperialis (Falco) v. 521, 527.
 — (Vultur) v. 383.
 incerta (Chlorospiza) iv. 75, 81.
 — (Fringilla) iv. 75, 78, 81, 82.
 incertus (Falco) v. 587.
 vi. 3.
 indiana (Limosa) viii. 195.
 indica (Acanthyllis) iv. 615.
 — (Coracias) v. 149, 150.
 — (Hydrochelidon) viii. 315.
 — (Pelodes) viii. 315.
 — (Pratincola) .. ii. 263, 264, 265, 269.
 v. 210.
 — (Ruticilla) ii. 289.
 — (Strix) v. 238.
 — (Totanus) viii. 87.
 — (Upupa) v. 179, 183, 184.
 — (Viralva) viii. 315.
 indicus (Anser) vi. 360.
 — (Astur) v. 587.
indicus (Coracias) .. v. 139, **149**.
 indicus (Coturnix) vii. 143.
 — (Cuculus) v. 199.
 — (Gyps) iv. 200.
 — (Merops) v. 171.
 — (Edicnemus) vii. 401.
 — (Pandion) vi. 139.
 — (Passer) iii. 587, 595.
 — (Rallus) vii. 257, 261.
 — (Scolopax) vii. 615.
 — (Sturnus) iv. 405.
 indigena (Athene) v. 367.
 infausta (Pica) iv. 471.
 infaustus (Corvus) iv. 471.
 — (Garrulus) iv. 471.
 vi. 706.
 — (Lanius) ii. 129.
 iv. 471.
infaustus (Perisoreus) .. iv. 463,
 469, **471**, 475, 476.
 infumatus (Corvus) iv. 577.
 infuscata (Haliplana) viii. 307.
 — (Hydrochelidon) viii. 307.
 — (Sterna) viii. 307.
 — (Thalassipora) viii. 307.
 infuscatus (Turdus) ii. 95.
 innotata (Gelichelidon) viii. 315.
 — (Sterna) viii. 315.
 inornata (Hirundo) iii. 513.
 inornatus (Ixos) iii. 353.
 — (Edicnemus) vii. 407.
 — (Pycnonotus) iii. 353.
 — (Regulus) ii. 469.
 insignis (Pratincola) ii. 266.
 insularis (Strix) v. 238, 240.
 intercedens (Corvus corone) iv. 531.
 — (Crucirostra) iv. 121.
 — (Perdix rubra) vii. 103.
 — (Peristera) vii. 53.
 — (Pyrgita) iii. 587.

- intercedens (Turtur) vii. 51.
intermedia (Alauda).... iv. 307, 312, 313, 315.
— (Aquila) v. 533, 575.
— (Ardea)..... vi. 235, 236, 237, 238.
— (Columba)..... vii. 11, 16, 17.
— (Emberiza) iv. 241, 246.
— (Schoenicola)..... iv. 241.
— (Uria) viii. 567.
intermedius (Ægialites) vii. 497, 501.
— (Anser) vi. 375.
— (Charadrius) vii. 497, 500.
— (Corvus) iv. 533.
— (Cynchramus) iv. 241.
— (Himantopus) vii. 587.
— (Numenius)..... viii. 245.
interpres (Arenaria)..... vii. 555.
— (Cinclus) vii. 555.
interpres (Strepsilas).... vii. 477, 553, **555**, viii. 478.
interpres (Tringa)..... vii. 555.
interstinctus (Falco) vi. 113.
iodurus (Turdus) ii. 81.
Irania ii. 345, 350.
— filoti ii. 347.
— finoti ii. 347, 348, 350.
irbii (Acredula) iii. 68, 70, **73, 74**.
isabellina (Alauda) iv. 307, 309, 329.
— (Ammomanes) iv. 329.
— (Annomanes) iv. 329, 331.
— (Galerida) iv. 303.
isabellina (Galerita) iv. 289, 290, 295, 302, **303**.
isabellina (Melanocorypha) iv. 329.
— (Otomela)..... iii. 413, 415, 416.
— (Phileremos) iv. 329.
isabellina (Saxicola).. ii. 188, 191, 194, 195, **199**, 215, 218, 240.
isabellinus (Ammomanes) v. 202, 210.
— (Caprimulgus) iv. 629, 634.
— (Cursor) vii. 425.
— (Cursorius) vii. 425.
isabellinus (Lanius) iii. 373, **413**, 414, 415, 416.
— (**Turtur**) vii. **49**, 54.
islandica (Alca) viii. 557.
— (Anas) vi. 603.
— (Anas longicauda) vi. 617.
— (Aythya) vi. 565.
— (Bucephala) vi. 603.
— (Calidris) viii. 77.
islandica (Clangula)..... vi. 587, 598, **603**.
islandica (Fuligula) vi. 603.
— (Limosa) viii. 211.
— (Somateria) vi. 629.
— (Tringa) viii. 59, 77.
islandicum (Glaucion) vi. 603.
islandicum (Accipiter falco) vi. 25.
— (Accipiter gyrfalco)..... vi. 25.
— (Canutus) viii. 77.
— (Cygnus) vi. 433.
— (Falco) vi. 21, 25.
— (Falco candicans) vi. 25.
— (Falco gyrfalco) vi. 25.
— (Haliaëtus) v. 551.
— (Haliaëtus albicilla) v. 551.
— (Hierofalco) vi. 25.
— (Lagopus) vii. 175.
— (Larus) viii. 439.
— (Serinus) iii. 549.
— (Tetrao) vii. 175.
— candicans (Falco) vi. 21.
islandorum (Lagopus) vii. 180.
— (Tetrao) vii. 175.
islandus (Falco) vi. 19, 23, 24, **25**, 29.
islandus, var. albus (Falco)..... vi. 21.
Ispida v. 111, 113, 123, 131.
— bicincta v. 125.
— bitorquata v. 125.
— rudis v. 125.
— smyrnensis v. 133.
ispida (Alcedo) .. v. 111, **113**, 116, 117, 123, 127.
isura (Cisticola) iii. 7.
itala (Melanocorypha) iv. 341.
italiæ (Fringilla) iii. 585.
italiæ (Passer) iii. **585**, 589, 592, 594.
italica (Alauda) iv. 307.
— (Pyrgita) iii. 585.
italicus (Asio) v. 251.
— (Enneoctonus) iii. 393.
— (Lanius)..... iii. 393.
— (Otus) v. 251.
— (Passer serinus)..... iii. 535.
Ixocossyphus viscivorus ii. 3.
Ixos iii. 351.
— ashanteus iii. 353.
— barbatus..... iii. 353.
— capensis iii. 361.
— inornatus iii. 353.
— obscurus ii. 49, iii. 353, 357.
— vaillantii iii. 357.
— vallombrosæ iii. 357.
— xanthopygius iii. 357.
Ixus iii. 351.
— xanthopygius iii. 357.
— xanthopygos iii. 357.
Iynginæ v. 101.
Iynx v. 101.
— torquilla v. 101, 103.
iynx (Picus)..... v. 103.
jackal (Buteo)..... v. 485.
jadreca (Limosa) viii. 211.
jagoensis (Passer) vi. 48.
jamacensis (Ardea) vi. 269.
jamaicensis (Anas)..... vi. 497.
— (Corvus)..... iv. 535.
jamesoni (Cursorius) vii. 425, 429.
japonensis (Corvus) . iv. 532, 533, 539, 571.
japonica (Alauda)..... iv. 307, 310, 313.
— (Coturnix vulgaris)..... vii. 143.
— (Fulica atra)..... vii. 327.
— (Gallinago) vii. 641.
— (Pica)..... iv. 509, 511.
— (Pica varia) iv. 509.
— (Spilura) vii. 642.
— (Yunx) v. 103.
japonicus (Anthus) . iii. 303, 304, 331, 332.
— (Anthus pratensis) iii. 331.
— (Coccothraustes vulgaris) .. iii. 575.
— (Garrulus) iv. 489, 491.
— (Rallus) vii. 261, 262.
— (Regulus) ii. 451, 453.
— (Scops) v. 334.
— (Tinnunculus) vi. 115.
javanica (Hirundo) iii. 477, 479.
— (Hydrochelidon)..... viii. 315, 321.
— (Sterna) viii. 315.
— (Strix) v. 237, 240.
— (Terekia) viii. 195.
javanicus (Carbo) vi. 173.
— (Halixæus) vi. 173.
— (Totanus)..... viii. 195.
— (Turdus) ii. 71, 95.
javensis (Pallenua) iii. 251.
— (Scolopax) vii. 648, 649.
jerdoni (Anthus)..... v. 210.
— (Sylvia) ii. 411, 414.
Jerdonia ii. 515.
— agricolensis ii. 541.
jessii (Alæmon) iv. 275.
jewan (Hirundo) iii. 477.
johannæ (Ardea) vi. 207.
jotaka (Caprimulgus)..... iv. 625.
jubata (Egretta) vi. 239.
— (Herodias) vi. 239.
juggur (Falco) vi. 62, 64.
juggur (Falco) iv. 200.
jugularis (Charadrius) vii. 479.
jugurtha (Picus) v. 33.
julieni (Coccygus) v. 227.
junco (Turdus) ii. 579.
juncorum (Anthus) iii. 309.
juniperorum (Tetrao) vii. 205.
— (Turdus) ii. 41.
Jynx v. **101**.
Jynx arborea v. 103.
— major v. 103.
— punctata v. 103.
Jynx torquilla v. **103**.
kagolka (Mareca) vi. 541.
kaleniczenkii (Motacilla) iii. 273.

- kamtschatkensis (Apternus) v. 69
 — (Trichopicus) v. 65.
 kamtschacensis (Calliope) ii. 341.
 kamtschateensis (Picus) v. 65.
 — (Xylopicus) v. 65.
 kamtschatchensis (Scops) v. 329.
 kamtschatkensis (Larus) viii. 381.
 — (Parus) iii. 105, 120.
 — (Picus) v. 55, 58, 63.
 — (Pocila) iii. 119.
 karinthiaca (Galerita) iv. 286.
 keeask (Larus) viii. 460, 463.
 kekuschka (Anas) vi. 487.
 kennicottii (Phyllopneuste) ii. 509.
 keptuschka (Charadrius) vii. 527.
 — (Tringa) vii. 527.
 — (Vanellus) vii. 527.
 Ketupa ceylonensis v. 547.
 khamsin (Eremophila) iv. 399.
 khan (Picus) v. 22, 35, 36, 37.
 kinnisii (Turdus) ii. 95.
 kirchhoffii (Strix) v. 237.
 kirtlandi (Nyctale) v. 319.
 kisuki (Picus) v. 6.
 knjæsiek (Parus) iii. 143.
 kogolka (Anas) vi. 541.
 kolbi (Gyps) v. 377.
 kolbii (Vultur) v. 373.
 kollyi (Alauda) iv. 341.
 — (Calandritis) iv. 341.
 — (Phileremos) iv. 341.
 kori (Otis) vii. 380.
 korschun (Accipiter) v. 652.
 — (Milvus) v. 652.
 korustes (Sternula) viii. 273.
 kotzebui (Rissa) viii. 447.
 Kroikocephalus viii. 355.
 — ichtyaetus viii. 369.
 kroikocephalus (Larus) viii. 369.
krueperi (Sitta) iii. 185, **189**, 190.
 krüperi (Sitta) iii. 177.
krynicky (Garrulus) iv. 491,
 492, 493, **495**, 496.
 Ktinorhynchus vi. 485.
 — strepera vi. 487.
 kuhli (Procellaria) viii. 513.
kuhli (Puffinus) viii. **513**, 520,
 528, 530, 531.
 kuhlii (Puffinus) viii. 513.
 — (Totanus) viii. 143.
 kundoo (Oriolus) iii. 363, 369.
 kwakwa (Ardea) vi. 269.
 labatiei (Perdix) vii. 94.
 labradora (Alca) viii. 599.
 labradorica (Alca) viii. 599.
 labradorus (Falco) vi. 28.
 lacertarius (Accipiter) vi. 3.
 lacrimans (Uria) viii. 567.
 lactea (Glareola) vii. 477.
 lacteola (Uria) viii. 581.
 lacteolus (Cepphus) viii. 581.
 — (Colymbus) viii. 581.
 lacteus (Carpodacus) iii. 611.
 — (Pyrenestes) iii. 611.
 lacustris (Acrocephalus) ii. 579.
 — (Botaurus) vi. 281.
 — (Calamoherpe) ii. 579.
 — (Cynchramus) iv. 241.
 — (Muscipeta) ii. 579.
 — (Telmatias) vii. 641.
 lagopides (Tetrao) vii. 213.
 lagopoda (Chelidon) iii. 498.
 lagopodi-tetricides (Tetrao) vii. 213, 215.
 lagopoides (Tetrao) vii. 213, 215.
Lagopus vii. 59, **155**, 180,
 182, 216.
 — **albus** .. vii. 162, 163, 176, 180,
183, 209, 213, 214, 215.
 Lagopus alpina iv. 264.
 — alpinus vii. 157, 180, 184.
 — alpinus, var. hyperborea vii. 179.
 — alpinus minor vii. 157.
 — americanus vii. 175.
 — bonasa scotica vii. 165.
 — brachydactylus vii. 182.
 — cinereus vii. 157.
 — dispar vii. 162.
 — greenlandicus vii. 175.
Lagopus hemileucurus .. vii. 162,
 163, **179**, 180.
 Lagopus hyperborea vii. 179.
 — hyperboreus vii. 179.
 — islandicus vii. 175.
 — islandorum vii. 180.
 — leucurus vii. 163.
 — montanus vii. 157.
Lagopus mutus vii. **155**, **157**,
 159, 162, 163, 175, 176,
 177, 184, 185, 190.
 Lagopus reinhardti vii. 180.
 — reinhardtii vii. 175.
Lagopus rupestris .. vii. 157, 159,
 160, 162, 163, **175**, 180, 181.
 Lagopus saliceti vii. 177.
Lagopus scoticus .. vii. 162, **165**,
 184.
 Lagopus tetrici-albus vii. 209, 215.
 — vulgaris iv. 265.
 vii. 157.
lagopus (Archibuteo) v. 469,
471, 476, 617.
 lagopus (Bonasia) vii. 193.
 — (Butaetes) v. 471.
 — (Buteo) v. 471, 475.
 — (Falco) v. 471.
 — (Tetrao) vii. 175.
 —, var. (Tetrao) vii. 165.
 lahtora (Collurio) iii. 381.
lahtora (Lanius) iii. 376, 377,
381, 382, 383, 384, 388,
 390, 391, 392, 402.
 lais (Muscicapa) iii. 465.
 Laiscopus iii. 27.
 lamarecki (Merops) v. 171.
 lambruschini (Gelastes) viii. 389.
 — (Larus) viii. 389.
 lambruschinii (Xema) viii. 389.
 lamottii (Gallinago) vii. 642.
 lanarius (Falco).... vi. 15, 17, 51, 54, 55,
 57, 59, 61, 65.
 — (Gennaia) vi. 51.
 — (Hierofalco) vi. 59.
 — (Ptnigohierax) vi. 59.
 — alphanet (Falco) vi. 47.
 — cinereus (Accipiter) v. 431.
 — græcus (Falco) vi. 51.
 lanceatus (Haliaëtus) v. 545.
 lanceolata (Acridionis) ii. 617.
 — (Calamodyta) ii. 617.
 — (Cisticola) ii. 617.
lanceolata (Locustella) .. ii. **617**,
 626.
 lanceolata (Lusciniola) ii. 617.
 — (Salicaria) ii. 617.
 — (Sylvia) ii. 617.
 lanceolatus (Garrulus) iv. 492.
 languida (Curruca) ii. 535.
languida (Hypolais) ii. **535**.
 languida (Salicaria) ii. 535.
 laniarius (Falco) vi. 53.
 Laniidæ iii. 373.
Lanius iii. 127.
 iii. **373**, 377, 403, 410, 421, 425,
 iv. 469, 479.
 — **algeriensis**.. iii. 377, 381, 382,
 383, 388, 389, **391**.
 Lanius arenarius iii. 413.
 — aucheri iii. 381.
Lanius auriculatus iii. 402,
407, 411.
 v. 210.
 Lanius badius iii. 407.
 — borealis iii. 376, 378.
 — burra iii. 381.
 — canescens iii. 413.
 — cinereus iii. 375.
Lanius collurio iii. 381, 394,
399, 400, 402, 409,
 411, 580.
 v. 209, 210, 211.
 vi. 109.
 viii. 141.
 Lanius cucullatus iii. 423.
 — dealbatus iii. 381.
 — dumetorum iii. 399.
 — elegans iii. 381, 382.
 — erythropterus iii. 423

- Lanius excubitor** . . . iii. 373, **375**,
376, 377, 379, 380, 381, 383,
384, 385, 388, 389, 390,
391, 395, 426.
iv. 277, 281.
v. 210.
- Lanius fallax** iii. 381, 382, 383.
— glandarius iv. 481.
— hemileucurus iii. 381, 382.
— infaustus ii. 129.
iv. 471.
- Lanius isabellinus** . . . iii. 373, **413**,
414, 415, 416.
- Lanius italicus** iii. 393.
- Lanius lahtora** iii. 376, 377,
381, 382, 383, 384, 388,
390, 391, 392, 402.
- Lanius leucometopon** iii. 417.
— leuconotus iii. 381.
— leucopygus iii. 381.
— longipennis iii. 393.
— major iii. 376.
— melanotos iii. 407.
- Lanius meridionalis** iii. 377,
381, 382, **387**, 388, 389, 390, 391.
— **minor** iii. 381, 383, 385,
389, **393**, 394, 396, 403, 410, 419.
v. 210.
- Lanius montanus** iii. 413.
- Lanius nubicus** iii. 402, **417**, 418.
- Lanius orbitalis** iii. 381.
— pallens iii. 381.
— personatus iii. 417.
— phœnicuroides iii. 413, 414, 416.
— phœnicurus iii. 413, 414, 415.
— phœnicurus, var. caniceps iii. 413, 414.
— phœnicurus, var. montana iii. 413.
— phœnicurus, var. ruficeps iii. 413, 414.
— pomeranus iii. 407.
— roseus iii. 393.
— ruficaudus iii. 413.
— ruficeps iii. 407.
— ruficollis iii. 407.
— rufus iii. 403, 420.
— rutilans iii. 407, 408.
— rutilus iii. 407.
— speculigerus iii. 415.
— spinitorques iii. 399.
— tschagra iii. 423.
— vigil iii. 393.
- lanuginosus** (Anser) vi. 629.
- laponica** (Strix) v. 281.
- lapponica** (Fringilla) iv. 253.
— (Limicula) viii. 203.
- lapponica** (Limosa) viii. 201,
203, 208, 213, 217.
- lapponica** (Passerina) iv. 253.
— (Scolopax) viii. 203.
— (Strix) v. 281, 283.
- lapponica** (Surnia) v. 281.
— (Ulula) v. 281.
- lapponicum** (Syrnium) v. **281**.
- lapponicus** (Centrophanes) iv. 253.
— (Parus) iii. 125, 128.
- lapponicus** (Plectrophanes)
iii. 266, 306.
iv. **253**, 257.
- Laridæ** viii. 253, 265, 305, 498.
- lariformis** (Hydrochelidon) viii. 327.
- Larinæ** viii. 335.
- Laroides** viii. 355, 445.
— americanus viii. 399.
— argentaceus viii. 399.
— argentatoides viii. 399, 400.
— argentatus viii. 399, 400, 411.
— argenteus viii. 399.
— audouini viii. 395.
— fuscus viii. 421.
— glaucoides viii. 439.
— glaucus viii. 433.
— harengorum viii. 421.
— leucophæus viii. 411.
— leucopterus viii. 439.
— major viii. 399.
— melanotos viii. 421.
— michahellesii viii. 411.
— minor viii. 447.
— rissa viii. 447.
— subleucopterus viii. 439.
— tridactylus viii. 447.
- Laropis** viii. 253.
— anglica viii. 295.
- Larus** iv. 548.
vi. 128, 652.
viii. 313, 335, 341, 347, **355**,
361, 445, 455.
— **affinis** viii. 400, **417**.
- Larus albus** viii. 349, 427, 447.
— arabicus viii. 389.
— arcticus viii. 439.
— argentatoides viii. 399, 400, 405.
- Larus argentatus** vi. 184.
viii. 391, **399**, 400, 401, 402,
404, 405, 406, 411, 412, 413,
415, 416, 417, 418, 425, 430,
432, 439, 441, 442, 452.
- Larus argenteus** viii. 399.
— atricilla viii. 356, 357, 365, 366.
— atricilloides viii. 365, 373.
- Larus audouini** viii. 393, **395**,
393, 397.
- Larus borealis** viii. 418.
— brachyrhynchus viii. 385, 386.
— brachytarsus viii. 349, 353.
— brehmii viii. 389.
— brunneicephalus viii. 357.
— cachinnans viii. 401, 411, 417, 418.
— cahircus viii. 357.
- Larus cahircus** viii. 357.
— canescens viii. 357.
- Larus canus** vi. 184.
viii. 257, 355, **381**, 384, 385,
386, 396, 424, 430, 432,
452, 561.
- Larus canus**, var. major viii. 381.
— capistratus viii. 357.
— cataractes viii. 457.
— cephus viii. 471.
— cinerarius viii. 357, 447.
— cinereus viii. 357, 381, 399, 421.
— columbinus viii. 389.
— consul viii. 433.
— crepidatus viii. 471.
— cyanorhynchus viii. 381.
— delawarensis viii. 385, 386.
— dorbignii viii. 373, 376.
— eburneus viii. 349, 451.
— erythropus viii. 357.
— fabricii viii. 427.
— flavipes viii. 421.
- Larus fuscus** vi. 639.
viii. 234, 257, 382, 399, 401,
413, 415, 417, 418, **421**, 425,
430, 432, 439, 441, 457.
- Larus gavia** viii. 447.
— gavia &c. viii. 357, 447.
— gavia ridibunda viii. 357.
- Larus gelastes** viii. **389**, 391, 397.
- Larus genei** viii. 389.
— giganteus viii. 433, 438.
— glacialis viii. 433.
— glaucoides viii. 439.
- Larus glaucus** viii. 399, 429, 432,
433, 439, 440, 441,
442, 451, 584.
- Larus grallarius** viii. 389.
— heinei viii. 381, 384, 385.
— hemprichi viii. 356, 391.
— heuglini viii. 417.
— hutchinsii viii. 433, 438.
— hybernus viii. 381.
- Larus ichthyaetus** viii. **369**, 370.
- Larus ichthyaetus minor** viii. 369.
— islandicus viii. 439.
— kamschatkensis viii. 381.
— keeask viii. 460, 463.
— kroikocephalus viii. 369.
— lambruschini viii. 389.
— leucereses viii. 433.
— leucocephalus viii. 389.
- Larus leucophæus** viii. 371, 396,
397, 401, 402, 404, 405, **411**,
412, 413, 415, 416, 418, 419.
- Larus leucophthalmus** viii. 356.
- Larus leucopterus** viii. 437,
439, 440.
- Larus maculatus** viii. 427.

- Larus marinus** . . vi. 184, 632, 633.
viii. 401, 423, 425, **427**,
437, 438, 439, 441.
- Larus marinus, var. viii. 399.
— maximus viii. 427.
- Larus melanocephalus** . . viii. 356,
360, 362, **365**, 413.
- Larus merulinus viii. 327.
— michabellesii viii. 411.
— minor viii. 439.
- Larus minutus** viii. 339, **373**,
375, 376, 377, 378, 379.
- Larus mulleri viii. 427.
— nævius viii. 357, 427, 447.
— nigrotis viii. 373.
— niveus viii. 381, 385, 386.
— occidentalis viii. 401, 402,
405, 412, 417.
— parasiticus viii. 463, 465,
471, 481.
— payraudei viii. 395.
— philadelphie viii. 356.
— procellus viii. 381.
— quadricolor viii. 395.
— richardsoni viii. 345.
- Larus ridibundus** . . viii. 275, 356,
357, 365, 366, 367,
378, 379, 388, 391.
- Larus riga viii. 447.
— rissa vi. 184,
viii. 447.
— roseus viii. 343, 389.
— rossii viii. 343, 345.
— sabinei viii. 337.
— sabini viii. 337.
— smithsonianus viii. 400, 401, 405.
— subroseus viii. 389.
— suckleyi viii. 385.
— tenuirostris viii. 389.
— torquatus viii. 447.
— tridactylus viii. 447, 452.
— tridactylus, var. kotzebui . . viii. 447.
— zonorhynchus viii. 385.
- Larva viii. 597.
- larvata (Otocoris) iv. 395, 401.
- Larvivora cyane ii. 343.
- lateifii (Herodias) vi. 231.
- lathamii (Calliope) ii. 341.
- laticauda (Bartramia) viii. 119.
- latirostris (Oscines) iii. 471.
- latirostris (Anas) vi. 669.
— (Caprimulgus ruficollis) iv. 633.
— (Chelidon urbica) iii. 495.
— (Corythus enucleator) iv. 111.
— (Hirundo boissonieautii) iii. 473.
- laurivora (Columba)** . . vii. 29, 30,
31, 33, 34, 35.
- laurivora (Trocaza) vii. 31.
- lawrencei (Corvus) iv. 567.
- leachi (Thalassidroma) viii. 552.
- leachii (Hydrobates) viii. 497.
— (Procellaria) viii. 497, 498.
— (Thalassidroma) viii. 497.
- leautungensis (Alauda) iv. 286, 291.
— (Galerida) iv. 286, 300.
- ledouci (Parus)** iii. **85**, 94.
- ledouci (Picus) v. 53, 55, 63.
— lefevri (Sula) vi. 181.
- Leimoniptera iii. 283.
— pratensis iii. 285.
- Leimonites viii. 9.
— temminckii viii. 45.
- leisleri (Somateria) vi. 629.
- lenensis (Parus cinereus) iii. 129.
- lentiginosa (Ardea) vi. 289.
- lentiginosus (Botaurus)** . . vi. 279,
282, **289**, 293.
- lentiginosus (Butor) vi. 289.
- lepida (Burnesia) iii. 13, 16.
— (Drymoica) iii. 13.
— (Prinia) iii. 13.
— (Suya) iii. 13.
- Leptorodas ibis vi. 245.
- Leptorodatis vi. 205.
— flavirostris vi. 231.
- leptonyx (Corvus) iv. 533, 534.
- Lerwa v. 539.
- lesbia (Emberiza) iv. 229.
- leschenaulti (Ægialitis) vii. 475.
- leschenaultii (Charadrius) vii. 475.
- lessoni (Lestris) viii. 481.
- Lestris viii. 455.
— benickii viii. 471.
— boji viii. 471.
— brachyrhynchus viii. 481.
— buffoni viii. 481.
— cataractes viii. 457.
— cataractes viii. 457.
— catharractes viii. 457.
— cephus viii. 481.
— coprotheses viii. 471.
— crepidata viii. 481.
— crepidatus viii. 471.
— hardyi viii. 481.
— lessoni viii. 481.
— longicaudata viii. 481.
— longicaudatus viii. 481.
— microrhynchus viii. 481.
— parasita viii. 471.
— parasitica viii. 451.
— parasiticus viii. 471, 481.
— parasitus viii. 471.
— pomarhina viii. 463.
— pomarina viii. 463.
— pomarinus viii. 463.
— pomatorhinus viii. 463.
— pomerinus viii. 463.
— richardsoni viii. 471.
— schleepii viii. 471.
- Lestris skua viii. 457.
— sphaeriuros viii. 463.
— spinicauda viii. 471.
— spinicaudus viii. 471.
— striatus viii. 463.
— thuliaca viii. 471.
- lestris (Aquila) v. 513.
- leucamphomma (Aquila) v. 563.
- leuceretes (Laurus) viii. 433.
- leucocapilla (Lutucoa) ii. 243.
- leucocephala (Anas) vi. 677.
— (Aquila) v. 551.
— (Aythya) vi. 677.
— (Biziura) vi. 677.
— (Butaquila) v. 463.
— (Chæmarrhornis) ii. 306, 307.
— (Dromolæa) ii. 233, 243.
- leucocephala (Emberiza)** iv.
207, 208, **217**, 218, 219, 220.
— (**Erismatura**) vi. 577, 677,
677.
- leucocephala (Oidemia) vi. 663.
— (Saxicola) ii. 243, 244, 245.
— (Undina) vi. 677.
- leucocephalos (Vultur) v. 391.
- leucocephalus (Accipiter falco) v. 471.
— (Buteo) v. 463.
— (Glandarius) iv. 481.
— (Haliaëtus) v. 551.
— (Haliaëtus) v. 559.
— (Himantopus) vii. 587, 594.
— (Larus) viii. 389.
— (Pandion) vi. 137, 139, 147, 148.
— (Platypus) vi. 677.
— (Vultur) v. 373, 401.
- leucocillus (Turdus) ii. 87.
- leucocyana (Cyanecula) ii. 311, 315, 323.
- leucocyanea (Cyanecula) ii. 313.
- leucogaster (Carbo) vi. 163.
— (Cinclus) ii. 169, 170.
— (Merula) ii. 83.
— (Thalassidroma) viii. 506.
- leucogastra (Motacilla) ii. 401.
- leucogenys (Coturnix) vii. 143.
— (Falco) vi. 31.
— (Hydrochelidon) viii. 315.
- leucogerana (Grus) vii. 359.
- leucogeranos (Grus) vii. 359.
- Leucogeranus vii. 335.
— giganteus vii. 359.
- leucogeranus (Antigone) vii. 359.
- leucogeranus (Grus)** vi. 335,
359, 363.
- leucognaphalus (Corvus) iv. 535.
- leucolena (Aquila) v. 517, 518.
- leucomela (Motacilla) ii. 231.
— (Muscicapa) ii. 231.
- leucomela (Saxicola)** ii. 185, 189,
231, 232, 233, 235, 236.
- leucomela (Sylvia) ii. 231.

- leucomela (Vitiflora) ii. 231.
 leucomelæna (Curruca) ii. 418.
 — (Saxicola) ii. 189.
 leucomelanura (Ceryle) v. 125.
 — (Siphia) ii. 358, 475.
 leucomelanus (Mergus) vi. 685.
 leucomelas (Ceryle) v. 125.
 — (Clangula) vi. 595.
 — (Corvus) iv. 567.
 — (Mergus) vi. 693.
 Leucometopon iii. 373.
 — nubicus iii. 417.
 leucometopon (Lanius) iii. 417.
 leuconota (Pallene) iv. 613.
 Leuconotopicus v. 17.
 — numidicus v. 33.
 leuconotos (Aythya) vi. 565.
 — (Linaria) iv. 37.
 leuconotus (Cypselus) iv. 613.
 — (Dendrodromas) v. 39.
 — (Hemiprocne) iv. 613.
 — (Lanius) iii. 381.
leuconotus (Picus) v. 21, 31,
 39, 40, 41,
 42, 45, 46.
 leuconotus (Pipirpicus) v. 39.
 leucopareia (Hydrochelidon) viii. 315.
 — (Sterna) viii. 315.
 — (Viralva) viii. 315.
 leucopareja (Hydrochelidon) viii. 315.
 leucophæa (Ardea) vi. 207.
 — (Calandrella) iv. 343, 344, 398.
 — (Scolopax) viii. 187, 203.
 leucophæus (Corvus) iv. 567, 575.
 — (Glaucus) viii. 411.
 — (Laroides) viii. 411.
leucophæus (Larus) viii. 371,
 396, 397, 401, 402, 404, 405,
 411, 412, 413, 415, 416, 418.
 leucophæus (Totanus) viii. 203.
 leucophthalmos (Aythya) vi. 581.
 — (Nyroca) vi. 581.
 — (Uria) viii. 567.
 — (Uria troile) viii. 567.
 leucophthalmus (Anas) vi. 564, 581.
 — (Larus) viii. 356.
 leucopodius (Platea) vi. 319.
 leucopogon (Curruca) ii. 389, 401.
 — (Sylvia) ii. 389.
 leucopsis (Anas) vi. 397.
 — (Anser) vi. 397.
leucopsis (Bernicla) vi. 391,
 397, 401, 402.
 leucopsis (Brachyotus) v. 257.
 — (Branta) vi. 397.
 — (Circaëtus) v. 563.
 — (Falco) v. 563.
 — (Sitta) iii. 176.
 — (Uria) viii. 567.
 leucoptera (Alauda) iv. 373.
 leucoptera (Ardea) vi. 243.
 — (Calandra) iv. 373.
 — (Crucirostra) iv. 137.
 — (Curvirostra) iv. 137.
leucoptera (Hydrochelidon) viii.
 319, 321, 328, 331, 332.
 — (**Loxia**) iv. 137, 142, 146.
 leucoptera (Melanocorypha) iv. 373.
 — (Pallasia) iv. 373.
 — (Pica) iv. 510, 511.
 — (Sterna) viii. 315, 321.
 — (Trynga) viii. 127.
 — (Uria) viii. 581.
 — (Viralva) viii. 321.
 leucopterum (Hydrochelidon) viii. 321.
 leucopterus (Glaucus) viii. 439.
 — (Laroides) viii. 439.
leucopterus (Larus) viii. 437,
 439, 440.
 leucopterus (Leucus) viii. 439.
 — (Picus) v. 22.
 leucopus (Colymbus) viii. 615, 621.
 leucopyga (Lutueoa) ii. 243.
leucopyga (Saxicola) ii. 189,
 221, 243, 247, 248, 249.
 leucopyga (Vitiflora) ii. 243.
 leucopygaia (Dromolæa) ii. 243.
 leucopygia (Dromolæa) ii. 233, 243.
 — (Saxicola) ii. 240, 244,
 245, 248.
 leucopygialis (Cypselus) iv. 591.
 leucopygus (Lanius) iii. 381.
 — (Picus) v. 69.
 leucorhoa (Motacilla) ii. 187.
 — (Procellaria) viii. 497.
 — (Saxicola) ii. 187.
 leucorhynchus (Milvus) v. 657.
leucorodia (Platalea) vi. 317,
 319, 323, 324.
 — (**Platea**) vi. 317, 319.
 leucorodius (Platalea) vi. 319.
 leucorrhœa (Cymochorea) viii. 497.
leucorrhœa (Procellaria) viii.
 489, 497.
 — (**Thalassidroma**) viii. 497.
 leucorrhous (Cypselus) iv. 591.
 leucorypha (Aquila) v. 545.
 — (Haliaëtus) v. 545.
 leucoryphus (Falco) v. 545.
 — (Pontoaëtus) v. 545.
leucoryphus (Haliaëtus) v.
 545.
 leucoryphus (Ichthyaëtus) v. 545.
 leucoryx (Fulica) vii. 327.
 Leucosticte iii. 615.
 — nivalis iii. 617.
 leucothorax (Gallinula) vii. 267.
 leucotis (Phalacrocorax) vi. 151.
 leucotos (Picus) v. 39.
- leucourus (Totanus) viii. 135.
 leucura (Chætusia) vii. 532.
leucura (Chettusia) vii. 525, 528,
 531, 533, 540.
 leucura (Dromolæa) ii. 247, 249.
 — (Muscicapa) iii. 466, 468.
 — (Enanthe) ii. 247.
 — (Pratincola) ii. 265, 266, 269.
leucura (Saxicola) ii. 185, 189,
 243, 244, 245, 247, 249, 302.
 leucura (Vitiflora) ii. 247.
 leucuroides (Saxicola) ii. 243, 244.
 leucuros (Vitiflora) ii. 243, 247.
 leucurus (Butaëtus) v. 463.
 — (Buteo) v. 463, 466.
 — (Charadrius) vii. 531.
 — (Elanus) v. 666.
 — (Lagopus) vii. 163.
 — (Lobivanellus) vii. 531.
 — (Saxicola) ii. 247.
 — (Scolopax) vii. 631.
 — (Totanus) viii. 135.
 — (Turdus) ii. 247.
 — (Vanellus) vii. 531, 532.
 Leucus viii. 355.
 — audouini viii. 395.
 — fuscus viii. 421.
 — glaucus viii. 433.
 — leucopterus viii. 439.
 leupogon (Curruca) ii. 389.
 levaillanti (Gecinus) v. 78.
 levaillantii (Plotus) vi. 171, 228.
 Pherminieri (Anous) viii. 307.
 — (Puffinus) viii. 545.
 libanotica (Saxicola) ii. 187, 219.
 libanoticus (Cuculus) v. 199, 200.
 lichtensteinii (Anthus) iii. 285.
 — (Corospiza) iii. 603.
 — (Gelastes) viii. 389.
 — (Passer) iii. 603.
 lidthi (Garrulus) iv. 492.
Ligurinus iii. 547, 565, 573,
 iv. 29.
 Ligurinus aurantiiventris iii. 567.
 — cannabinus iv. 31.
Ligurinus chloris iii. 565, 567,
 v. 210, 211.
 Ligurinus chloroticus iii. 567.
 ligurinus (Carduelis) iii. 541.
lilfordi (Picus) v. 41, 45, 46.
 Lillia iii. 471.
 — rufula iii. 487.
 limbata (Glareola) vii. 411.
Limicola viii. 1, 109.
 Limicola brevirostris viii. 111.
 — hartlaubi viii. 3.
Limicola platyrhyncha vi. 340,
 viii. 1, 3.
 Limicola pygmæa viii. 3.

- Limicola sibirica* viii. 1, 4, 6.
 — terek viii. 195.
limicola (*Cynchramus*) iv. 241.
Limicolæ vii. 367, 444.
Limicula viii. 125, 193, 201.
 — glottis viii. 173.
 — lapponica viii. 203.
 — melanura viii. 211.
 — meyeri viii. 203.
Limnocinclus viii. 9.
 — maculata viii. 11.
Limnodromus viii. 185.
 — grisea viii. 187.
Limnosalus v. 447.
 — africanus v. 463.
Limosa viii. 85, 125, 185, 193,
 199, **201**.
 — ægocephala viii. 208, **211**,
 213, 241.
Limosa cinerea viii. 197, 198.
 — fedoa viii. 213.
 — ferruginea viii. 203.
 — fusca viii. 165.
 — glottoides viii. 173.
 — grisea viii. 187.
 — hardwickii viii. 87.
 — hudsonica viii. 213.
 — indiana viii. 195.
 — islandica viii. 211.
 — jadrega viii. 211.
Limosa lapponica viii. 201,
203, 208, 213, 217.
Limosa melanura viii. 199, 211.
 — melanuroides viii. 211, 213.
 — meyeri viii. 203.
 — novæ-zealandiæ viii. 206, 208, 213.
 — noveboracensis viii. 203.
 — recurvirostra viii. 195.
 — rufa viii. 199, 203, 208.
 — scolopacea viii. 187.
 — terek viii. 195.
 — totanus viii. 173.
 — uropygialis viii. 206, 213.
limosa (*Actitis*) viii. 211.
 — (*Scolopax*) viii. 211.
 — (*Totanus*) viii. 211.
Linacanthus iv. 29.
 — rufescens iv. 47.
Linaria iii. 533.
 iv. **29**, 31, 67.
Linaria agrorum iv. 37.
 — alnorum iv. 37.
 — assimilis iv. 37.
 — betularum iv. 37.
 — borealis iv. 37, 40, 51.
 — canescens iv. 37.
 — canigularis iv. 37.
Linaria cannabina iv. **31**.
 vii. 515.
Linaria dubia iv. 37.
 — erythrina iv. 75.
 — flavirostris iv. 37, 59.
 — holboellii iv. 37.
 — leuconotos iv. 37.
 — minor iv. 47.
 — montana iv. 65.
 — montium iv. 59.
 — pusilla iv. 37.
 — robusta iv. 37.
 — rufescens iv. 37, 39, 40, 47.
 — septentrionalis iv. 37.
 — spinus iii. 541.
 — vulgaris iv. 37.
linaria (*Acanthis*) iv. 37.
 — (*Cannabina*) iv. 37.
 — (*Fringilla*) iii. 126.
 iv. 37, 40, 41, 266.
linaria (**Linota**) ii. 511.
 iv. 29, **37**, 38, 39,
 40, 43, 44, 47, 49,
 50, 51, 52, 55, 56.
 v. 210.
linaria (*Passer*) iv. 31, 37.
 — (*Spinus*) iv. 37.
 —, var. (*Fringilla*) iv. 47.
 —, var. *exilipes* (*Ægiothus*) iv. 51.
 — *argentoratensis* (*Passer*) iv. 31.
 — *minima* (*Passer*) iv. 47.
 — *montana* (*Passer*) iv. 59.
 — *rubra major* (*Passer*) iv. 31.
 — *rubra minor* (*Passer*) iv. 37.
linarius (*Ægiothus*) iv. 37.
 —, var. (*Melospiza*) iii. 613.
lindermayeri (*Egretta*) vi. 239.
 — (*Motacilla*) iii. 273.
lineatus (*Numenius*) viii. 241, 243.
lineocapilla (*Cisticola*) iii. 7.
linnaei (*Graculus*) vi. 163.
Linota iii. 615.
 iv. **29**.
Linota borealis iv. 37.
Linota brevirostris .. iv. 61, **65**.
Linota canescens iv. 37, 51, 55.
Linota cannabina iv. 29, **31**.
 v. 210.
 — *exilipes* .. iv. 39, 42, 43, 44, 49,
51, 52, 57, 65.
 — *flavirostris* .. iv. **59**, 65, 66.
Linota fringillirostris iv. 34.
Linota hornemanni .. iv. 39, 42, 44,
 51, 52, **55**, 56.
 — *linaria* ii. 511.
 iv. 29, **37**, 38, 39, 40,
 43, 44, 47, 49,
 51, 52, 55, 56.
 v. 210.
Linota montium iv. 59.
Linota rufescens .. iv. 39, 40, 43,
 44, **47**, 48, 65.
linota (*Cannabina*) iv. 31.
 — (*Fringilla*) iv. 31.
Liothrix iii. 47.
Lithofalco vi. 13.
 — æsalon vi. 83.
 — chiquera v. 571.
lithofalco (*Æsalon*) vi. 83.
 — (*Falco*) vi. 83.
 — major (*Hypotriorchis*) vi. 83.
 — minor (*Hypotriorchis*) vi. 83.
littoralis (*Anthus*) iii. 343.
 — (*Charadrius*) vii. 423.
 — (*Corvus*) iv. 567.
 — (*Cotyle*) iii. 505.
 — (*Strepsilas*) vii. 555.
 — (*Strepsilas collaris*) vii. 555.
 — (*Tadorna*) vi. 451.
 — (*Totanus*) viii. 157.
 — (*Tringa*) viii. 69.
littorea (*Tringa*) viii. 87.
 — (*Trynga*) viii. 143.
litturata (*Strix*) v. 277.
 — (*Ulula*) v. 277.
litturata (*Ptynx*) v. 277.
 — (*Strix*) v. 277.
livia (**Columba**) iv. 416.
 vi. 105, 109.
 vii. 1, **11**, 13, 14, 15,
 16, 17, 18, 26.
lobata (*Tringa*) vii. 597, 599, 605.
lobatus (*Phalaropus*) .. vii. 597, 599, 605.
Lobipes vii. 595, 597.
 — hyperborea vii. 597.
 — hyperboreas vii. 605.
Lobivanellus vii. 525.
 — cinereus vii. 530.
 — leucurus vii. 531.
Locustella ii. **609**, 611,
 617, 619.
Locustella anthirostris ii. 611.
 — *avicula* ii. 611.
Locustella certhiola ii. 609,
633, 634, 635.
Locustella cicada ii. 621.
Locustella fluviatilis ii. 614,
 619, **621**, 629, 630.
Locustella hendersoni ii. 613, 614.
Locustella lanceolata ii. **617**, 626.
 — *luscinioides* ii. **627**, 640.
 iii. 361.
Locustella minor ii. 633.
 — *minuta* ii. 617.
Locustella naevia ii. 609, **611**, 614.
 v. 210.
Locustella ochotensis ii. 634, 635.
 — *raii* ii. 617.

- Locustella rayi* ii. 611.
 — *rubescens* ii. 633, 634.
 — *savii* ii. 627.
 — *streptitans* ii. 621.
 — *subsignata* ii. 617.
 — *temporalis* ii. 633.
 — *vera anthirostris* ii. 611.
 — *vera fruticeti* ii. 611.
 — *vera major* ii. 611.
 — *vera tenuirostris* ii. 611.
 — *wodzickii* ii. 621.
locustella (*Calamoherpe*) ii. 611, 618.
 iii. 214.
 — (*Curruca*) ii. 611.
 — (*Muscipeta*) ii. 611.
 — (*Parnopia*) ii. 611.
 — (*Salicaria*) ii. 611, 614.
 — (*Sibilatrix*) ii. 611.
 — (*Sylvia*) ii. 611.
 —, var. *lanceolata* (*Salicaria*) .. ii. 617.
lomatina (*Tringa*) viii. 77.
Lomvia viii. 555.
 — *ringvia* viii. 567.
 — *svarbag* viii. 278, 575.
 — *troile* viii. 567.
lomvia (*Alca*) viii. 567, 578.
 — (*Catarractes*) viii. 575.
 — (*Cepphus*) viii. 578.
 — (*Uria*) viii. 567, 575.
longicauda (*Anas*) vi. 531, 617.
***longicauda* (*Bartramia*) .. viii. 117.**
longicauda (*Dafila*) vi. 531.
 — (*Mecistura*) iii. 67.
 — (*Merops*) v. 165.
 — (*Tringa*) viii. 119.
 —, &c. (*Anas*) vi. 617.
 — *islandica* (*Anas*) vi. 617.
longicaudata (*Aquila*) v. 481.
 — (*Lestris*) viii. 481.
 — (*Mecistura*) iii. 63.
longicaudatus (*Dicrurus*) v. 190.
 — (*Drymoipus*) iii. 14, 15.
 — (*Lestris*) viii. 481.
 — (*Stercorarius*) viii. 481.
longicaudus (*Actidurus*) viii. 119.
***longicaudus* (*Actiturus*) .. viii. 117,**
119.
longicaudus (*Bartramius*) viii. 119.
 — (*Carbo*) vi. 169.
 — (*Paroides*) iii. 67.
 — (*Phalacrocorax*) vi. 169.
 — (*Stercorarius*) viii. 481.
longipennis (*Alauda*) iv. 344, 356.
 — (*Carpospiza*) iii. 611.
 — (*Lanius*) iii. 393.
 — (*Scops*) v. 329.
longipes (*Anthus*) iii. 325.
 — (*Buteo*) v. 463.
 — (*Charadrius*), vii. 436, 447, 448,
 449, 540.
longipes (*Falco*) v. 587, 589.
 — (*Himantopus*) vii. 587.
 — (*Pluvialis*) vii. 443, 444.
 — (*Tringa*) viii. 165.
longirostris (*Apternus*) v. 69.
 — (*Calamoherpe*) ii. 579, 585.
 — (*Charadrius*) vii. 455.
 — (*Colymbus*) viii. 639.
 — (*Corvus corone*) iv. 531.
 — (*Crucirostra*) iv. 127.
 — (*Cyanecula*) ii. 311.
 — (*Grus cinerea*) vii. 337, 343.
 — (*Hæmatopus*) vii. 567, 571.
 — (*Numenius*) viii. 243, 245.
 — (*Otocoris*) iv. 395, 396.
 — (*Otocorys*) iv. 397, 401.
 — (*Pelecanus*) vi. 196.
 — (*Petrocincla*) .. ii. 139, 149, 157, 158.
 — (*Petrocossyphus*) ii. 149.
 — (*Podiceps*) viii. 639.
 — (*Sturnus*) iv. 405.
 — (*Telephonus*) iii. 424.
 — (*Upupa*) v. 180, 183, 184.
 — (*Yunx torquilla*) v. 103.
Lophaithyia viii. 627, 629.
***Lophophanes* iii. 149.**
 — ***cristatus* iii. 91, 149,**
151, 153.
Lophophorus vii. 235.
 — *nigelli* vii. 241.
loquax (*Coracias*) v. 141.
 — (*Sylvia*) ii. 485.
lotharingica (*Emberiza*) iv. 205, 261.
 — (*Motacilla rufa* et) ii. 485.
lotor (*Motacilla*) iii. 239.
***Loxia* iii. 547, 565, 573, 583.**
 iv. 67, 95, 109, **119.**
Loxia albiventris iv. 127, 129.
 — *americana* iv. 129, 130, 135,
 138, 139.
 — *balearica* iv. 127.
***Loxia bifasciata* iv. 119, 129,**
137, 139, 140, 141, 142, 146, 233.
Loxia cardinalis iv. 75.
 — *chloris* iii. 567.
 — *coccothraustes* iii. 575.
***Loxia curvirostra* ... iv. 119, 122,**
124, 125, 127, 129, 130, 132,
134, 139, 145, 146.
Loxia curvirostra, var. iv. 121.
 — *enucleator* iv. 111.
 — *erythraea* iv. 75.
 — *europæa* iv. 127.
 — *falcirostra* iv. 137.
 — *flamingo* iv. 111.
 — *hamburgica* iii. 597.
 — *himalayana* iv. 129, 130, 134.
***Loxia leucoptera* iv. 137,**
 142, 146.
Loxia mexicana iv. 129.
 — *pityopsittaca* iv. 128, 129, 135.
***Loxia pityopsittacus* iv. 121.**
Loxia psittacea iv. 111.
 — *pyrrhula* iv. 97, 99, 101.
 — *rosea* iv. 75.
 — *rubicilla* iv. 69.
 — *rubrifasciata* iv. 129.
 — *serinus* iii. 549.
 — *simplex* iii. 603.
 — *tænioptera* iv. 141.
Loxiinæ iv. 29, 67.
luciani (*Picus*) v. 22, 23.
lucida (*Ardea*) vi. 245, 250.
lucidus (*Graculus*) vi. 156.
luctuosa (*Curruca*) ii. 401.
 — (*Emberiza*) iii. 453.
 — (*Muscicapa*) iii. 453,
 viii. 141.
 — (*Sterna*) viii. 307.
ludoviciana (*Alauda*) iii. 331.
 — (*Anas querquedula*) vi. 589.
***ludovicianus* (*Anthus*) .. iii. 283,**
331, 332, 337.
lugens (*Pœcila*) iii. 121.
 — (*Saxicola*) ii. 216, 219, 231, 232.
lugubris (*Corvus*) iv. 567.
 — (*Fulica*) vii. 327.
 — (*Hæmatornis*) iii. 353.
***lugubris* (*Motacilla*) iii. 234,**
236, 237, 239, 242.
 v. 210.
lugubris (*Motacilla alba*) iii. 239.
***lugubris* (*Parus*) iii. 102, 105,**
107, 110, 115, 121, 125, 128.
lugubris (*Penthestes*) iii. 121.
 — (*Pœcila*) iii. 121.
 — (*Pœcile*) iii. 121.
 — (*Poikilis*) iii. 121.
 — (*Procellaria*) viii. 491.
 — (*Saxicola*) ii. 188.
lulensis (*Fringilla*) iv. 15.
Lullula iv. 283, 305.
 — *arborea* iv. 321.
 — *cristata* iv. 285.
lulu (*Strix*) v. 237.
lumme (*Colymbus*) viii. 621.
lunatus (*Hemipodius*) vii. 249.
 — (*Picus*) v. 33.
Lunda viii. 597.
 — *arctica* viii. 599.
lunulatus (*Falco*) vi. 31.
 — (*Turdus*) ii. 77, 78, 81.
Lupha vii. 321.
 — *cristata* vii. 323.
lurida (*Anas*) vi. 551.
Luscinia ii. 361.
 — *eximia* ii. 369.
 — *golzii* ii. 371.
 — *hybrida* ii. 369.

- Luscinia major* ii. 369.
 — *media* ii. 363.
 — *megarhynchos* ii. 363.
 — *okenii* ii. 363.
 — *peregrina* ii. 363.
 — *philomela* ii. 363, 369.
luscinioides (*Curruca*) ii. 363.
***luscinioides* (*Daulias*)** .. ii. 361, **363**,
 369, 371, 372, 373.
luscinioides (*Erythacus*) ii. 363.
 — (*Ficedula*) ii. 363.
 — (*Lusciola*) ii. 363.
 — (*Motacilla*) ii. 363.
 — (*Philomela*) ii. 363.
 — (*Sylvia*) ii. 363.
 — *major* (*Ficedula*) ii. 369.
 — *major* (*Motacilla*) ii. 369.
luscinioides (*Calamodyta*) ii. 627.
 — (*Cettia*) ii. 627.
***luscinioides* (*Locustella*)** ii. **627**,
 640.
 iii. 361.
luscinioides (*Lusciniopsis*) ii. 627.
 — (*Salicaria*) ii. 627.
 — (*Sylvia*) ii. 627, 629.
 — *brachyrhynchos* (*Lusciniopsis*) ii. 627.
 — *macrorhynchos* (*Lusciniopsis*) ii. 627.
 — *rufescens* (*Lusciniopsis*) ii. 627.
Luscinia ii. **603**, 609,
 637.
Luscinia lanceolata ii. 617.
Luscinia melanopogon .. ii. 601,
 603, **605**.
Luscinia savii ii. 627.
Luscinia (*Ficedula curruca*) ii. 597.
Lusciniopsis ii. 609.
 — *fluviatilis* ii. 621.
 — *fluviatilis alticeps* ii. 621.
 — *fluviatilis macrorhynchos* ii. 621.
 — *fluviatilis macroura* ii. 621.
 — *fluviatilis strepitans* ii. 621.
 — *hendersonii* ii. 617, 619.
 — *luscinioides* ii. 627.
 — *luscinioides brachyrhynchos* . ii. 627.
 — *luscinioides macrorhynchos* .. ii. 627.
 — *luscinioides rufescens* ii. 627.
 — *savii* ii. 627.
Lusciola ii. 275, 309, 327,
 339, 353, 361.
 — *akahige* ii. 332.
 — *aurorea* ii. 305.
 — *caligata* ii. 541.
 — *calliope* ii. 341.
 — *cyaneola orientalis* ii. 317.
 — *cyanura* ii. 355.
 — *erythrogastra* ii. 305.
 — *luscinioides* ii. 363.
 — *philomela* ii. 369.
 — *phoenicurus* ii. 277.
 — *rubecula* ii. 329.
Lusciola suecica ii. 311, 317.
 — *thytis* ii. 293.
 — *tithys* ii. 293.
lusitana (*Alauda*) iv. 330.
 — (*Ammomanes*) iv. 329.
lusitania (*Alauda*) iv. 329.
lusitania (*Ammomanes*) iv. 329.
lusitanus (*Columba turtur*) vii. 39.
lutea (*Galerita*) iv. 286, 303, 304.
luteolus (*Serinus*) iii. 549.
luteus (*Ardea canrocfagus*) vi. 251.
 — (*Parus*) ii. 261.
Lutuoeca ii. 185.
 — *leucocapilla* ii. 243.
 — *leucopyga* ii. 243.
luzoniensis (*Numenius*) viii. 227, 228,
 232, 245.
Lycos iv. 521.
 — *collaris* iv. 523.
 — *coronoides* iv. 533.
 — *monedula* iv. 523.
Lymnocyptes vii. 629, 653.
 — *gallinula* vii. 653.
Lyrurus vii. 203.
 — *derbianus* vii. 205.
 — *tetrix* vii. 205.
maal (*Petrocincla*) ii. 156, 157.
 — (*Petrocosyphus*) ii. 149.
maccownii (*Plectrophanes*) iv. 257.
macdougalli (*Sterna*) viii. 273.
macei (*Aquila*) v. 545.
 — (*Cuncuma*) v. 545.
 — (*Falco*) v. 545.
 — (*Haliaeetus*) v. 545.
 — (*Pontoaetus*) v. 545.
Maceranas vi. 655.
macgillivrayi (*Bulweria*) .. viii. 549, 552.
Machetes viii. **85**, 87.
Machetes alticeps viii. 87.
 — *minor* viii. 87.
 — *optatus* viii. 87.
 — *planiceps* viii. 87.
Machetes pugnax viii. **85**, **87**,
 199.
macqueeni (*Eupodotis*) vii. 395.
 — (*Houbara*) vii. 395.
***macqueeni* (*Otis*)** vi. 64,
 vii. 392, **395**.
macrocephala (*Strix*) v. 277.
macrocephalum (*Syrnium*) v. 277.
Macrochires iv. 581.
macroactyla (*Certhia*) iii. 195.
 — (*Sterna*) viii. 265.
macronyx (*Aegithalus*) iii. 166.
 — (*Anthus*) iii. 325.
macroptera (*Calandritis*) iv. 341.
 — (*Chætura*) iv. 613.
 — (*Melanocorypha*) iv. 341, 346.
 — (*Pallene*) iv. 613.
macroptera (*Sterna*) .. viii. 263, 264, 265,
 267, 272.
Macroptynx v. 347.
Macropus vi. 627, 654.
 — *stelleri* vi. 649.
Macroramphus vi. 655, 669.
Macrorhamphus viii. **185**.
 — ***griseus*** .. viii. **185**, **187**, 191.
Macrorhamphus punctatus viii. 187.
 — *scolopaceus* viii. 187, 191.
macrorhyncha (*Calamoherpe*) ii. 585.
 — (*Galerita*) iv. 301.
***macrorhyncha* (*Galerita*)** . iv. 289,
 290, 295, **301**.
macrorhyncha (*Nectris*) viii. 513.
macrorhynchos (*Aëdon bruchii*) .. ii. 553.
 — (*Aëdon galactodes*) ii. 547.
 — (*Aëdon meridionalis*) ii. 547.
 — (*Aëdon pallens*) ii. 547.
 — (*Colymbus*) viii. 615.
 — (*Corvus*) iv. 532.
 — (*Corythus enucleator*) iv. 111.
 — (*Curvirostra*) iv. 127.
 — (*Lusciniopsis fluviatilis*) ii. 621.
 — (*Lusciniopsis luscinioides*) .. ii. 627.
 — (*Nucifraga*) iv. 451.
 — (*Pelidna*) viii. 59.
 — (*Petronia*) iii. 607.
 — (*Saxicola oenanthe*) ii. 187.
 — (*Upupa*) v. 179.
macrorhynchus (*Clypeata*) vi. 497.
 — (*Corvus*) iv. 571.
 — (*Hæmatopus*) vii. 567.
macrotarsa (*Gelochelidon*) viii. 295.
 — (*Sterna*) viii. 295.
Macrotarsus vii. 585.
macroura (*Lusciniopsis fluviatilis*) . ii. 621.
 — (*Strix*) v. 277.
macrourus (*Caprimulgus ruficollis*)
 iv. 633.
 — (*Cuculus*) v. 219.
 — (*Pendulinus*) iii. 159.
macrura (*Sterna*) viii. 255, 256,
 265, 352.
macrurus (*Circus*) v. 441, 445.
 — (*Copsyclus*) ii. 551.
 — (*Falco*) v. 445.
 — (*Pendulinus*) iii. 159.
macularius (*Totanus*) viii. 125, 132.
maculata (*Actodromas*) viii. 11, 18.
 — (*Aquila*) v. 491.
 — (*Ardea*) vi. 269.
 — (*Galerita cristata*) iv. 286.
 — (*Gallinula*) vii. 267.
 — (*Limnocolinus*) viii. 11.
 — (*Merula*) ii. 113.
 — (*Motacilla*) iii. 317.
 — (*Muscicapa*) iii. 453.
 — (*Pelidna*) viii. 11.
 — (*Strix*) v. 237.

- maculata* (*Sylvia*) iii. 317.
***maculata* (*Tringa*)** viii. **11**, 12.
maculata (*Vitiflora*) iii. 317.
maculati-rostris (*Aquila*) v. 481.
maculatus (*Anthus*) iii. 317.
 — (*Caprimulgus*) iv. 621.
 — (*Caprimulgus europæus*) iv. 621.
 — (*Caryocatactes*) iv. 451.
 — (*Dendroanthus*) iii. 309.
 — (*Falco*) v. 491, 494, 499.
 — (*Larus*) viii. 427.
 — (*Pelecanus*) vi. 181.
 — (*Pipastes*) iii. 309, 313.
 — (*Tetrao*) vii. 223.
 — (*Totanus*) viii. 165.
 — (*Urogallus*) vii. 223.
maculicollis (*Columba*) vii. 55.
maculigera (*Upupa*) v. 179.
maculosa (*Drymœca*) iii. 11.
madagascariensis (*Accipiter*) v. 638.
 — (*Cisticola*) iii. 7.
 — (*Numenius*) viii. 245.
 — (*Porphyrio*) vii. 303, 304.
 — (*Scolopax*) viii. 243.
 — *torquatus* (*Apiaster*) v. 171.
***maderensis* (*Regulus*)** ii. 453,
 462, 464, **465**, 466.
maelbyensis (*Emberiza*) iv. 185.
magna (*Galerita*) iv. 286, 290,
 291, 292, 300.
 — (*Philomela*) ii. 369.
magnirostris (*Calamohërpe*) ii. 561.
 — (*Phylloscopus*) ii. 474.
 — (*Salicaria*) ii. 561.
 — (*Sylvia*) ii. 561.
magnus (*Falco*) v. 401.
major (*Accentor*) iii. 29.
 — (*Accipiter*) v. 610, 611.
 — (*Accipiter circus*) v. 587.
 — (*Alca*) viii. 563.
 — (*Anas nigra*) vi. 657.
 — (*Anthus*) iii. 335.
 — (*Aquila adalberti*) v. 517.
 — (*Ardea*) vi. 207.
 — (*Ardea botaurus*) vi. 217.
 — (*Ardea cinerea*) vi. 207.
 — (*Ardenna*) viii. 527.
 — (*Ascalopax*) vii. 631.
 — (*Astur*) v. 599, 609, 616, 618.
 — (*Buteo*) v. 449.
 — (*Calamohërpe*) ii. 579.
 — (*Cannabina*) iv. 31.
 — (*Certhius*) iii. 195.
 — (*Ciconia*) vi. 297.
 — (*Columba vitticollis*) vii. 45.
 — (*Corvus*) iv. 532, 567.
 — (*Corvus corone*) iv. 531.
 — (*Coturnix*) vii. 143.
 — (*Crucirostra*) iv. 121.
 — (*Cyanecula*) ii. 311.
major (*Dendrocopus*) v. 19.
 — (*Dryobates*) v. 19, 79.
 — (*Falco nisus*) v. 609, 610.
 — (*Falco subbuteo*) vi. 81.
 — (*Ficedula luscinia*) ii. 369.
 — (*Fulica*) vii. 327.
 — (*Galerita*) iv. 286.
 — (*Galerita theklae*) iv. 286.
***major* (*Gallinago*)** .. vii. 629, **631**,
 644.
major (*Hypotriorchis æsalon*) vi. 83.
 — (*Hypotriorchis lithofalco*) vi. 83.
 — (*Jynx*) v. 103.
 — (*Lanius*) iii. 376.
 — (*Laroides*) viii. 399.
 — (*Locustella vera*) ii. 611.
 — (*Luscinia*) ii. 369.
 — (*Mergus*) viii. 609.
 — (*Merula*) ii. 91.
 — (*Motacilla luscinia*) ii. 369.
 — (*Numenius*) viii. 243, 244, 245.
 — (*Otis*) vii. 369.
 — (*Otus*) v. 251.
 — (*Otus capensis*) v. 265.
***major* (*Parus*)** ii. 334,
 iii. 59, 77, **79**, 80, 81, 90, 94,
 104, 123, 135, 191, 380,
 v. 210.
major (*Perdix coturnix*) vii. 143.
 — (*Pernis apivorus*) vi. 3.
 — (*Phalacrocorax carbo*) vi. 152.
 — (*Phœnicopterus*) vi. 343.
 — (*Phyllopeuste*) ii. 491.
***major* (*Picus*)** iii. 154,
 v. 1, 5, 7, 10, 17, **19**, 21, 22, 23,
 24, 25, 26, 31, 34, 35, 36, 37,
 38, 42, 43, 46, 48, 49, 51, 55,
 56, 58, 62.
major (*Platalea*) vi. 324.
 — (*Plegadornis*) vi. 335.
 — (*Pluvialis*) vii. 401.
 — (*Podiceps*) viii. 643.
 — (*Procellaria*) viii. 527.
***major* (*Puffinus*)** viii. 523, 524,
 525, **527**, 528, 530, 552,
 — (*Pyrrhula*) .. iv. **97**, 99, 100,
 v. 210.
major (*Rubetra*) ii. 255.
 — (*Scolopax*) vii. 615, 631, 649,
 viii. 199.
 — (*Sterna*) viii. 289.
 — (*Strix noctua*) v. 257.
 — (*Sula*) vi. 181.
 — (*Telmatias*) vii. 631.
 — (*Tetrao*) vii. 223.
 — (*Turdus*) ii. 3.
 — (*Upupa*) v. 179, 180, 181.
 — (*Vitiflora*) ii. 187.
 — (*Yunx torquilla*) v. 103.
major nævius (*Mergus*) viii. 609.
majoroides (*Picus*) v. 22.
malabarica (*Alauda*) iv. 310, 312.
Malacocercus ii. 557.
 — *abornis* ii. 585.
malayana (*Oreocincla*) ii. 81.
malayanus (*Scops*) v. 334, 335.
Malurus ii. 439, 545,
 iii. 11, 19.
 — *gracilis* iii. 13.
 — *numidicus* iii. 21.
 — *provincialis* ii. 441.
 — *squamiceps* iii. 23.
mandarinus (*Picus*) v. 22.
***mandti* (*Uria*)** .. viii. 579, 583, 584,
 585, 586, **587**, 588.
mandtii (*Grylle*) viii. 587.
 — (*Uria*) viii. 587.
 — (*Uria grylle*) viii. 587.
manilla (*Petrocossyphus*) ii. 149.
 — (*Turdus*) ii. 149, 150.
manillensis (*Petrocincla*) ii. 150, 157, 160.
 — (*Petrocossyphus*) .. ii. 149, 150, 156,
 157, 158, 161.
 — (*Turdus*) ii. 150, 157.
mansuetus (*Anas*) vi. 419.
 — (*Cygnus*) vi. 419.
Mareca vi. **539**.
Mareca americana vi. 539, 546.
 — *fistularis* vi. 541.
 — *fistularis* vi. 541.
 — *glocitans* vi. 521.
 — *kagolka* vi. 541.
Mareca penelope .. vi. 539, **541**,
 546, 584.
margaritata (*Strix*) v. 237.
Margaroperdix striata vi. 107.
marginata (*Upupa*) v. 180, 183, 184.
marginatus (*Falco*) v. 587.
 — (*Phasianus*) vii. 85.
marginipennis (*Alauda*) iv. 286.
Marila vi. 549.
 — *frenata* vi. 565.
marila (*Anas*) vi. 551, 556, 565.
 — (*Aythya*) vi. 565.
***marila* (*Fuligula*)** vi. **565**.
marila (*Fulix*) vi. 565.
 — (*Nyroca*) vi. 565.
marilus (*Platypus*) vi. 565.
marina (*Aquila*) vi. 139.
 — (*Sterna*) viii. 255, 263.
marinus (*Dominicanus*) viii. 427.
***marinus* (*Larus*)** . vi. 184, 632, 633,
 viii. 401, 423, 425, **427**, 437,
 438, 439, 441.
marinus, var. (*Larus*) viii. 399.
maritima (*Arquatella*) viii. 69.
 — (*Pelidna*) viii. 69.
 — (*Saxicola œnanthe*) ii. 187.
 — (*Tadorna*) vi. 451.

- maritima* (*Tringa*) vii. 558.
 viii. 69, 199.
maritimus (*Totanus*) viii. 69.
Marmaronetta vi. 467.
 — *angustirostris* vi. 479.
Marmonetta vi. 467.
 — *angustirostris* vi. 479.
marmorata (*Anas*) vi. 467, 479, 482, 584.
 — (*Dafila*) vi. 479.
 — (*Fuligula*) vi. 479.
 — (*Otis*) vii. 395.
 — (*Zapornia*) vii. 267.
marsigli (*Ardea*) vi. 251.
martius (*Carbonarius*) v. 3.
 — (*Dendrocopus*) v. 3.
***martius* (*Dryocopus*)** v. 1, 3, 6, 42.
martius (*Dryopicos*) v. 3.
 — (*Dryopicus*) v. 3.
 — (*Dryotomus*) v. 3.
 — (*Picus*) v. 3, 7, 8, 10, 11, 14, 15.
 viii. 198, 199.
maruetta (*Octogometra*) vii. 267.
 — (*Ortygometra*) vii. 267.
***maruetta* (*Porzana*)** vii. 265, **267**,
 277, 280, 287, 315.
maruetta (*Rallus*) vii. 267.
mascuriensis (*Thalasseus*) viii. 285.
massiliensis (*Anthus*) iii. 317.
 — (*Motacilla*) iii. 317.
 — (*Sylvia*) iii. 317.
 — (*Vitiflora*) iii. 317.
matutina (*Alauda*) iv. 285.
maura (*Motacilla*) ii. 263.
 — (*Saxicola*) ii. 263.
 — (*Sylvia*) ii. 263.
***mauritanica* (*Pica*)** iv. 507, 510,
 511, 514, **519**.
mauritanus (*Picus*) v. 33.
mauvis (*Turdus*) ii. 35.
maxcuriensis (*Actocheilidon*) viii. 285.
maxillaris (*Curruca*) ii. 537.
maximus (*Bubo*) v. 339, 345.
 — (*Colymbus*) viii. 609.
 — (*Corax*) iv. 567.
 — (*Corvus*) iv. 567.
 — (*Larus*) viii. 427.
Mecistura iii. 61.
 — *caudata* iii. 63, 67.
 — *longicauda* iii. 67.
 — *longicaudata* iii. 63.
 — *pinetorum* iii. 67.
 — *rosea* iii. 63.
media (*Actocheilidon*) viii. 285.
 — (*Ardea cinerea*) vi. 207.
 — (*Calamoherpe*) ii. 579, 580.
 — (*Cannabina*) iv. 59.
 — (*Cerchneis*) vi. 113.
 — (*Coturnix*) vii. 143.
 — (*Crucirostra*) iv. 127.
 — (*Fringilla*) iv. 15.
media (*Gallinago*) iv. 268.
 vii. 631, 641.
 — (*Hippolais*) ii. 521.
 — (*Luscinia*) ii. 363.
 — (*Pica*) iv. 509, 516.
 — (*Saxicola*) ii. 263.
 — (*Scolopax*) vii. 631, 641.
***media* (*Sterna*)** viii. **285**.
medius (*Anser*) vi. 355, 375.
 — (*Buteo*) v. 449.
 — (*Cinclus*) ii. 167.
 — (*Dendrocoptes*) v. 47.
 — (*Dendrocopus*) v. 47.
 — (*Graculus*) vi. 151.
 — (*Numenius*) viii. 243.
 — (*Pendulinus*) iii. 159.
 — (*Phalacrocorax*) vi. 151.
 — (*Phalacrocorax carbo*) vi. 152.
***medius* (*Picus*)** v. 10, 21, 22, 27,
 37, 42, **47**, 48, 62.
 vii. 287.
medius (*Pipripicus*) v. 47.
 — (*Spinus*) iii. 541.
 — (*Trochilus*) ii. 491.
meena (*Columba*) vii. 45.
 — (*Turtur*) vii. 45, 47, 48, 52.
Megalestris viii. 455.
 — *catarrhactes* viii. 457.
Megaloperdix vii. 235.
 — *caspia* vii. 237.
 — *caucasica* vii. 237.
 — *raddei* vii. 241.
Megalophonus iv. 283.
 — *randonii* iv. 301, 302.
megalopectera (*Pica*) iv. 509.
megapus (*Melanitta*) vi. 657.
 — (*Edemia*) vi. 657.
megarhynchos (*Actitis*) viii. 127.
 — (*Certhia*) iii. 195.
 — (*Colymbus*) viii. 615.
 — (*Luscinia*) ii. 363.
 — (*Melanocorypha calandra*) iv. 367.
 — (*Pelidna*) viii. 3.
 — (*Phyllopneuste*) ii. 497.
 — (*Somateria*) vi. 643.
 — (*Sterna*) viii. 289.
megarhynchus (*Passer rufidorsalis*) iii.
 587.
 — (*Squatarola*) vii. 455.
megauros (*Clangula*) vi. 617.
 — (*Melanitta*) vi. 663.
 — (*Edemia*) vi. 663.
 — (*Somateria*) vi. 629.
meisneri (*Cephus*) viii. 581.
meisneri (*Uria*) viii. 581.
Melagavia melanocephalus viii. 365.
melanæetus (*Falco*) v. 521.
melanaëtus (*Aquila*) v. 533.
melanaëtus (*Aquila*) v. 493, 533.
 — (*Falco*) v. 533.
melandrios (*Sylvia*) ii. 417.
melanictera (*Tanagra*) iv. 151.
Melanitta vi. 655.
 — *fusca* vi. 657.
 — *gibbera* vi. 663.
 — *hornschuchii* vi. 657.
 — *megapuros* vi. 663.
 — *nigra* vi. 663.
 — *nigripes* vi. 663.
 — *perspicillata* vi. 669.
 — *platyrhynchos* vi. 657.
***melanocephala* (*Ardea*)** vi. **225**, **227**.
melanocephala (*Budytes*) iii. 273.
 — (*Cisticola*) iii. 6.
 — (*Curruca*) ii. 401.
 — (*Dumeticola*) ii. 401.
***melanocephala* (*Emberiza*)** iv.
151, 153, 155.
melanocephala (*Euspiza*) iv. 151, 154.
 v. 160.
 — (*Gavia*) viii. 365.
 — (*Granativora*) iv. 151.
***melanocephala* (*Motacilla*)** ii. 401.
 iii. 263, 269, 271, **273**, 274.
melanocephala (*Motacilla flava*) iii. 273.
 — (*Passerina*) iv. 151.
 — (*Pyrophthalma*) ii. 401.
***melanocephala* (*Sylvia*)** ii. 375,
 395, 399, 400, **401**, 402, 407,
 408, 409, 413, 424, 426, 449.
melanocephala minor (*Sylvia*) ii. 401, 407, 408.
melanocephalon (*Xema*) viii. 365.
melanocephalus (*Charadrius*) vii. 521.
 — (*Cheilodromas*) vii. 521.
 — (*Chroicocephalus*) viii. 365.
 — (*Croicocephalus*) viii. 365.
 — (*Garrulus*) iv. 491, 492, 493, 499.
 — (*Gypaëtus*) v. 401.
 — (*Himantopus*) vii. 587.
***melanocephalus* (*Larus*)** viii. 356,
 360, **365**, 413.
melanocephalus (*Melagavia*) viii. 365.
 — (*Melizophilus*) ii. 401.
 — (*Pluvianus*) vii. 521.
 — (*Strepsilas*) vii. 553, 563.
 — (*Xema*) viii. 365.
Melanocorypha iv. 327, 339,
359, 381.
Melanocorypha albigularis iv. 365, 367.
 — *alboterminata* iv. 361, 362, 368.
 — *arabs* iv. 329.
 — *arenaria* iv. 341.
Melanocorypha bimaculata iv.
361, 362, 363, 366, 368.
Melanocorypha brachydactyla iv. 341, 346,
Melanocorypha calandra iv. 359,
 361, 362, 363, **365**, 367,
 368, 369, 375.

- Melanocorypha calandra megarhynchos* iv. 367.
 — *cinctura* iv. 335.
 — *clot-bey* iv. 383.
 — *deserti* iv. 329.
 — *galeritaria* iv. 329.
 — *isabellina* iv. 329.
 — *itala* iv. 341.
 — *leucoptera* iv. 373.
 — *macroptera* iv. 341, 346.
 — *obsoleta* iv. 341.
 — *rufescens* iv. 361, 362.
 — *semitorquata* iv. 365, 368.
Melanocorypha sibirica . iv. **373**.
Melanocorypha subcalandra . . iv. 365, 367.
 — *tartarica* iv. 377.
 — *torquata* iv. 361, 362, 363.
Melanocorypha yeltoniensis . iv. **377**.
melanocrissa (*Hirundo*) iii. 498.
***melanogaster* (*Cinclus*)** ii. 168, 169, 170, 171, **177**, 178, 179, 180, 182, 183.
melanogaster (*Squatarola*) vii. 455.
 — (*Thalassidroma*) viii. 494.
 — (*Vanellus*) vii. 455.
melanogenys (*Falco*) vi. 35, 41.
melanognathus (*Carbo*) vi. 173.
 — (*Haliaeetus*) vi. 173.
melanoleuca (*Muscicapa*) ii. 211.
 — (*Pica*) iv. 509.
***melanoleuca* (*Saxicola*)** . . ii. 190, 193, 207, 208, 209, 210, **211**, 216, 217, 220.
melanoleucos (*Mergus*) viii. 591.
melanomus (*Plectrophanes*) iv. 257.
melanotus (*Falco*) v. 533.
melanonyx (*Procellaria*) viii. 491.
***melanope* (*Motacilla*)** . . . iii. 231, 237, **251**, 252, v. 210.
Melanopelargus vi. 295, 309.
 — *niger* vi. 309.
melanopogon (*Amnicola*) ii. 605.
 — (*Calamodyta*) ii. 586, 605.
 — (*Caricicola*) ii. 605.
 — (*Cettia*) ii. 605.
***melanopogon* (*Luscinola*)** . ii. 601, 603, **605**.
melanopogon (*Salicaria*) ii. 605.
 — (*Sylvia*) ii. 605.
melanopsis (*Bernicla*) vi. 389.
***melanoptera* (*Glareola*)** . . vii. 413, 414, 415, 417, **419**, 420.
melanoptera (*Muscicapa*) iii. 459.
 — (*Saxicola cenanthe*) ii. 187.
melanopterus (*Elanus*) v. 444, 663.
 — (*Falco*) v. 663.
 — (*Himantopus*) vii. 587, viii. 154.
melanopus (*Ardea*) vi. 243.
 — (*Numenius*) viii. 245.
melanopygius (*Totanus*) viii. 119.
melanorhinus (*Cygnus*) vi. 441.
melanorhyncha (*Ardea*) vi. 231.
 — (*Egretta*) vi. 231.
melanorhynchos (*Platalea*) vi. 324.
melanorhynchus (*Cygnus*) vi. 433.
 — (*Numenius*) viii. 227, 245.
 — (*Pyrgita*) iii. 587.
melanorhynchus (*Pelidna*) viii. 21.
***melanorhynchus* (*Sylvia*)** ii. **399**, 402.
melanotis (*Milvus*) v. 652.
 — (*Sterna*) viii. 289.
 — (*Sylochelidon*) viii. 289.
 — (*Thalassites*) viii. 289.
melanotos (*Actodromus*) viii. 15.
 — (*Lanius*) iii. 407.
 — (*Laroides*) viii. 421.
 — (*Pelidna*) viii. 15, 16.
melanotus (*Bubo*) v. 339.
melanura (*Fedoa*) viii. 211.
 — (*Limicola*) viii. 211.
 — (*Limosa*) viii. 199, 211.
 — (*Saxicola*) ii. 349.
 — (*Sula*) vi. 184.
melanuroides (*Limosa*) viii. 211, 213.
melaschistus (*Accipiter*) v. 614, 615, 616, 620, 628, 630.
melasomus (*Vanellus*) vii. 539.
***melba* (*Cypselus*)** iv. 586, 593, 594, **603**, 606, 608, 610, vi. 108.
melba (*Hirundo*) iv. 603.
 — (*Micropus*) iv. 603.
 — *alpinus* (*Cypselus*) iv. 603.
 — *fasciollis* (*Cypselus*) iv. 603.
 — *microrhynchus* (*Cypselus*) iv. 603.
melbus (*Cypselus*) iv. 603.
meleagrides (*Cathartes*) v. 391.
meleagris (*Vultur*) v. 391.
Meligavia viii. 355.
melissophonus (*Cuculus*) v. 219.
melitensis (*Procellaria*) viii. 491.
 — (*Thalassidroma*) viii. 491.
Melizophilus ii. 375, **439**, 637.
Melizophilus dartfordiensis ii. 441.
 — *melanocephalus* ii. 401.
 — *nigricapillus* ii. 401, 407.
 — *provincialis* ii. 441, 448.
 — *sarda* ii. 447.
Melizophilus sardus ii. 439, 443, **447**, 449.
Melizophilus undata ii. 441.
Melizophilus undatus ii. 439, **441**, 448, v. 210.
Melodes calliope ii. 341.
melodia (*Sylvia*) ii. 491.
Melopiza lincolni iii. 613.
Merganser vi. 683, 685.
 — *albellus* vi. 699.
 — *castor* vi. 685.
 — *cinereus* vi. 685.
 — *cristatus* vi. 693.
 — *minor* vi. 699.
 — *gulo* vi. 685.
 — *raii* vi. 685.
 — *serrata* vi. 693.
 — *serrator* vi. 693.
 — *stellatus* vi. 699.
***merganser* (*Mergus*)** vi. 683, **685**, 689, 702.
Mergellus vi. 683.
 — *albellus* vi. 699.
Mergoides vi. 549.
 — *rufina* vi. 559.
Mergus viii. **589**, 591.
 — *alle* viii. 589, **591**, 602.
Mergus arcticus viii. 591.
 — *melanoleucos* viii. 591.
Mergus vi. **683**, 694, 697, viii. 607.
 — *albellus* vi. 693, **699**, 702, 708.
Mergus albulus vi. 699.
 — *americanus* vi. 685.
 — *castor* vi. 685.
 — *cucullatus* vi. 683.
 — *gulo* vi. 685.
 — *gutturo nigro* viii. 615.
 — *rubro* viii. 621.
 — *leucomelanus* vi. 685.
 — *leucomelas* vi. 693.
 — *major* viii. 609.
 — *naevius* viii. 609.
Mergus merganser vi. 683, **685**, 689, 702.
Mergus minutus vi. 699.
 — *niger* vi. 693.
 — *orientalis* vi. 685.
 — *pannonicus* vi. 699.
 — *rubricapillus* vi. 685.
Mergus serrator vi. 401, 652, 653, 687, 689, **693**, 702, viii. 431.
Mergus serratus vi. 693.
meridionalis (*Aedon*) ii. 547.
 — (*Athene*) v. 358, 359.
 — (*Calamodyta*) ii. 585.
 — (*Carduelis*) iii. 527.
 — (*Carine*) v. 367.
 — (*Certhilauda*) iv. 275.
 — (*Cinclus*) ii. 167.
 — (*Circaetus*) v. 563.
 — (*Citrinella*) iv. 205.
 — (*Collyrio*) iii. 387.
 — (*Emberiza*) iv. 205, 207.
 — (*Fulmarus*) viii. 545.

- meridionalis* (*Gallinula*) vii. 316.
 — (*Gelochelidon*) viii. 295.
 — (*Gypaëstus*) v. 407.
 — (*Hydrochelidon*) viii. 315.
***meridionalis* (*Lanius*)** iii. 377,
 381, 382, **387**, 388,
 389, 390, 391.
meridionalis (*Noctua*) v. 367.
 — (*Noctua veterum*) v. 367.
 — (*Nycticorax*) vi. 269.
 — (*Picus*) v. 47.
 — (*Procellaria*) viii. 545.
 — (*Serinus*) iii. 549, 556.
 — (*Stagnicola*) vii. 316.
 — (*Strix noctua*) v. 367.
 — (*Totanus*) viii. 157.
 — *brachyrhynchos* (*Aëdon*) ii. 547.
 — *macrorhynchos* (*Aëdon*) ii. 547.
Meropidæ v. 153.
Merops v. **153**.
Merops ægyptius v. 165, 171.
Merops apiaster v. 144, 153,
155, 166, 167, 168, 169,
 vi. 128.
Merops chrysocephalus v. 155.
 — *chrysocercus* v. 165.
 — *congener* v. 155.
 — *elegans* v. 155.
 — *ferrugineiceps* v. 171.
 — *hungariæ* v. 155.
 — *indicus* v. 171.
 — *lamarcki* v. 171.
 — *longicauda* v. 165.
 — *orientalis* v. 171.
 — *persica* v. 165.
Merops persicus v. 160, **165**,
 167, 168.
Merops philippinus v. 168.
 — *ruficapillus* v. 165.
 — *ruficollis* v. 165.
 — *savignii* v. 165.
 — *savignyi* v. 165.
 — *superciliosus* v. 165, 168.
 — *torquatus* v. 171, 172, 174.
Merops viridis .. v. 160, **171**, 175.
Merops viridissimus v. 171, 172.
mersa (*Anas*) vi. 677.
 — (*Erismatura*) vi. 481, 677.
 — (*Fuligula*) vi. 677.
 — (*Undina*) vi. 677.
Merula ii. 1, 95,
 iv. 421.
 — *alpestris* ii. 113.
 — *alticeps* ii. 91.
 — *atrogularis* ii. 83.
 — *carniolica* ii. 91.
 — *collaris* ii. 113.
 — *leucogaster* ii. 83.
 — *maculata* ii. 113.
 — *major* ii. 91.
Merula merula ii. 91.
 — *montana* ii. 113.
 — *musica* ii. 19.
 — *pilaris* ii. 41.
 — *pinetorum* ii. 91.
 — *rosea* iv. 423.
 — *torquata* ii. 113.
 — *truncorum* ii. 91.
 — *unicolor* ii. 95.
 — *viscivora* ii. 3.
 — *vociferans* ii. 113.
 — *vulgaris* ii. 91.
merula (*Merula*) ii. 91.
 — (*Sylvia*) ii. 91.
***merula* (*Turdus*)** ii. 29,
 33, 51, **91**, 95, 99,
 124, 146,
 iii. 426,
 v. 208, 210.
merula &c. (*Turdus*) iii. 361.
 —, var. *montana* (*Turdus*) ii. 99.
 —, var. *syriaca* (*Turdus*) ii. 100.
Merulæ ii. 95.
merulinus (*Larus*) viii. 327.
***mesoleuca* (*Ruticilla*)** .. ii. **285**,
 286.
mesoleuca (*Sylvia*) ii. 285.
mesospilus (*Picus*) v. 19.
metopoleucos (*Sterna*) viii. 279.
Metoponia iii. 547.
 — *pusilla* iii. 561.
mexicana (*Anas*) vi. 497.
 — (*Certhia*) iii. 195, 201.
 — (*Loxia*) iv. 129.
 — *cristata* (*Ardea*) vi. 269.
mexicanus (*Corvus*) iv. 535.
 — (*Falcinellus*) vi. 335.
 — (*Falco*) vi. 64.
 — (*Tantalus*) vi. 335, 339.
 — *varius* (*Numenius*) vi. 335.
meyeri (*Fedoa*) viii. 203.
 — (*Limicula*) viii. 203.
 — (*Limosa*) viii. 203.
michahellesii (*Glaucus*) viii. 411.
 — (*Laroides*) viii. 411.
 — (*Larus*) viii. 411.
mielonia (*Anas*) vi. 617.
Microcarbo vi. 149.
 — *africanus* vi. 169.
 — *pygmæus* vi. 173.
microcephalus (*Bubo*) v. 339.
 — (*Otus*) v. 257.
Micronisus v. 597.
 — *badius* v. 571, 633, 635.
 — *brevipes* v. 633.
Micropalama himantopus viii. 189.
microphthalmos (*Strix*) v. 281, 284.
microphthalmum (*Syrnium*) v. 281.
micropterus (*Cuculus*) v. 204.
Microptynx passerina v. 349.
Micropus iv. 581.
Micropus affinis iv. 591.
 — *alpinus* iv. 603.
 — *apus* iv. 583.
 — *caffer* iv. 591.
 — *gutturialis* iv. 603.
 — *melba* iv. 603.
 — *murarius* iv. 583.
micropus (*Bernicla*) vi. 389.
 — (*Callichen*) vi. 559.
microrhyncha (*Muscicapa collaris*) iii. 459.
microrhynchos (*Alca*) viii. 557.
 — (*Cannabina*) iv. 59.
 — (*Chelidon*) iii. 505.
 — (*Colymbus*) viii. 621.
 — (*Corythus enucleator*) v. 111.
 — (*Cypselus melba*) iv. 603.
 — (*Hirundo boissoneautii*) iii. 473.
 — (*Lestris*) viii. 481.
microrhynchus (*Numenius*) .. viii. 221, 245.
 — (*Passer rufidorsalis*) ii. 587.
micrurus (*Falco*) vi. 31.
middendorffii (*Phyllopeuste*) ii. 507.
migrans (*Falco*) v. 651.
***migrans* (*Milvus*)** iv. 549,
 v. 436, 460, 483, 486,
 487, 647, **651**, 657,
 658, 659,
 vi. 131, 160.
migratorius (*Ectopistes*) vii. 37.
 — (*Turdus*) ii. 1.
 — (*Turtur*) vii. 39.
Miliaria iv. 149.
 — *europæa* iv. 163.
 — *germanica* iv. 163.
 — *peregrina* iv. 163.
 — *septentrionalis* iv. 163.
miliaria (*Citrinella*) iv. 163.
 — (*Cryptophaga*) iv. 163.
 — (*Cynchramus*) iv. 163.
***miliaria* (*Emberiza*)** .. iv. 149, 161,
163, 167, 369, 371,
 v. 208, 209, 210.
miliarius (*Spinus*) iv. 163.
milvipes (*Falco*) vi. 59.
milvoides (*Spizaetus*) v. 481.
Milvus v. **641**.
 — *ægyptius* v. 657.
Milvus ægyptius v. 654, **657**.
Milvus ætoliæ v. 651, 657.
 — *ater* v. 395, 651, 658,
 vi. 65.
 — *austriacus* v. 651.
 — *castaneus* v. 643.
 — *forskahli* v. 657.
 — *fuscus* v. 651.
 — *govinda* v. 485.
Milvus ictinus v. 460, 641,
643.

- Milvus korschun* v. 652.
 — *leucorhynchus* v. 657.
 — *melanotis* v. 652.
Milvus migrans v. 436,
 460, 483, 486, 487, 647, **651**,
 657, 658, 659.
 vi. 131, 160.
Milvus niger v. 651.
 — *parasiticus* v. 657.
 — *parasitus* v. 657.
 — *regalis* v. 10, 487, 643.
 vi. 11, 160.
 — *ruber* v. 643.
 — *vulgaris* v. 643.
milvus (*Accipiter*) v. 651.
 — (*Falco*) v. 643, 652.
 — *niger* (*Accipiter*) v. 651.
 — *regalis* (*Accipiter*) v. 643.
mimus (*Corvus*) iv. 471.
mindanensis (*Galgulus*) v. 149.
minima (*Gallinago*) vii. 653.
 — (*Passer linaria*) iv. 47.
 — (*Sylvia*) ii. 386.
minor (*Aëdon*) ii. 547.
 — (*Ægialitis*) vii. 491.
 — (*Alauda*) iii. 309.
 iv. 307, 387.
 — (*Anser bernicla*) vi. 397.
 — (*Anthus*) iii. 335.
 — (*Aquila adalberti*) v. 517.
 — (*Ardea*) vi. 289.
 — (*Ardea botaurus*) vi. 251.
 — (*Ardea candida*) vi. 245.
 — (*Ardea cinerea*) vi. 207.
 — (*Bonasia*) vii. 193.
 — (*Botaurus*) vi. 289.
 — (*Buteo*) v. 449, 457.
***minor* (*Calandrella*)** .. iv. 343, 344,
349, 351, 352, 353.
minor (*Calandritis*) iv. 349, 350.
 — (*Cannabina*) iv. 31.
 — (*Certhius*) iii. 195.
 — (*Charadrius*) vii. 491.
 — (*Chroicocephalus*) viii. 357.
 — (*Cinclus*) ii. 169, 181, 183.
 — (*Coccothraustes*) iii. 575.
 — (*Columba vitticollis*) vii. 45.
 — (*Colymbus*) viii. 567, 659.
 — (*Colymbus cornutus*) viii. 645.
 — (*Colymbus cristatus*) viii. 645.
 — (*Corvus*) iv. 534.
 — (*Corvus corone*) iv. 531.
 — (*Corythus*) iv. 111.
 — (*Coturnix*) vii. 143.
 — (*Cotyle*) iii. 507.
 — (*Cyanecula*) ii. 311.
 — (*Cygnus*) vi. 441.
 — (*Cygnus musicus*) vi. 441.
 — (*Dendrocopus*) v. 53.
 — (*Dryobates*) v. 53, 79.
minor (*Elanus*) v. 663.
 — (*Eneactonotus*) iii. 393.
 — (*Enucleator*) iv. 111.
***minor* (*Falco*)** vi. 37, 42, **43**,
 44, 47, 48.
minor (*Falco communis*) vi. 43.
 — (*Ficedula curruca*) ii. 383, 387.
 — (*Fulmarus*) viii. 535.
 — (*Galerita theklae*) iv. 286.
 — (*Garrulus*) iv. 484, 500.
 — (*Himantopus*) vii. 587, 591.
 — (*Hirundo*) iii. 495.
 — (*Hypotriorchis æsalon*) vi. 83.
 — (*Hypotriorchis lithofalco*) vi. 83.
 — (*Iliacus*) ii. 35.
 — (*Lagopus alpinus*) vii. 157.
***minor* (*Lanius*)** .. iii. 381, 383, 385,
 389, **393**, 394, 396, 403, 410, 419.
 v. 210.
minor (*Laroides*) viii. 447.
 — (*Larus*) viii. 439.
 — (*Larus ichthyæetus*) viii. 369.
 — (*Linaria*) iv. 47.
 — (*Locustella*) ii. 633.
 — (*Machetes*) viii. 87.
 — (*Merganser cristatus*) vi. 699.
 — (*Noctua*) v. 257.
 — (*Nucifraga*) iv. 451, 457.
 — (*Numenius*) viii. 224, 227, 245.
 — (*Nyctale*) v. 319.
 — (*Olor*) vi. 441.
 — (*Otis*) vii. 383.
 — (*Otocorys*) iv. 401.
 — (*Otus*) v. 251.
 — (*Pandion*) vi. 139.
 — (*Pelecanus*) vi. 193, 195, 196.
 — (*Perdix*) vii. 131.
 — (*Phalacrocorax*) vi. 163.
 — (*Philolimnos*) vii. 653.
 — (*Phœnicopterus*) vi. 343, 348.
 — (*Piculus*) v. 53.
***minor* (*Picus*)** iii. 127, 380.
 v. 5, 25, 26, **53**, 55, 58, 61,
 65, 66, 73, 78, 487.
 vi. 100.
minor (*Pipripicus*) v. 53.
 — (*Platalea*) vi. 324.
 — (*Plegadornis*) vi. 335.
 — (*Pluvialis torquata*) vii. 497.
 — (*Podiceps*) v. 210.
 viii. 632, 659.
 — (*Procellaria*) viii. 535.
 — (*Pyrgita*) iii. 587.
 — (*Rallus*) vii. 257.
 — (*Rallus aquaticus*) vii. 267.
 — (*Rissa*) viii. 447.
 — (*Scolopax gallinago*) vii. 653.
 — (*Scops*) v. 329.
 — (*Stagnicola*) vii. 313.
 — (*Sterna*) viii. 279.
minor (*Strepsilas*) vii. 555
 — (*Strepsilas collaris*) vii. 555
 — (*Sylbeocyclus*) viii. 659
 — (*Sylvia melanocephala*) ii. 401,
 407, 408.
 — (*Tachybaptus*) viii. 659.
 — (*Thalassidroma*) viii. 491.
 — (*Tringa cinclus*) viii. 21.
 — (*Trochilus*) ii. 485.
 — (*Turdus*) ii. 19, 351.
 — (*Upupa*) v. 180, 182.
 — (*Uria*) viii. 567, 581, 591.
 — (*Urogallus*) vii. 205.
 — (*Xylocopus*) v. 53.
 — (*Yunx torquilla*) v. 103.
 — *boissoneautii* (*Hirundo*) iii. 473.
 — *nigra* (*Uria*) viii. 581.
 — *striata* (*Uria*) viii. 581.
minus (*Anas glaucium*) vi. 573.
minuta (*Actodromas*) viii. 29.
 — (*Anas*) vi. 609, 613.
 — (*Aquila*) v. 481.
 — (*Ardea*) vi. 259, 261.
 — (*Ardeola*) ii. 304.
 vi. 259.
***minuta* (*Ardetta*)** vi. **259**, 263, 264,
minuta (*Botaurus*) vi. 259.
 — (*Gallinula*) vii. 283.
 — (*Gavia*) viii. 373.
 — (*Locustella*) ii. 617.
 — (*Muscicapa*) iii. 465.
 — (*Ortygometra*) vii. 283.
 — (*Pelidna*) viii. 29.
 — (*Porzana*) vii. 283.
 — (*Scheniclus*) viii. 29.
 — (*Scops*) v. 329.
***minuta* (*Sterna*)** .. viii. 268, **279**,
 282, 283, 392, 414.
minuta (*Sternula*) viii. 279.
 — (*Sylvia*) ii. 383.
***minuta* (*Tringa*)** vii. 477.
 viii. 6, **29**, 32, 33, 35, 36, **39**,
 47, 48, 52, 53, 65, 154.
minuta (*Zaporina*) vii. 283.
 — (*Zapornia*) vii. 283.
minutilla (*Actodromas*) viii. 51.
***minutilla* (*Tringa*)** viii. 13, 16,
 32, 33, **51**, 52, 53, 56.
minutum (*Xema*) viii. 373.
minutus (*Ægialitis*) vii. 491, 494, 495.
 — (*Anser*) vi. 383.
 — (*Butor*) vi. 259.
 — (*Charadrius*) vii. 491.
 — (*Chroicocephalus*) viii. 373.
 — (*Colymbus*) viii. 659.
 — (*Corvus*) iv. 535.
 — (*Histrionicus*) vi. 613.
 — (*Hydrocolceus*) viii. 373.
***minutus* (*Larus*)** .. viii. 339, **373**,
 375, 376, 377, 378, 379.

- minutus (Mergus) vi. 699.
 — (Numenius) viii. 245.
 — (Platypus) vi. 609.
 — (Podiceps) viii. 659.
 — (Porphyrio) vii. 307.
 — (Rallus) vii. 275.
 — (Telephonus) iii. 424.
 Mirafra iv. 327.
 — deserti iv. 329.
 — erythroptera iv. 200, 204.
 — phœnicuroides iv. 329.
 mitrata (Fulica) vii. 323.
 mitratus (Parus) iii. 151.
 — (Pelecanus) vi. 195, 196.
 — (Podiceps) viii. 629.
 mixtus (Rallus) vii. 283.
mlokosiewiczzi (Tetrao) . vii. **219**.
 modesta (Ardea) vi. 231.
 — (Egretta) vi. 231.
 — (Phyllopneuste) ii. 469.
 modestus (Phylloscopus) ii. 469.
 — (Reguloides) ii. 469.
 — (Regulus) ii. 469, 470.
 — (Turdus) ii. 71.
modularis (Accentor) ii. 616.
 iii. 33, **39**, 41, 42.
 v. 210.
 modularis (Motacilla) iii. 39.
 — (Prunella) iii. 39.
 — (Sylvia) iii. 39.
 — (Tharralesus) iii. 39.
mœsta (Saxicola) .. ii. 188, **227**,
 229.
mogilnik (Aquila) ii. 282.
 v. 507, 510, 511, 519, 520, **521**, 522.
 mogilnik (Falco) v. 511, 521.
 — bifasciata (Aquila) v. 507.
 mokoho (Ardea) vi. 289.
 molaria (Curruca) ii. 383.
 mollissima (Anas) vi. 629, 652.
mollissima (Somateria) .. vi. 184,
 627, **629**, 632, 642, 643,
 644, 647, 652.
 momus (Curruca) ii. 401, 407, 408.
momus (Sylvia) ii. **407**, 408.
 monacha (Dromolæa) ii. 239, 240,
 243, 244.
monacha (Saxicola) .. ii. 189, 218,
239, 240.
 Monachus ii. 375, 421.
 monachus (Anas) vi. 389.
monachus (Vultur) .. v. 374, 375,
 380, 381, **383**.
 vii. 388.
 Monedula iv. 521.
 — arborea iv. 523.
 — nigra iv. 523.
 — nigra spermologos iv. 523.
 — septentrionalis iv. 523.
 Monedula spermologos iv. 523.
 — turrium iv. 523.
 monedula (Colœus) iv. 523.
monedula (Corvus) ii. 157.
 iv. 521, **523**, 524.
 monedula (Lycos) iv. 523.
 — candida (Corvus) iv. 523.
 — nigra (Corvus) iv. 523.
 — torquata (Corvus) iv. 523.
 mongolica (Ægialitis) vii. 476, 477,
 478.
 — (Alauda) iv. 356.
 mongolicus (Charadrius) vii. 459.
 — (Phasianus) v. 476.
 monolophos (Upupa) v. 180.
 montagui (Circus) v. 423.
 — (Gallinago) vii. 631.
 montana (Alauda) iv. 307.
 — (Anthus) iii. 309.
 — (Butalis) iii. 447.
 — (Crucirostra) iv. 127.
 — (Emberiza) iv. 261.
 — (Eudromias) vii. 507.
 — (Fringilla) iii. 549, 597.
 — (Hirundo) iii. 513.
 — (Linaria) iv. 65.
 — (Merula) ii. 113.
 — (Motacilla) iii. 251.
 — (Passer linaria) iv. 59.
 — (Perdix) vii. 131.
 — (Phyllopneuste) ii. 503.
 — (Pyrgita) iii. 597.
 — (Ruticilla) ii. 293.
 — (Saxicola) ii. 129, 185, 215.
 — (Sylvia) ii. 561.
 montanella (Motacilla) iii. 35.
 — (Prunella) iii. 35.
 — (Sylvia) iii. 35.
montanellus (Accentor) .. iii. **35**,
 36, 37.
 montanellus (Anthus) iii. 285.
 montanina (Passer) iii. 597.
 montanus (Acrocephalus) ii. 561.
 — (Anthus) iii. 335.
 — (Apternus) v. 69.
 — (Buteo) v. 447.
 — (Corvus) iv. 567.
 — (Corvus corone) iv. 531.
 — (Cypselus) iv. 591.
 — (Hortulanus) iv. 253.
 — (Lagopus) vii. 157.
 — (Lanius) iii. 413.
 — (Parus cinereus) iii. 107, 110.
montanus (Passer) iii. **597**,
 604.
 v. 210.
 montanus (Picoides) v. 69.
 — (Picus) v. 19.
 — (Pipastes) iii. 309.
 — (Pyrrhocorax) iv. 445.
 montanus (Tetrao) vii. 131, 157.
 — cinereus (Falco) v. 431.
Monticola ii. **127**, 149, 185.
 iii. 363.
 — **cyanus** ii. **127**, **139**.
 Monticola erythropterus ii. 150.
Monticola saxatilis .. ii. 122, 127,
129, 134, 146.
 v. 210.
 monticola (Ardea) vi. 217.
 — (Saxicola) ii. 189.
 monticolus (Cichlops) iii. 325.
Montifringilla iii. **615**.
 iv. 83.
 Montifringilla alpicola iii. 619.
 — glacialis iii. 617.
 — hæmatopygia iv. 397.
Montifringilla nivalis iii. 615,
617, 619.
 iv. 266, 396.
 Montifringilla sanguinea iv. 91.
montifringilla (Fringilla) .. ii. 511.
 iv. **15**, 21, 22.
 v. 210.
 montifringilla (Struthus) iv. 15.
 montium (Acanthis) iv. 59.
 — (Cannabina) iv. 59.
 — (Fringilla) iv. 59.
 — (Linaria) iv. 59.
 — (Linota) iv. 59.
 — (Motacilla) iii. 251.
 moreatica (Alauda) iv. 316.
 — (Phileremos) iv. 341.
 moreleti (Fringilla) iv. 9, 10.
 Morinella vii. 553.
 — collaris vii. 555.
 morinella (Eudromias) vii. 507.
 — (Tringa) vii. 555.
 Morinellus vii. 473, 505.
 — asiaticus vii. 479.
 — caspius vii. 479.
 — sibiricus vii. 507.
 morinellus (Charadrius) vii. 461, 507,
 518, 603.
 — (Cinclus) vii. 555.
morinellus (Eudromias) vii.
 462, 481, 505, **507**.
 morinellus (Pluvialis) vii. 507.
morio (Saxicola) ii. 189, 232,
 233, **235**, 236.
 Moris vi. 179.
 — bassana vi. 181.
 moritanus (Sturnus) iii. 29.
 Mormon viii. 597, 599.
 — arctica viii. 599.
 — arcticus viii. 599.
 — corniculata viii. 600.
 — fratercula vi. 652,
 viii. 599.

- Mormon glacialis viii. 599.
 — grabæ viii. 599.
 — polaris viii. 599.
 morphnoides (Aquila) v. 485.
 Morus vi. 179.
 — bassanus vi. 181.
 mosellana (Alauda) iii. 317.
Motacilla . . . ii. 185, 275, 309, 327,
 339, 353, 361, 375, 439,
 451, 467, 515, 557, 609.
 iii. 27, 193, 217, **231**,
 283, 363.
 — **alba** iii. 231, **233**, 236,
 239, 240, 241, 243,
 256, 257, 266.
 iv. 236.
 v. 210.
 Motacilla alba lugubris iii. 239.
 — albeola iii. 233.
 — acredula ii. 469.
 — algira iii. 241.
 — alpina iii. 29.
 — anglorum iii. 277.
 — aquatica ii. 591.
 — arundinacea ii. 567.
 — atrata ii. 293.
 — atricapilla ii. 421.
 — aureocapilla iii. 245.
 — baicalensis iii. 233.
 — bistrigata iii. 251, 261.
 — boarula iii. 251, 261.
 — borin ii. 383.
 — brachyrhynchus iii. 233.
 — brissoni iii. 233.
 — cærulecula ii. 317.
 — calliope ii. 341.
 — campestris iii. 261, 277,
 278, 279.
 — ceraunia ii. 305.
 — certhiola ii. 633.
 — cervina iii. 299, 305.
 — chrysoogastra iii. 261.
 — cinerea iii. 233, 251.
 — cinereocapilla iii. 265, 269, 274.
Motacilla citreola . . . iii. **245**, 247,
249, 296, 297.
 Motacilla citreoloides iii. 247.
 — citrinella iii. 245.
 — curruca ii. 383.
 — cyanura ii. 355.
 — cyanurus ii. 355.
 — dukhunensis iii. 233, 236.
 — dumetorum ii. 383.
 — erythrogastra ii. 305.
 — erythrorus ii. 293.
 — feldegg iii. 273.
 — feldeggii iii. 273.
 — fervida ii. 255.
 — ficedula iii. 447, 453.
 — fitis ii. 491.
Motacilla flava . . . iii. 231, 251, 255,
 257, **261**, 263, 264, 265, 266,
 269, 270, 271, 273, 274, 275,
 276, 277, 279, 280.
 v. 210.
 vii. 633.
 Motacilla flava, var. africana iii. 273.
 — —, var. anglica iii. 277.
 — —, var. borealis iii. 269.
 — —, var. dalmatica iii. 273.
 — —, var. vulgaris iii. 261.
 — — cinereocapilla iii. 269.
 — — melanocephala iii. 273.
 — — rayi iii. 277.
 — flaveola iii. 261, 277.
 — flavescens iii. 261.
 — fruticeti ii. 377.
 — gibraltariensis ii. 293.
 — hippolais ii. 411, 521.
 — hortensis ii. 429.
 — hudsonica iii. 331.
 — hypolais ii. 521.
 — kaleniczenkii iii. 273.
 — leucogastra ii. 401.
 — leucomela ii. 231.
 — leucorhoa ii. 187.
 — lindermayeri iii. 273.
 — lotor iii. 239.
Motacilla lugubris . . . iii. 234, 236,
 237, **239**, 242, 243.
 v. 210.
 Motacilla lusciniæ ii. 363.
 — lusciniæ major ii. 369.
 — maculata iii. 317.
 — massiliensis iii. 317.
 — maura ii. 263.
Motacilla melanocephala . . . ii. 401.
 iii. 263, 269, 271, **273**, 274.
 — **melanope** iii. 231, 237,
251, 252.
 v. 210.
 Motacilla modularis iii. 39.
 — montana iii. 251.
 — montanella iii. 35.
 — montium iii. 251.
 — nævia ii. 611.
 — neglecta iii. 261.
 — nigricapilla iii. 273.
 — nisoria ii. 435.
 — ocularis iii. 236.
 — œnanthe ii. 187.
 — passerina ii. 383, 390.
 — philomela ii. 369.
 — phœnicurus ii. 277.
 — proregulus ii. 469.
 — provincialis ii. 441.
Motacilla raii . . . iii. 248, 263, 264,
 265, 275, **277**.
 v. 210.
 Motacilla regulus ii. 453.
 — rivalis iii. 251.
 — rubecula ii. 329.
 — rubetra ii. 255.
 — rubicola ii. 263, 273.
 — rufa ii. 377.
 — rufa et lotharingica ii. 485.
 — rupicola ii. 263.
 — salicaria ii. 429, 541.
 — schoenobænus ii. 597.
 — scolopacina iii. 195.
 — senegalensis ii. 255.
 — septentrionalis iii. 233.
 — sibilatrix ii. 497.
 — spipola iii. 309.
 — stapazina ii. 203.
 — strapazina ii. 199.
 — suecica ii. 317.
 — sulphurea iii. 251, 252, 278.
 — superciliosa ii. 469, 470.
 — sylvestris iii. 233.
 — sylvia ii. 377, 383.
 — trochilus ii. 491.
 — troglodytes iii. 219.
 — tschecantschia ii. 263.
 — tschutschensis iii. 251.
 — undata ii. 441.
 — vidua iii. 241.
Motacilla viridis . . . iii. 249, 250,
 263, 265, 266, **269**, 274,
 275, 276, 296, 297.
 v. 210.
 Motacilla vitiflora ii. 187.
 — xanthoschistos iii. 251.
 — yarrellii iii. 239, 242.
 motacilla (Ficedula) iii. 233.
 — cinerea (Ficedula) iii. 233.
 — flava (Ficedula) iii. 251.
 — verna (Ficedula) iii. 261.
 Motacillidæ ii. 165.
 iii. 231.
 motzfeldi (Uria) viii. 586.
 moussieri (Erithacus) ii. 301.
 — (Pratincola) ii. 301.
moussieri (Ruticilla) ii. **301**,
 302, 303, 304.
 mugitans (Ardea) vi. 293.
 — (Botaurus) vi. 289.
 mülleri (Calidris) viii. 101.
 — (Larus) viii. 427.
 multimaculata (Nucifraga) iv. 452.
 munipurensis (Cisticola) iii. 3, 6.
 muraria (Certhia) iii. 207.
 — (Petrodroma) iii. 207.
 — (Phœnicura) ii. 277.
muraria (Tichodroma) . . . iii. 205,
207, 209.
 murarius (Apus) iv. 583.
 — (Brachypus) iv. 583.
 — (Cypselus) iv. 583, 597, 601.
 — (Cypselus apus) iv. 583.

- murarius* (*Micropus*) iv. 583.
***murina* (*Pyrrhula*)** iv. 99, 100,
 107.
murinus (*Cypselus*) iv. 597.
murum (*Buteo*) v. 449.
 — (*Cerchneis*) vi. 113.
Muscicapa ii. 185.
 iii. 363, **445**, 447.
Muscicapa albicollis iii. 459, 461.
 — *albifrons* iii. 459.
 — *alticeps* iii. 453.
Muscicapa atricapilla .. iii. **453**,
 460, 461, 462, 463.
Muscicapa atricapilla, var. iii. 459.
 — *atrogrisea* iii. 453.
Muscicapa collaris .. iii. 457, 458,
 459.
Muscicapa collaris albifrons iii. 459.
 — — *atrostriata* iii. 459.
 — — *microrhyncha* iii. 459.
 — *fuscicapilla* iii. 453.
 — *griseola* iii. 447.
Muscicapa grisola .. ii. 359, 514.
 iii. 445, **447**, 456, 484.
 v. 210.
 vi. 109.
Muscicapa hyperythra iii. 468.
 — *lais* iii. 465.
 — *leucomela* ii. 231.
 — *leucura* iii. 466, 468.
 — *luctuosa* iii. 453.
 viii. 141.
 — *maculata* iii. 453.
 — *melanoleuca* ii. 211.
 — *melanoptera* iii. 459.
 — *minuta* iii. 465.
 — *muscipeta* iii. 453.
 — *nigra* iii. 453.
Muscicapa parva iii. **465**,
 468, 469.
Muscicapa rubecula iii. 465.
 — *rufogularis* iii. 465.
 — *speculifera* iii. 453.
 — *speculigera* iii. 453.
 — *streptophora* iii. 459.
Muscicapæ iv. 226.
Muscicapidæ iii. 363, 373.
Muscipeta ii. 515, 557, 609.
 — *arundinacea* ii. 567.
 — *hippolais* ii. 521.
 — *lacustris* ii. 579.
 — *locustella* ii. 611.
 — *olivacea* ii. 611.
 — *phragmitis* ii. 597.
 — *salicaria* ii. 591.
muscipeta (*Muscicapa*) iii. 453.
 — (*Sylvia*) ii. 263.
musica (*Calamoherpe*) ii. 573.
 — (*Clangula*) vi. 617.
musica (*Curruca*) ii. 411.
 — (*Galerita*) iv. 321.
 — (*Merula*) ii. 19.
 — (*Sylvia*) ii. 19.
musicus (*Anthus*) iii. 285.
***musicus* (*Cygnus*)** vi. 421, 426,
 433, 437, 441, 442, 444,
 446, 447.
musicus (*Iliacus*) ii. 19.
 — (*Olor*) vi. 433.
***musicus* (*Turdus*)** .. ii. **19**, 23, 30,
 39, 41, 86, 97, 124.
 v. 210.
 viii. 140.
musicus minor (*Cygnus*) vi. 441.
mustelina (*Emberiza*) iv. 261.
mutabilis (*Alauda*) iv. 377.
 — (*Gallinula*) vii. 307.
 — (*Turdus*) ii. 87.
mutans (*Buteo*) v. 449.
 — (*Falco*) v. 449.
***mutus* (*Lagopus*)** .. vii. 155, **157**,
 159, 162, 163, 175, 176, 177,
 184, 185.
mutus (*Tetrao*) vii. 157, 175.
Mycteria senegalensis vii. 535.
mystacea (*Pyrophthalma*) ii. 407.
 — (*Sylvia*) ii. 391, 407, 408.
mystacea (*Regulus*) ii. 459.
Mystacinus iii. 47.
 — *arundinaceus* iii. 49.
 — *biarmicus* iii. 49.
 — *dentatus* iii. 49.
 — *russicus* iii. 49.
mystacinus (*Turdus*) ii. 86.

nævnia (*Aquila*) v. 491, 492, 493, 494,
 501, 504, 509, 515.
 vii. 388.
 — (*Ardea*) vi. 207, 269.
 — (*Ardea ardeola*) vi. 259.
 — (*Glareola*) vii. 411.
***nævnia* (*Locustella*)** .. ii. 609, **611**,
 614.
 v. 210.
nævnia (*Motacilla*) ii. 611.
 — (*Sterna*) viii. 327.
 — (*Tringa*) viii. 77.
 — (*Tringa calidris*) viii. 77.
 —, var. (*Aquila*) v. 507.
 —, var. *bifasciata* (*Aquila*) v. 507.
 —, var. *orientalis major* (*Aquila*) v. 507.
nævnioides (*Aquila*) v. 504, 507, 513,
 514, 528, 532.
 — (*Falco*) v. 513.
nævnius (*Actidurus*) viii. 111.
 — (*Ardea botaurus*) vi. 269.
 — (*Charadrius*) vii. 455.
 — (*Colymbus*) viii. 639.

nævnius (*Coracias*) v. 149.
 — (*Falco*) v. 493, 494, 587.
 — (*Galgulus*) v. 149.
 — (*Larus*) viii. 357, 427, 447.
 — (*Mergus major*) viii. 609.
 — (*Nycticorax*) vi. 270.
 — (*Tringa totanus*) viii. 157.
nana (*Sylvia*) ii. 397.
 — (*Tringa*) viii. 51.
narbonensis (*Parus*) iii. 159.
nasicus (*Corvus*) iv. 535.
 — (*Numenius*) viii. 243.
natans (*Glottis*) viii. 173.
 — (*Scelopax*) viii. 165.
 — (*Totanus*) viii. 165.
nattereri (*Certhia*) iii. 195.
 — (*Sylvia*) ii. 503.
Nauclerus furcatus v. 608.
naumanni (*Falco*) vi. 125, 133.
 — (*Troglodytes*) iii. 219.
***naumanni* (*Turdus*)** ii. **59**, 60,
 61, 62, 63, 64, 65, 69, 86.
naumannii (*Turdus*) ii. 59, 63, 85.
Nectris viii. 511.
 — *amaurosoma* viii. 523, 524.
 — *anglorum* viii. 517.
 — *baroli* viii. 517.
 — *cinerea* viii. 513, 527.
 — *fuliginosa* viii. 523.
 — *macrorhyncha* viii. 513.
 — *obscura* viii. 517.
 — *puffinus* viii. 517.
neglecta (*Columba*) vii. 11, 17.
 — (*Motacilla*) iii. 261.
 — (*Sitta*) iii. 176.
neglectus (*Anthus*) iii. 336, 340.
 — (*Budytes*) iii. 277.
 — (*Corvus*) iv. 527.
Nematura vii. 73.
nemorosa (*Alauda*) iv. 321.
 — (*Galerida*) iv. 321.
Nemura ii. **353**.
 — ***cyanura*** ii. 353, **355**,
 356, 359.
Nemura rufilata ii. 355, 359.
 — *rufilatus* ii. 355.
Neophron v. **389**, 394, 409,
 411, 583.
Neophron ægyptiacus v. 391.
 — *ginginianus* v. 392, 396.
Neophron percnopterus .. v. 384,
 389, **391**, 395, 396, 406, 408.
Neophron pileatus v. 394, 658.
nepalensis (*Tichodroma*) iii. 207.
neréis (*Procellaria*) viii. 510.
nestor (*Podiceps*) viii. 663.
Netta vi. 549.
 — *rufina* vi. 559.
Nettion crecca vi. 507.

- neumayeri (Sitta)** iii. 176,
183, 185.
- nepcii (Carbo) vi. 173.
— (Phalacrocorax) vi. 173.
- nigelli (Lophophorus) vii. 241.
- niger (Accipiter milvus) v. 651.
— (Ægyptius) v. 383.
— (Cypselus) iv. 583.
— (Cypselus apus) iv. 583.
— (Falco) v. 533.
— (Halieus) vi. 173.
— (Hydrochelidon) viii. 321, 324.
— (Hydrocorax) vi. 173.
— (Melanopelargus) vi. 309.
— (Mergus) vi. 693.
— (Milvus) v. 651.
— (Platypus) vi. 663.
— (Tantalus) vi. 335.
— (Vultur) v. 383, 401.
- nigra (Alauda) iv. 377.
— (Anas) vi. 663.
— (Aquila) v. 533.
— (Ardea) vi. 309.
- nigra (Ciconia)** vi. 309, 310,
315, 316.
- nigra (Corvus monedula) iv. 523.
— (Dromolæa) ii. 243, 244.
— (Fuligula) vi. 663.
- nigra (Hydrochelidon)** viii. 313,
316, 319, 321, 324, 327.
- nigra (Melanitta) vi. 663.
— (Monedula) iv. 523.
— (Muscicapa) iii. 453.
- nigra (Oedemia)** vi. 472, 655,
658, 660, 663, 667.
- nigra (Oedemia) vi. 663.
— (Oidemia) vi. 663.
— (Pyrrhula) iv. 101.
— (Scolopax) viii. 165.
— (Sterna) viii. 268, 319, 327.
— (Uria minor) viii. 581.
— (Viralva) viii. 327.
—, &c. (Anas) vi. 669.
— et fusca (Anas) vi. 657, 663.
— major (Anas) vi. 657.
— spermologos (Monedula) iv. 523.
- nigricans (Bernicla) vi. 392.
— (Buteo) v. 463, 466.
— (Colymbus) viii. 645.
— (Colymbus fluviatilis) viii. 659.
— (Galerita) iv. 286.
— (Hydrochelidon) viii. 327.
— (Podiceps) viii. 645.
— (Pycnonotus) iii. 357, 358, 361.
— (Tringa) viii. 69.
- nigricapilla (Budytes) iii. 269, 273.
— (Curruca) ii. 421.
— (Motacilla) iii. 273.
— (Sylvia) ii. 407.
- nigricapillus (Melizophilus) ii. 401, 407.
- nigriceps (Falco) vi. 31, 41.
— (Pyrrhulauda) iv. 336.
- nigricollis (Himantopus) vii. 587, 594.
- nigricollis (Podiceps)** viii. 632,
648, 651, 652, 654, 656.
- nigripennis (Circus) v. 431.
— (Strigiceps) v. 431.
— (Upupa) v. 180, 184.
- nigripes (Anthus) iii. 335.
— (Ardea) vi. 239.
— (Garzetta) vi. 239.
— (Melanitta) vi. 663.
— (Oedemia) vi. 663.
- nigrirostris (Ardea) vi. 239.
— (Egretta) vi. 231.
- nigro (Mergus gutture) viii. 615.
- nigropileus (Turdus) ii. 95.
- nigrotis (Larus) viii. 373.
- nigrum (Hydrochelidon) viii. 327.
- nilgiriensis (Turdus) ii. 81.
- nilotica (Gallinago) vii. 641.
— (Gelochelidon) viii. 295.
— (Hydrochelidon) viii. 315.
— (Strix) v. 367.
- nilsonii (Regulus) ii. 459.
- nipalensis (Aquila)** v. 504, 507,
511, 575.
- nipalensis (Certhia) iii. 202.
— (Chelidon) iii. 499.
— (Circus) v. 423.
— (Cypselus) iv. 591.
— (Pyrrhula) iv. 99.
— (Ruticilla) ii. 289.
— (Troglodytes) iii. 222.
—, var. atrata (Phoenicurea) ii. 289.
- Nisaëtus** v. 479, 573.
— **fasciatus** v. 489, 573, 575,
vi. 40.
- Nisaëtus grandis v. 575.
— niveus v. 575.
— pennatus v. 481.
— strenuus v. 575.
- Nisoria ii. 375.
— undata ii. 435.
- nisoria (Curruca) ii. 435.
— (Motacilla) ii. 435.
— (Noctua) v. 301.
— (Strix) v. 301, 351.
- nisoria (Sylvia)** ii. 375, 435,
528, 623,
iii. 404,
v. 210.
- nisoria (Telmatias) vii. 631.
- nisorius (Adophonus) ii. 435.
- nisosimilis (Accipiter) v. 599.
- Nisus v. 597.
— communis v. 599.
— elegans v. 599.
— fringillarius v. 599.
— fringillarum v. 599.
- Nisus peregrinus v. 599.
- nisus (Accipiter)** v. 597, 599,
605, 606, 609, 611, 613,
615, 636, 638.
- nisus (Astur) v. 599.
— (Buteo) v. 599.
— (Falco) v. 599.
— (Halieëtus) v. 551.
— (Sparvius) v. 599.
— major (Falco) v. 609, 610.
- nitens (Sturnus) iv. 405, 409, 410,
413, 415, 417.
- nitidus (Phylloscopus) ii. 468, 508.
- nitzschii (Sterna) viii. 255.
- niuea (Ardea) vi. 239.
- nivalis (Alauda) iv. 387.
— (Anas) vi. 413.
— (Emberiza) iii. 617,
iv. 261, 374.
— (Fringilla) iii. 617.
— (Leucosticte) iii. 617.
- nivalis (Montifringilla)** iii. 615,
617, 619,
iv. 266, 396.
- nivalis (Orites) iii. 617.
— (Otocorys) iv. 401.
— (Passer fringilla) iii. 617.
— (Passerina) iv. 261.
- nivalis (Plectrophanes)** iii. 620,
iv. 251, 257, 260, 261.
- nivea (Ardea) vi. 239.
— (Ciconia) vi. 297.
— (Garzetta) vi. 239.
— (Gavia) viii. 349.
— (Noctua) v. 287.
— (Nyctea) v. 287.
— (Platalea) vi. 319.
— (Rissa) viii. 381.
— (Strix) v. 287.
— (Tadorna) vi. 413.
— (Uria) viii. 581.
— americana (Nyctea) v. 287.
— europæa (Nyctea) v. 287.
- niveus (Anser) vi. 413.
— (Larus) viii. 381, 385, 386.
— (Nisaetus) v. 575.
— (Pagophila) viii. 349.
— (Rissa) viii. 447.
- nivigula (Glottis) viii. 173.
- nivosa (Ægialitis) vii. 484, 487.
- nobilis (Aquila) v. 533.
— (Corvus) iv. 532, 567, 575.
— (Fringilla) iv. 3.
- noctivagus (Podiceps) viii. 659, 665.
- Noctua v. 249, 285, 299, 317, 347, 355.
— funerea v. 309.
— glaux v. 367.
— meridionalis v. 367.
— minor v. 257.
— nisoria v. 103.

- Noctua nivea* v. 287.
 — *nyctea* v. 287.
 — *passerina* v. 349, 367.
 — *persica* v. 367.
 — *tengmalmi* v. 319.
 — *veterum* v. 367.
 — *veterum meridionalis* v. 367.
noctua (Athene) v. 323, 335,
 350, 353, 355, **357**, 359,
 363, 367, 368, 369.
noctua (Strix) v. 357, 367.
 — (*Surnia*) v. 357.
 — *major (Strix)* v. 257.
 — *meridionalis (Strix)* v. 367.
Nomadites iv. 421.
 — *roseus* iv. 423.
nordmanni (Glareola) vii. 415, 419.
norvegicus (Falco) vi. 15.
 — (*Picus*) v. 95.
norwegica (Somateria) vi. 629.
 — (*Uria*) viii. 567.
norvegicus (Falco gyrfalco) vi. 15.
notata (Emberiza) iv. 261.
novæ-hollandiæ (Graculus) vi. 151.
 — (*Phalacrocorax*) vi. 151.
 — (*Podiceps*) viii. 659.
 — (*Strix*) v. 240.
novæ-zealandiæ (Hicracydaea) v. 627.
 — (*Limosa*) viii. 206, 208, 213.
novæ-zealandiæ (Himantopus) vii. 594.
noveboracensis (Limosa) viii. 203.
 — (*Scolopax*) viii. 187.
 — (*Totanus*) viii. 187.
nubicus (Anthus pratensis) iii. 299.
 — (*Enneoctonus*) iii. 417.
nubicus (Lanius) .. iii. 402, **417**,
 418.
nubicus (Leucometopon) iii. 417.
 — (*Otogyps*) v. 377.
Nucifraga iv. **449**, 469.
Nucifraga alpestris iv. 451.
 — *arquata* iv. 451.
 — *brachyrhynchos* iv. 451, 455.
Nucifraga caryocatactes .. iv. 449,
451, 452, 476, 488.
Nucifraga columbiana iv. 449.
 — *guttata* iv. 451.
 — *hamata* iv. 451.
 — *hemispila* iv. 452.
 — *macrorhynchos* iv. 451.
 — *minor* iv. 451, 457.
 — *multimaculata* iv. 452.
 — *platyrhynchos* iv. 451.
nucifraga (Caryocatactes) iv. 451.
nudipes (Acanthylis) iv. 613.
 — (*Aquila*) v. 481.
 — (*Chætura*) iv. 613.
 — (*Gydaëtes*) v. 481.
 — (*Gypaëtus*) v. 407.
 — (*Hirundapus*) iv. 613.
nudipes (Strix) v. 357.
Numenius vi. 333.
 viii. 1, 9, 193, 199,
219, 230, 244.
Numenius africanus viii. 59.
 — *arcuatulus* viii. 241.
 — *arcuatus* viii. 240.
 — *arquata* viii. 199, 219, 240, 243.
 — *arquatula* viii. 243.
Numenius arquatus viii. 230,
 231, 234, 239, **243**, 244,
 245, 249, 250.
Numenius assimilis viii. 243.
 — *atricapillus* viii. 227.
 — *australis* viii. 244, 245.
Numenius borealis viii. 219,
221, 224, 245.
Numenius brevirostris viii. 221.
 — *cassini* viii. 245.
 — *castaneus* vi. 335.
 — *cinereus* viii. 195.
 — *cyanopus* viii. 245, 248.
 — *falcinellus* vi. 335, 340.
 — *femorialis* viii. 245.
 — *ferrugineus* viii. 59.
 — *hæsitatus* viii. 227, 245.
 — *hastatus* viii. 241.
 — *hemirhynchus* viii. 245.
 — *hudsonicus* viii. 221, 232, 245.
 — *ibis* vi. 335.
 — *igneus* vi. 335.
 — *intermedius* viii. 245.
 — *lineatus* viii. 241, 243.
 — *longirostris* viii. 243, 245.
 — *luzoniensis* viii. 227, 228,
 232, 245.
 — *madagascariensis* viii. 245.
 — *major* viii. 243, 244, 245.
 — *medius* viii. 243.
 — *melanopus* viii. 245.
 — *melanorhynchus* viii. 227, 245.
 — *mexicanus varius* vi. 335.
 — *microrhynchus* viii. 221, 245.
 — *minor* viii. 224, 227, 245.
 — *minutus* viii. 245.
 — *nasicus* viii. 243, 244, 249.
Numenius phæopus viii. 154,
 199, **227**, 230, 237, 239, 245.
Numenius pusillus viii. 3, 59.
 — *pygmæus* viii. 3, 59.
 — *rufescens* viii. 243, 245.
 — *rufus* viii. 245.
 — *subarquata* viii. 59.
 — *syngenicus* viii. 237, 241.
 — *tahitiensis* viii. 245.
Numenius tenuirostris .. viii. 231,
237, 238, 239, 240,
 241, 245, 247.
Numenius uropygialis viii. 227,
 232, 245.
Numenius variabilis viii. 21.
 — *virgatus* viii. 243.
 — *viridis* vi. 335.
numida (Strix) v. 367.
numidica (Ciconia) vii. 353.
numidicus (Crateropus) iii. 21.
 — (*Dendrocopus*) v. 33.
 — (*Leuconotopicus*) v. 33.
 — (*Malurus*) iii. 21.
numidicus (Picus) .. v. 22, **33**, 34.
numidus (Picus) v. 33.
nuttalli (Pica) iv. 507, 510.
Nyctala v. **317**.
Nyctala abietum v. 317.
 — *acadica* v. 317.
 — *pinetorum* v. 319.
 — *planiceps* v. 319.
Nyctala tengmalmi v. **317**.
Nyctale abietum v. 319.
 — *acadica* v. 350.
 — *albifrons* v. 319, 323.
 — *baedekeri* v. 319.
 — *funerea* v. 319.
 — *kirtlandi* v. 319.
 — *minor* v. 319.
 — *pinetorum* v. 319.
 — *planiceps* v. 319.
 — *richardsoni* v. 319.
 — *tengmalmi* v. 319.
Nyctea v. **285**.
Nyctea candida v. 287.
 — *erminea* v. 287.
 — *nivea* v. 287.
 — *nivea americana* v. 287.
 — *nivea europæa* v. 287.
Nyctea scandiaca .. v. 285, **287**.
 vi. 393.
Nyctea wapacuthu v. 287.
nyctea (Noctua) v. 287.
 — (*Strix*) v. 287, 351.
 — (*Surnia*) v. 287.
 — (*Syrnia*) v. 287.
 — (*Syrnium*) v. 287.
Nycterodius vi. 267.
 — *nycticorax* vi. 269.
Nyctierax v. 299.
Nyctia v. 285.
 — *candida* v. 287.
Nyctiardea vi. 267.
 — *europæa* vi. 269.
 — *gardeni* vi. 270.
 — *nycticorax* vi. 270.
Nyctichelidon iv. 619.
 — *europæus* iv. 621.
Nycticorax vi. 205, **267**, 279.
Nycticorax ægyptius vi. 270.
 — *americanus* vi. 269.
 — *ardeola* vi. 269.
 — *badius* vi. 269.
 — *brevipes* vi. 269.

Nycticorax europæus..... vi. 269.
 — *gardeni* vi. 269.
Nycticorax griseus .. vi. 128, 243,
 267, **269**, 272.
Nycticorax meridionalis vi. 269.
 — *nævius* vi. 270.
 — *obscurus* vi. 275.
 — *orientalis* vi. 269.
 — *ralloides* vi. 251.
 — *stellaris* vi. 281.
 — *vulgaris* vi. 269.
nycticorax (*Ardea*)..... vi. 269.
 — (*Nycterodius*) vi. 269.
 — (*Nyctiardea*) vi. 270.
 — (*Scotæus*)..... vi. 269, 270.
Nyroca vi. 549, **579**.
Nyroca australis vi. 579.
 — *ferina* vi. 551.
Nyroca ferruginea.. vi. 579, **581**.
Nyroca fuligula vi. 573.
 — *leucophthalmos*..... vi. 581.
 — *marila* vi. 565.
 — *obsoleta* vi. 581.
nyroca (*Anas*)..... vi. 581.
 — (*Aythya*) vi. 482, 581.
 — (*Fuligula*) vi. 482, 581.

oahuensis (*Tringa*) vii. 555.
obscura (*Alauda*) iii. 343.
 — (*Curruca*) ii. 383.
 — (*Cyanecula*) ii. 311.
 — (*Geocichla*) ii. 71.
 — (*Hydrochelidon*)..... viii. 327.
 — (*Nectris*) viii. 517.
 — (*Scolopax*)..... vii. 257.
 — (*Spipola*) iii. 343.
 — (*Sterna*) viii. 327.
 — (*Strix flammea*)..... v. 237.
 — (*Sylvia*) ii. 521, 524.
obscuricapilla (*Calamoherpe*) ... ii. 567.
obscurus (*Anser*) vi. 369.
***obscurus* (*Anthus*)** iii. 305,
 340, 341, **343**, 346.
 v. 210.
obscurus (*Colymbus*) viii. 645.
 — (*Ixos*)..... ii. 49.
 iii. 353, 357.
 — (*Nycticorax*) vi. 275.
 — (*Perisoreus*) iv. 469.
 — (*Planesticus*) ii. 71.
 — (*Podiceps*)..... viii. 645.
 — (*Puffinus*) viii. 511, 517, 520,
 521, 527, 528, 552.
 — (*Pycnonotus*)..... iii. 353.
 — (*Spinus*)..... iii. 541.
***obscurus* (*Turdus*)** ii. **71**, 74.
***obsoleta* (*Cotile*)**..... iii. 503, 516,
521, 522.
obsoleta (*Cotyle*) iii. 516, 521, 522.
 — (*Melanocorypha*) iv. 341.

obsoleta (*Nyroca*) vi. 581.
occidentalis (*Gypaëtus*) .. v. 401, 404, 405.
 — (*Gypaëtus barbatus*) v. 401.
 — (*Gyps*)..... v. 373.
 — (*Larus*) viii. 401, 402, 405,
 412, 417.
 — (*Otocoris*) iv. 387.
 — (*Vanellus*)..... vii. 543.
 — (*Vultur fulvus*) v. 373, 376, 380.
occidua (*Anas*) vi. 649, 654.
occipitalis (*Phylloscopus*) ii. 473.
 — (*Reguloides*) ii. 473, 474, 475.
oceanica (*Oceanites*) viii. 505.
 — (*Procellaria*) viii. 505, 510.
 — (*Thalassidroma*) viii. 505.
***oceanicus* (*Oceanites*)** .. viii. 503,
505.
Oceanites viii. **503**.
Oceanites oceanica viii. 505.
Oceanites oceanicus viii. 503,
505.
Oceanites wilsoni viii. 505.
ochotensis (*Locustella*) ii. 634, 635.
ochracea (*Fringilla*) iii. 527.
ochrogenion (*Sylvia*) ii. 401.
ochropus (*Actitis*) viii. 135.
***ochropus* (*Totanus*)** viii. 125,
135, 144, 154, 198, 199.
ochropus (*Tringa*)..... viii. 135.
 —, var. *glareola* (*Tringa*) viii. 143.
Ochthodromus vii. 473.
 — *columboides* vii. 475.
Ocreateæ ii. 165.
Octogometra vii. 265.
 — *marueta* vii. 267.
ocularis (*Motacilla*) iii. 236.
Œdemia vi. **655**.
Œdemia americana..... vi. 667.
Œdemia fusca vi. **657**, 665.
Œdemia gibbera..... vi. 663.
 — *hornschuchii* vi. 657.
 — *megapus* vi. 657.
 — *megauros* vi. 663.
Œdemia nigra .. vi. 472, 655, 658,
 660, **663**, 667.
Œdemia nigripes vi. 663.
Œdemia perspicillata .. vi. **669**.
Œdemia perspicillata, var. *trowbridgei*
 vi. 669.
 — *platyrhynchus* vi. 657.
 — *velvetina* vi. 661.
Œdinemidæ vii. 399.
Œdinemus vii. **399**.
Œdinemus affinis vii. 406, 407.
 — *arenarius* vii. 401.
 — *bistriatus* vii. 407.
 — *capensis*..... vii. 406, 407.
 — *crepitans* vii. 401,
 viii. 250.

Œdinemus desertorum vii. 401.
 — *europæus* vii. 401.
 — *grallarius* vii. 407.
 — *griseus* vii. 401.
 — *indicus* vii. 401.
 — *inornatus* vii. 407.
Œdinemus scolopax.... vii. 399,
401, 407.
Œdinemus senegalensis vii. 406, 407.
 — *superciliaris* vii. 407.
 — *vermiculatus*..... vii. 406, 407.
œdinemus (*Charadrius*) vii. 401.
 — (*Fedoa*)..... vii. 401.
 — (*Otis*)..... vii. 401.
Œnanthe ii. 185, 253, 275.
 — *albicollis* ii. 203, 208.
 — *cinerea* ii. 187.
 — *leucura* ii. 247.
 — *pleschanka* ii. 231.
 — *rubetra*..... ii. 255.
 — *rubicola* ii. 263.
 — *rufiventris* ii. 289.
 — *stapazina* ii. 207.
œnanthe (*Motacilla*) ii. 187.
***œnanthe* (*Saxicola*)**.. ii. 185, **187**,
 189, 193, 194, 201, 202, 205,
 209, 210, 217, 221, 302.
 v. 210.
œnanthe (*Sylvia*) ii. 187.
 — (*Vitiflora*) ii. 187.
 — *alpestris* (*Saxicola*) ii. 187.
 — *cinerea* (*Saxicola*) ii. 187.
 — *crassirostris* (*Saxicola*) ii. 187.
 — *grisea* (*Saxicola*) ii. 187.
 — *macrorhynchus* (*Saxicola*)... ii. 187.
 — *maritima* (*Saxicola*) ii. 187.
 — *melanoptera* (*Saxicola*)..... ii. 187.
 — *septentrionalis* (*Saxicola*) ii. 187.
œnanthoides (*Saxicola*) ii. 187.
Œnas vii. 59.
 — *arenaria* vii. 61.
 — *cata* vii. 67.
***œnas* (*Columba*)** v. 210.
 vii. 11, 13, 14, 18,
 20, **23**, 26.
œnas (*Palumbœna*)..... vii. 23.
Œstrelata viii. **543**.
 — *hæsitata* viii. 543, **545**.
Oidemia vi. 655, 657, 663.
 — *fusca* vi. 657.
 — *leucocephala* vi. 663.
 — *nigra* vi. 663.
Oidicnemus vii. 399.
 — *bellonii* vii. 401.
okenii (*Luscinia*)..... ii. 363.
olivacea (*Emberiza*) iv. 341.
 — (*Ibis*) vi. 330.
 — (*Muscipeta*) ii. 611.
 — (*Ortygometra*) vii. 283.

- olivaceus (*Petrocosyphus*) ii. 149.
 — (*Turdus*) ii. 95, 149.
 olivastrea (*Saxicola*) ii. 199.
 olivetorum (*Calamodyta*) ii. 527.
 — (*Calamoherpe*) ii. 527.
 — (*Chloropeta*) ii. 527.
 — (*Ficedula*) ii. 527.
olivetorum (*Hypolais*) ii. 416,
 527, 528, 529, 530, 533,
 535, 536, 538, 539.
 iii. 418.
 olivetorum (*Salicaria*) ii. 527.
 — (*Sylvia*) ii. 527.
 iii. 420.
 Olor vi. 417.
 — minor vi. 441.
 — musicus vi. 433.
 olor (*Anas*) vi. 419.
olor (*Cygnus*) vi. 417, **419**, 421,
 422, 427, 429, 430, 433,
 436, 437, 438, 439, 440.
 viii. 333.
 olor immutabilis (*Cygnus*) vi. 429.
 —, var. minor (*Cygnus*) vi. 441.
 Onocrotalus vi. 191, 193.
 — phoenix vi. 193.
onocrotalus (*Pelecanus*) vi. 191,
193, 195, 196, 197,
 199, 201, 204.
 Onychoprion viii. 253, 307.
 — fuliginosus viii. 307.
opaca (*Hypolais*) ii. **531**,
 538, 539.
 opaca (*Phyllopneuste*) ii. 531.
 opistholeuca (*Saxicola*) ii. 189, 248.
 optatus (*Cuculus*) v. 204.
 — (*Machetes*) viii. 87.
 Oraegithus iii. 547.
 — pusillus iii. 561.
 orbitalis (*Lanius*) iii. 381.
 ordi (*Falcinellus*) vi. 335.
 — (*Ibis*) vi. 335.
 Oreias vii. 155, 165.
 Oreocinclæ ii. 1, 80, 101.
 — aurea ii. 77.
 — dauma ii. 80.
 — hancii ii. 77.
 — malayana ii. 81.
 — varia ii. 77.
 — whiteii ii. 77.
 Oretotetrax vii. 235, 237.
 — caspia vii. 237, 241.
 orientalis (*Acrocephalus*) ii. 580, 582, 585.
 — (*Æsalon*) vi. 83.
 — (*Anthus*) iii. 335.
 — (*Aquila*) v. 507, 509, 511.
 — (*Ardea*) vi. 239.
 — (*Calamoherpe*) ii. 567.
 — (*Carduelis*) iii. 530.
 orientalis (*Cettia*) ii. 639, 643.
 — (*Circaëtus*) v. 563.
 — (*Columba*) vii. 45.
 — (*Corydalla*) iii. 325.
 — (*Crucirostra*) iv. 141.
 — (*Cyanecula*) ii. 317.
 — (*Egretta*) vi. 231, 239.
 — (*Falco*) vi. 31.
 — (*Gallinula*) vii. 317.
 — (*Garzetta*) vi. 239.
 — (*Glareola*) vii. 415.
 — (*Gypaëtus*) v. 401.
 — (*Hæmatopus*) vii. 567.
 — (*Haliaëtus*) v. 551.
 — (*Haliaëtus albicilla*) v. 551.
 — (*Hirundo rustica*) iii. 474, 477.
 — (*Lusciola cyanecula*) ii. 317.
 — (*Mergus*) vi. 685.
 — (*Merops*) v. 171.
 — (*Nycticorax*) vi. 269.
 — (*Phyllopneuste*) ii. 503.
 — (*Podiceps*) viii. 651.
 — (*Potamodus*) ii. 639.
 — (*Pyrgita*) iii. 593.
 — (*Pyrrhula*) iv. 99.
 — (*Scolopax*) vii. 615.
 — (*Serinus*) iii. 549.
 — (*Spizaëtus*) v. 569.
orientalis (*Turtur*) vii. **45**, 48.
 orientalis (*Vultur fulvus*) v. 373, 380.
 Oriolidæ iii. 363.
Oriolus iii. **363**.
 Oriolus aureus iii. 365.
Oriolus galbula iii. 363, **365**, 612.
 vi. 109.
 Oriolus galbula, var. *virescens* iii. 365.
 — garrulus iii. 365.
 — kundoo iii. 363, 369.
 oriolus (*Coracias*) iii. 365.
 — (*Turdus*) iii. 365.
 Orites iii. 61, 615.
 — caudatus iii. 67.
 — nivalis iii. 617.
 — tephronotus iii. 75.
 ornata (*Otis*) vii. 391.
 ornatus (*Garrulus*) iv. 492.
 — (*Plectrophanes*) iv. 257.
 Oropina iv. 149.
 orphea (*Curruca*) ii. 411.
orphea (*Sylvia*) ii. 348, 375,
411, 414, 528.
 v. 202, 210.
 orphea griseocapilla (*Curruca*) ii. 411.
 —, var. *helena* (*Curruca*) ii. 411, 414.
 orru (*Corvus*) iv. 533.
 Ortygion vii. 141.
 — coturnix vii. 143.
 Ortygis vii. 247, 249.
 — andalusica vii. 249.
 — gibraltarica vii. 249.
 Ortygometra vii. 265, 289.
 — arabica vii. 267.
 — baillonii vii. 275.
 — crex vii. 291.
 — maruetta vii. 267.
 — minuta vii. 283.
 — olivacea vii. 283.
 — porzana vii. 267.
 — pusilla vii. 283.
 — pygmæa vii. 275.
 ortygometra (*Rallus*) vii. 291.
 Ortyx virginianus vii. 141.
 Oscines ii. 1.
 — conirostres iii. 525.
 — cultriostres iv. 403.
 — dentirostres ii. 1.
 — latirostres iii. 471.
 — scutelliplantares iv. 273.
 osculans (*Hæmatopus*) vii. 567.
 ossifraga (*Phene*) v. 401.
 ossifragus (*Corvus*) iv. 535.
 — (*Falco*) v. 551.
 Ostralega vii. 565, 567.
 — europæa vii. 567.
 — pica vii. 567.
 Ostralegus vii. 565.
 — hæmatopus vii. 567.
ostralegus (*Hæmatopus*) vii. 565,
567.
 Otidæ vii. 367.
Otis vii. 350, **367**, 399.
 Otis arabs vii. 367.
 — australis vii. 380.
 — caffra vii. 350.
 — deliciosa vii. 364.
 — hobara vii. 391.
 — houbara vii. 391, 395, 396.
 — kori vii. 380.
Otis macqueeni vii. 392, **395**.
 Otis major vii. 369.
 — marmorata vii. 395.
 — minor vii. 383.
 — œdicnemus vii. 401.
 — ornata vii. 391.
Otis tarda vii. 312,
 vii. 367, **369**, 376, 380.
 Otis tetrao vii. 383.
Otis tetrax vii. **383**.
 — **undulata** vii. **391**, 392,
 395, 396, 397.
 Otocoris iv. 385.
 — albigula iv. 395.
 — alpestris iii. 329.
 iv. 387.
 — bilopha iv. 399.
 — chrysolæma iv. 387.
 — cornuta iv. 387.
 — elwesi iv. 395.
 — larvata iv. 395, 401.
 — longirostris iv. 395, 396.

- Otocoris occidentalis iv. 387.
 — penicillata iv. 395.
 — scriba iv. 395, 401.
 Otocornis bilopha iv. 399.
Otocorys iv. **385**, 400.
 Otocorys albigula iv. 397, 401.
Otocorys alpestris iv. 385,
387, 395, 396, 397, 398,
 399, 400, 401, 402.
 — **bilopha** iv. 392, 396, 398,
399, 400, 401, 402.
 Otocorys brandti iv. 397, 401, 402.
 — chrysolæma iv. 387, 401.
 — cornuta iv. 387, 401.
 — elvesi iv. 401.
 — larvata iv. 401.
 — longirostris iv. 397, 401.
 — minor iv. 401.
 — nivalis iv. 401.
Otocorys penicillata iv. **395**,
 396, 397, 398, 401, 402.
 Otocorys peregrina iv. 392, 401, 402.
 Otocoryx iv. 385.
 — alpestris iv. 387.
 — bilopha iv. 399.
 — cornuta iv. 387.
 Otogyps nubicus v. 377.
 Otomela iii. 373, 408, 416.
 — arenaria iii. 413, 416.
 — isabellina iii. 413, 415, 416.
 — phœnicuroides iii. 413, 415, 416.
 — speculigera iii. 416.
 Otus v. 249, 337.
 — agrarius v. 257.
 — albicollis v. 251.
 — arboreus v. 251.
 — asio v. 251.
 — assimilis v. 251.
 — aurita v. 251.
 — brachyotos v. 257.
 — brevauris v. 257.
 — bubo v. 339.
 — capensis v. 265.
 — capensis major v. 265.
 — cassinii v. 257.
 — communis v. 251.
 — europæus v. 251.
 — gracilis v. 251.
 — italicus v. 251.
 — major v. 251.
 — microcephalus v. 257.
 — minor v. 251.
 — otus v. 251.
 — palustris v. 257.
 — scops v. 329.
 — sylvestris v. 251.
 — verus v. 251.
 — vulgaris v. 251.
 otus (Ægolius) v. 251.
otus (Asio) v. 249, **251**, 258.
 otus (Bubo) v. 251.
 — (Otus) v. 251.
 — (Strix) v. 251.
 Oxylophus v. 217.
 — glandarius v. 219.
 pacifica (Pelidna) viii. 21.
 — (Tringa) viii. 133.
 pacificus (Colymbus) viii. 615, 618.
 — (Cypselus) iv. 588, 615.
 Pagonetta vi. 615, 617.
Pagophila viii. **347**, 349.
 Pagophila brachytarsa viii. 351.
 — brachytarsus viii. 349.
Pagophila eburnea viii. **347**, **349**.
 Pagophila eburneus viii. 349.
 — niveus viii. 349.
 pagorum (Cecropis) iii. 477.
 — (Galerita) iv. 286.
 — (Pyrgita) iii. 587.
 Pallasia iv. 359.
 — leucoptera iv. 373.
 pallasii (Alcedo) v. 113.
 — (Aquila) v. 507.
 — (Cinclus) ii. 165.
 — (Glareola) vii. 419.
 — (Ichthyæetus) viii. 369.
 — (Syrhaptus) vii. 75.
 Pallene iv. 611, 613.
 — caudacuta iv. 613.
 — leuconota iv. 613.
 — macroptera iv. 613.
 pallens (Aëdon) ii. 547.
 — (Circus) v. 431.
 — (Lanius) iii. 381.
 — (Strigiceps) v. 431.
 — (Turdus) ii. 71.
 — brachyrhynchos (Aëdon) ii. 547.
 — macrorhynchos (Aëdon) ii. 547.
 Pallenura iii. 231, 251.
 — javensis iii. 251.
 — sulphurea iii. 251.
 pallescens (Caccabis) vii. 97, 99.
 palliatus (Hæmatopus) vii. 573.
 pallida (Alcedo) v. 113.
 — (Ammomanes) iv. 335, 336.
 — (Bernicla) vi. 389.
 — (Chloropeta) ii. 531.
 — (Curruca) ii. 537.
 — (Galerita cristata) iv. 286.
 — (Hirundo urbica) iii. 495.
 — (Hydrochelidon) viii. 327.
pallida (Hypolais) ii. 416, 517,
 530, 531, 533, 535, **537**,
 538, 540, 542.
 pallida (Perdix rubra) vii. 103.
 — (Ptyonoprogne) iii. 521.
 — (Salicaria) ii. 537.
 — (Saxicola) ii. 215, 218, 240,
 iv. 275.
 pallidiceps (Caccabis) vii. 102.
 pallidus (Bubo) v. 339.
 — (Caccabis) vii. 97.
 — (Charadrius vanellus) vii. 545.
 — (Circus) v. 441.
 — (Cursorius) vii. 425.
pallidus (Cypselus) iv. **597**,
 598, 599.
 pallidus (Glaucopteryx) v. 441.
 — (Podiceps) viii. 659.
 — (Pterocircus) v. 441.
 — (Strigiceps) v. 441.
 — (Turdus) ii. 71, 74.
 — (Vanellus) vii. 527.
 pallipes (Anser) vi. 375.
 paludibula (Cotyle) iii. 521.
 paludicola (Sylvia) ii. 591.
 paludosa (Alauda) iii. 317.
 paludosus (Anas) vi. 363.
 palumbarius (Accipiter) v. 587.
palumbarius (Astur) v. 487,
 585, **587**.
 vii. 133, 349.
 palumbarius (Buteo) v. 587.
 — (Dædalion) v. 587.
 — (Falco) v. 494, 587.
 — (Sparvius) v. 587.
 palumbes (Columba) vii. 3.
 Palumbœna vii. 1.
 — columbella vii. 23.
 — œnas vii. 23.
 Palumbus vii. 1, 3.
 — excelsus vii. 3.
 — torquatus vii. 3.
palumbus (Columba) v. 210.
 vii. **3**, 8, 24, 25.
 palustris (Accipiter circus) v. 415.
palustris (Acrocephalus) ii. 562,
 565, 572, **573**, 574, 577.
 v. 210.
 palustris (Anser) vi. 355.
 — (Anthus) iii. 285.
 — (Brachyotus) v. 245, 257.
 — (Calamodyta) ii. 573.
 — (Calamohërpe) ii. 573.
 — (Circus) v. 415.
 — (Cotyle) iii. 505, 521.
 — (Cynchramus) iv. 241.
 — (Emberiza) iv. 241, 246.
 — (Gelochelidon) viii. 295.
 — (Otus) v. 257.
palustris (Parus) iii. 90, **99**,
 101, 102, 104, 105, 108, 109,
 110, 111, 112, 113, 114, 118,
 119, 120, 129, 132, 147.
 — (Pœcile) iii. 99, 107.
 — (Poikilis) iii. 99.
 — (Salicaria) ii. 561, 573.
 — (Scolopax) vii. 631.

- palustris* (*Strix*) v. 257.
 — (*Sylvia*) ii. 573.
 — (*Totanus*) viii. 143.
 — *americanus* (*Brachyotus*) v. 257.
 —, var. *borealis* (*Parus*) iii. 119.
panayana (*Hirundo*) iii. 477.
Pandicilla ii. 309, 317.
Pandion vi. **137**.
Pandion albigularis vi. 139.
 — *alticeps* vi. 139.
 — *americanus* vi. 139.
 — *carolinensis* vi. 139.
 — *clypeatus* vi. 139.
 — *fasciatus* vi. 139.
 — *fluvialis* vi. 139.
 — *gouldi* vi. 139.
Pandion haliaëtus v. 559.
 vi. 137, **139**.
Pandion haliaëtus, var. *carolinensis*
 vi. 139, 148.
 — *ichthyaëtus* vi. 139.
 — *indicus* vi. 139.
 — *leucocephalus* .. vi. 137, 139, 147, 148.
 — *minor* vi. 139.
 — *planiceps* vi. 139.
pandoo (*Petrocincla*) ii. 156, 157, 158,
 159, 160, 162.
 — (*Petrocossyphus*) ii. 149.
panonicus (*Mergus*) vi. 699.
Pannychistes vi. 13.
 — *rufipes* vi. 93.
Panuridæ ii. 165.
 iii. 27, 47.
Panurus iii. **47**.
Panurus barbatus iii. 49.
Panurus biarmicus iii. 47, **49**.
papaverina (*Passer*) iv. 31.
papillosa (*Ibis*) vi. 327.
paradisea (*Sterna*) viii. 255, 273.
paradoxa (*Certhia*) iii. 195.
 — (*Crucirostra*) iv. 127.
 — (*Strix*) v. 237.
 — (*Tetrao*) vii. 75.
 — (*Vitiflora*) ii. 207.
paradoxus (*Astur*) v. 587.
 — (*Budytes*) iii. 261.
 — (*Circaëtus*) v. 563.
paradoxus (**Syrrhaptēs**) .. vii. 73,
75, 81.
parasita (*Catarractes*) viii. 471.
 — (*Lestris*) viii. 471.
 —, var. *camtschatica* (*Catarracta*)
 viii. 463.
parasitica (*Catarracta*) viii. 481.
 — (*Catarracta*) viii. 481.
 — (*Catarractes*) viii. 471, 481.
 — (*Hydroictinia*) v. 657.
 — (*Lestris*) viii. 451.
parasiticus (*Larus*) viii. 463, 465,
 471, 481.
parasiticus (*Lestris*) viii. 471, 481.
 — (*Milvus*) v. 657.
parasiticus (**Stercorarius**) viii. 455,
 471, **481**.
parasitus (*Falco*) v. 657.
 — (*Lestris*) viii. 471.
 — (*Milvus*) v. 657.
pardela (*Charadrius*) vii. 455.
Paridæ iii. 47, 60, 61, 134, 144.
Paridiseidæ iii. 363.
Parnopia ii. 609.
 — *locustella* ii. 611.
Paroides iii. 47, 61.
 — *biarmicus* iii. 49.
 — *caudatus* iii. 67.
 — *longicaudus* iii. 67.
parotis (*Colymbus*) viii. 639.
Parus ii. 451, 530.
 iii. 47, 61, **77**, 149, 157,
 231, 427.
Parus abietum iii. 87.
 — *alpestris* .. iii. 103, 105, 107, 109, 110,
 111, 112, 113, 114, 115, 116.
Parus ater ii. 455, 456.
 iii. 85, 86, **87**, 88, 89, 90,
 93, 94, 101, 104.
Parus atricapillus iii. 105, 110, 112.
 — *baicalensis* iii. 114.
 — *baikalensis* iii. 105, 120.
 — *baldensteinii* iii. 107, 110.
 — *biarmicus* iii. 49.
 — *bicolor* iii. 116.
 — *bombycilla* iii. 429.
Parus borealis .. iii. 91, 100, 101,
 104, 105, **107**, 108, 109, 110,
 111, 112, 113, 114, 115, 116,
 118, 119, 120, 127, 129.
 — **britannicus** iii. 88,
 91, **93**, 94.
Parus cæruleanus iii. 139.
 — *cærulescens* iii. 131.
Parus cæruleus iii. 86, 90, 94,
 104, **131**, 140, 141, 147, 148.
 — **camtschatkensis** iii. **119**,
 120.
Parus carbonarius iii. 87.
 — *carolinensis* iii. 105.
 — *caspicus* iii. 261.
 — *caudatus* iii. 63, 67, 73.
Parus cinctus ii. 282, 511.
 iii. **125**, 126, 128, 129.
Parus cinereus communis iii. 99.
 — *lenensis* iii. 129.
 — *montanus* iii. 107, 110.
 — *cristatus* iii. 151, 155,
 v. 10.
 — *cyaneus* iii. 143.
Parus cyanus iii. **143**.
Parus ferrugineus iii. 129
 — *fringillago* iii. 79.
 — *fruticeti* iii. 107, 110.
 — *grisescens* iii. 129.
 — *ignotus* iii. 285.
 — *kamschatkensis* iii. 105.
 — *kamtschatkensis* iii. 120.
 — *knjæsiek* iii. 143.
 — *lapponicus* iii. 125, 128.
Parus ledouci iii. **85**, 94.
 — **lugubris** iii. 102, 105, 107,
 110, 115, **121**,
 125, 128.
Parus luteus iii. 261.
Parus major ii. 334.
 iii. 59, 77, **79**, 80, 81, 90, 94,
 104, 123, 135, 191, 380.
 v. 210.
Parus mitratus iii. 151.
 — *narbonensis* iii. 159.
Parus palustris .. iii. 90, **99**, 101,
 102, 104, 105, 108, 109, 110,
 111, 112, 113, 114, 118, 119,
 120, 129, 132, 147.
Parus palustris, var. *borealis* iii. 119.
 — *pekinensis* iii. 88, 90.
 — *pendulinus* iii. 159.
 — *pinetorum* iii. 87.
 — *polonicus* iii. 159.
 — *robustus* iii. 79.
 — *roseus* iii. 63.
 — *rufescens* iii. 129.
 — *russicus* iii. 49.
 — *sæbyensis* iii. 143.
 — *salicarius* iii. 99.
 — *sibiricus* iii. 110, 125, 126,
 127, 128, 129.
 — *sibiricus*, forma major iii. 128.
 — —, forma typica iii. 129.
Parus teneriffæ iii. 132, 133,
139, 140.
Parus tephronotus iii. 75.
 — *ultramarinus* iii. 85, 139.
 — *violaceus* iii. 139, 140.
parva (*Erythrosterna*) iii. 465.
parva (**Muscicapa**) . . iii. **465**, 468,
 469.
 — (**Porzana**) vii. 276, 277,
 280, **283**.
parva ruficollis (*Erythrosterna*) .. iii. 465.
 — *rufigularis* (*Erythrosterna*) .. iii. 465.
parvifrons (*Gallinula*) vii. 316.
 — (*Stagnicola*) vii. 313.
parvirostris (*Tringa*) viii. 114, 115.
parvulus (**Troglodytes**) .. iii. 217,
219, 223, 229, 230.
 v. 210.
parvus (*Rallus*) vii. 278, 283, 287.

- Passer** iii. 525, 533, 547,
565, **583**, 605, 615.
iv. 1, 29, 251.
- Passer alpicola** iii. 619.
— **arboreus** iii. 587, 597.
— **bononensis** iii. 607.
— **calcaratus** iv. 253.
— **campestris** iii. 597.
— **cannabina** iv. 31.
— **carduelis** iii. 527.
— **chloris** iii. 567.
— **cisalpinus** iii. 585.
- Passer domesticus** .. iii. 500, 583,
585, 586, **587**, 593, 594,
595, 596, 597, 598, 600,
601, 602, 605.
v. 210, 363.
- Passer domesticus cisalpinus** iii. 585.
— —, var. **italicus** iii. 585.
— —, var. **salicarius** iii. 593.
— **fringilla nivalis** iii. 617.
- Passer hispaniolensis** iii. 585,
586, 589, 592, **593**.
v. 429, 487, 488.
- Passer indicus** iii. 587, 595.
- Passer italiae** iii. **585**, 589,
592, 594.
- Passer jagoensis** vi. 48.
— **lichtensteinii** iii. 603.
— **linaria** iv. 31, 37.
— — **argenteratensis** iv. 31.
— — **minima** iv. 47.
— — **montana** iv. 59.
— — **rubra major** iv. 31.
— — **minor** iv. 37.
— **montanina** iii. 597.
- Passer montanus** .. iii. **597**, 604.
v. 210.
- Passer papaverina** iv. 31.
— **petronia** iii. 500, 607.
— **pusillus** iii. 561.
— **rufidorsalis** iii. 587.
— — **megarhynchus** iii. 587.
— — **microrhynchus** iii. 587.
— **salicarius** iii. 593.
v. 619.
— **salicicola** iii. 593.
iv. 352.
— **sclavonicus** iv. 219.
— **serinus** iii. 549.
— — **canarius** iii. 557.
— — **italicus** iii. 535.
— **silvestris** iii. 607.
- Passer simplex** iii. **603**.
- Passer spiza** iv. 3.
— **stultus** iii. 607.
— **tingitanus** iii. 587.
- Passerculus** iv. 194.
— **savanna** iv. 194.
- Passeres** ii. 1.
- Passerina** iv. 149, 251.
— **aureola** iv. 223.
— **borealis** iv. 261.
— **collaris** iv. 223.
— **lapponica** iv. 253.
— **melanocephala** iv. 151.
— **nivalis** iv. 261.
passerina (*Athene*) v. 349.
— (*Curruca*) ii. 389.
— (*Emberiza*) iv. 218,
245, 246, 247.
— (*Microptynx*) v. 349.
— (*Motacilla*) ii. 383, 390.
— (*Noctua*) v. 349, 367.
— (*Strix*) v. 349, 353, 367.
— (*Surnia*) v. 349.
— (*Sylvia*) ii. 348, 349, 387,
389, 403.
- passerinum (Glaucidium)** . v. 347,
349, 350.
- pastinator** (*Corvus*) iv. 534, 552, 555.
- Pastor** iv. **421**.
- Pastor peguanus** iv. 423, 428.
- Pastor roseus** .. iv. 421, **423**, 428.
- pastor** (*Pratincola*) ii. 265.
- patagiatus** (*Pelecanus*) vi. 199.
— (*Podiceps*) viii. 629.
- Pauli de Württemberg** (*Thalasseus*)
viii. 301.
- Pavoncella** viii. 85.
— **pugnax** viii. 87.
- pavonina** (*Balearica*) vii. 363.
- paykullii** (*Scolopax*) viii. 187.
- payraudæi** (*Carpodacus*) iv. 85.
— (*Pyrrhula*) iv. 85.
- payraudæi** (*Larus*) viii. 395.
- pectoralis** (*Buteo*) v. 463.
— (*Calliope*) ii. 342.
— (*Fedoa*) viii. 203.
— (*Pelidna*) viii. 11.
— (*Pyrgita*) iii. 587.
— (*Ruticilla*) ii. 277.
— (*Tringa*) viii. 11.
- Pecuarium** iv. 421.
— **roseus** iv. 423.
- Pedeithya** viii. 627, 639.
- peguanus** (*Pastor*) iv. 423, 428.
- pekinensis** (*Alauda*) iv. 307, 312.
— (*Cypselus*) iv. 588.
— (*Falco*) vi. 127, 134, 135.
— (*Parus*) iii. 88, 90.
- pelagica** (*Hydrobates*) viii. 491.
- pelagica (Procellaria)** .. viii. 489,
491, 497, 505.
— (*Thalassidroma*) .. viii. **491**,
493, 500, 501, 502.
- pelagicus** (*Haliaëtus*) v. 551.
— (*Hydrobates*) viii. 491.
- pelagia** (*Chætura*) iv. 616.
- Pelecanidæ** vi. 149.
- Pelecanus** .. vi. 149, 179, **191**, 195.
- Pelecanus africanus** vi. 169.
— **bassanus** vi. 181.
— **carbo** vi. 151.
- Pelecanus crispus** .. vi. 195, 196,
197, **199**, 202, 203.
viii. 414.
- Pelecanus cristatus** vi. 163.
— **giganteus** vi. 193.
— **graculus** vi. 163.
— **longirostris** vi. 196.
— **maculatus** vi. 181.
— **minor** vi. 193, 195, 196.
— **mitratus** vi. 195, 196.
- Pelecanus onocrotalus** .. vi. 191,
193, 195, 196, 197,
199, 201, 204.
- Pelecanus patagiatus** vi. 199.
— **philippensis** vi. 201.
— **punctatus** vi. 181.
— **pygmaeus** vi. 173.
— **roseus** vi. 193.
— **sinensis** vi. 151.
- pelecanus** (*Procellaria*) vi. 151.
- pelegrinoides** (*Falco*) vi. 47.
- Pelidna** viii. 1, 9, 21.
— **alpina** viii. 21.
— **americana** viii. 21.
— **calidris** viii. 21.
— **chinensis** viii. 21, 59.
— **cinclus** viii. 21.
— —, var. viii. 15.
— **macrorhynchus** viii. 59.
— **maculata** viii. 11.
— **maritima** viii. 69.
— **megarhynchus** viii. 3.
— **melanothorax** viii. 21.
— **melanotos** viii. 15, 16.
— **minuta** viii. 29.
— **pacifica** viii. 21.
— **pectoralis** viii. 11.
— **platyrhyncha** viii. 3.
— **pusilla** viii. 29, 51.
— **schinzii** viii. 15, 21.
— **subarquata** viii. 59.
— **temminckii** viii. 45.
— **variabilis** viii. 21.
- Pelionetta** vi. 655, 669.
— **perspicillata** vi. 669.
— **trowbridgii** vi. 669.
- Pelodes** viii. 313, 315.
— **delalandii** viii. 315.
— **fluviatilis** viii. 315.
— **hybrida** viii. 315.
— **indica** viii. 315.
— **surinamensis** viii. 327.
- Pelorychus** vii. 629, 641.
- pelzelni** (*Podiceps*) viii. 665.
- Pendulinus** iii. 157.

- Pendulinus macrourus* iii. 159.
 — *macrurus* iii. 159.
 — *medius* iii. 159.
 — *polonicus* iii. 159.
pendulinus (*Ægithalus*) .. iii. 157,
 159, 165, 166.
pendulinus (*Parus*) iii. 159.
 —, var. *jaxartica* (*Ægithalus*).. iii. 159.
penelope (*Anas*) vi. 523, 541, 551.
penelope (*Mareca*).. vi. 539, **541**,
 546, 584.
Penelops vi. 539.
penelops (*Anas*) vi. 541.
penicillata (*Alauda*) iv. 395.
penicillata (*Otocorys*) .. iv. **395**,
 396, 397, 398, 401, 402.
pennata (*Aquila*) ii. 282.
 v. **481**, 485, 486, 487, 573, 583.
pennatus (*Butaetus*) v. 481.
 — (*Buteo*) v. 471.
 — (*Falco*) v. 481.
 — (*Hiræetus*) v. 481.
 — (*Nisaëtus*) v. 481.
 — (*Scops*) v. 333, 334.
pennsylvanica (*Alauda*) iii. 331.
pennsylvanicus (*Anthus*) iii. 331.
pensilvanica (*Alauda*) iii. 331.
Penthestes iii. 77.
 — *lugubris* iii. 121.
Percnopterus v. 389.
 — *ægyptiacus* v. 391.
percnopterus (*Cathartes*) v. 391.
percnopterus (*Neophron*) . v. 384,
 389, **391**, 395, 396,
 406, 408.
percnopterus (*Vultur*)..... v. 373, 391.
 —, var. *capensis* (*Vultur*) v. 391.
Perdix vii. 91, 115, 121, **129**,
 141, 235, 247.
Perdix alpina..... vii. 237.
 — *altaica* vii. 97.
 — *andalusica* vii. 249.
 — *aragonica* vii. 61.
 — *barbata* vii. 132, 137.
 — *bonhami* vii. 117.
 — *caspia* vii. 241.
 — *caucasica* vii. 237.
 — *chukar* vii. 97, 136.
 — *chukart* vii. 97.
 — *cineracea* vii. 131.
Perdix cinerea .. vii. 112, 118, 129,
131, 136.
Perdix cinereo-alba vii. 131.
 — *coturnix* vi. 109,
 vii. 143.
 — *coturnix major*..... vii. 143.
 — *damascena* vii. 131.
 — *francolinus* vii. 123.
 — *gibraltaria* vii. 249.
Perdix græca vii. 93, 97.
 — *griseogularis* vii. 117.
 — *hepburniæ* vii. 123.
 — *labatiei* vii. 94.
 — *minor* vii. 131.
 — *montana* vii. 131.
 — *petrosa* vii. 111.
 — *rubra* vii. 103.
 — — *barbarica* vii. 111.
 — — *candida* vii. 103.
 — — *intercedens* vii. 103.
 — — *pallida* vii. 103.
 — — *varia* vii. 103.
 — *rufa* vii. 103, 111.
 — *rufidorsalis* vii. 103.
 — *rupestris* vii. 93.
 — *saxatilis* vii. 93.
 — *sinaica* vii. 97.
 — *sylvestris* vii. 131.
 — *synaica* vii. 97.
 — *vulgaris* vii. 131.
perdix (*Starna*) vii. 131.
 — (*Tetrao*) vii. 131.
peregrina (*Anas*) vi. 595.
 — (*Clangula*) vi. 595.
 — (*Falcinellus*) vi. 335.
 — (*Luscinia*) ii. 363.
 — (*Miliaria*) iv. 163.
 — (*Otocorys*) iv. 392, 401, 402.
 — (*Pyrrhula*) iv. 101.
 — (*Scolopax*) vii. 641.
 — (*Telmatias*) vii. 641.
peregrinator (*Falco*) vi. 41.
peregrinoides (*Falco*) .. vi. 43, 47, 51, 54.
peregrinus (*Accipiter falco*) vi. 31.
 — (*Anser*) vi. 403.
 — (*Caprimulgus europæus*) iv. 621.
 — (*Cinclus*) ii. 167.
 — (*Corvus*) iv. 567.
peregrinus (*Falco*) v. 494,
 vi. 13, **31**, 36, 41, 42, 43, 44,
 47, 55, 61, 184.
peregrinus (*Nisus*) v. 599.
 — (*Tetrao*) vii. 205.
 —, var. *capensis* (*Falco*) vi. 43.
Perisoreus iv. **469**.
Perisoreus canadensis..... iv. 469, 473.
 — *capitalis* iv. 469.
Perisoreus infaustus iv. 463,
 469, **471**, 475, 476.
Perisoreus obscurus iv. 469.
Peristera vii. 37.
 — *ægyptiaca* vii. 55.
 — *afra* vii. 57.
 — *cinerea* vii. 37.
 — *glauconotus* vii. 39.
 — *intercedens* vii. 53.
 — *pygmæa* vii. 55.
 — *risoria* vii. 51.
 — *rufescens* vii. 55.
Peristera rufidorsalis vii. 39.
 — *senegalensis* vii. 55.
 — *tenera* vii. 39.
 — *turtur* vii. 39.
perlata (*Strix*) v. 237, 240.
Pernis vi. **1**, 3.
Pernis apium vi. 3.
 — *apivora* vi. 3.
Pernis apivorus v. 649, 668,
 vi. **1**, **3**, 8.
Pernis apivorus apium vi. 3.
 — — *major* vi. 3.
 — — *planiceps* vi. 3.
 — — *vesparum* vi. 3.
 — *communis* vi. 3.
 — *platyura* vi. 3.
 — *ptilorhynchus* vi. 8.
 — *tachardus* vi. 3.
 — *vesparum* vi. 3.
persica (*Athene*) v. 367.
 — (*Merops*) v. 165.
 — (*Noctua*) v. 367.
 — (*Strix*) v. 367.
 — *cristata* (*Pluvialis*) vii. 539.
persicus (*Charadrius*) vii. 539.
 — (*Hoplopterus*) vii. 539.
persicus (*Merops*) .. v. 160, **165**,
 167, 168.
persicus (*Vultur*) v. 373.
personatus (*Lanius*) iii. 417.
perspicillata (*Anas*) vi. 669.
 — (*Fuligula*) vi. 669.
 — (*Melanitta*) vi. 669.
perspicillata (*Ædemia*) . vi. **669**.
perspicillata (*Pelionetta*) vi. 669.
 — (*Platypus*) vi. 669.
 —, var. *throwbridgei* (*Ædemia*) . vi. 669.
petenyi (*Telmatias*) vii. 641.
Petrocichla ii. 127.
 — *saxatilis* ii. 129.
Petrocincla ii. 127.
 — *affinis* ii. 150, 158, 159.
 — *cyana* ii. 139.
 — *cyanea* ii. 133, 139,
 157, 160.
 — *longirostris*... ii. 139, 149, 157, 158.
 — *maal* ii. 156, 157.
 — *manillensis* ii. 150, 157, 160.
 — *pandoo* ii. 156, 157, 158,
 159, 160, 162.
 — *saxatilis* ii. 129, 135, 350.
 — *violacea* ii. 150.
Petrocossyphus ii. 127, 149.
 — *affinis* ii. 149, 150, 157.
 — *azureus* ii. 149.
 — *castaneicollis* ii. 134.
 — *cyaneus* ii. 139, 146, 149, 158.
Petrocossyphus cyanus .. ii. 127,
139, 141, **149**, 150, 151, 152,
 154, 156, 157, 158, 159, 162.

- Petrocosyphus goureyi* ii. 129.
 — *longirostris* ii. 149.
 — *maal* ii. 149.
 — *manilla* ii. 149.
 — *manillensis* ii. 149, 150, 156,
 157, 158, 161.
 — *olivaceus* ii. 149.
 — *pandoo* ii. 149, 157.
 — *polyglottus* ii. 129.
 — *saxatilis* ii. 129, 146, 149.
 — *solitarius* ii. 141, 149, 150, 151,
 152, 157, 158, 159, 162.
Petrocyanea vi. 505.
Petrodroma iii. 205.
 — *muraria* iii. 207.
Petronia iii. 605, 607,
 613, 615.
 — ***brachyactyla*** iii. 605,
 610, 611.
Petronia brachyrhynchos iii. 607.
 — *brevirostris* iii. 607.
 — *macrorhynchos* iii. 607.
 — *rupestris* iii. 607.
 — *saxorum* iii. 607.
Petronia stulta iii. 605, 607,
 612, 613.
petronia (*Coccothraustes*) iii. 607.
 — (*Fringilla*) iii. 607.
 — (*Passer*) iii. 500, 607.
 — (*Pyrgita*) iii. 607.
petrosa (*Alauda*) iii. 343, 345.
***petrosa* (*Caccabis*)** v. 360.
 vii. 106, 109, 111.
petrosa (*Perdix*) vii. 111.
petrosus (*Anthus*) iii. 343.
 — (*Tetrao*) vii. 111.
peyrousei (*Rallus*) vii. 283.
phœnicoptera (*Tichodroma*) iii. 207.
Phæopus viii. 219.
 — *arquatus* viii. 227.
***phæopus* (*Numenius*)** viii. 154,
 199, 227, 230, 237, 239, 245.
phæopus (*Scolopax*) viii. 227, 245.
phaiopterus (*Cuculus*) v. 219.
Phalacrocorax vi. 149, 151.
 — ***africanus*** vi. 169.
Phalacrocorax arboreus vi. 151.
 — *brachyrhynchos* vi. 151.
 — *capensis* vi. 166.
 — *capillatus* vi. 151.
Phalacrocorax carbo vi. 149,
 151, 156, 158, 165,
 166, 184.
Phalacrocorax carbo major vi. 152.
 — *carbo medius* vi. 152.
 — *carboides* vi. 151.
 — *cristatus* vi. 163, 165.
 — *desmaresti* vi. 163.
 — *glacialis* vi. 151.
Phalacrocorax graculus .. vi. 154,
 163, 184.
Phalacrocorax humilirostris vi. 151.
 — *leucotis* vi. 151.
 — *longicaudus* vi. 169.
 — *medius* vi. 151.
 — *minor* vi. 163.
 — *niepeii* vi. 173.
 — *novæ-hollandiæ* vi. 151.
Phalacrocorax pygmæus .. vi. 170,
 171, 173, 175, 176.
Phalacrocorax sinensis vi. 151.
 — *subcormoranus* vi. 151.
Phalaridion vii. 265, 275.
Phalaridium vii. 265.
 — *pusillum* vii. 283.
Phalaropus ... vii. 595, 599, 605.
Phalaropus angustirostris vii. 597.
 — *asiaticus* vii. 605.
 — *australis* vii. 597.
 — *cinerascens* vii. 597.
 — *cinereus* vii. 597, 609.
Phalaropus fulicarius .. vii. 595,
 599, 604, 605.
Phalaropus fuscus vii. 597.
 — *glacialis* vii. 605.
 — *griseus* vii. 605.
Phalaropus hyperboreus vii. 597,
 599, 606, 607, 610, 611.
Phalaropus lobatus vii. 597, 599, 605.
 — *platyrhynchus* vii. 605.
 — *platyrostris* vii. 605.
 — *rufescens* vii. 605.
 — *ruficollis* vii. 597.
 — *rufus* vii. 605.
 — *vulgaris* vii. 597.
 — *williamsii* vii. 597.
 — *yperboreus* vii. 597.
pharaonica (*Ardea*) vi. 217.
pharaonis (*Strix*) v. 367.
Phasaridion vii. 283.
Phasianidæ vii. 83.
Phasianurus vi. 529.
 — *acutus* vi. 531.
Phasianus vii. 83, 85.
 — ***colchicus*** vii. 83, 85,
 86, 87.
Phasianus marginatus vii. 85.
 — *mongolicus* v. 476.
 — *reevesii* vii. 87.
 — *varius* vii. 85.
 — *versicolor* vii. 87.
Phasmoptynx v. 249, 265.
 — *capensis* v. 265.
 — —, *var. tingitanus* v. 265.
Phene v. 399.
 — *ossifraga* v. 401.
philadelphicæ (*Larus*) viii. 356.
Philammus iv. 385, 387.
Phileremos iv. 327, 339, 359, 385.
 — *albigula* iv. 395.
 — *alpestris* iv. 387.
 — *bicornis* iv. 399.
 — *brachyactyla* iv. 341, 355.
 — *cornutus* iv. 387.
 — *isabellina* iv. 329.
 — *kollyi* iv. 341.
 — *moreatica* iv. 341.
 — *rufescens* iv. 387.
 — *scriba* iv. 395.
 — *sibirica* iv. 373.
 — *striatus* iv. 387.
philippensis (*Ægialitis*) vii. 494.
 — (*Colymbus*) viii. 659.
 — (*Pelecanus*) vi. 201.
 — (*Podiceps*) vii. 119,
 viii. 659.
 — (*Tachybaptus*) viii. 659.
philippina (*Hiaticula*) vii. 491.
philippinus (*Ægialites*) vii. 491.
 — (*Charadrius*) vii. 491.
 — (*Corvus*) iv. 534.
 — (*Merops*) v. 168.
Philohela vii. 613.
Philolimnos vii. 629.
 — *gallinula* vii. 653.
 — *minor* vii. 653.
 — *stagnatilis* vii. 653.
Philomachus vii. 537, 539,
 viii. 85.
 — *pugnax* viii. 87.
Philomela ii. 361, 375, 637.
 — *atricapilla* ii. 421.
 — *luscina* ii. 363.
 — *magna* ii. 369.
 — *sericea* ii. 639.
 — *turdoides* ii. 369.
philomela (*Calamoherpe*) ii. 573.
 — (*Curruca*) ii. 369.
***philomela* (*Daulias*)** .. ii. 364, 365,
 366, 368, 369, 370, 372,
 v. 210.
philomela (*Erithacus*) ii. 369.
 — (*Luscinia*) ii. 363, 369.
 — (*Lusciola*) ii. 369.
 — (*Motacilla*) ii. 369.
 — (*Sylvia*) ii. 369.
philomelos (*Turdus*) ii. 19.
***philothamna* (*Saxicola*)** .. ii. 223,
 225, 228, 229, 240, 241.
Philothrus v. 153.
 — *viridissimus* v. 171.
phœnicopos (*Gavia ridibunda*) .. viii. 369.
phœnicoptera (*Erythrospiza*) iv. 91.
 — (*Fringilla coccothraustes*) iv. 91.
 — (*Rhodopechys*) iv. 91.
Phœnicopteridæ vi. 341.
Phœnicopterus vi. 341, 343.
Phœnicopterus andersoni vi. 343.

- Phoenicopterus antiquorum* . . . vi. 343, 347.
 — *antiquus* vi. 343.
 — *blythi* vi. 343.
 — *erythræus* vi. 343, 345, 349.
 — *europæus* vi. 343.
 — *ignipalliatu*s vi. 349.
 — *major* vi. 343.
 — *minor* vi. 343, 348.
 — *platyrhynchus* vi. 343.
Phoenicopterus roseus . . . vi. 341,
 343, 348, 349.
Phoenicopterus ruber vi. 343, 349.
 — *rubidus* vi. 349.
phœnicopterus (*Ampelis*) iii. 427.
 — (*Carpodacus*) iv. 91, 92.
phœnicopus (*Anser*) vi. 369.
Phœnicura ii. 275, 309.
 — *atrata* ii. 289.
 — *muraria* ii. 277.
 — *nipalensis*, var. *atrata* ii. 289.
 — *reevesii* ii. 305.
 — *rutacilla* ii. 277.
 — *suecica* ii. 317.
 — *tethys* ii. 293.
phœnicura (*Ruticilla*) ii. 277, 287,
 291, 302, 303.
phœnicuroides (*Lanius*) iii. 413,
 414, 416.
 — (*Mirafra*) iv. 329.
 — (*Otomela*) iii. 413, 415, 416.
 — (*Ruticilla*) ii. 289, 292.
phœnicurus (*Ficedula*) ii. 277.
 — (*Lanius*) iii. 413, 414, 415.
 — (*Lusciola*) ii. 277.
 — (*Motacilla*) ii. 277.
***phœnicurus* (*Ruticilla*)** . . . ii. 275,
 277, 285, 287, 297, 301.
 v. 210, 211.
phœnicurus (*Saxicola*) ii. 277.
 — (*Sylvia*) ii. 277,
 iii. 127.
 —, var. *caniceps* (*Lanius*) . . . iii. 413, 414.
 —, var. *montana* (*Lanius*) . . . iii. 413.
 —, var. *ruficeps* (*Lanius*) . . . iii. 413, 414.
phœnix (*Onocrotalus*) vi. 193.
Phoneus iii. 373.
 — *rufus* iii. 407.
Phragmites ii. 637.
 — *cetti* ii. 639.
phragmitis (*Acrocephalus*) ii. 597.
 — (*Calamodyta*) ii. 597, 635.
 — (*Calamoherpe*) ii. 597, 615.
 — (*Cariciola*) ii. 597.
 — (*Cynchramus*) iv. 241.
 — (*Muscipeta*) ii. 597.
 — (*Salicaria*) ii. 597.
 — (*Sylvia*) ii. 597.
Phylaconetta vi. 607.
 — *histrionica* vi. 609.
Phyllobasileus ii. 467.
 — *coronatus* ii. 507.
Phyllobasileus superciliosa ii. 470.
 — *superciliosus* ii. 469.
Phyllopeuste ii. 467, 515, 530.
 — *acredula* ii. 491.
 — *alpestris* ii. 503.
 — *arborea* ii. 491.
 — *bonellii* ii. 503.
 — *borealis* ii. 509.
 — *brevirostris* ii. 485.
 — *coronata* ii. 507.
 — *coronatus* ii. 507.
 — *eversmanni* ii. 491, 509.
 — *excoronatus* ii. 507.
 — *fitis* ii. 491.
 — *gracilis* ii. 491.
 — *hippolais* ii. 485.
 — *hypolais* ii. 521.
 — *icterina* ii. 521.
 — *kennicottii* ii. 509.
 — *major* ii. 491.
 — *megarhynchus* ii. 497.
 — *middendorffii* ii. 507.
 — *modesta* ii. 469.
 — *montana* ii. 503.
 — *opaca* ii. 531.
 — *orientalis* ii. 503.
 — *pinetorum* ii. 485.
 — *plumbeitarsus* ii. 507.
 — *proregulus* ii. 469.
 — *rama* ii. 541.
 — *reguloides* ii. 469.
 — *rufa* ii. 485.
 — *septentrionalis* ii. 491.
 — *sibillatrix* ii. 497.
 — *solitaria* ii. 485.
 — *superciliosa* ii. 470.
 — *superciliosus* ii. 470.
 — *sylvestris* ii. 485.
 — *sylvicola* ii. 497.
 — *tristis* ii. 477.
 — *trochilus* ii. 491, 539.
Phyllopeuste ii. 467.
 — *rufa* ii. 485.
 — *tristis* ii. 477.
 — *trochilus* ii. 491.
Phyllopeustes ii. 467.
 — *borealis* ii. 509.
Phylloscopinæ ii. 451.
Phylloscopus ii. 451, **467,**
 474, 481, 482, 483, 489,
 491, 499, 500, 505, 509,
 511, 514, 515, 563.
Phylloscopus abyssinicus ii. 485, 489.
Phylloscopus bonellii ii. 501,
 503.
 — ***borealis*** ii. 359, 467, 508,
 509, 510, 511, 512,
 513, 514.
Phylloscopus brehmi ii. 485, 489.
 — *brevirostris* ii. 489.
Phylloscopus collybita ii. 477,
 483, **485,** 489, 511.
 v. 210.
Phylloscopus eversmanni ii. 481, 493.
 — *fuscatus* v. 210.
 — *gaetkei* ii. 491, 495.
 — *habessinicus* ii. 485.
 — *hylebata* ii. 509.
 — *magnirostris* ii. 474.
 — *modestus* ii. 469.
 — *nitidus* ii. 468, 508.
 — *occipitalis* ii. 473.
Phylloscopus plumbeitarsus
 ii. 467, **507.**
Phylloscopus proregulus ii. 468, 471, 472.
 — *rufus* ii. 485.
Phylloscopus sibilatrix ii. 474,
 497, 499, 503, 506, 512, 513.
 v. 210, 211.
 — ***superciliosus*** ii. 467, **469,**
 470, 472, 473, 483,
 508, 514.
Phylloscopus sylvicultrix ii. 509.
Phylloscopus tristis ii. **477,**
 483, 488, 514.
 vii. 469.
 — ***trochilus*** ii. 467, 476, 488,
 491, 493, 494, 495, 496,
 499, 511, 512, 514.
 v. 210.
Phylloscopus tytleri ii. 474.
 — *viridanus* ii. 468, 472, 507, 508.
Pica iv. 469,
 501, **507.**
Pica albiventris iv. 509.
 — *bactriana* iv. 509, 511.
 — *bottanensis* ii. 182,
 iv. 509, 510.
 — *butanensis* iv. 509.
 — *caudata* iv. 482, 509, 514.
 — *chinensis* iv. 509.
 — *cooki* iv. 503.
 — *cyana* iv. 503.
 — *cyanea* iv. 503.
 — *europæa* iv. 509.
 — *germanica* iv. 509.
 — *hiemalis* iv. 509.
 — *hudsonica* ii. 182,
 iv. 509, 511, 517.
 — *infausta* iv. 471.
 — *japonica* iv. 509, 511.
 — *leucoptera* iv. 510, 511.
Pica mauritanica iv. 507, 510,
 511, 514, **519.**
Pica media iv. 509, 516.
 — *megaloptera* iv. 509.
 — *melanoleuca* iv. 509.
 — *nuttalli* iv. 507, 510.

- Pica rustica** . . . iv. 507, **509**, 510, 511, 517, 519, 520, v. 210, 222, 223.
- Pica septentrionalis** . . . iv. 509.
 — sericea . . . iv. 509, 511.
 — tibetana . . . iv. 509.
 — varia . . . iv. 509.
 — varia japonica . . . iv. 509.
 — vulgaris . . . iv. 509.
- pica** (Alca) . . . viii. 557, 575, 578.
 — (Cleptes) . . . iv. 509.
 — (Corvus) . . . iv. 509.
 — (Garrulus) . . . iv. 509.
 — (Ostralega) . . . vii. 567.
 — (Pinguinus) . . . viii. 557.
 — (Scolopax) . . . vii. 567.
 — (Utamania) . . . viii. 557.
- picata** (Saxicola) . . . ii. 189.
- Pici** . . . v. 1.
- Picicorvus columbianus** . . . iv. 449.
- Picidae** . . . v. 1.
- Picinae** . . . v. 1.
- Picoides** . . . v. **67**.
- Picoides alpinus** . . . v. 69.
 — arcticus . . . v. 72.
 — crissoleucos . . . v. 69.
 — europæus . . . v. 69.
 — hirsutus . . . v. 67, 72.
 — montanus . . . v. 69.
- Picoides tridactylus** . . v. 67, **69**.
- Picoides variegatus** . . v. 69.
- picta** (Gallinago) . . . vii. 642.
- pictus** (Francolinus) . . . vii. 125.
 — (Glandarius) . . . iv. 481.
 — (Plectrophanes) . . . iv. 257.
- Piculus** . . . v. 17.
 — crassirostris . . . v. 53.
 — herbarum . . . v. 53.
 — hortorum . . . v. 53.
 — minor . . . v. 53.
 — pusillus . . . v. 53.
- Picus** . . . iii. 167.
 v. 1, **17**, 22, 67, 75, 101.
- Picus algeris** . . . v. 93.
 — alpestris . . . v. 19.
 — baskiriensis . . . v. 19.
 — brevirostris . . . v. 19.
 — cabanisi . . . v. 22, 23.
 — caniceps . . . v. 95.
 — canus . . . v. 95.
 — chlorio . . . v. 95.
 — cirris . . . v. 39, 40.
 — cissa . . . v. 19.
 — crissoleucos . . . v. 69, 70.
 — cruentatus . . . v. 35, 36, 37, 38.
 — cynædus . . . v. 47.
 — damascensis . . . v. 37.
 — dorsalis . . . v. 71.
 — feliciæ . . . v. 22, 27, 35, 36, 37.
 — frondium . . . v. 19.
- Picus fuliginosus** . . . v. 35.
 — gouldii . . . v. 22, 23, 25.
 — himalayanus . . . v. 22.
 — himalayensis . . . v. 22.
 — hirsutus . . . v. 69.
 — hortorum . . . v. 53.
 — iynx . . . v. 103.
 — jugurtha . . . v. 33.
 — kamtschatcensis . . . v. 65.
 — kamtschatkensis . . . v. 55, 58, 63.
 — khan . . . v. 22, 35, 36, 37.
 — kisuki . . . v. 6.
 — ledouci . . . v. 53, 55, 63.
- Picus leuconotus** . . v. 21, 31, **39**, 40, 41, 42, 45, 46.
- Picus leucopterus** . . . v. 22.
 — leucopygus . . . v. 69.
 — leucotos . . . v. 39.
- Picus lilfordi** . . . v. 41, **45**, 46.
- Picus luciani** . . . v. 22, 23.
 — lunatus . . . v. 33.
- Picus major** . . . iii. 154.
 v. 1, 5, 7, 10, 17, **19**, 21, 22, 23, 24, 25, 26, 31, 34, 35, 36, 37, 38, 42, 43, 46, 48, 49, 51, 55, 56, 58, 62.
- Picus majoroides** . . . v. 22.
 — mandarinus . . . v. 22.
 — martius . . . v. 3, 7, 8, 10, 11, 14, 15, viii. 198, 199.
 — mauritanus . . . v. 33.
- Picus medius** . . . v. 10, 21, 22, 27, 37, 42, **47**, 48, 62, vii. 287.
- Picus meridionalis** . . . v. 47.
 — mesospilus . . . v. 19.
- Picus minor** . . . iii. 127, 380.
 v. 5, 25, 26, **53**, 55, 58, 61, 65, 66, 73, 78, 487, vi. 100.
- Picus montanus** . . . v. 19.
 — norvegicus . . . v. 95.
- Picus numidicus** . . v. 22, **33**, 34.
- Picus numidus** . . . v. 33.
 — pinetorum . . . v. 19.
- Picus piper** . . . v. 19, 55, 58, **65**, 66.
- Picus pityopicus** . . . v. 19.
 — polonicus . . . v. 39.
 — quereuum . . . v. 47.
 — roseiventris . . . v. 47.
 — scindeanus . . . v. 22.
 — striolatus . . . v. 53.
- Picus syriacus** . . v. 22, **35**, 36, 37.
- Picus tridactylus** . . . iii. 127.
 v. 7, 69, 70.
 — uralensis . . . v. 39.
 — villosus . . . v. 27.
 — viridi-canus . . . v. 95.
- Picus viridis** . . . v. 7, 8, 9, 77, 80, 83, 87.
 pilaris (Arceuthornis) . . . ii. 41.
 — (Merula) . . . ii. 41.
 — (Planesticus) . . . ii. 41.
 — (Sylvia) . . . ii. 41.
- pilaris (Turdus)** . . . ii. **41**, 45, 61, 63, 95, 123, 124, viii. 340.
- pileata** (Campicola) . . . ii. 304.
 — (Curruca) . . . ii. 421.
 — (Pyrrhula) . . . iv. 101.
 — (Saxicola) . . . ii. 191.
- pileatum** (Xema) . . . viii. 357.
- pileatus** (Chloirocephalus) . . . viii. 357.
 — (Chroicocephalus) . . . viii. 357.
 — (Neophron) . . . v. 394, 658.
- pinetarius** (Falco) . . . vi. 31, 81.
- pinetorum** (Accentor) . . . iii. 39.
 — (Butalis) . . . iii. 447.
 — (Calamoherpe) . . . ii. 567.
 — (Cannabina) . . . iv. 31.
 — (Chloris) . . . iii. 567.
 — (Columba) . . . vii. 3.
 — (Crucirostra) . . . iv. 121, 127.
 — (Dandalus) . . . ii. 329.
 — (Dendrocopus) . . . v. 3.
 — (Emberiza) . . . iv. 228.
 — (Gecinus) . . . v. 77.
 — (Mecistura) . . . iii. 67.
 — (Merula) . . . ii. 91.
 — (Nyctala) . . . v. 319.
 — (Nyctale) . . . v. 319.
 — (Parus) . . . iii. 87.
 — (Phyllopneuste) . . . ii. 485.
 — (Picus) . . . v. 19.
 — (Rubecula) . . . ii. 329.
 — (Scolopax) . . . vii. 615.
 — (Sitta) . . . iii. 175.
- pinguiscens** (Emberiza) . . . iv. 185.
- Pinguinus** . . . viii. 555.
 — impennis . . . viii. 563.
 — pica . . . viii. 557.
 — torda . . . viii. 557.
- Pinicola** . . . iv. 95, **109**, 119.
- Pinicola americana** . . . iv. 111.
- Pinicola enucleator** . . iv. 109, **111**.
- Pinicola rubra** . . . iv. 111.
 — subhemachalana . . . iv. 115.
- Pipastes** . . . iii. 283.
 — agilis . . . iii. 309, 313.
 — arboreus . . . iii. 309, 313, iv. 200.
 — maculatus . . . iii. 309, 313.
 — montanus . . . iii. 309.
 — plumatus . . . iii. 309.
- pipiens** (Anthus) . . . iii. 331.
- Pipodes** . . . v. 67.
 — tridactylus . . . v. 69.
- pipra (Picus)** . . . v. 19, 55, 58, **65**, 66.

- pipra* (*Xylopicus*) v. 65.
Pipripicus v. 17.
 — *leuconotus* v. 39.
 — *medius* v. 47.
 — *minor* v. 53.
 — *uralensis* v. 39.
pisanus (*Coccyzus*) v. 219.
 — (*Cuculus*) v. 219.
piscatrix (*Aquila*) vi. 139.
piscinarum (*Calamoherpe*) ii. 567.
pispoletta (*Alauda*) iv. 355.
***pispoletta* (*Calandrella*)** .. iv. 343,
 344, 347, 349, 352, 353,
355, 356, 357.
pispoletta (*Calandritis*) iv. 355.
pithyornis (*Emberiza*) iv. 208, 232.
pithyornus (*Emberiza*) iv. 207.
Pittidæ iii. 363.
pityopicus (*Picus*) v. 19.
pityopsittaca (*Loxia*) ... iv. 128, 129, 135.
pityopsittacus (*Crucirostra*) iv. 121.
***pityopsittacus* (*Loxia*)** ... iv. 121.
pityornis (*Buscarla*) iv. 217.
 — (*Emberiza*) iv. 217.
Planesticus ii. 1.
 — *atrogularis* ii. 83.
 — *fuscatus* ii. 63.
 — *obscurus* ii. 71.
 — *pilaris* ii. 41.
 — *ruficollis* ii. 67.
Planetis viii. 253, 307.
 — *guttatus* viii. 307.
planga (*Aquila*) v. 491.
planiceps (*Archibuteo*) v. 471.
 — (*Coccothraustes*) iii. 575.
 — (*Hippolais*) ii. 521.
 — (*Machetes*) viii. 87.
 — (*Nyctala*) v. 319.
 — (*Nyctale*) v. 319.
 — (*Pandion*) vi. 139.
 — (*Pernis apivorus*) vi. 3.
 — (*Pyrrhocorax*) iv. 445.
planifrons (*Somateria*) vi. 629.
planorum (*Galerita cristata*) iv. 286.
Platalea vi. 317.
Platalea ajaja vi. 325.
 — *chlororhyncha* vi. 324.
 — *flavipes* vi. 325.
Platalea leucorodia vi. 317,
319, 323, 324.
Platalea leucorodius vi. 319.
 — *major* vi. 324.
 — *melanorhynchos* vi. 324.
 — *minor* vi. 324.
 — *nivea* vi. 319.
 — *pyrrhops* vi. 319.
 — *tenuirostris* vi. 228, 323,
 324.
Plataleidæ vi. 317.
Platea vi. 317, 319.
Platea leucopodius vi. 319.
Platea leucorodia .. vi. 317, 319.
Platypus vi. 549, 607, 615,
 655, 675.
 — *barrowii* vi. 603.
 — *faberi* vi. 617.
 — *ferinus* vi. 551.
 — *fuligulus* vi. 573.
 — *fuscus* vi. 657.
 — *glacialis* vi. 617.
 — *histrionicus* vi. 609.
 — *leucocephalus* vi. 677.
 — *marilus* vi. 565.
 — *minutus* vi. 609.
 — *niger* vi. 663.
 — *perspicillata* vi. 669.
 — *rufinus* vi. 559.
 — *spectabilis* vi. 643.
***platyrhyncha* (*Limicola*)** .. vi. 340,
 viii. i, 3.
platyrhyncha (*Pelidna*) viii. 3.
 — (*Tringa*) viii. 3.
platyrhynchos (*Melanitta*) vi. 657.
 — (*Nucifraga*) iv. 451.
 — (*Oedemia*) vi. 657.
 — (*Phoenicopterus*) vi. 343.
platyrhynchus (*Clypeata*) vi. 497.
 — (*Phalaropus*) vii. 605.
platyrincha (*Tringa*) viii. 3.
platyrostris (*Phalaropus*) vii. 605.
platystoma (*Curruca*) ii. 503.
platyura (*Atraphornis*) iii. 14.
 — (*Pernis*) vi. 3.
 — (*Scolopax*) vii. 615.
platyuros (*Bernicla*) vi. 389.
 — (*Fulica*) vii. 327.
platyurus (*Anser*) vi. 363.
 — (*Bradypterus*) ii. 643.
 — (*Bradyptetus*) ii. 639.
 — (*Somateria*) vi. 629.
Plautus viii. 355, 555.
 — *glaucus* viii. 433.
 — *impennis* viii. 563.
 — *leucopterus* viii. 439.
Plectrophanes iii. 615,
 iv. 251, 257.
Plectrophanes borealis iv. 261.
 — *calcaratus* iv. 253.
 — *fringilloides* iii. 617.
 — *groenlandicus* iv. 253.
 — *hiemalis* iv. 261.
Plectrophanes lapponicus iii. 266,
 306,
 iv. 253, 257.
Plectrophanes maccownii iv. 257.
 — *melanomus* iv. 257.
Plectrophanes nivalis .. iii. 620,
 iv. 251, 257, 260, 261.
Plectrophanes ornatus iv. 257.
 — *pictus* iv. 257.
Plegadis vi. 333, 335, 340.
 — ***falcinellus*** vi. 333, 335,
 336, 339.
Plegadis guarauna vi. 339.
 — *ridgwayi* vi. 339.
Plegadornis vi. 333.
 — *falcinella* vi. 335.
 — *major* vi. 335.
 — *minor* vi. 335.
pleschanka (*Enanthe*) ii. 231.
plinii (*Himantopus*) vii. 587.
Plotus levaillantii vi. 171, 228.
plumata (*Alauda*) iii. 309.
plumatus (*Anthus*) iii. 309.
 — (*Pipastes*) iii. 309.
plumbea (*Anous*) viii. 327.
 — (*Hydrochelidon*) viii. 327, 332.
 — (*Sterna*) viii. 327.
plumbeitarsus (*Phyllopeuste*) ... ii. 507.
***plumbeitarsus* (*Phylloscopus*)**
 ii. 467, 507.
plumipes (*Columba*) vii. 11, 17, 21.
 — (*Falco*) v. 471.
Pluvialis vii. 399, 433, 453, 473,
 505, 537.
 — *apricarius* vii. 435, 436.
 — *aurea* vii. 435.
 — *fluviatilis* vii. 491.
 — *fulvus* vii. 436, 443.
 — *americanus* vii. 436, 445.
 — *longipes* vii. 443, 444.
 — *major* vii. 401.
 — *morinellus* vii. 507.
 — *persica cristata* vii. 539.
 — *senegalensis armata* vii. 539.
 — *squatarola* vii. 455.
 — *taitensis* vii. 443.
 — *torquata* vii. 497.
 — *minor* vii. 497.
 — *varius* vii. 455.
 — *xanthocheilus* vii. 443.
***pluvialis* (*Charadrius*)** .. vii. 433,
435, 436, 437, 443, 445,
 447, 449, 451, 453,
 462, 633,
 viii. 207.
Pluvianus vii. 519.
Pluvianus ægyptiacus vii. 521.
Pluvianus ægyptius vii. 519, 521.
Pluvianus chlorocephalus vii. 521.
 — *melanocephalus* vii. 521.
Pnigohierax vi. 13, 64.
Podiceps viii. 627.
Podiceps affinis viii. 639.
 — *albescens* viii. 665.
 — *ambiguus* viii. 645.
 — *arcticus* viii. 645, 648.
Podiceps auritus .. viii. 635, 645,
 648, 651, 652.

- Podiceps australis* viii. 629, 635.
 — *bicornis* viii. 645.
 — *californicus* viii. 649, 656.
 — *canogularis* viii. 639.
 — *caspicus* viii. 645.
 — *cooperi* viii. 639.
 — *cornutus* viii. 645.
Podiceps cristatus viii. 627,
 629, 635, 642, 643, 644, 662.
 — *fluviatilis* viii. 635, **659**,
 663, 665.
 — *griseigena* viii. 633, 635,
 639, 643.
Podiceps griseigena, var. *holbölli* . viii. 639.
 — *gularis* viii. 659.
 — *habrycidus* viii. 659.
 — *hebricidus* viii. 659.
 — *hebridialis* viii. 659.
 — *hectori* viii. 629, 635.
 — *holbölli* viii. 641.
 — *holbölli* viii. 639.
 — *longirostris* viii. 639.
 — *major* viii. 643.
 — *minor* v. 210.
 viii. 632, 659.
 — *minutus* viii. 659.
 — *mitratus* viii. 629.
 — *nestor* viii. 663.
 — *nigricans* viii. 645.
Podiceps nigricollis viii. 632,
 648, **651**, 652, 654, 656.
Podiceps noctivagus viii. 659, 665.
 — *novæ-hollandiæ* viii. 659.
 — *obscurus* viii. 645.
 — *orientalis* viii. 651.
 — *pallidus* viii. 659.
 — *patagiatus* viii. 629.
 — *pelzelni* viii. 665.
 — *philippensis* vii. 119.
 viii. 659.
 — *pygmæus* viii. 659.
 — *recurvirostris* viii. 651.
 — *rostratus* viii. 629.
 — *rubricollis* viii. 333, 639.
 — *rufipectus* viii. 663.
 — *sclavus* viii. 645.
 — *subcristatus* viii. 639.
 — *tricolor* viii. 659, 665.
 — *widhalmi* viii. 629.
podiceps (*Ardetta*) vi. 263.
Podicipitidæ viii. 627.
Pœcila alpestris iii. 107.
 — *assimilis* iii. 107.
 — *borealis* iii. 107.
 — *kamtschatkensis* iii. 119.
 — *lugens* iii. 121.
 — *lugubris* iii. 121.
 — *salicaria alpina* iii. 107.
 — *assimilis* iii. 107.
Pœcila salicaria borealis iii. 107.
 — *sibiricus* iii. 125.
Pœcile iii. 77.
 — *alpestris* iii. 107.
 — *ater* iii. 87.
 — *baicalensis* ii. 119.
 — *borealis* iii. 107.
 — *communis* iii. 99.
 — *lugubris* iii. 121.
 — *palustris* iii. 99, 107.
Pœcilornis vi. 13.
 — *cenchris* vi. 125.
poensis (*Strix*) v. 237.
poiana (*Falco*) v. 449.
Poikilis iii. 77.
 — *alpestris* iii. 107.
 — *borealis* iii. 107.
 — *lugubris* iii. 121.
 — *palustris* iii. 99.
 — *sibiricus* iii. 125.
polaris (*Mormon*) viii. 599.
 — (*Uria*) viii. 575.
poliocœlia (*Bombyciphora*) iii. 429.
poliorynchos (*Falco*) vi. 3.
pollux (*Saxicola*) ii. 190.
polonicus (*Parus*) iii. 159.
 — (*Pendulinus*) iii. 159.
 — (*Picus*) v. 39.
poltaratskyi (*Sturnus*) iv. 419, 420.
polyglotta (*Ficedula*) ii. 517.
***polyglotta* (*Hypolais*)** ii. **517**,
 521, 522, 523, 524, 525, 529,
 532, 536, 540, 543.
 v. 210.
polyglotta (*Sylvia*) ii. 517, 522.
polyglottus (*Petrocossyphus*) ii. 129.
Polymitra iv. 149.
 — *striolata* iv. 197.
Polypteryx v. 381.
 — *cinereus* v. 383.
Polysticta vi. 627, 654.
 — *stelleri* vi. 649.
polyzonoides (*Accipiter*) v. 638.
pomarhina (*Lestrus*) viii. 463.
pomarhinus (*Stercorarius*) viii. 463.
***pomarina* (*Aquila*)** v. **491**,
 492, 494, 498, 500,
 501, 504.
pomarina (*Cataractes*) viii. 463.
 — (*Catarracta*) viii. 463.
 — (*Clypeata*) vi. 497.
 — (*Lestrus*) viii. 463.
 — (*Sterna*) viii. 263.
 — (*Sternula*) viii. 279.
pomarinus (*Lestrus*) viii. 463.
 — (*Stercorarius*) viii. 457, 463.
pomatorhinus (*Lestrus*) viii. 463.
***pomatorhinus* (*Stercorarius*)** viii.
463, 466, 482.
Pomatorhynchus iii. 421.
 — *tschagra* iii. 423.
pomeranus (*Enneactonus*) iii. 407.
 — (*Lanius*) iii. 407.
pomerinus (*Lestrus*) viii. 463.
Pontoaëtus v. 543.
 — *leucoryphos* v. 545.
 — *macei* v. 545.
popetue (*Chordeiles*) iv. 625.
Porphyrio vii. **297**, 303,
 305, 308.
Porphyrio ægyptiacus vii. 303.
Porphyrio alleni .. vii. **307**, 308.
Porphyrio antiquorum vii. 299.
 — *cæruleus* vii. 297.
 — *cæsius* vii. 299.
 — *chloronotus* vii. 303.
 — *chlorynotus* vii. 303.
 — *erythropus* vii. 303.
 — *hyacinthinus* vii. 299, 302, 303.
 — *madagascariensis* vii. 303, 304.
 — *minutus* vii. 307.
 — *smaragdonotus*... vii. 301, 302, 303.
 — *smaragdotus* vii. 303.
Porphyrio smaragnotus vii. **303**,
 304, 306.
Porphyrio variegatus vii. 307, 308.
Porphyrio veterum vii. 297,
299, 301, 303, 304,
 305, 306.
Porphyrio-Gallinula alleni vii. 307.
porphyrio (*Fulica*) vii. 299, 303.
 — (*Gallinula*) vii. 303, 307.
 — (*Hydrionia*) vii. 307.
 — (*Hydrornia*) vii. 307.
 —, var. (*Gallinula*) vii. 299.
Porzana vii. **265**, 267, 289.
 — *bailloni* vii. **275**, 283,
 284, 287.
Porzana baillonii vii. 275.
 — *carolina* vii. 265.
Porzana maruetta.. vii. 265, **267**,
 277, 280, 287, 315.
Porzana minuta vii. 283.
Porzana parva vii. 276, 277,
 280, **283**.
Porzana pygmæa vii. 275.
porzana (*Crex*) vii. 267.
 — (*Gallinula*) vii. 267.
 — (*Ortygometra*) vii. 267.
 — (*Rallus*) vii. 267.
 — (*Zapornia*) vii. 267.
Potamodus ii. 609, 637, 639.
 — *cettii* ii. 639.
 — *fluviatilis* ii. 621.
 — *orientalis* ii. 639.
prasinopyga (*Sylvia*) ii. 503.
pratensis (*Alauda*) iii. 285, 335.

- pratensis (Anthus)** . . . ii. 325, 616,
iii. 283, **285**, 289, 291, 292,
293, 295, 299, 300, 301, 302,
306, 309, 310, 311, 320, 332.
iv. 259.
v. 210.
vii. 633.
- pratensis (Calamoherpe) ii. 573.
- pratensis (Crex)** vii. 258,
289, **291**.
- pratensis (Leimoniptera) iii. 285.
- (Spipola) iii. 285, 309.
- japonicus (Anthus) iii. 331.
- nubicus (Anthus) iii. 299.
- Praticola rubicola ii. 263.
- Pratincola** ii. 185, **253**, 271.
vii. 409.
- Pratincola borbonica ii. 265, 266.
— caprata v. 210.
— ferrea v. 210.
— fervida ii. 255.
— glareola vii. 411.
- Pratincola hemprichii** ii. 265,
266, 269, **273**.
- Pratincola indica ii. 263, 264, 265, 269.
v. 210.
- insignis ii. 266.
- leucura ii. 265, 266, 269.
- moussieri ii. 301.
- pastor ii. 265.
- robusta ii. 265, 266.
- Pratincola rubetra** ii. **255**,
257, 267.
iv. 226.
v. 210, 211.
- Pratincola rubetroides ii. 257, 259.
- Pratincola rubicola** ii. 193, 258,
263, 265, 266, 269, 273, 274.
v. 210.
- Pratincola rubicola hemprichii ii. 273.
- salax ii. 265.
- senegalensis ii. 255.
- sibylla ii. 265, 266.
- torquata ii. 265, 265.
- pratincola (Glareola)** vii. 409,
411, 414, 416, 419, 420, 421.
viii. 154, 414.
- pratincola (Hirundo) vii. 411.
- (Strix) v. 237, 239.
- (Trachelia) vii. 411.
- Pratincolæ ii. 275.
- pratorum (Anthus) iii. 285.
- (Circus) v. 423.
- (Saxicola) ii. 255.
- (Strigiceps) v. 423.
- preglii (Hypolais) ii. 517.
- (Sylvia) ii. 537.
- Prinia iii. 1, 11, 16.
- cysticola iii. 3.
- cursitans iii. 3.
- gracilis iii. 13.
- lepida iii. 13.
- subhimalayana iii. 3.
- Prion caribbæus viii. 548.
- Procellaria** vi. 149.
viii. **489**, 503, 511, 533,
542, 543, 549.
- Procellaria anglorum viii. 517.
- anjinho viii. 552, 553.
- borealis viii. 535.
- brevirostris viii. 545.
- bullockii viii. 497.
- bulweri viii. 552, 553.
- bulwerii viii. 551.
- cinerea viii. 513, 535.
- columbina viii. 551, 552.
- cristatus vi. 163.
- diabolica viii. 545, 547.
- fuliginosa viii. 523.
- glacialis viii. 535.
- graculus vi. 163.
- gravis viii. 527.
- grisea viii. 523, 524.
- hæsitata viii. 545.
- hasita viii. 545.
- hasitata viii. 545.
- hiemalis viii. 535.
- kuhli viii. 513.
- leachii viii. 497, 498.
- leucorhoa viii. 497.
- Procellaria leucorrhœa** viii.
489, **497**.
- Procellaria lugubris viii. 491.
- major viii. 527.
- melanonyx viii. 491.
- melitensis viii. 491.
- meridionalis viii. 545.
- minor viii. 535.
- nereis viii. 510.
- oceanica viii. 505, 510.
- Procellaria pelagica** viii. 489,
491, 497, 505.
- Procellaria pelecanus vi. 151.
- puffinus viii. 513, 517.
- rubritarsi viii. 545.
- tethys viii. 494.
- tristis viii. 523.
- wilsoni viii. 505.
- yelkouan viii. 517.
- yelkuan viii. 517.
- Procellariidæ viii. 489.
- procellosus (Larus) viii. 381.
- Proctopus viii. 627.
- Progne iii. 471.
- purpurea iii. 471.
- projer (Fringilla) iv. 163.
- Propasser iv. 67.
- rhodochrous iv. 20.
- rubicillus iv. 69.
- sordida iv. 75.
- proregulus (Ficedula) ii. 469.
- (Motacilla) ii. 469.
- (Phyllopneuste) ii. 409.
- (Phylloscopus) ii. 468, 471, 472.
- (Reguloides) ii. 469, 470, 473, 474.
- (Regulus) ii. 507.
- (Sylvia) ii. 469.
- provincialis (Curruca) ii. 441.
- (Malurus) ii. 441.
- (Melizophilus) ii. 441, 448.
- (Motacilla) ii. 441.
- (Sylvia) ii. 441.
- (Thamnodus) ii. 441.
- Prunella iii. 27.
- modularis iii. 39.
- montanella iii. 35.
- Psaroides iv. 421.
- roseus iv. 423.
- Pseudastus v. 573.
- bonelli v. 575.
- pseudo-corone (Corvus) iv. 531.
- Pseudoluscinia ii. 609.
- fluviatilis ii. 621.
- savii ii. 627.
- pseudopityopsittacus (Crucirostra) iv. 121.
- pseudo-pyrhuloides (Cynchramus) iv.
241.
- pseudoralloides (Buphus) vi. 251.
- Pseudoscopolax semipalmatus viii. 185.
- psilodactyla (Strix) v. 357.
- (Syrnia) v. 357.
- Psithyræus ii. 609, 611.
- psittacea (Loxia) iv. 111.
- Psophia vii. 367.
- undulata vii. 391.
- Pterochalinus vi. 1.
- Pterocircus v. 413.
- cinerascens v. 423.
- pallidus v. 441.
- Pterocles** v. 628.
vii. **59**, 73.
- **alchata** vii. 59, 62, 63,
64, **67**, 78.
- Pterocles arenaria vii. 63.
- Pterocles arenarius** vi. 49, 56.
vii. **61**, 69, 70.
- Pterocles caspius vii. 67, 69.
- exustus vii. 59, 64, 534.
- fasciatus iv. 200.
- guttatus vi. 56.
vii. 534.
- senegallus vii. 59, 64.
- setarius vi. 56.
vii. 67, 431.
- Pteroclidæ vii. 59.

- Pteroclorus* vii. 59.
 — *alchata* vii. 67.
Pterocyanea cirica vi. 513.
Pterodroma viii. 549.
 — *bulweri* viii. 551.
Ptilogonyx iii. 427, 445.
ptilorhynchus (*Pernis*) vi. 8.
Ptnigohierax lanarius vi. 59.
Ptynx v. 269.
 — *liturata* v. 277.
 — *uralensis* v. 277.
Ptyonoprogne iii. 503.
 — *pallida* iii. 521.
Puffinus viii. **511**, 517, 543, 549, 553.
Puffinus amaurosoma viii. 523.
Puffinus anglorum viii. 413, 511, 513, 515, **517**, 520, 528, 530, 531.
Puffinus arcticus viii. 517, 527.
 — *barolii* viii. 517.
 — *cinereus* viii. 513, 514, 523, 527.
 — *columbinus* viii. 551.
 — *fuliginosus* viii. 523.
Puffinus griseus viii. **523**, 528, 529, 531.
 — ***kubli*** viii. **513**, 520, 528, 530, 531.
Puffinus kublii viii. 513.
 — *pherminieri* viii. 545.
Puffinus major viii. 523, 524, 525, **527**, 528, 530, 552.
Puffinus obscurus viii. 511, 517, 520, 521, 527, 528, 552.
 — *tristis* viii. 523.
 — *yelcuanus* viii. 517.
 — *yelkouan* viii. 517.
puffinus (*Nectris*) viii. 517.
 — (*Procellaria*) viii. 513, 517.
pugnax (*Chacura*) vii. 97.
***pugnax* (*Machetes*)** viii. 85, **87**, 199.
pugnax (*Pavoncella*) viii. 87.
 — (*Philomachus*) viii. 87.
 — (*Totanus*) viii. 87.
 — (*Tringa*) viii. 87.
pulchella (*Strix*) v. 329.
 — (*Stryx*) v. 329.
pulchrata (*Columba*) vii. 45.
pullata (*Fulica*) vii. 327.
pumila (*Ardea*) vi. 251.
pumilum (*Glaucidium*) v. 354.
punctata (*Gallinula*) vii. 267.
 — (*Jynx*) v. 103.
 — (*Yunx torquilla*) v. 103.
punctatissima (*Strix*) v. 237, 240.
punctatus (*Caprimulgus*) iv. 621.
 — (*Caprimulgus europæus*) iv. 621.
 — (*Macrorhamphus*) viii. 187.
punctatus (*Pelecanus*) vi. 181.
 — (*Troglodytes*) iii. 219, 223, 229.
punctorum (*Caprimulgus europæus*) iv. 621.
punicus (*Falco*) vi. 47.
purpurascens (*Ardea*) vi. 217.
 — (*Ardea cristata*) vi. 217.
***purpurascens* (*Sturnus*)** .. iv. 409, 410, 413, **419**, 420.
purpurata (*Ardea*) vi. 217.
***purpurea* (*Ardea*)** .. vi. **217**, 254.
purpurea (*Progne*) iii. 471.
 —, var. *manillensis* (*Ardea*) vi. 217.
purpureus (*Carpodacus*) iv. 79.
 — (*Quiscalus*) vi. 147.
pusilla (*Ardeola*) vi. 259.
 — (*Buscarla*) iv. 235.
 — (*Crex*) vii. 283.
***pusilla* (*Emberiza*)** iv. 195, 202, **235**.
pusilla (*Fringilla*) iii. 561.
 — (*Gallinula*) vii. 283.
 — (*Hiaticula*) vii. 491.
 — (*Linaria*) iv. 37.
 — (*Metoponia*) iii. 561.
 — (*Ortygometra*) vii. 283.
 — (*Pelidna*) viii. 29, 51.
 — (*Pyrhula*) iii. 561.
 — (*Scolopax*) viii. 21.
 — (*Sitta*) iii. 177.
 — (*Strepsilas collaris*) vii. 555.
 — (*Strix*) v. 237, 349.
 — (*Tringa*) viii. 29, 45.
 — (*Zapornia*) vii. 283.
 — *pygmæa* (*Gallinula*) .. vii. 275, 283.
pusillum (*Phalaridium*) vii. 283.
pusillus (*Ægialites*) vi. 491.
 — (*Botaurus*) vi. 259.
 — (*Charadrius*) vii. 491.
 — (*Cynchramus*) iv. 235.
 — (*Ereunetes*) viii. 18, 54.
 — (*Gallinula*) vii. 283.
 — (*Numenius*) viii. 3, 59.
 — (*Oraegithus*) iii. 561.
 — (*Passer*) iii. 561.
 — (*Piculus*) v. 53.
 — (*Rallus*) vii. 275, 287.
***pusillus* (*Serinus*)** iii. 547, 556, **561**, 563.
Pycnonotidæ iii. 351.
Pycnonotus iii. **351**, 363.
Pycnonotus arsinoë iii. 351, 355, 358.
 — *ashanteus* iii. 353.
 — *aurigaster* iii. 361, 362.
Pycnonotus barbatus .. iii. **353**, 355, 425.
 — ***capensis*** .. iii. 351, 353, **361**.
Pycnonotus chrysorrhæus iii. 361.
 — *gabonensis* iii. 355.
Pycnonotus inornatus iii. 353.
 — *nigricans* iii. 357, 358, 361.
 — *obscurus* iii. 353.
 — *valombrosæ* iii. 357.
 — *xanthopygius* iii. 357.
Pycnonotus xanthopygius iii. 355, **357**, 358, 362.
Pyctes vii. 91.
 — *chukor* vii. 97.
Pyctorhis iii. 47.
Pygargus v. 413, 415.
 — *dispar* v. 431.
 — *hinnularia* v. 551.
pygargus (*Aquila*) v. 563.
 — (*Circus*) v. 423, 431.
 — (*Falco*) v. 431, 533, 551.
 — (*Strigiceps*) v. 431.
pygmæa (*Ægialitis*) vii. 491.
 — (*Crex*) vii. 275.
 — (*Erolia*) viii. 59.
 — (*Gallinago*) vii. 642.
 — (*Gallinula*) vii. 275.
 — (*Gallinula pusilla*) vii. 275, 283.
 — (*Limicola*) viii. 3.
 — (*Ortygometra*) vii. 275.
 — (*Peristera*) vii. 55.
 — (*Porzana*) vii. 275.
 — (*Scolopax*) viii. 59.
 — (*Scops*) v. 329.
 — (*Sitta*) iii. 177.
 — (*Strix*) v. 349, 352.
 — (*Tringa*) viii. 21, 59.
 — (*Zapornia*) vii. 275.
pygmæus (*Budytes*) iii. 261.
 — (*Carbo*) vi. 173.
 — (*Charadrius*) vii. 491.
 — (*Graculus*) vi. 173.
 — (*Haliæus*) vi. 173.
 — (*Haliæus*) vi. 169, 173.
 — (*Hydrocorax*) vi. 173.
 — (*Microcarbo*) vi. 173.
 — (*Numenius*) viii. 3, 59.
 — (*Pelecanus*) vi. 173.
***pygmæus* (*Phalacrocorax*)** vi. 170, 171, **173**, 175, 176.
pygmæus (*Podiceps*) viii. 659.
 — (*Turtur*) vii. 55.
pygmea (*Tringa*) viii. 3.
Pygopodes viii. 607.
pyrenaica (*Bonasia*) vii. 67.
pyrenaicus (*Colymbus*) viii. 659.
Pyrenestes iii. 611.
 — *lacteus* iii. 611.
Pyrgita iii. 583, 605.
 — *ægyptiaca* iii. 593.
 — *arcuata* iii. 593.
 — *brachyrhynchus* iii. 587.
 — *cahirina* iii. 587.
 — *campestris* iii. 597.

- Pyrgita castaneus* iii. 587.
 — *castanotus* iii. 587.
 — *cisalpina* iii. 585.
 — *domestica* iii. 587.
 — *hispanica* iii. 593.
 — *hispaniolensis* iii. 593.
 — *intercedens* iii. 587.
 — *italica* iii. 585.
 — *melanorhynchus* iii. 587.
 — *minor* iii. 587.
 — *montana* iii. 597.
 — *orientalis* iii. 593.
 — *pagorum* iii. 587.
 — *pectoralis* iii. 587.
 — *petronia* iii. 607.
 — *rupestris* iii. 607.
 — *rustica* iii. 587.
 — *salicaria* iii. 593.
 — *septentrionalis* iii. 597.
 — *simplex* iii. 603.
 — *valida* iii. 587.
pyrocephalus (*Regulus*) ii. 459.
Pyrophthalma ii. 375, 439.
 — *melanocephala* ii. 401.
 — *mystacea* ii. 407.
 — *sarda* ii. 447.
pyropterus (*Coccyzus*) v. 227.
Pyrrhacorax iv. **435**, 445.
 — **alpinus** iv. 396, 440, 441, 442, 443, **445**, 446.
Pyrrhacorax alpinus, var. *digitata* . iv. 445.
Pyrrhacorax graculus iv. 435, **437**, 446, 447, 448.
Pyrrhacorax montanus iv. 445.
 — *planiceps* iv. 445.
 — *pyrrhacorax* iv. 445.
 — *rupestris* iv. 437.
pyrrhacorax (*Corvus*) iv. 445.
 — (*Frigilus*) iv. 445.
 — (*Gracula*) iv. 437.
 — (*Pyrrhacorax*) iv. 445.
pyrrhops (*Platalea*) vi. 319.
pyrrhorhoa (*Gallinula*) vii. 316.
Pyrrhula iii. 47, 547, 583.
 iv. 67, 83, **95**, 101, 109.
Pyrrhula aurantiaca iv. 99.
 — *candida* iv. 101.
 — *cassinii* iv. 100.
 — *caucasica* iv. 69.
 — *cineracea* iv. 98, 99, 100, 107.
 — *coccinea* iv. 97, 99, 107.
 — *enucleator* iv. 111.
 — *erythaca* iv. 100.
 — *erythrina* iv. 75, 78.
 — *erythrocephala* iv. 99.
Pyrrhula europæa iv. 95, 97, 98, 99, **101**, 103, 107.
Pyrrhula germanica iv. 101.
 — *githaginea* iii. 292.
 iv. 85.
Pyrrhula griseiventris iv. 99.
 — *hamburgensis* iii. 597.
Pyrrhula major .. iv. **97**, 99, 100, v. 210.
 — **murina** iv. 99, 100, **107**.
Pyrrhula nigra iv. 101.
 — *nipalensis* iv. 99.
 — *orientalis* iv. 99.
 — *payraudæi* iv. 85.
 — *peregrina* iv. 101.
 — *pileata* iv. 101.
 — *pusilla* iii. 561.
 — *rubicilla* iv. 97, 99, v. 304.
 — *rufa* iv. 101.
 — *serinus* iii. 549.
 — *sinaica* iv. 73, 78, 85.
 — *synoica* iv. 73.
 — *vulgaris* iii. 213, iv. 101, 107.
pyrrhula (*Fringilla*) iv. 97, 101.
 — (*Loxia*) iv. 97, 99, 101.
Pyrrhulanda nigriceps iv. 336.
Pyrrhulinota iv. 67.
 — *rosæcolor* iv. 75.
 — *rosea* iv. 75.
 — *roseata* iv. 75.
pyrrhulinus (*Schoeniclus*) iv. 241.
pyrrhuloides (*Cynchramus*) .. iv. 241, 249.
pyrrhuloides (Emberiza) . iv. 246, 247, **249**.
pyrrhuloides (*Schoenicola*) iv. 249.
quadricolor (*Larus*) viii. 395.
quercuum (*Picus*) v. 47.
Querquedula .. vi. 467, 485, **505**, 526, 529.
Querquedula acuta vi. 531.
 — *angustirostris* vi. 479.
 — *carolinensis* vi. 508.
 — *caudacuta* vi. 531.
Querquedula circia vi. 505, **513**, 518.
 — **crecca** vi. **507**.
Querquedula creccoides vi. 507.
 — *falcaria* vi. 525.
Querquedula falcata vi. **525**.
 — **formosa** vi. **521**, 523.
Querquedula glaucopteros vi. 513.
 — *glocitans* vi. 521.
 — *scapularis* vi. 513.
 — *strepera* vi. 487.
 — *subcrecca* vi. 507.
querquedula (*Anas*) vi. 513, 517.
 — &c. (*Anas*) vi. 609.
 — *carolinensis* (*Anas*) vi. 589.
 — *ferroënsis* (*Anas*) vi. 617.
 — *ludoviciana* (*Anas*) vi. 589.
Quiscalus purpureus vi. 147.
raalteni (*Anthus*) iii. 322.
radama (*Falco*) vi. 103, 107.
raddei (*Megaloperdix*) vii. 241.
raii (*Locustella*) ii. 617.
 — (*Merganser*) vi. 685.
raii (Motacilla) iii. 248, 263, 264, 265, 275, **277**.
 v. 210.
raii (*Totanus*) viii. 165.
Rallidæ vii. 255.
ralloides (Ardea) vi. **251**, 262.
ralloides (*Ardeola*) vi. 251.
 — (*Buphus*) vi. 251.
 — (*Nycticorax*) vi. 251.
 — *et minuta* (*Ardea*) vi. 251, 259.
Rallus vii. **255**, 265, 289, 311.
 — **aquaticus** . vii. 255, **257**, 261.
Rallus aquaticus minor vii. 267.
 — *bailloni* vii. 275.
 — *cærulescens* vii. 258, 261.
 — *chloropus* vii. 313.
 — *crex* vii. 291.
 — *fulicula* vii. 267.
 — *fuscilateralis* vii. 257.
 — *genistarum* vii. 291.
 — *germanicus* vii. 257.
 — *indicus* vii. 257, 261.
 — *japonicus* vii. 261, 262.
 — *maruetta* vii. 267.
 — *minor* vii. 257.
 — *minutus* vii. 275.
 — *mixtus* vii. 283.
 — *ortygometra* vii. 291.
 — *parvus* vii. 278, 283, 287.
 — *peyrousei* vii. 283.
 — *porzana* vii. 267.
 — *pusillus* vii. 275, 287.
 — *sericeus* vii. 257.
rama (*Hypolais*) ii. 538, 539, 542, 543, 562.
 — (*Phyllopneuste*) ii. 541.
 — (*Sylvia*) ii. 541.
randonii (*Galerida*) iv. 301.
 — (*Megalophonus*) iv. 301, 302.
ranivorus (*Circus*) v. 444.
rapax (Aquila) .. v. **513**, 514, 515.
rapax (*Falco*) v. 513.
raptor (*Aquila*) v. 513.
rayi (*Budytes*) iii. 277.
 — (*Locustella*) ii. 611.
 — (*Motacilla flava*) iii. 277.
 —, var. *flavifrons* (*Budytes*) iii. 277.
reboudia (*Alauda*) iv. 310.
 — (*Calandrella*) .. iv. 343, 349, 351, 352.
 — (*Calandritis*) iv. 349.
reclamator (*Cossypha*) ii. 345.
Recurvirostra vii. **575**.
Recurvirostra americana vii. 578, 582.
Recurvirostra avocetta .. vii. 575, **577**.

- Recurvirostra europæa* vii. 577.
 — *fissipes* vii. 577.
 — *helebi* vii. 577.
 — *helevi* vii. 577.
 — *sinensis* vii. 577.
recurvirostra (*Limosa*) viii. 195.
recurvirostris (*Podiceps*) viii. 651.
reevesii (*Phasianus*) vii. 87.
 — (*Phœnicura*) ii. 305.
regalis (*Accipiter*) v. 643.
 — (*Accipiter milvus*) v. 643.
 — (*Falco*) v. 533.
 — (*Milvus*) v. 10, 487, 643.
 vi. 11, 160.
regia (*Aquila*) v. 533.
Reguloides ii. 467, 473, 474, 475.
 — *modestus* ii. 469.
 — *occipitalis* ii. 473, 474, 475.
 — *proregulus* ii. 469, 470, 473, 474.
 — *superciliosa* ii. 470.
 — *superciliosus* .. ii. 470, 473, 474, 475.
reguloides (*Phyllopneuste*) ii. 469.
Regulus ii. **451**, 456, 457, 466, 467.
Regulus — ? ii. 465.
 — *aureo-capillus* ii. 453.
 — *auricapillus* ii. 453.
 — *brachyrhynchos* ii. 459.
 — *chrysocephalus* ii. 453.
Regulus cristatus .. ii. 451, **453**,
 459, 461, 464, 465, 466.
 iii. 95.
 v. 210.
Regulus crocecephalus ii. 453.
 — *flavicapillus* ii. 453.
 — *himalayensis* ii. 451, 453, 466.
 — *hippobolais* ii. 485.
Regulus ignicapillus ii. 455,
 458, **459**, 460, 465, 466.
 v. 210.
Regulus inornatus ii. 469.
 — *japonicus* ii. 451, 453.
Regulus maderensis ii. 453,
 462, 464, **465**, 466.
Regulus modestus ii. 469, 470.
 — *mystaceus* ii. 459.
 — *nilsonii* ii. 459.
 — *proregulus* ii. 507.
 — *pyrocephalus* ii. 459.
 — *satrapa* ii. 451, 466.
 — *septentrionalis* ii. 453.
 — *surinamensis* ii. 466.
 — *tristis* ii. 477.
 — *trochilus* ii. 491.
 — *vulgaris* ii. 453.
regulus (*Æsalon*) vi. 83.
 — (*Ammomanes*) iv. 335, 336.
 — (*Annomanes*) iv. 335.
 — (*Falco*) vi. 83.
 — (*Motacilla*) ii. 453.
regulus (*Sylvia*) ii. 453.
 — (*Troglodytes*) iii. 219.
reinhardti (*Lagopus*) vii. 180.
reinhardti (*Anthus*) iii. 331.
 — (*Lagopus*) vii. 175.
remigialis (*Telephonus*) iii. 424.
resplendens (*Vanellus*) vii. 543.
Rhamphocoris iv. 381.
 — *clot-bey* iv. 383.
Rhamphocorys iv. **381**.
 — *clot-bey* iv. 381, **383**.
Rhantistes viii. 533, 535.
rhenana (*Ardea*) vi. 207.
Rhinocorax iv. 521.
rhodochrous (*Propasser*) iv. 20.
Rhodopechys iv. 83.
 — *phœnicoptera* iv. 91.
rhodoptera (*Fringilla*) iv. 91.
rhodopterus (*Carpodacus*) iv. 91.
Rhodostethia viii. **341**.
 — *rosea* viii. 341, **343**.
Rhodostethia roseus viii. 343.
 — *rossi* viii. 343.
Rhondella ii. 327.
 — *rubecula* ii. 329.
Rhyacophilus viii. 125, 143.
Rhynchaspis vi. 495.
 — *clypeata* vi. 497.
rhynchomega (*Squatarola*) vii. 455.
richardi (*Agrodromas*) iii. 325.
richardi (*Anthus*) iii. 283, 306,
 307, 322, **325**.
 v. 210.
richardi (*Corydalla*) iii. 325.
richardsoni (*Cataractes*) viii. 471.
 — (*Larus*) viii. 345.
 — (*Lestris*) viii. 471.
 — (*Nyctale*) v. 319.
 — (*Stercorarius*) viii. 471, 474.
ridgwayi (*Plegadis*) vi. 339.
ridibunda (*Larus gavia*) viii. 357.
 — *phœnicopos* (*Gavia*) viii. 369.
ridibundum (*Xema*) viii. 357.
ridibundus (*Chroicocephalus*) viii. 357.
 — (*Chroicocephalus*) viii. 357.
 — (*Gavia*) viii. 357.
ridibundus (*Larus*) viii. 275,
 356, **357**, 365, 366, 367,
 378, 379, 388, 391.
ridibundus (*Xema*) viii. 357.
riga (*Larus*) viii. 447.
ringvia (*Cataractes*) viii. 567.
 — (*Lomvia*) viii. 567.
 — (*Uria*) viii. 567.
riocouri (*Cecropis*) iii. 473.
 — (*Hirundo*) iii. 473, 475, 477.
riparia (*Aquila*) v. 521.
riparia (*Cotile*) iii. 503, **505**.
 — (*Cotyle*) .. iii. 491, **505**, 507.
riparia (*Hirundo*) iii. 488, 505.
riparius (*Cynchramus*) iv. 241.
risoria (*Columba*) vii. 51.
 — (*Peristera*) vii. 51.
 — (*Sterna*) viii. 295.
 — (*Streptopelia*) vii. 51.
risorius (*Turtur*) vii. **51**, 52.
Rissa viii. 355, **445**.
Rissa borealis viii. 447.
 — *brachyrhynchus* viii. 447.
 — *brevirostris* viii. 445.
 — *brunnichii* viii. 447.
 — *cinerea* viii. 447.
 — *gregaria* viii. 447.
 — *kotzebui* viii. 447.
 — *minor* viii. 447.
 — *nivea* viii. 381.
 — *niveus* viii. 447.
Rissa tridactyla viii. 440,
 445, **447**.
rissa (*Laroides*) viii. 447.
 — (*Larus*) vi. 184.
 viii. 447.
rivalis (*Motacilla*) iii. 251.
 — (*Totanus*) viii. 135.
robusta (*Linaria*) iv. 37.
 — (*Pratincola*) ii. 265, 266.
 — (*Telmatias*) vii. 641.
robustus (*Glandarius*) iv. 481.
 — (*Parus*) iii. 79.
rochii (*Cuculus*) v. 199, 203.
rodgersi (*Fulmarus*) viii. 539.
rosaceus (*Anthus*) iii. 303.
rosæcolor (*Pyrrhulinita*) iv. 75.
rosea (*Acredula*) iii. **63**, 68,
 69, 70, 73, 74.
rosea (*Boscis*) iv. 423.
 — (*Coccothraustes*) iv. 75.
 — (*Erythrospiza*) iv. 75.
 — (*Gracula*) iv. 423.
 — (*Loxia*) iv. 75.
 — (*Mecistura*) iii. 63.
 — (*Merula*) iv. 423.
 — (*Pyrrhulinita*) iv. 75.
rosea (*Rhodostethia*) viii. 341,
 343.
rosea (*Rossia*) viii. 343.
roseata (*Pyrrhulinita*) iv. 75.
roseilla (*Sitta*) v. 6.
roseipes (*Anser albifrons*) vi. 375.
roseiventris (*Picus*) v. 47.
rosenbergi (*Strix*) v. 240.
rosenbergii (*Strix*) v. 238.
roseus (*Acridotheres*) iv. 423.
 — (*Carpodacus*) iv. 67.
 — (*Hæmorrhous*) iv. 75.
 — (*Lanius*) iii. 393.
 — (*Larus*) viii. 343, 389.
 — (*Nomadites*) iv. 423.

- roseus (Parus) iii. 63.
roseus (Pastor) iv. 421,
423, 428.
roseus (Pecuarinus) iv. 423.
— (Pelecanus) vi. 193.
roseus (Phœnicopterus) .. vi. 341,
343, 348, 349.
roseus (Psaroides) iv. 423.
— (Rhodostethia) viii. 343.
— (Sturnus) iv. 423.
— (Thremmaphilus) iv. 423.
— (Turdus) iv. 423.
rossii (Rhodostethia) viii. 343.
Rossia viii. 341.
— rosea viii. 343.
rossii (Anser) vi. 410, 411.
— (Larus) viii. 343, 345.
rostrata (Saxicola) ii. 187.
rostratus (Podiceps) viii. 629.
Rubecula ii. 327.
— familiaris ii. 329.
— foliorum ii. 329.
— pinetorum ii. 329.
— rubecula ii. 329.
— septentrionalis ii. 329.
rubecula (Curruca) ii. 329.
— (Dandalus) ii. 329.
rubecula (Erithacus) ii. 309,
327, **329.**
v. 210.
rubecula (Erythaca) ii. 329, 333.
— (Erythacus) v. 208.
— (Ficedula) ii. 329.
— (Lusciola) ii. 329.
— (Motacilla) ii. 329.
— (Muscicapa) iii. 465.
— (Rhondella) ii. 329.
— (Rubecula) ii. 329.
— (Saxicola) ii. 255.
— (Sylvia) ii. 329,
iv. 227.
rubeculoides (Saxicola) iii. 465.
rubens (Anas) vi. 497.
— (Anthus) iii. 331.
— (Falco) vi. 51.
ruber (Milvus) v. 643.
— (Phœnicopterus) vi. 343, 349.
rubescens (Calamodyta) ii. 633.
— (Locustella) ii. 633, 634.
— (Sylvia) ii. 407.
Rubetra ii. 253,
iii. 445.
— anglicana iii. 453.
— major ii. 255.
— senegalensis ii. 255.
rubetra (Curruca) ii. 255.
— (Fruticicola) ii. 255.
— (Motacilla) ii. 255.
— (Enanthe) ii. 255.
rubetra (Pratincola) ii. **255,**
257, 267.
iv. 226.
v. 210, 211.
rubetra (Saxicola) ii. 253, 255, 302.
— (Sylvia) ii. 255.
rubetroides (Pratincola) ii. 257, 259.
rubicilla (Loxia) iv. 69.
— (Pyrhula) iv. 97, 99,
v. 304.
rubicillus (Carpodacus) .. iv. **69.**
— (Propasser) iv. 69.
rubicola (Curruca) ii. 263.
— (Fruticicola) ii. 263.
— (Motacilla) ii. 263, 273.
— (Enanthe) ii. 263.
rubicola (Pratincola) ii. 193,
258, **263,** 265, 266,
269, 273, 274.
v. 210.
rubicola (Saxicola) .. ii. 263, 273, 302, 351.
— (Sylvia) ii. 263.
— hemprichii (Pratincola) . . . ii. 273.
rubidus (Accentor) iii. 40, 42.
— (Calidris) viii. 101.
— (Charadrius) viii. 101.
— (Phœnicopterus) vi. 349.
rubicinosa (Aëdon) ii. 547.
— (Sylvia) ii. 547.
rubicinosus (Turdus) ii. 547.
rubra (Alauda) iii. 331.
— (Perdix) vii. 103.
— (Pinicola) iv. 111.
— barbarica (Perdix) vii. 111.
— candida (Perdix) vii. 103.
— communis (Caccabis) vii. 103.
— intercedens (Perdix) vii. 103.
— major (Passer linaria) iv. 31.
— minor (Passer linaria) iv. 37.
— pallida (Perdix) vii. 103.
— varia (Perdix) vii. 103.
rubricapilla (Curruca) ii. 421, 422.
rubricapillus (Mergus) vi. 685.
rubricollis (Colymbus) viii. 639.
— (Podiceps) viii. 333, 639.
rubrifasciata (Crucirostra) iv. 141.
— (Loxia) iv. 129.
rubrifrons (Erythrothorax) iv. 75.
— (Fringilla) iii. 561.
rubritarsi (Procellaria) viii. 545.
rubriventer (Aquila) v. 575.
rubriventris (Gelastes) viii. 389.
rubro (Mergus gutture) viii. 621.
rudis (Alcedo) v. 125.
rudis (Ceryle) v. 116, 123, **125,**
136, 137.
v. 125.
rudis (Ispida) v. 125.
rueppelli (Argya) iii. 23.
— (Egretta) vi. 231.
rueppelli (Sylvia) . . . ii. **417,** 418.
rufa (Alauda) iii. 331,
iv. 38.
— (Anas) vi. 551.
— (Ardea) vi. 217, 335.
rufa (Caccabis) vii. 91, **103,**
111, 113.
rufa (Fedoa) viii. 203.
— (Ficedula) ii. 485.
— (Ficedula vitiflora) ii. 203, 207.
— (Limosa) viii. 199, 203, 208.
— (Motacilla) ii. 377.
— (Perdix) vii. 103, 111.
— (Phyllopeuste) ii. 485.
— (Phyllopeuste) ii. 485.
— (Pyrhula) iv. 101.
rufa (Saxicola) .. ii. 190, 204, 206,
207, 211, 212, 213, 217.
v. 210.
rufa (Strix) v. 271.
rufa (Sylvia) ii. 375, **377,** 485.
v. 210.
rufa (Sylvicola) ii. 458.
— (Tetrao) vii. 97.
— (Tringa) viii. 77.
— (Trochilus) ii. 485.
— (Vitiflora) ii. 203, 207.
— et lotharingica (Motacilla) .. ii. 485.
rufescens (Acanthis) iv. 47.
— (Actitis) viii. 111.
— (Actiturus) viii. 111.
— (Ægiothus) iv. 37, 47.
— (Anser) vi. 363, 369, 373.
— (Anthus) ii. 551,
iii. 317.
— (Callichen) vi. 559.
— (Corydalla) iii. 317.
— (Falco) vi. 113.
— (Ficedula vitiflora) ii. 203, 208.
— (Fringilla) iv. 37.
— (Galerita) iv. 286.
— (Linacanthus) iv. 47.
— (Linaria) iv. 37, 39, 40, 47.
rufescens (Linota) iv. 39, 40,
43, 44, **47,** 48, 65.
rufescens (Lusciniopsis luscinioides) ii. 627.
— (Melanocorypha) iv. 361, 362.
— (Numenius) viii. 243, 245.
— (Parus) iii. 129.
— (Peristera) vii. 55.
— (Phalaropus) vii. 605.
— (Phileremos) iv. 387.
— (Scops) v. 329.
— (Sitta) iii. 183.
— (Strix) v. 279.
— (Sylvia) ii. 203.
— (Syrnium) v. 271.
— (Tringa) viii. 87, 111, 115.
— (Tringoides) viii. 111.
rufescens (Tryngites) viii. 109, **111.**
rufescens (Turtur) vii. 55.

- Rufibrenta vi. 387.
 — ruficollis vi. 403.
 ruficapilla (Curruca) ii. 421.
 ruficapillus (Merops) v. 165.
 ruficaudus (Lanius) iii. 413.
 ruficeps (Ægialitis) vii. 483.
 — (Alauda arvensis) iv. 373.
 — (Callichen) vi. 559.
 — (Cisticola) iii. 7.
 — (Lanius) iii. 407.
 — (Saxicola) ii. 225.
 ruficollis (Anas) vi. 403, 551.
 — (Anser) vi. 403.
 — (Anthus) iii. 299.
ruficollis (Bernicla) vi. 401,
 403, 406.
 — (Caprimulgus) iv. 633.
 ruficollis (Cisticola) iii. 6.
 — (Corvus) iv. 533, 534.
 — (Erythrosterne parva) iii. 465.
 — (Lanius) iii. 407.
 — (Merops) v. 165.
 — (Phalaropus) vii. 597.
 — (Planesticus) ii. 67.
 — (Rufibrenta) vi. 403.
ruficollis (Turdus) ii. 59, 61,
 65, 67, 69, 86.
 ruficollis brachyurus (Caprimulgus) .. iv.
 633.
 — latirostris (Caprimulgus) iv. 633.
 — macrourus (Caprimulgus) .. iv. 633.
 ruficristata (Ardea) vi. 245, 248.
 — (Bubulcus) vi. 245.
 rufidorsalis (Certhia) iii. 195.
 — (Passer) iii. 587.
 — (Perdix) vii. 103.
 — (Peristera) vii. 39.
 — megarhynchus (Passer) iii. 587.
 — microrhynchus (Passer) iii. 587.
 rufigularis (Anthus) ... iii. 299, 300, 305.
 — (Erythrosterne parva) iii. 465.
 —, var. of pratensis? (Anthus) iii. 300.
 rufilata (Ianthia) ii. 355.
 — (Nemura) ii. 355, 359.
 rufilatus (Nemura) ii. 355.
 rufina (Anas) vi. 559.
 — (Aythya) vi. 559.
 — (Branta) vi. 559, 563.
rufina (Fuligula) vi. 402,
 559, 563.
 rufina (Mergoides) vi. 559.
 — (Netta) vi. 559.
 rufinus (Buteo) v. 457, 463, 466.
 — (Callichen) vi. 559.
 — (Charadrius) vii. 475.
 — (Falco) v. 463.
 — (Platypus) vi. 559.
 rufipectoralis (Cinclus) ii. 167.
 rufipectus (Podiceps) viii. 663.
 rufipennis (Scops) v. 334.
 rufipes (Falco) vi. 93.
 — (Himantopus) vii. 587.
 — (Pannychistes) vi. 93.
 — (Tinnunculus) vi. 93.
 rufitorquatus (Caprimulgus) iv. 633.
 rufitorquis (Caprimulgus) iv. 633.
 rufiventer (Buteo) v. 457.
 rufiventris (Enanthe) .. ii. 289.
rufiventris (Ruticilla) .. ii, 289,
 291.
 rufogularis (Anthus) iii. 299, 303.
 — (Colymbus) viii. 621.
 — (Muscicapa) iii. 465.
 rufonuchalis (Aquila) v. 491, 494.
 rufula (Cecropis) iii. 487.
 — (Corydalla) iii. 307.
rufula (Hirundo) ii. 349, 415,
 iii. 185, 487, 488, 489,
 490, 491, 515, 518,
 iv. 595.
 rufula (Lillia) iii. 487.
 rufulus (Turdus) ii. 71.
 rufus (Accipiter circo) v. 415.
 — (Anthus) iii. 317.
 — (Asilus) ii. 485.
 — (Buteo) v. 415.
 — (Circus) v. 415,
 viii. 333.
 — (Crymophilus) vii. 605.
 — (Cuculus) v. 199, 200.
 — (Enneoctonus) iii. 407.
 — (Falcinellus) vi. 336.
 — (Falco) v. 415.
 — (Lanius) iii. 403, 420.
 — (Numenius) viii. 245.
 — (Phalaropus) vii. 605.
 — (Phoneus) iii. 407.
 — (Phylloscopus) ii. 485.
 — (Tetrao) vii. 93, 103, 111.
 — (Totanus) viii. 211.
 rupellii (Sylvia) ii. 417.
 rupestris (Anthus) ... iii. 303, 325, 337,
 338, 343, 347.
 — (Biblis) iii. 513.
 — (Bonasia) vii. 193.
 — (Chelidon) iii. 495, 513.
 — (Chelidon urbana) iii. 495.
 — (Cinclus) ii. 167.
 — (Columba) vii. 11, 18.
rupestris (Cotile) .. iii. 503, 513.
 — (Cotile) .. iii. 184, 491, 513,
 516, 517, 518, 521, 522,
 iv. 416.
 rupestris (Hirundo) iii. 513, 514.
rupestris (Lagopus) vii. 157,
 159, 160, 162, 163,
 175, 180, 181.
 rupestris (Perdix) vii. 93.
 — (Petronia) iii. 607.
 rupestris (Pyrgita) iii. 607.
 — (Pyrrhocorax) iv. 437.
 — (Scops) v. 329.
 — (Sitta) iii. 183.
 — (Tetrao) vii. 157, 175, 205.
 rupicola (Caccabis) vii. 97.
 — (Columba) vi. 49,
 vii. 45.
 — (Hirundo) iii. 513.
 — (Motacilla) ii. 263.
 — (Sitta) iii. 176.
 — (Turtur) vii. 45, 47, 48.
 rupicolæ-formis (Tinnunculus) ... vi. 115.
 rupicolus (Falco) vi. 132.
 — (Tinnunculus) v. 665,
 vi. 115.
 ruppelli (Curruca) ii. 417,
 v. 188.
 — (Sylvia) ii. 348.
 ruscicola (Sylvia) ii. 401.
 russata (Ardea) ii. 304,
 vi. 245, 247.
 — (Ardeola) vi. 245, 253, 254.
 — (Egretta) vi. 245.
 — (Gallinago) vii. 650.
 — (Herodias) vi. 245.
 — (Scolopax) vii. 642.
 russatus (Buphus) vi. 245.
 — (Erodius) vi. 245.
 russelti (Corydalla) iii. 325.
 russicus (Mystacinus) iii. 49.
 — (Parus) iii. 49.
 rustica (Anas) vi. 589.
 — (Cecropis) iii. 477.
 — (Cisticola) iii. 7.
rustica (Emberiza) .. iv. 229, 232.
 — (Hirundo) iii. 471, 473,
 474, 475, 477, 478, 479,
 480, 483, 488, 490, 491,
 493, 495, 498, 515, 518,
 v. 161, 210,
 vi. 78,
 viii. 502.
 — (Pica) iv. 507, 509,
 510, 511, 517, 519, 520,
 v. 210, 222, 223.
 rustica (Pyrgita) iii. 587.
 — orientalis (Hirundo) .. iii. 474, 477.
 —, var. orientalis (Hirundo) ... iii. 473.
 —, var. savignyi (Hirundo) ... iii. 473.
 Rusticola vii. 613, 631.
 — europæa vii. 615.
 — sylvestris vii. 615.
 — vulgaris vii. 615.
rusticola (Scolopax) vii. 613,
 615.
 rusticula (Scolopax) vii. 615.
 rusticus (Corvus) iv. 509.
 — (Cynchramus) iv. 229.

- rusticus (*Hypocentor*) iv. 229.
rutacilla (*Ficedula*) ii. 277.
— (*Phoenicura*) ii. 277.
Ruticilla ii. 185, **275**, 309,
349, 350.
Ruticilla arborea ii. 277.
— atra ii. 293.
— atrata ii. 289, 293.
— aureora ii. 305, 357.
— cairii ii. 293, 296.
— cyanecula ii. 317.
Ruticilla erythrogastra . ii. **305**.
Ruticilla erythroprocta ii. 289, 290,
292.
— gibraltariensis ii. 293.
— grandis ii. 305.
— hortensis ii. 277.
— indica ii. 289.
Ruticilla mesoleuca . ii. **285**, 286.
Ruticilla montana ii. 293.
Ruticilla moussieri ii. **301**,
302, 303, 304.
Ruticilla nipalensis ii. 289.
— pectoralis ii. 277.
— phoenicura ii. 277, 287, 291,
302, 303.
— phoenicuroides ii. 289, 292.
Ruticilla phoenicurus ii. 275,
277, 285, 287, 297, 301.
v. 210, 211.
— **rufiventris** ii. **289**, 291.
Ruticilla semirufa ii. 289, 290, 292.
— sylvestris ii. 277.
— tithys ii. 302, 304.
Ruticilla titys ii. 275, 279,
293, 296.
v. 210.
Ruticilla tricolor ii. 305.
— vigorsi ii. 305.
Ruticillæ ii. 302.
Ruticillinæ ii. 135.
rutila (*Anas*) vi. 461.
— (*Casarca*) v. 527.
— (*Tadorna*) vi. 461.
— (*Vulpanser*) vi. 461.
rutilans (*Enneactonotus*) iii. 407.
— (*Lanius*) iii. 407, 408.
rutilus (*Lanius*) iii. 407.
sabinei (*Larus*) viii. 337.
— (*Scolopax*) vii. 641.
— (*Telmatias*) vii. 642.
sabini (*Ascolopax*) vii. 641.
— (*Enalius*) vii. 641.
— (*Gallinago*) vii. 641.
— (*Gavia*) viii. 337.
— (*Larus*) viii. 337.
— (*Scolopax*) vii. 641.
— (*Xema*) viii. 335, 337, 338.
sabini (*Scolopax*) vii. 650.
sabini (**Xema**) viii. **337**.
sacer (**Falco**) vi. 15, 18, 19, 52,
59, 61, 63, 64, 65.
sacer, var. (*Falco*) vi. 15.
— (*Gennaia*) vi. 59.
sacra (*Ibis*) vi. 335.
sæbyensis (*Parus*) iii. 143.
saharæ (*Emberiza*) iv. 198, 199, 214.
st. cuthberti (*Somateria*) vi. 629.
saker (*Hierofalco*) vi. 59.
sakhalina (*Scolopax*) vii. 641.
sala (*Alauda*) iv. 312, 313.
salax (*Pratincola*) ii. 265.
Salicaria ii. 515, 545, 557,
603, 609, 637.
— aquatica ii. 591.
— arundinacea ii. 567.
— brunneiceps iii. 3.
— caligata ii. 541.
— capistrata ii. 559.
— certhiola ii. 633.
— cetti ii. 639.
— cisticola iii. 3.
— elæica ii. 537.
— elaiica ii. 528.
— familiaris ii. 553.
— fluviatilis ii. 621.
— galactodes ii. 547, 553, 554.
— lanceolata ii. 617.
— languida ii. 535.
— locustella ii. 611, 614.
— locustella, var. lanceolata ii. 617.
— luscinioides ii. 627.
— magnirostris ii. 561.
— melanopogon ii. 605.
— olivetorum ii. 527.
— pallida ii. 537.
— palustris ii. 561, 573.
— phragmitis ii. 597.
— sericea ii. 639.
— stentorea ii. 585.
— turdina ii. 579.
— turdoides ii. 579.
salicaria (*Calamoherpe*) ii. 573.
— (*Hippolais*) ii. 517, 521.
— (*Iduna*) ii. 541, 559.
— (*Motacilla*) ii. 429, 541.
— (*Musipeta*) ii. 591.
— (*Pyrgita*) iii. 593.
salicaria (**Sylvia**) ii. 375, **429**,
591.
v. 210.
salicaria (*Telmatias*) vii. 641.
— alpina (*Pœcila*) iii. 107.
— assimilis (*Pœcila*) iii. 107.
— borealis (*Pœcila*) iii. 107.
Salicariæ iii. 14.
salicarius (*Acrocephalus*) ii. 591.
salicarius (*Calamodius*) ii. 591.
— (*Parus*) iii. 99.
— (*Passer*) iii. 593.
v. 619.
saliceti (*Lagopus*) vii. 177.
— (*Tetrao*) vii. 165.
— scoticus (*Tetrao*) vii. 165.
salicicola (*Fringilla*) iii. 593.
— (*Passer*) iii. 593.
iv. 352.
salina (*Saxicola*) ii. 215.
— (*Tringa*) viii. 32, 33.
saltator (*Saxicola*) ii. 199, 240.
saltatrix (*Saxicola*) ii. 199.
— (*Vitiflora*) ii. 199.
salvini (*Certhilauda*) iv. 275.
sancti-johannis (*Archibuteo*) v. 473, 489.
sandvicensis (*Asio*) v. 257.
— (*Sterna*) viii. 301.
sandwichensis (*Strix*) v. 257.
sanguinea (**Erythrospiza**) . iv. 83,
91, 92.
sanguinea (*Fringilla*) iv. 91.
— (*Montifringilla*) iv. 91.
santodactylos (*Ardea*) vi. 239.
saqer (*Falco*) vi. 59.
Sarcophorus bilobus vii. 530.
sarda (*Curruca*) ii. 447.
— (*Dumeticola*) ii. 447.
— (*Melizophilus*) ii. 447.
— (*Pyrophthalma*) ii. 447.
— (*Sylvia*) ii. 447.
sardus (**Melizophilus**) ii. 439,
443, **447**, 449.
satrapa (*Regulus*) ii. 451, 466.
saturator (*Halcyon*) v. 133, 135.
— (*Saxicola*) ii. 263.
saularis (*Copsychus*) v. 210.
savanna (*Passerculus*) iv. 194.
savignii (**Hirundo**) iii. **473**,
474, 475, 478, 479, 480,
482, 485.
savignii (*Merops*) v. 165.
savignyi (*Blepharomerops*) v. 165.
— (*Cecropis*) iii. 473.
— (*Merops*) v. 165.
— (*Turtur*) vii. 55.
savii (*Locustella*) ii. 627.
— (*Lusciniola*) ii. 627.
— (*Lusciniopsis*) ii. 627.
— (*Pseudo-lusciniola*) ii. 627.
saxatilis (**Caccabis**) vii. **93**,
95, 97, 98, 101, 102, 106.
saxatilis (*Columba*) vii. 11, 23.
— (*Fringilla*) iii. 617.
saxatilis (**Monticola**) ii. 122,
127, **129**, 134, 146.
v. 210.
saxatilis (*Perdix*) vii. 93.

- Schœniclus minutus* viii. 29.
 — *pyrrhulinus* iv. 241.
 — *subarquatus* viii. 59.
schœniclus (*Cynchramus*) iv. 241.
***schœniclus* (*Emberiza*)** .. iv. 198,
 220, **241**, 246, 250, 259.
 v. 210.
schœniclus, var. (*Emberiza*) iv. 241.
 —, var. *minor* (*Emberiza*) iv. 235.
Schœnicola iv. 149.
 — *arundinacea* iv. 241.
 — *intermedia* iv. 241.
 — *pyrrhuloides* iv. 249.
schœnicola (*Cysticola*) iii. 3.
***schœnobænus* (*Acrocephalus*)**
 ii. 511, **597**, 605, 607.
 v. 210.
schœnobænus (*Calamodyta*).. ii. 591, 597.
 — (*Motacilla*) ii. 597.
 — (*Sylvia*) ii. 591.
schœnobanus (*Sylvia*) ii. 597.
schumavensis (*Strix*) v. 278.
scindeanus (*Picus*) v. 22.
scita (*Calamoherbe*) ii. 541.
 — (*Sylvia*) ii. 541.
sclavonica (*Emberiza*) .. iv. 217, 218, 219.
sclavonicus (*Falco*) v. 471.
 — (*Passer*) iv. 219.
sclavus (*Podiceps*) viii. 645.
scolopacea (*Limosa*) viii. 187.
scolopaceus (*Macrorhamphus*) .. viii. 187,
 191.
Scolopacidæ vii. 575.
 viii. 12.
scolopacina (*Motacilla*) iii. 195.
scolopacinus (*Gallinago*) vii. 641.
Scolopax .. vii. 255, **613**, 615, 629.
 viii. 9, 33, 125, 185,
 193, 201, 219.
Scolopax ægocephala viii. 211.
 — *africana* viii. 59.
 — *arquata* viii. 243.
 — *avosetta* vii. 577.
 — *belgica* viii. 211.
 — *borealis* viii. 221.
 — *brehmi* vii. 641.
 — *brehmii* vii. 641, 650.
 — *calidris* viii. 157.
 — *canescens* viii. 173.
 — *cantabrigiensis* viii. 165.
 — *capensis* vii. 649.
 — *cinerea* viii. 195.
 — *cœlestis* vii. 641, 643.
 — *curonica* viii. 165.
 — *dethardingii* viii. 59.
 — *frenata* vii. 649.
 — *fusca* viii. 165.
 — *gallinago* vii. 641, 648,
 viii. 199.
 — *gallinago anglicana* viii. 21.
Scolopax gallinago minor vii. 653.
 — *gallinaria* vii. 641, 643.
 — *gallinula* vii. 653.
 viii. 199.
 — *grisea* viii. 187.
 — *indicus* vii. 615.
 — *javensis* vii. 648, 649.
 — *lapponica* viii. 203.
 — *leucophæa* viii. 187, 203.
 — *leucurus* vii. 631.
 — *limosa* viii. 211.
 — *madagascariensis* viii. 243.
 — *major* vii. 615, 631, 649,
 viii. 199.
 — *media* vii. 631, 641.
 — *natans* viii. 165.
 — *nigra* viii. 165.
 — *noveboracensis* viii. 187.
 — *obscura* vii. 257.
 — *orientalis* vii. 615.
 — *palustris* vii. 631.
 — *paykullii* viii. 187.
 — *peregrina* vii. 641.
 — *phæopus* viii. 227, 245.
 — *pica* vii. 567.
 — *pinetorum* vii. 615.
 — *platyura* vii. 615.
 — *pusilla* viii. 21.
 — *pygmæa* viii. 59.
 — *russata* vii. 642.
Scolopax rusticola vii. 613,
615.
Scolopax rusticula vii. 615.
 — *sabinei* vii. 641.
 — *sabini* vii. 641.
 — *sabinii* vii. 650.
 — *sakhalina* vii. 641.
 — *scoparia* vii. 615.
 — *solitaria* vii. 631.
 — *stenura* vii. 635.
 — *subarquata* viii. 59.
 — *sumatrana* viii. 195.
 — *sylvestris* vii. 615.
 — *terek* viii. 195.
 — *torquata* vii. 615.
 — *totanus* viii. 165, 173.
scolopax (*Charadrius*) vii. 401.
***scolopax* (*Ædicnemus*)** .. vii. 399,
401, 407.
scoparia (*Scolopax*) vii. 615.
Scops v. **327**.
 vii. 335.
Scops aldrovandi v. 329.
 — *asio* v. 329.
 — *bakkamœna* v. 334.
 — *brucii* v. 334, 335.
 — *capensis* v. 333, 334.
 — *carniolica* v. 329.
 — *ephaltes* v. 329.
 — *europæus* v. 329.
Scops giu v. 327, **329**, 333,
 334, 335.
Scops japonicus v. 334.
 — *kantschatchensis* v. 329.
 — *longipennis* v. 329.
 — *malayanus* v. 334, 335.
 — *minor* v. 329.
 — *minuta* v. 329.
 — *pennatus* v. 333, 334.
 — *pygmæa* v. 329.
 — *rufescens* v. 329.
 — *rufipennis* v. 334.
 — *rupestris* v. 329.
 — *senegalensis* v. 329.
 — *stictonotus* v. 334.
 — *vera* v. 329.
 — *virgo* vii. 353.
 — *zorca* v. 329.
scops (*Asio*) v. 329.
 — (*Bubo*) v. 329.
 — (*Ephialtes*) v. 329, 363.
 — (*Otus*) v. 329.
 — (*Strix*) v. 329, 331, 353.
Scotæus guttatus vi. 270.
 — *nycticorax* vi. 269, 270.
scotata (*Emberiza*) iv. 218.
Scotiaptex v. 269.
 — *uralensis* v. 277.
scotica (*Lagopus bonasa*) vii. 165.
***scoticus* (*Lagopus*)** vii. 162,
165, 184.
scoticus (*Tetrao*) vii. 165.
 — (*Tetrao saliceti*) vii. 165.
Scotophilus v. 317.
scriba (*Otocoris*) iv. 395, 401.
 — (*Phileremos*) iv. 395.
scriptus (*Elanus*) v. 666.
scutelliplantares (*Oscines*) iv. 273.
***seebohmi* (*Anthus*)** iii. **295**.
 vii. 469.
segetum (*Alauda*) iv. 307.
 — (*Anas*) vi. 363.
***segetum* (*Anser*)** vi. 359, **363**,
 367, 369, 373.
segetum, var. *serrirostris* (*Anser*).. vi. 363.
seleucis (*Turdus*) iv. 423.
selysii (*Emberiza*) iv. 223, 228.
semipalmata (*Heteropoda*) viii. 56.
semipalmatus (*Ægialites*) viii. 18.
 — (*Pseudoscolopax*) viii. 185.
 — (*Totanus*) viii. 125.
semirufa (*Cisticola*) iii. 7.
 — (*Ruticilla*) ii. 289, 290, 292.
 — (*Sylvia*) ii. 289.
semitorquata (*Melanocorypha*) iv. 365, 368.
senegalensis (*Alauda*) iv. 285.
 — (*Alauda cristata*) iv. 285.
 — (*Ardea*) vi. 251.
 — (*Charadrius*) vii. 539.
 — (*Columba*) vii. 55.

- senegalensis (Galerida) iv. 286.
 — (Halcyon) v. 131.
 — (Motacilla) ii. 255.
 — (Mycteria) vii. 535.
 — (Edicnemus) vii. 406, 407.
 — (Peristera) vii. 55.
 — (Pratincola) ii. 255.
 — (Rubetra) ii. 255.
 — (Scops) v. 329.
 — (Sterna) viii. 263.
senegalensis (Turtur) vii. 49,
 50, **55**, 57.
 senegalensis (Upupa) v. 179, 180.
 — armata (Pluvialis) vii. 539.
 senegallus (Falco) v. 513.
 — (Pterocles) vii. 59, 64.
 sepiaria (Alauda) iii. 285, 309.
 — (Curruca) iii. 39.
 sepiarius (Anthus) iii. 285.
 septemstriata (Fringillaria) iv. 214.
 septentrionalis (Ægialitis) vii. 497.
 — (Apternus) v. 69.
 — (Bubo) v. 339.
 — (Buteo) v. 449.
 — (Carduelis) iii. 527.
 — (Cephus) viii. 621.
 — (Certhia) iii. 195.
 — (Chelidon urbica) iii. 495.
 — (Chloris) iii. 567.
 — (Cinclus) ii. 177, 180.
septentrionalis (Colymbus) viii.
 616, 617, 618, **621**.
 septentrionalis (Corydalla) iii. 317.
 — (Curruca) ii. 383.
 — (Cynchramus) iv. 241.
 — (Dandalus) ii. 329.
 — (Emberiza) iv. 171.
 — (Eudytes) viii. 621.
 — (Fringilla) iv. 15.
 — (Glandarius) iv. 481.
 — (Linaria) iv. 37.
 — (Miliaria) iv. 163.
 — (Monedula) iv. 523.
 — (Motacilla) iii. 233.
 — (Phyllopneuste) ii. 491.
 — (Pica) iv. 509.
 — (Pyrgita) iii. 597.
 — (Regulus) ii. 453.
 — (Rubecula) ii. 329.
 — (Saxicola) ii. 255.
 — (Saxicola œnanthe) ii. 187.
 — (Sitta) iii. 169.
 — (Stagnicola) vii. 313.
 — (Sturnus) iv. 405.
 — (Telmatias) vii. 641.
 — (Vitiflora) ii. 187.
 — sylvestris (Anser) vi. 375.
 sericea (Calamoherpe) ii. 639.
 — (Cettia) ii. 639.
 — (Curruca) ii. 639.
 sericea (Philomela) ii. 639.
 — (Pica) iv. 509, 511.
 — (Salicaria) ii. 639.
 — (Sitta) iii. 169.
 — (Sylvia) ii. 639.
 sericeus (Rallus) vii. 257.
Serinus iii. 533, **547**.
 iv. 83.
 Serinus aurifrons ii. 350.
 iii. 552, 555, 556, 561.
Serinus canarius iii. 552, **557**.
 — **canonicus** iii. 555, 556.
 Serinus chloris iii. 567.
 — citrinella iii. 535.
 — flavescens iii. 549.
 — githagineus iv. 85.
Serinus hortulanus iii. 537,
 538, 547, **549**, 555, 557.
 v. 210.
 Serinus hortulorum iii. 549.
 — islandicus iii. 549.
 — luteolus iii. 549.
 — meridionalis iii. 549, 556.
 — orientalis iii. 549.
Serinus pusillus iii. 547, 556,
561, 563.
 Serinus spinus iii. 541.
 — syriacus iii. 556.
 serinus (Citrinella) iii. 535.
 — (Crithagra) iii. 549.
 — (Dryospiza) iii. 549.
 — (Fringilla) iii. 549.
 — (Loxia) iii. 549.
 — (Passer) iii. 549.
 — (Pyrrhula) iii. 549.
 — canarius (Passer) iii. 557.
 — italicus (Passer) iii. 535.
 serranus (Turdus) ii. 95.
 serrata (Haliplana) viii. 307.
 — (Merganser) vi. 693.
 — (Sterna) viii. 307.
 serrator (Merganser) vi. 693.
serrator (Mergus) vi. 401, 652,
 653, 687, 689,
693, 702.
 viii. 431.
 serratus (Mergus) vi. 693.
 setarius (Pterocles) vi. 56.
 vii. 67, 431.
 sexsetacea (Ardea) vi. 269.
 seyffertitzi (Turdus) ii. 71.
 sharpei (Gecinus) v. 93, 94, 97.
sharpii (Gecinus) v. **89**.
 sharpii (Turtur) vii. 49, 50.
 siberica (Tanagra) iv. 377.
 sibilans (Sylvia) ii. 497.
 Sibilatrix ii. 467, 497, 609.
 — locustella ii. 611.
 sibilatrix (Motacilla) ii. 497.
sibilatrix (Phylloscopus) ii. 474,
497, 499, 503, 506, 512, 513.
 v. 210, 211.
 sibilatrix (Sylvia) ii. 497.
 — (Sylvicola) ii. 497.
 sibilatrix (Asilus) ii. 497.
 — (Curnea) ii. 497.
 — (Phyllopneuste) ii. 497.
 sibilus (Cygnus) vi. 419.
 sibirica (Alauda) iv. 373.
 — (Calandrella) iv. 373.
 — (Emberiza) iv. 223.
 — (Limicola) viii. 1, 4, 6.
sibirica (Melanocorypha) iv. **373**.
 sibirica (Phileremos) iv. 373.
 — (Sitta) iii. 169.
 sibiricus (Ægiothus) iv. 52.
 — (Bubo) v. 339, 340, 344, 346.
 — (Calamophilus) iii. 50.
 — (Charadrius) vii. 507.
 — (Corvus) iv. 471.
 — (Cycloselys) ii. 87.
 — (Falco) vi. 83.
 — (Morinellus) vii. 507.
 — (Parus) iii. 110, 125, 126, 127, 128, 129.
 — (Pœcila) iii. 125.
 — (Poikilis) iii. 125.
sibiricus (Turdus) ii. **87**.
 sibiricus, forma major (Parus) iii. 123.
 —, forma typica (Parus) iii. 129.
 Sibrella iii. 58.
 sibylla (Pratincola) ii. 265, 266.
 silvestris (Passer) iii. 607.
 similis (Hydrochelidon) viii. 315.
 — (Sterna) viii. 315.
 simillima (Euspiza) iv. 151.
 simillimus (Turdus) ii. 95.
 Simorhynchus viii. 193.
 simplex (Corospiza) iii. 603.
 — (Fringilla) iii. 603.
 — (Hiaticula) vii. 491.
 — (Loxia) iii. 603.
simplex (Passer) iii. **603**.
 simplex (Pyrgita) iii. 603.
 sinaica (Caccabis) vii. 98.
 — (Perdix) vii. 97.
 — (Pyrrhula) iv. 73, 78, 85.
 sinaicus (Carpodacus) iv. 73.
 sinaitica (Chacura) vii. 97.
 — (Erythrospiza) iv. 73.
 — (Fringilla) iv. 73.
 sinaiticus (Bucanetes) iv. 73.
sinaiticus (Carpodacus) iv. **73**.
 sindiana (Alcedo) v. 113, 117.
 sinensis (Anthus) iii. 307, 328.
 — (Ardetta) vi. 260, 264.
 — (Corvus) iv. 532, 534.
 — (Corydalla) iii. 325.
 — (Garrulus) iv. 492.
 — (Graculus) vi. 151.

- sinensis (*Hydrocorax*) vi. 151.
 — (*Pelecanus*) vi. 151.
 — (*Phalacrocorax*) vi. 151.
 — (*Recurvirostra*) vii. 577.
 — (*Sterna*) viii. 282.
 — (*Turdus*) ii. 95.
 sinuata (*Saxicola*) ii. 191.
 sinuatus (*Corvus*) iv. 532.
 Siphia leucomelanura ii. 358, 475.
Sitta iii. 167, 205.
 Sitta aculeata iii. 177.
 — advena iii. 169.
 — affinis iii. 175.
 — asiatica iii. 169.
Sitta cæsia iii. 171, 172, 175,
 176, 177, 179, 184, 186, 187, 189.
 Sitta canadensis iii. 176, 177.
 — carolinensis iii. 176, 177.
 — cashmirensis iii. 176, 179.
 — castaneiventris iii. 176.
 — cinnamomeoventris iii. 176.
Sitta europæa iii. 167, 169,
 170, 171, 175, 176, 177, 179,
 181, 184, 186, 189.
 Sitta europæa typica iii. 179.
 — europæa uralensis iii. 179.
 — foliorum iii. 175.
 — himalayana iii. 179.
 — himalayensis iii. 176.
Sitta krueperi iii. 177, 185,
 189, 190.
 Sitta leucopsis iii. 176.
 — neglecta iii. 176.
Sitta neumayeri iii. 176, 183, 185.
 Sitta pinetorum iii. 175.
 — pusilla iii. 177.
 — pygmæa iii. 177.
 — roseilia v. 6.
 — rufescens iii. 183.
 — rupestris iii. 183.
 — rupicola iii. 176.
 — saxatilis iii. 183.
 — septentrionalis iii. 169.
 — sericea iii. 169.
 — sibirica iii. 169.
 — suecica iii. 169.
 — syriaca iii. 176, 183,
 vii. 15.
 — tephronota iii. 176.
 — uralensis iii. 169, 170.
 — villosa iii. 177.
 Sittidæ iii. 167.
 skua (*Buphagus*) viii. 457.
 — (*Cataracta*) viii. 457.
 — (*Catarractes*) viii. 457.
 — (*Catharacta*) viii. 457.
 — (*Lestris*) viii. 457.
 smaragdonotus (*Porphyrio*) vii. 301,
 302, 303.
 smaragdatus (*Porphyrio*) vii. 303.
 smaragnotus (*Porphyrio*) vii.
 303, 304, 306.
 smirillus (*Falco*) vi. 83.
 smithi (*Caprimulgus*) iv. 624.
 smithsonianus (*Larus*) viii. 400,
 401, 405.
 smyrnensis (*Alcedo*) v. 133.
 — (*Dacelo*) v. 133.
 — (*Entomobia*) v. 133.
 — (*Entomothera*) v. 133.
smyrnensis (Halcyon) v. 116,
 128, 131, 133, 134, 135, 150.
 smyrnensis (*Ispida*) v. 133.
 solitaria (*Phyllopeuste*) ii. 485.
 — (*Scolopax*) vii. 631.
 — (*Sylvia*) ii. 139.
 solitarius (*Corvus*) iv. 535.
 — (*Petrocossyphus*) ii. 141, 149,
 150, 151, 152, 157, 158, 159, 162.
 — (*Sturnus*) iv. 405.
 — (*Totanus*) viii. 125.
 — (*Turdus*) ii. 139, 150,
 iv. 405.
 sologniensis (*Strix*) v. 271.
 soloniensis (*Ardea*) vi. 259.
 — (*Strix*) v. 271.
Somateria iv. 548,
 vi. 627, 641, 654.
 Somateria altensteini vi. 643.
 — borealis vi. 629.
 — danica vi. 629.
 — dresseri vi. 642.
 — faeroensis vi. 629.
 — islandica vi. 629.
 — leisleri vi. 629.
 — megarhynchus vi. 643.
 — megauros vi. 629.
Somateria mollissima vi. 184,
 627, 629, 632, 642, 643,
 644, 647, 652.
 Somateria norwegica vi. 629.
 — planifrons vi. 629.
 — platyrus vi. 629.
 — st. cuthberti vi. 629.
Somateria spectabilis vi. 631,
 643.
 — **stelleri** vi. 627, 649.
 Somateria thulensis vi. 629.
 sordida (*Propasser*) iv. 75.
 sparrmanni (*Anas*) vi. 531.
 Sparverius v. 585.
 sparverius (*Tinnunculus*) vi. 592.
 sparveroides (*Cuculus*) v. 204.
 — (*Hierococyx*) v. 204.
 Sparvius v. 597.
 — nisus v. 599.
 — palumbarius v. 587.
 Spathulea vi. 495.
 — clypeata vi. 497.
Spatula vi. 495.
 — **clypeata** vi. 495, 497.
 spectabilis (*Anas*) vi. 643.
 — (*Fuligula*) vi. 643.
 — (*Platypus*) vi. 643.
spectabilis (Somateria) vi. 631,
 643.
 speculifera (*Muscicapa*) iii. 453.
 speculigera (*Muscicapa*) iii. 453.
 — (*Otomela*) iii. 416.
 speculigerus (*Lanius*) iii. 415.
 Spermolegus iii. 27, 35.
 spermologos (*Monedula*) iv. 523.
 — (*Monedula nigra*) iv. 523.
 spermologus (*Corvus*) iv. 523, 527.
 sphaeriuros (*Lestris*) viii. 463.
 Sphenæacus iii. 47, 60.
 Sphenura iii. 19.
 — squamiceps iii. 23.
 sphenurus (*Accipiter*) v. 633, 638.
 spilogaster (*Spizaëtus*) v. 579.
 spilonotus (*Circus*) v. 420.
 Spilura japonica vii. 642.
 Spina iv. 149, 229.
 spinicauda (*Hirundo*) iv. 613.
 — (*Lestris*) viii. 471.
 — (*Stercorarius*) viii. 471.
 spinicaudus (*Lestris*) viii. 471.
 spinitorques (*Lanius*) iii. 399.
 spinoletta (*Alauda*) iii. 335.
 — (*Alauda campestris*) iii. 335.
spinoletta (Anthus) iii. 302, 303,
 320, 331, 335, 337, 338,
 339, 343, 344, 347,
 v. 210.
 spinosus (*Charadrius*) vii. 539.
spinosus (Hoplopterus) vii. 522,
 529, 537, 539, 540.
 Spinus iii. 525, 533,
 iv. 29.
 — alnorum iii. 541.
 — betularum iii. 541.
 — carduelis iii. 527.
 — citrinella iii. 535.
 — citrinellus iii. 535.
 — linaria iv. 37.
 — medius iii. 541.
 — miliarius iv. 163.
 — obscurus iii. 541.
 — viridis iii. 541.
 spinus (*Acanthis*) iii. 541.
 — (*Carduelis*) iii. 541.
spinus (Chrysomitris) iii. 533,
 541.
 spinus (*Emberiza*) iii. 541.
 — (*Fringilla*) iii. 541.
 — (*Linaria*) iii. 541.
 — (*Serinus*) iii. 541.
 Spipola iii. 283.

- Spipola agrestis* iii. 309.
 — *obscura* iii. 343.
 — *pratensis* iii. 285, 309.
spipola (*Motacilla*) iii. 309.
spiza (*Passer*) iv. 3.
Spizaëtus orientalis v. 569.
Spizaëtus v. 479, 573.
 — *grandis* v. 575.
 — *milvodes* v. 481.
 — *spilogaster* v. 579.
Spizinae iv. 155.
splendens (*Corythus*) iv. 111.
 — (*Corythus enucleator*) iv. 111.
 — (*Strix*) v. 287.
 — (*Sturnus*) iv. 405.
***spodiogena* (*Fringilla*)** iv. 6,
 9, **13**.
spodiogenys (*Fringilla*) iv. 13.
Spodiospina iv. 149, 159.
squaiotta (*Ardea*) vi. 251.
squalida (*Saxicola*) ii. 199.
 — (*Tringa*) viii. 111.
squamatus (*Turdus*) ii. 77.
***squamiceps* (*Argya*)** iii. 19, 21,
 22, **23**.
squamiceps (*Crateropus*) iii. 23.
 — (*Malurus*) iii. 23.
 — (*Sphenura*) iii. 23.
Squatarola vii. **453**.
Squatarola cinerea vii. 455.
 — *grisea* vii. 455.
Squatarola helvetica vii. 449,
 453, **455**, 462, **465**.
 viii. 39.
Squatarola megarhynchus vii. 455.
 — *melanogaster* vii. 455.
 — *rhynchomega* vii. 455.
 — *squatarola* vii. 455.
 — *varia* vii. 455.
 — *wilsoni* vii. 455.
squatarola (*Charadrius*) vii. 455.
 — (*Pluvialis*) vii. 455.
 — (*Squatarola*) vii. 455.
 — (*Tringa*) vii. 455.
 — (*Vanellus*) vii. 455.
stabulorum (*Cecropis*) iii. 477.
stagnatilis (*Acrocephalus*) ii. 621.
 — (*Actitis*) viii. 127.
 — (*Anthus*) iii. 285.
 — (*Calamoherbe*) ii. 579.
 — (*Cynchramus*) iv. 241.
 — (*Philolimnos*) vii. 653.
 — (*Telmatias*) vii. 641.
***stagnatilis* (*Totanus*)** viii. **151**, 154.
Stagnicola vii. 311.
 — *chloropus* vii. 313.
 — *meridionalis* vii. 316.
 — *minor* vii. 313.
 — *parvifrons* vii. 313.
Stagnicola septentrionalis vii. 313.
stapazina (*Motacilla*) ii. 203.
 — (*Enanthe*) ii. 207.
***stapazina* (*Saxicola*)** ii. 190,
 193, **203**, 206, 207, 208, 211,
 215, 216, 248, 302.
 iii. 185.
 v. 210, 211.
stapazina (*Sylvia*) ii. 203, 207.
 — (*Vitiflora*) ii. 207.
Starna vii. 129.
 — *cinerea* vii. 131.
 — *perdix* vii. 131.
Steganopodes vi. 149.
Steganopus wilsoni vii. 595.
Stellaria dispar vi. 649.
stellaris (*Ardea*) vi. 281.
***stellaris* (*Botaurus*)** vi. 279,
281, 292, 293.
stellaris (*Butor*) vi. 281.
 — (*Gallinula*) vii. 275.
 — (*Nycticorax*) vi. 281.
 —, var. (*Ardea*) vi. 289.
 — *capensis* (*Ardea*) vi. 281.
stellatus (*Cephus*) viii. 621.
 — (*Colymbus*) viii. 621.
 — (*Merganser*) vi. 699.
stelleri (*Anas*) vi. 649, 652, 653.
 — (*Clangula*) vi. 649.
 — (*Enicometta*) vi. 649.
 — (*Harelda*) vi. 649.
 — (*Henicometta*) vi. 649.
 — (*Macropus*) vi. 649.
 — (*Polysticta*) vi. 649.
***stelleri* (*Somateria*)** vi. 627, **649**.
Stellaria vi. 627, 654.
stentorea (*Calamoherbe*) ii. 585.
 — (*Curruca*) ii. 585.
 — (*Salicaria*) ii. 585.
***stentoreus* (*Acrocephalus*)** ii.
 570, 582, **585**.
stenura (*Gallinago*) vii. 646.
 — (*Scolopax*) vii. 635.
Stercorariinae viii. 455.
Stercorarius viii. **455**, 471.
Stercorarius antarcticus viii. 458, 462.
 — *asiaticus* viii. 471.
 — *buffoni* viii. 481.
Stercorarius catarrhactes viii.
457, 460.
Stercorarius cephus viii. 481.
 — *cephus* viii. 471, 481.
Stercorarius crepidatus viii.
471, 482.
Stercorarius longicaudatus viii. 481.
 — *longicaudus* viii. 481.
Stercorarius parasiticus viii.
 455, 471, **481**.
Stercorarius pomarhinus viii. 463.
 — *pomarinus* viii. 457, 463.
Stercorarius pomatorhinus viii.
463, 466, 482.
Stercorarius richardsoni viii. 471, 474.
 — *spinicauda* viii. 471.
 — *striatus* viii. 463, 471.
 — *tephras* viii. 471.
stercorarius (*Vultur*) v. 391.
Sterna iv. 548.
 viii. **253**, 265, 313, 339.
Sterna aculeifluida viii. 301.
 — *affinis* viii. 285, 295.
 — *africana* viii. 301.
 — *anaetheta* viii. 312.
Sterna anglica viii. 275, 276,
295, 299, 300, 414.
Sterna antarctica viii. 279.
 — *antillarum* viii. 282.
 — *arabica* viii. 285.
 — *aranea* viii. 295.
 — *arctica* viii. 197, 255, 259, 271.
 — *argentacea* viii. 255.
 — *argentata* viii. 255.
 — *bengalensis* viii. 285.
 — *bergii* viii. 286.
 — *bicuspis* viii. 273.
 — *blasii* viii. 263.
 — *boysii* viii. 301.
 — *brachypus* viii. 255, 259.
 — *brachytarsa* viii. 255.
 — *canescens* viii. 301.
Sterna cantiaca viii. 275, 286,
 299, **301**.
 — *caspia* viii. **289**.
Sterna caspica viii. 289.
 — *cayana* viii. 268.
 — *chelidon* viii. 263.
 — *columbina* viii. 301.
 — *delamottei* viii. 315.
Sterna dougalli viii. 263, **273**.
Sterna douglasi viii. 273.
 — *fissipes* viii. 321, 327.
Sterna fluviatilis viii. 257, 258,
 259, 261, **263**, 265, 266, 268,
 270, 275, 414, 415, 478.
Sterna forsteri viii. 332.
 — *fosteri* viii. 268.
Sterna fuliginosa viii. **307**,
 309, 312.
Sterna gouldi viii. 307.
 — *gracilis* viii. 273, 276.
 — *grisea* viii. 315.
 — *guttata* viii. 307.
Sterna hirundo viii. 254, **255**,
 257, 261, 263, 268, 270,
 338, 378, 379, 478.
Sterna hybrida viii. 315.

- Sterna infuscata* viii. 307.
 — *innotata* viii. 315.
 — *javanica* viii. 315.
 — *leucopareia* viii. 315.
 — *leucoptera* viii. 315, 321.
 — *luctuosa* viii. 307.
 — *macdougalli* viii. 273.
 — *macroductyla* viii. 265.
 — *macroptera* viii. 263, 264, 265,
 267, 272.
 — *macrotarsa* viii. 295.
 — *macrura* viii. 255, 256, 265, 352.
 — *major* viii. 289.
 — *marina* viii. 255, 263.
***Sterna media* viii. 285.**
Sterna megarhynchos viii. 289.
 — *melanotis* viii. 289.
 — *metopoleucos* viii. 279.
 — *minor* viii. 279.
***Sterna minuta* viii. 268, 279,**
 282, 283, 392, 414.
Sterna naevia viii. 327.
 — *nigra* viii. 268, 319, 327.
 — *nitzschii* viii. 255.
 — *obscura* viii. 327.
 — *paradisea* viii. 255, 273.
 — *plumbea* viii. 327.
 — *pomarina* viii. 263.
 — *risoria* viii. 295.
 — *sandvicensis* viii. 301.
 — *senegalensis* viii. 263.
 — *serrata* viii. 307.
 — *similis* viii. 315.
 — *sinensis* viii. 282.
 — *stolida* viii. 309.
 — *stubberica* viii. 301.
 — *superciliaris* viii. 282.
 — *surinamensis* viii. 327.
 — *tenuirostris* viii. 273.
 — *tschegrava* viii. 289.
 — *velox* viii. 285, 292.
 — *wilsoni* viii. 263, 268.
 — *wilsonii* viii. 268.
Sterninae viii. 253.
Sternula viii. 253.
 — *danica* viii. 279.
 — *fissipes* viii. 279.
 — *korustes* viii. 273.
 — *minuta* viii. 279.
 — *pomarina* viii. 279.
Sterparola ii. 375.
 — *conspicillata* ii. 393.
 — *subalpina* ii. 389.
stewarti (*Emberiza*) iv. 200, 208.
stictonotus (*Scops*) v. 334.
stoliczkae (*Cettia*) ii. 639, 641.
 — (*Turtur*) vii. 51, 52.
stolida (*Eudromias*) vii. 507.
 — (*Sterna*) viii. 309.
Stoparola conspicillata ii. 393.
Stoparola deserti ii. 397.
stracheyi (*Emberiza*) iv. 207, 210.
strapazina (*Motacilla*) ii. 199.
 — (*Saxicola*) ii. 199.
strenuus (*Nisaetus*) v. 575.
 — (*Sylochelidon*) viii. 289.
strepera (*Anas*) vi. 487, 489, 518.
 — (*Calamodyta*) ii. 567.
 — (*Chaulelasmus*) vi. 487.
 — (*Chaulodus*) vi. 487.
 — (*Ktinorhynchus*) vi. 487.
 — (*Querquedula*) vi. 487.
 — (*Sylvia*) ii. 567.
***streperus* (*Acrocephalus*) ii. 567,**
 569, 570, 573,
 574, 576, 577.
 v. 210.
 — (*Chaulelasmus*) vi. 485,
487.
strepitans (*Locustella*) ii. 621.
 — (*Luscinopsis fluviatilis*) ii. 621.
***Strepsilas* vii. 553.**
Strepsilas borealis vii. 555.
 — *collaris* vii. 555.
 — *borealis* vii. 555.
 — *littoralis* vii. 555.
 — *minor* vii. 555.
 — *pusilla* vii. 555.
 — *vulgaris* vii. 555.
***Strepsilas interpres* vii. 477,**
 553, 555.
 viii. 478.
Strepsilas littoralis vii. 555.
 — *melanocephalus* vii. 553, 563.
 — *minor* vii. 555.
Streptopelia vii. 37.
 — *risoria* vii. 51.
streptophora (*Muscicapa*) iii. 459.
streubeli (*Cypselus*) iv. 591.
striata (*Corydalla*) iii. 317.
 — (*Margaroperdix*) vi. 107.
 — (*Sylvia*) ii. 591.
 — (*Torquilla*) v. 103.
***striata* (*Tringa*) viii. 69, 157,**
striata (*Uria minor*) viii. 581.
striatus (*Colymbus*) viii. 621.
 — (*Lestris*) viii. 463.
 — (*Phileremos*) iv. 387.
 — (*Stercorarius*) viii. 463, 471.
 — (*Totanus*) viii. 157.
 — (*Tringa totanus*) viii. 157.
stridens (*Corvus*) iv. 491.
 — (*Garrulus*) iv. 495, 496.
Stridula flammea v. 237.
stridula (*Strix*) v. 271.
 — (*Ulula*) v. 271.
stridulum (*Syrnium*) v. 271.
stridulus (*Aluco*) v. 271.
Striges v. 235.
Strigiceps v. 413.
Strigiceps cineraceus v. 423.
 — *cinerascens* v. 423.
 — *cinereus* v. 431.
 — *cyaneus* v. 431.
 — *desertorum* v. 441.
 — *elegans* v. 423.
 — *nigripennis* v. 431.
 — *pallens* v. 431.
 — *pallidus* v. 441.
 — *pratorum* v. 423.
 — *pygargus* v. 431.
 — *swainsoni* v. 441.
strigiceps (*Falco*) v. 431.
Strigidæ v. 235, 293, 350.
***striolata* (*Emberiza*) iv. 87,**
197, 198, 199, 202.
striolata (*Fringilla*) iv. 197.
 — (*Fringillaria*) iv. 197, 209.
 — (*Polymitra*) iv. 197.
striolatus (*Picus*) v. 53.
***Strix* v. 235, 249, 269, 271,**
 285, 299, 317, 327, 337,
 347, 355.
Strix acadica v. 349.
 — *adspersa* v. 237.
 — *affinis* v. 238.
 — *africana* v. 237.
 — *alba* v. 237.
 — *albifrons* v. 319.
 — *aluco* v. 237, 271, 350.
 — *americana* v. 237.
 — *arctica* v. 257, 287.
 — *austriaca* v. 271.
 — *bakkamana* v. 237.
 — *barbata* v. 281.
 — *brachyotus* v. 257.
 — *brachyura* v. 257.
 — *bubo* v. 287, 339.
 — *bubo*, var. *albus* v. 287.
 — —, var. *atheniensis* v. 339.
 — *canadensis* v. 309.
 — *candida* v. 287.
 — *caparoch* v. 309.
 — *capensis* v. 265.
 — *capite aurito* v. 287.
 — *carniolica* v. 329.
 — *caspia* v. 257.
 — *cinerea* v. 295.
 — *corpore albido* v. 287.
 — *dasyopus* v. 319.
 — *delicatula* v. 239, 240.
 — *delicatulus* v. 237.
 — *erminea* v. 287.
***Strix flammea* v. 235, 237,**
 239, 240, 244, 487.
 vi. 11.
Strix flammea adspersa v. 237.
 — — *americana* v. 237.
 — —, var. *delicatula* v. 238.
 — —, var. *furcata* v. 238.

Strix flammea, var. *guatemalæ* . . . v. 238.
 ——— *guttata* . . . v. 237.
 ———, var. *javanica* . . . v. 238.
 ——— *obscura* . . . v. 237.
 ———, var. *perlata* . . . v. 238.
 ———, var. *pratincola* . . . v. 238.
 ——— *vulgaris* . . . v. 237.
 — *forsteri* . . . v. 237.
 — *freti hudsonis* . . . v. 309.
 — *frontalis* . . . v. 319, 323.
 — *fuliginosa* . . . v. 284.
 — *funerea* . . . v. 301, 309, 312.
 — *furcata* . . . v. 237, 240, 292.
 — *giu* . . . v. 329.
 — *glaurops* . . . v. 237, 240.
 — *guatemalæ* . . . v. 240.
 — *guttata* . . . v. 237.
 — *hudsonia* . . . v. 309.
 — *hudsonica* . . . v. 312.
 — *indica* . . . v. 238.
 — *insularis* . . . v. 238, 240.
 — *javanica* . . . v. 237, 240.
 — *kirchhoffii* . . . v. 237.
 — *laponica* . . . v. 281.
 — *lapponica* . . . v. 281, 283.
 — *litturata* . . . v. 277.
 — *liturata* . . . v. 277.
 — *lulu* . . . v. 237.
 — *macrocephala* . . . v. 277.
 — *macroura* . . . v. 277.
 — *maculata* . . . v. 237.
 — *margaritata* . . . v. 237.
 — *microphthalmos* . . . v. 281, 284.
 — *nilotica* . . . v. 367.
 — *nisoria* . . . v. 301, 351.
 — *nivea* . . . v. 287.
 — *noctua* . . . v. 357, 367.
 ——— *major* . . . v. 257.
 ——— *meridionalis* . . . v. 367.
 — *novæ-hollandiæ* . . . v. 240.
 — *nudipes* . . . v. 357.
 — *numida* . . . v. 367.
 — *nyctea* . . . v. 287, 351.
 — *otus* . . . v. 251.
 — *palustris* . . . v. 257.
 — *paradoxa* . . . v. 237.
 — *passerina* . . . v. 349, 353, 367.
 — *perlata* . . . v. 237, 240.
 — *persica* . . . v. 367.
 — *pharaonis* . . . v. 367.
 — *poensis* . . . v. 237.
 — *pratincola* . . . v. 237, 239, 240.
 — *psilodactyla* . . . v. 357.
 — *pulchella* . . . v. 329.
 — *punctatissima* . . . v. 237, 240.
 — *pusilla* . . . v. 237, 349.
 — *pygmæa* . . . v. 349, 352.
 — *rosenbergi* . . . v. 240.
 — *rosenbergii* . . . v. 238.
 — *rufa* . . . v. 271.

Strix rufescens . . . v. 279.
 — *sandwichensis* . . . v. 257.
 — *scandiaca* . . . v. 287.
 — *schumavensis* . . . v. 278.
 — *scops* . . . v. 329, 331, 353.
 — *sologniensis* . . . v. 271.
 — *soloniensis* . . . v. 271.
 — *splendens* . . . v. 237.
 — *stridula* . . . v. 271.
 — *sylvatica* . . . v. 271.
 — *sylvestris* . . . v. 271.
 — *tengmalmi* . . . v. 312, 319, 351.
 — *tripennis* . . . v. 257.
 — *turcomana* . . . v. 339.
 — *ulula* . . . v. 271, 301, 312.
 — *uralensis* . . . v. 277, 301, 307.
 — *wapacuthu* . . . v. 287.
 — *zorca* . . . v. 329.
Strobilophaga . . . iv. 67, 109, 111.
 — *caucasica* . . . iv. 69.
 — *enucleator* . . . iv. 111.
strophiatus (Archibuteo) . . . v. 476.
Struthus . . . iv. 1.
 — *celebs* . . . iv. 3.
 — *montifringilla* . . . iv. 15.
Stryx . . . v. 299, 327.
 — *accipitrina* . . . v. 257.
 — *ægolius* . . . v. 257.
 — *barbata* . . . v. 281.
 — *doliata* . . . v. 301.
 — *pulchella* . . . v. 329.
stubberica (Sterna) . . . viii. 301.
stulta (Fringilla) . . . iii. 607.
***stulta* (Petronia)** . . . iii. 605, **607**,
 612, 613.
stultus (Passer) . . . iii. 607.
Sturnidæ . . . iii. 373.
Sturnopastor contra . . . iv. 428.
Sturnus . . . ii. 165.
 . . . iii. 27, 363.
 . . . iv. **403**, 421.
Sturnus asiaticus . . . iv. 423.
 — *cinclus* . . . ii. 167, 177.
 — *collaris* . . . iii. 29.
 — *domesticus* . . . iv. 405.
 — *europæus* . . . iv. 405.
 — *faroensis* . . . iv. 405.
 — *guttatus* . . . iv. 405.
 — *hollandiæ* . . . iv. 405.
 — *indicus* . . . iv. 405.
 — *longirostris* . . . iv. 405.
 — *moritanus* . . . iii. 29.
 — *nitens* . . . iv. 405, 409, 410, 413,
 415, 417.
 — *poltaratskyi* . . . iv. 419, 420.
Sturnus purpurascens . . . iv. 409,
 410, 413, **419**, 420.
Sturnus roseus . . . iv. 423.
 — *septentrionalis* . . . iv. 405.

Sturnus solitarius . . . iv. 405.
 — *splendens* . . . iv. 405.
 — *sylvestris* . . . iv. 405.
 — *tenuirostris* . . . iv. 405.
Sturnus unicolor . . . iv. 408, 409,
415, 416, 419.
Sturnus varius . . . iv. 405.
Sturnus vulgaris . . . iv. 403, **405**,
 410, 413, 415, 416,
 417, 419, 420.
 . . . vi. 11.
Sturnus vulgaris unicolor . . . iv. 415.
subalpina (Curruca) . . . ii. 389.
 — (Sterparola) . . . ii. 389.
***subalpina* (Sylvia)** . . . ii. 375, **389**,
 391.
subalpinus (Accentor) . . . iii. 29.
 — (Tetrao) . . . vii. 214.
subarcuata (Tringa) . . . viii. 59.
subarquata (Corydalla) . . . iii. 317.
 — (Numenius) . . . viii. 59.
 — (Pelidna) . . . viii. 59.
 — (Scolopax) . . . viii. 59.
***subarquata* (Tringa)** . . . viii. 21, 25,
59, 66.
subarquatus (Ancylochilus) . . . viii. 59.
 — (Anthus) . . . iii. 317.
 — (Schoeniclus) . . . viii. 59.
subboschas (Anas) . . . vi. 469.
subbuteo Falco . . . vi. 11, **69**, 72,
 73, 74, 81, 97, 110.
subbuteo major (Falco) . . . vi. 81.
 — (Hypotriorchis) . . . vi. 69.
subcalandra (Melanocorypha) . . . iv. 365,
 367.
subcormoranus (Carbo) . . . vi. 151.
 — (Phalacrocorax) . . . vi. 151.
subcornix (Corvus) . . . iv. 543.
subcorone (Corvus) . . . iv. 531.
 — (Corvus corone) . . . iv. 531.
subcrecca (Querquedula) . . . vi. 507.
subcristatus (Colymbus) . . . viii. 639.
 — (Podiceps) . . . viii. 639.
subfurcatus (Cypselus) . . . iv. 591, 592,
 593.
subhemachalana (Pinicola) . . . iv. 115.
subhemalayana (Tichodroma) . . . iii. 207.
subhimalayana (Prinia) . . . iii. 3.
subispida (Alcedo) . . . v. 113.
sublagopus (Falco) . . . v. 471.
subleucoptera (Hydrochelidon) . . . viii. 321.
subleucopterus (Laroides) . . . viii. 439.
subnævia (Aquila) . . . v. 491.
subphragmitis (Caricicola) . . . ii. 597.
subpilaris (Turdus) . . . ii. 41.
subpityopsittacus (Crucirostra) . . . iv. 121.
subroseus (Larus) . . . viii. 389.
subruficollis (Tringa) . . . viii. 111.
subrufinus (Callichen) . . . vi. 559.

- subsignata (*Locustella*) ii. 617.
 substriata (*Aquila*) v. 513.
 subterranea (*Anas*) vi. 565.
 subtypicus (*Accipiter*) v. 615.
 suckleyi (*Larus*) viii. 385.
 suecica (*Curruca*) ii. 317.
suecica (*Cyanecula*) ii. 311,
 312, 313, 314, 315, **317**, 318,
 319, 320, 322, 323, 356, 511.
 v. 210.
 vii. 633.
 suecica (*Erythacus*) ii. 317.
 — (*Ficedula*) ii. 317.
 — (*Lusciola*) ii. 311, 317.
 — (*Motacilla*) ii. 317.
 — (*Phoenicura*) ii. 317.
 — (*Saxicola*) ii. 311, 317.
 — (*Sitta*) iii. 169.
 — (*Sylvia*) ii. 317.
 suecioides (*Calliope*) ii. 317.
 — (*Cyanecula*) ii. 317.
Sula vi. **179**, 182, 187.
 Sula alba vi. 181.
 — americana vi. 181.
Sula bassana vi. 179, **181**, 187.
 Sula capensis vi. 184.
 — lefevri vi. 181.
 — major vi. 181.
 — melanura vi. 184.
 sulphurea (*Motacilla*) .. iii. 251, 252, 278.
 — (*Pallanura*) iii. 251.
 sumatrana (*Scolopax*) viii. 195.
 superaliaris (*Circus*) v. 441.
 superciliaris (*Budytes*) iii. 261.
 — (*Curruca*) ii. 383.
 — (*Edicnemus*) vii. 407.
 — (*Sterna*) viii. 282.
 superciliosa (*Motacilla*) ii. 469, 470.
 — (*Phyllobasileus*) ii. 470.
 — (*Phyllopneuste*) ii. 470.
 — (*Reguloides*) ii. 470.
 — (*Sylvia*) ii. 469, 470.
 superciliosus (*Merops*) v. 165, 168.
 — (*Phyllobasileus*) ii. 469.
 — (*Phyllopneuste*) ii. 470.
superciliosus (*Phylloscopus*) .. ii.
 467, **469**, 470, 472, 473,
 483, 508, 514.
 superciliosus (*Reguloides*) ii. 470,
 473, 474, 475.
 suratensis (*Columba*) vii. 55.
 surinamensis (*Hydrochelidon*) viii. 327.
 — (*Pelodes*) viii. 327.
 — (*Regulus*) ii. 466.
 — (*Sterna*) viii. 327.
Surnia . v. 269, 285, **299**, 347, 355.
 Surnia borealis v. 309.
 — canadensis v. 309.
Surnia funerea v. **309**.
 Surnia lapponica v. 281.
 — noctua v. 357.
 — nyctea v. 287.
 — passerina v. 349.
Surnia ulula v. 299, **301**, 309, 311.
 Surnia uralensis v. 277.
 Suthora iii. 47.
 Sua iii. 11.
 — gracilis iii. 13.
 — lepidia iii. 13.
 svarbag (*Lomvia*) viii. 575.
 — (*Uria*) viii. 575, 578.
swainsoni (*Circus*) .. v. 428, **441**,
 442, 445.
 swainsoni (*Strigiceps*) v. 441.
 — (*Turdus*) ii. 1.
 swainsonii (*Circus*) v. 441.
 sybilatrix (*Ficedula*) ii. 497.
 syenitica (*Saxicola*) ii. 243.
 sykesii (*Circus*) v. 415.
 Sylbeocycclus viii. 627.
 — europæus viii. 659.
 — minor viii. 659.
 — tricolor viii. 659.
 Sylochelidon viii. 253.
 — bathica viii. 289.
 — caspia viii. 289.
 — melanotis viii. 289.
 — schillingii viii. 289.
 — strenuus viii. 289.
 sylvana (*Heterura*) v. 210.
 sylvatica (*Strix*) v. 271.
sylvatica (*Turnix*) . vii. 247, **249**.
 sylvaticus (*Tetrao*) vii. 249.
 — (*Turnix*) vii. 249.
 sylvestris (*Anser*) vi. 355, 363.
 — (*Anser septentrionalis*) vi. 375.
 — (*Bonasa*) vii. 193.
 — (*Bonasia*) vii. 193.
 — (*Corvus*) iv. 567.
 — (*Emberiza*) iv. 171.
 — (*Ficedula curruca*) ii. 597.
 — (*Motacilla*) iii. 233.
 — (*Otus*) v. 251.
 — (*Perdix*) vii. 131.
 — (*Phyllopneuste*) ii. 485.
 — (*Rusticola*) vii. 615.
 — (*Ruticilla*) ii. 277.
 — (*Scolopax*) vii. 615.
 — (*Strix*) v. 271.
 — (*Sturnus*) iv. 405.
 — (*Sylvia*) ii. 485.
 — (*Totanus*) viii. 143.
 — (*Troglodytes*) iii. 219.
Sylvia ii. 1, 127, 185, 253, 275, 309,
 327, 361, **375**, 439, 451, 467,
 515, 545, 557, 603, 609, 637.
 iii. 1, 11, 27, 217, 283, 445, 604.
 iv. 238.
 Sylvia abietina ii. 485.
 — ædonia ii. 429.
 — affinis ii. 377, 383, 386, 567.
 — agricola ii. 559.
 — albicans ii. 503.
 — albicollis ii. 203.
 — angusticauda ii. 491.
 — aquatica ii. 591.
 — arundinacea ii. 561, 562, 567.
Sylvia atricapilla ii. 375, 414,
 415, **421**, 424, 514.
 v. 210.
 Sylvia atrogularis ii. 83.
 — bifasciata ii. 469.
 — bonelli ii. 503.
 — bonellii ii. 605.
 — bowmani ii. 401, 402, 407, 409.
 — brevirostris ii. 485.
 — cæruliginula ii. 317.
 — cairii ii. 299.
 — caligata ii. 541.
 — campylonyx ii. 293.
 — capistrata ii. 417.
 — cariceti ii. 591.
 — certhiola ii. 633.
 — cetti ii. 639.
 — cettii ii. 628.
 — cineraria ii. 377.
 — cinerea ii. 377, 408,
 iii. 214.
 iv. 79.
 — cisticola iii. 3.
 — collybita ii. 485.
Sylvia conspicillata ii. 390,
393, 394, 397, 398, 403.
 Sylvia coronata ii. 507.
 — crassirostris ii. 411, 414.
Sylvia curruca ii. **383**, 511.
 v. 210.
 Sylvia curruca ii. 383.
 — cyanea ii. 317.
 — cyanecula ii. 311, 317.
 — cyanura ii. 355.
 — dartfordiensis ii. 441.
Sylvia deserticola .. ii. **397**, 398.
 Sylvia dumetorum ii. 383.
 — elaica ii. 537.
 — erythrogastra ii. 305.
 — eversmanni ii. 509.
 — familiaris ii. 553.
 — ferruginea ii. 441.
 — ficedula iii. 453.
 — fitis ii. 491.
 — flavescens ii. 509.
 — flaviventris ii. 491.
 — fluviatilis ii. 621.
 — fruticeti ii. 377.
 — galactodes ii. 349, 351, 547,
 iii. 420.

- Sylvia garrula* ii. 383, 449.
 — *gracilis* iii. 13.
 — *grisea* ii. 411.
 — *hippolais* ii. 485, 521, 522, 524.
 iii. 410.
 — *hortensis* ii. 375, 429.
 — *hypolais* ii. 523.
 — *icterina* ii. 491, 521.
 — *icterops* ii. 393.
 — *ignicapilla* ii. 459.
 — *iliaca* ii. 35.
 — *jerdoni* ii. 411, 414.
 — *lanceolata* ii. 617.
 — *leucomela* ii. 231.
 — *leucopogon* ii. 389.
 — *locustella* ii. 611.
 — *loquax* ii. 485.
 — *lusciniæ* ii. 363.
 — *luscinioides* ii. 627, 629.
 — *maculata* iii. 317.
 — *magnirostris* ii. 561.
 — *massiliensis* iii. 317.
 — *maura* ii. 263.
 — *melandrios* ii. 417.
Sylvia melanocephala ii. 375,
 395, 399, 400, **401**, 402, 407,
 408, 409, 413, 424, 426, 449.
Sylvia melanocephala minor ii. 401,
 407, 408.
 — *melanopogon* ii. 605.
Sylvia melanothorax ii. **399**, 402.
Sylvia melodia ii. 491.
 — *merula* ii. 91.
 — *mesoleuca* ii. 235.
 — *minima* ii. 386.
 — *minuta* ii. 383.
 — *modularis* iii. 39.
Sylvia momus ii. **407**, 408.
Sylvia montana ii. 561.
 — *montanella* iii. 35.
 — *muscipeta* ii. 263.
 — *musica* ii. 19.
 — *mystacea* ii. 391, 407, 408.
 — *nana* ii. 397.
 — *nattereri* ii. 503.
 — *nigricapilla* ii. 407.
Sylvia nisoria ii. 375,
 435, 528, 623.
 v. 210.
Sylvia obscura ii. 521, 524.
 — *ochrogenion* ii. 401.
 — *œnanthe* ii. 187.
 — *olivetorum* ii. 527,
 iii. 420.
Sylvia orpheæ ii. 348, 375,
 411, 528.
 v. 202, 210.
Sylvia paludicola ii. 591.
 — *palustris* ii. 573.
 — *passerina* .. ii. 348, 349, 387, 389, 403.
Sylvia philomela ii. 369.
 — *phœnicurus* ii. 277,
 iii. 127.
 — *phragmitis* ii. 597.
 — *pilaris* ii. 41.
 — *polyglotta* ii. 517, 522.
 — *prasinopyga* ii. 503.
 — *preglii* ii. 537.
 — *proregulus* ii. 469.
 — *provincialis* ii. 441.
 — *rama* ii. 541.
 — *regulus* ii. 453.
 — *rubecula* ii. 329,
 iv. 227.
 — *rubescens* ii. 407.
 — *rubetra* ii. 255.
 — *rubicola* ii. 263.
 — *rubiginosa* ii. 547.
Sylvia rueppelli ii. **417**, 418.
 — *rufa* ii. 375, **377**, 485,
 v. 210.
Sylvia rufescens ii. 203.
 — *rupelli* ii. 417.
 — *rùppelli* ii. 348.
 — *ruscicola* ii. 401.
Sylvia salicaria ii. 375,
 429, 591.
 v. 210.
Sylvia sarda ii. 447.
 — *saxatilis* ii. 129.
 — *schoenobaenus* ii. 591.
 — *schoenobanus* ii. 597.
 — *scita* ii. 541.
 — *semirufa* ii. 289.
 — *sericea* ii. 639.
 — *sibilans* ii. 497.
 — *sibilatrix* ii. 497.
 — *solitaria* ii. 139.
 — *stapazina* ii. 203, 207.
 — *strepera* ii. 567.
 — *striata* ii. 591.
Sylvia subalpina ii. 375,
 389, 391.
Sylvia suecica ii. 317.
 — *superciliosa* ii. 469, 470.
 — *sylvestris* ii. 485.
 — *sylvicola* ii. 497.
 — *sylviella* ii. 383.
 — *tamaricis* ii. 491.
 — *tatrix* iii. 13.
 — *tites* ii. 293.
 — *tithys* ii. 293.
 — *torquata* ii. 113.
 — *trochilus* ii. 477, 491,
 iii. 127.
 — *troglydtes* iii. 219, 229.
 — *tschecantschia* ii. 263.
 — *turdoides* ii. 579.
 — *undata* ii. 441.
 — *viscivora* ii. 3.
Sylvia wolfii ii. 311.
sylvia (Curruca) ii. 377.
 — (*Motacilla*) ii. 377, 383.
Sylviæ iii. 44.
Sylvicola ii. 467.
 — *rufa* ii. 485.
 — *sibilatrix* ii. 497.
 — *trochilus* ii. 491.
sylvicola (Phyllopneuste) ii. 497.
 — (*Sylvia*) ii. 497.
sylvicultrix (Phylloscopus) ii. 509.
sylviella (Curruca) ii. 383.
 — (*Sylvia*) ii. 383.
Sylviidæ ii. 165, 510.
Sylviinæ ii. 309.
synaica (Perdix) vii. 97.
syngenicus (Numenius) viii. 237, 241.
synoica (Caccabis) vii. 97.
 — (*Carpodacus*) iv. 73.
 — (*Pyrrhula*) iv. 73.
syriaca (Campethera) v. 35.
 — (*Fringilla*) iii. 556.
 — (*Sitta*) iii. 176, 183,
 vii. 15.
syriacus (Dendrocoptes) v. 35.
syriacus (Picus) v. 22, **35**,
 36, 37.
syriacus (Serinus) iii. 556.
syrmatophora (Egretta) vi. 231.
syrmatophorus (Herodias) vi. 231, 235.
Syrnia funerea v. 309.
 — *nyctea* v. 287.
 — *psilodactyla* v. 357.
Syrnium v. **269**, 285, 317.
Syrnium ædium v. 271.
Syrnium aluco v. 269, **271**,
 272, 273, 280.
Syrnium cinereum v. 281, 284.
 — *cinereum, var. lapponicum* v. 281.
 — *fuscescens* v. 278.
Syrnium lapponicum v. **281**.
Syrnium macrocephalum v. 277.
 — *microphthalmum* v. 281.
 — *nyctea* v. 287.
 — *rufescens* v. 271.
 — *stridulum* v. 271.
 — *tengmalmi* v. 319.
 — *ulans* v. 271.
Syrnium uralense v. **277**.
Syrrhaptés vii. **73**, **75**,
 80, 82.
Syrrhaptés heteroclitæ vii. 75.
 — *pallasii* vii. 75.
Syrrhaptés paradoxus vii. **73**,
 75, 81.
tachardus (Buteo) v. 457.
 vi. 3.
 — (*Falco*) vi. 3.
 — (*Pernis*) vi. 3.

- Tachybaptus** viii. 627, 659.
 — *capensis* viii. 659.
 — *gularis* viii. 659.
 — *minor* viii. 659.
 — *philippensis* viii. 659.
Tachydromus vii. 423, 425.
 — *europæus* vii. 425.
 — *gallicus* vii. 425.
 tachydromus (*Hemipodius*) vii. 249.
Tadorna vi. 407, **449**.
Tadorna bellonii vi. 451.
 — *belonii* vi. 451.
Tadorna casarca vi. **461**.
 — *cornuta* vi. 449, **451**.
Tadorna familiaris vi. 451.
 — *gibbera* vi. 451.
 — *littoralis* vi. 451.
 — *maritima* vi. 451.
 — *nivea* vi. 413.
 — *rutila* vi. 461.
 — *schachraman* vi. 451.
 — *vulpanser* vi. 451.
 tadorna (*Anas*) vi. 451.
 — (*Vulpanser*) vi. 451.
 tænioptera (*Crucirostra*) iv. 141.
 — (*Loxia*) iv. 141.
 tæniurus (*Glandarius*) iv. 481.
 tahapisi (*Fringillaria*) iv. 214.
 tahitiensis (*Numenius*) viii. 245.
 taitensis (*Charadrius*) vii. 443.
 — (*Pluvialis*) vii. 443.
 taiwanus (*Budytes*) iii. 280.
 — (*Garrulus*) iv. 492.
 talas (*Saxicola*) ii. 211, 235.
 tamaricis (*Sylvia*) ii. 491.
Tanagra iv. 149.
 — *melanictera* iv. 151.
 — *siberica* iv. 377.
Tantalides vi. 333.
 — *falcinellus* vi. 335.
Tantalus vi. 205, 333.
 — *castaneus* vi. 335.
 — *falcinellus* vi. 335.
 — *ibis* vi. 245, 250.
 — *igneus* vi. 335.
 — *mexicanus* vi. 335, 339.
 — *niger* vi. 335.
 — *viridis* vi. 335.
 tanypterus (*Falco*) vi. 51, 54.
tarda (*Otis*) vi. 312.
 vii. 367, **369**, 376, 380.
 tartarica (*Alauda*) iv. 378, 379.
 — (*Melanocorypha*) iv. 377.
 — (*Saxilauda*) iv. 377.
 tartaricus (*Charadrius*) vii. 507.
 — (*Heteroclitus*) vii. 75.
 tatarica (*Alauda*) iv. 377, 378.
 tauricus (*Tetraogallus*) vii. 241, 242.
 tayazaquira (*Ardea*) vi. 269.
 tectorum (*Chelidon*) iii. 495.
 tectorum (*Chelidon urbica*) iii. 495.
Telephonus iii. **421**, 424.
 Telephonus *anchietæ* iii. 424.
 — *cucullatus* iii. 425.
Telephonus erythropterus iii. 421,
 **423**.
 Telephonus *longirostris* iii. 424.
 — *minutus* iii. 424.
 — *remigialis* iii. 424.
 — *tschagra* iii. 423, 425.
 telephonus (*Cuculus*) v. 199.
 Telmatias v. 629.
 — *brachyptera* vii. 631.
 — *brachypus* vii. 641.
 — *brehmii* vii. 641.
 — *faeroeensis* vii. 641.
 — *gallinago* vii. 631, 641.
 — *gallinula* vii. 653.
 — *lacustris* vii. 641.
 — *major* vii. 631.
 — *nisoria* vii. 631.
 — *peregrina* vii. 641.
 — *petenyi* vii. 641.
 — *robusta* vii. 641.
 — *sabinei* vii. 642.
 — *salicaria* vii. 641.
 — *septentrionalis* vii. 641.
 — *stagnatilis* vii. 641.
 — *uliginosa* vii. 631.
 Telophorus iii. 421.
 — *cucullatus* iii. 423.
 temmincki (*Accentor*) iii. 35, 36, 37.
temmincki (*Tringa*) viii. 29,
 32, 33, **45**.
 temminckii (*Anser*) vi. 383.
 — (*Leimoneites*) viii. 45.
 — (*Pelidna*) viii. 45.
 — (*Tringa*) viii. 32, 35, 36, 45, 197.
 temporalis (*Locustella*) ii. 633.
 tenera (*Peristera*) vii. 39.
teneriffæ (*Parus*) iii. 132, 133,
 **139**, 140.
 tengmalmi (*Ægolius*) v. 319.
 — (*Athene*) v. 319.
 — (*Noctua*) v. 319.
tengmalmi (*Nyctala*) v. 317, **319**.
 tengmalmi (*Nyctale*) v. 319.
 — (*Strix*) v. 312, 319, 351.
 — (*Syrnium*) v. 319.
 tenuirostris (*Alauda*) iv. 307.
 — (*Anthus*) iii. 285.
 — (*Calamoherpe*) ii. 611.
 — (*Corvus*) iv. 534, 543.
 — (*Cuculus*) ii. 161.
 — (*Galerita cristata*) iv. 286.
 — (*Larus*) viii. 389.
 — (*Locustella vera*) ii. 611.
tenuirostris (*Numenius*) viii. 231,
 **237**, 238, 239, 240,
 241, 245, 247.
 tenuirostris (*Platalea*) vi. 228, 323, 324.
 — (*Sterna*) viii. 273.
 — (*Sturnus*) iv. 405.
 — (*Thalassidroma*) viii. 491.
 — (*Totanus*) viii. 151.
 — (*Troglodytes*) iii. 219.
 tephras (*Stercorarius*) viii. 471.
tephronota (*Acredula*) iii. 68,
 69, **75**.
 tephronota (*Sitta*) iii. 176.
 tephronotus (*Orites*) iii. 75.
 — (*Parus*) iii. 75.
 terek (*Limicola*) viii. 195.
 — (*Limosa*) viii. 195.
 — (*Scolopax*) viii. 195.
 terekensis (*Fedoa*) viii. 195.
Terekia viii. **193**.
 — *cinerea* viii. 193, **195**.
 Terekia *javanica* viii. 195.
 terrestris (*Cisticola*) iii. 3.
 — (*Drymoica*) iii. 3.
 testacea (*Alauda*) iv. 341, 344.
 tethys (*Phœnicura*) ii. 293.
 — (*Procellaria*) viii. 494.
Tetrao vii. 59, 73, 91, 121, 129,
 141, 155, 191, 201, **203**,
 209, 235, 247.
 Tetrao *alchata* vii. 67.
 — *alpinus* vii. 157.
 — *andalusicus* vii. 249.
 — *arenaria* vii. 61.
 — *arenarius* vii. 61.
 — *betulinus* vii. 193.
 — *bonasia* vii. 193.
 — *canus* vii. 193, 196.
 — *caspius* vii. 241.
 — *caucasica* vii. 237.
 — *chata* vii. 67.
 — *coturnix* vii. 143.
 — *crassirostris* vii. 223.
 — *damascenus* vii. 131.
 — *derbianus* vii. 205.
 — *ericeus* vii. 205.
 — *fasciatus* vii. 61.
 — *francolinus* vii. 123.
 — *gibbaltarius* vii. 249.
 — *islandicus* vii. 175.
 — *islandorum* vii. 175.
 — *juniperorum* vii. 205.
 — *lagopides* vii. 213.
 — *lagopodi-tetricides* vii. 213, 215.
 — *lagopoides* vii. 213, 215.
 — *lagopus* vii. 175.
 — *lagopus*, var. vii. 165.
 — *maculatus* vii. 223.
 — *major* vii. 223.
Tetrao mlokosiewiczzi vii. **219**.
 Tetrao *montanus* vii. 131, 157.
 — *mutus* vii. 157, 175.
 — *paradoxa* vii. 75.

- Tetrao perdix* vii. 131.
 — *peregrinus* vii. 205.
 — *petrosus* vii. 111.
 — *rufa* vii. 97.
 — *rufus* vii. 93, 103, 111.
 — *rupestris* vii. 157, 175, 205.
 — *saliceti* vii. 165.
 — *saliceti scoticus* vii. 165.
 — *scoticus* vii. 165.
 — *subalpinus* vii. 214.
 — *sylvaticus* vii. 249.
Tetrao tetrrix .. vii. **205**, 213, 214,
 215, 219, 220, 232, 233.
Tetrao urogallides vii. 232.
 — *urogalloides* vii. 228, 232.
 — *urogallotetricides* vii. 232.
 — *urogallo-tetrrix* vii. 233.
Tetrao urogallus ... vii. 197, 203,
 213, 214, **223**, 227,
 228, 232, 233.
Tetrao urogallus crassirostris ... vii. 223.
tetrao (*Otis*) vii. 383.
Tetraogallus v. 539.
 vii. 220, **235**.
Tetraogallus altaicus vii. 235, 238.
Tetraogallus caspius vii. 235,
 237, 238, **241**, 242, 244.
 — ***caucasicus*** vii. 235, **237**,
 238, 241, 242, 244.
Tetraogallus challayi vii. 241.
 — *challayii* vii. 242.
 — *himalayensis* vii. 235, 238, 242.
 — *tauricus* vii. 241, 242.
 — *tibetanus* vii. 235.
Tetraonidæ vii. 155.
Tetrastes bonasia vii. 193.
Tetrax vii. 367.
 — *campestris* vii. 383.
***tetrax* (*Otis*)** vii. **383**.
tetrici-albus (*Lagopus*) vii. 209, 215.
tetrrix (*Lyrurus*) vii. 205.
***tetrrix* (*Tetrao*)** vii. **205**, 213,
 214, 215, 219, 220, 232, 233.
tetrrix (*Urogallus*) vii. 205.
textrix (*Sylvia*) iii. 13.
***teydea* (*Fringilla*)** iv. **25**.
Thalassæa viii. 253, 273.
Thalasseus viii. 253.
 — *aculflavidus* viii. 301.
 — *affinis* viii. 285.
 — *anglica* viii. 295.
 — *bengalensis* viii. 285, 391.
 — *candicans* viii. 301.
 — *canescens* viii. 301.
 — *cantiacus* viii. 301, 391.
 — *caspia* viii. 289.
 — *mascuriensis* viii. 285.
 — *Pauli de Württemberg* viii. 301.
Thalasseus torresii viii. 285.
Thalassidroma viii. **489**, 503,
 511, 542, 549.
Thalassidroma albifasciata viii. 491.
 — *anglorum* viii. 517.
 — *bullockii* viii. 497.
 — *bulweri* viii. 551, 552.
 — *leachi* viii. 552.
 — *leachii* viii. 497.
 — *leucogaster* viii. 506.
Thalassidroma leucorrhœa .. viii.
497.
Thalassidroma melanogaster viii. 494.
 — *melitensis* viii. 491.
 — *minor* viii. 491.
 — *oceanica* viii. 505.
Thalassidroma pelagica viii. **491**,
 493, 500, 501, 502.
Thalassidroma tenuirostris viii. 491.
 — *wilsoni* viii. 505.
Thalassipora viii. 253.
 — *infusata* viii. 307.
Thalassites melanotis viii. 289.
Thamnobia ii. 349, 545.
Thamnodus ii. 439.
 — *provincialis* ii. 441.
Tharrhaleus iii. 27.
 — *modularis* iii. 39.
thebaica (*Cotyle*) iii. 521.
 — (*Curruca*) ii. 407.
 — (*Fringilla*) iv. 85.
theclæ (*Galerita*) iv. 289, 297.
theklae (*Galerita*) iv. 286, 289, 290.
 — *major* (*Galerita*) iv. 286.
 — *minor* (*Galerita*) iv. 286.
thermophilus (*Anthus*) .. iii. 299, 306, 307.
thibetanus (*Corvus*) iv. 532.
Thinotretes iv. 273, 275.
Thremmaphilus iv. 421.
 — *roseus* iv. 423.
Threnetria ii. 609.
 — *fluviatilis* ii. 621.
thulensis (*Somateria*) vi. 629.
thuliaca (*Lestris*) viii. 471.
thytis (*Lusciola*) ii. 293.
tibetana (*Pica*) iv. 509.
tibetanus (*Corvus*) iv. 567, 571.
 — (*Tetraogallus*) vii. 235.
Tichodroma iii. **205**.
Tichodroma europæa iii. 207.
Tichodroma muraria iii. 205,
207, 209.
Tichodroma nepalensis iii. 207.
 — *phœnicoptera* iii. 207.
 — *subhemalayana* iii. 207.
Tichornis vi. 13.
 — *cenchris* vi. 125.
tigrinus (*Falco*) v. 587.
Timeliidæ iii. 47.
***tingitanus* (*Corvus*)** .. iv. 533, 536,
 538, 541, **563**, 571.
tingitanus (*Passer*) iii. 587.
tinnuncula (*Cerchneis*) vi. 113.
tinnuncularius (*Falco*) vi. 125, 134.
tinnunculoides (*Falco*) .. vi. 125, 128, 134.
Tinnunculus alaudarius iv. 200.
 vi. 113, 116, 117.
 — *alaudarius*, var. *japonicus* .. vi. 114.
 — *cenchris* vi. 120, 125, 131.
 — *japonicus* vi. 115.
 — *rufipes* vi. 93.
 — *rupicolæ-formis* vi. 115.
 — *rupicolus* v. 665.
 vi. 115.
 — *sparverius* vi. 592.
 — *vespertinus* vi. 93.
tinnunculus (*Ægyptius*) vi. 113.
 — (*Cerchneis*) vi. 131.
***tinnunculus* (*Falco*)** ... vi. 97, 99,
113, 117, 118, 119, 128,
 129, 133, 134.
***tintillon* (*Fringilla*)** iv. **9**,
 10, 13, 14.
tintinnabulans (*Cisticola*) iii. 3.
tintinnabulum (*Calamanthella*) iii. 3.
tites (*Sylvia*) ii. 293.
tithys (*Erythacus*) ii. 293.
 — (*Lusciola*) ii. 293.
 — (*Ruticilla*) ii. 302, 304.
 — (*Saxicola*) ii. 293.
 — (*Sylvia*) ii. 293.
***titys* (*Ruticilla*)** ii. 275, 279,
293, 296.
 v. 210.
Tolmaetus v. 573.
 — *bonelli* v. 575.
Torda viii. 555.
***torda* (*Alca*)** vi. 184.
 viii. 555, **557**, 559.
torda (*Pinguinus*) viii. 557.
 — (*Utamania*) viii. 557.
torquata (*Anas*) vi. 403.
 — (*Bernicla*) vi. 389.
 — (*Clangula*) vi. 609.
 — (*Columba*) vii. 3.
 — (*Corvus monedula*) iv. 523.
 — (*Glareola*) vii. 253, 411.
 — (*Hiaticula*) vii. 497.
 — (*Melanocorypha*) .. iv. 361, 362, 363.
 — (*Merula*) ii. 113.
 — (*Pluvialis*) vii. 497.
 — (*Pratincola*) ii. 265, 266.
 — (*Scelopax*) vii. 615.
 — (*Sylvia*) ii. 113.
 — &c. (*Anas*) vi. 609.
 — *minor* (*Pluvialis*) vii. 497.
torquatus (*Accipiter falco*) v. 431.
 — (*Anser*) vi. 389.

- torquatus (*Apiaster bengalensis*) . . v. 171.
 — (*Apiaster madagascariensis*) . v. 171.
 — (*Caprimulgus*) iv. 633.
 — (*Cephus*) viii. 609.
 — (*Charadrius*) vii. 497.
 — (*Columba turtur*) vii. 51.
 — (*Colymbus*) viii. 609.
 — (*Copsichus*) ii. 113.
 — (*Histrionicus*) vi. 609, 613.
 — (*Larus*) viii. 447.
 — (*Merops*) v. 171, 172, 174.
 — (*Palumbus*) vii. 3.
 — (*Tringa cinclus*) viii. 21.
torquatus (*Turdus*) ii. 95, 108,
 113, 118, 124.
 v. 210.
 Torquilla v. 101, 103.
 — striata v. 103.
torquilla (*Jynx*) v. 101, **103**.
 torquilla (*Yunx*) v. 9, 103.
 — arborea (*Yunx*) v. 103.
 — longirostris (*Yunx*) v. 103.
 — major (*Yunx*) v. 103.
 — minor (*Yunx*) v. 103.
 — punctata (*Yunx*) v. 103.
 torra (*Herodias*) vi. 231, 237.
 torresii (*Thalasseus*) viii. 285.
Totanus vii. 636.
 viii. 9, 85, 117, **125**, 185,
 193, 198, 199, 201.
 Totanus ægocephalus viii. 211.
 — affinis viii. 143.
 — ater viii. 165.
 — bartramia viii. 119.
Totanus calidris iv. 474.
 viii. **157**, 169, 172, 182, 199.
 — canescens viii. **173**.
 Totanus chloropus viii. 173.
 — ferrugineus viii. 203.
 — fistulans viii. 173.
 — flavipes viii. 125, 153.
Totanus fuscus vii. 592.
 viii. 126, 163, **165**,
 172, 199.
 — glareola iv. 463.
 vii. 458.
 viii. **143**, 144, 154,
 181, 198, 199.
 Totanus glareoloides viii. 143.
 — glottis viii. 153, 154,
 155, 173, 199.
 — glottoides viii. 173.
 — græcus viii. 157.
 — grallatoris viii. 143.
 — griseus viii. 173.
 — guinetta viii. 127.
Totanus hypoleucos viii. **127**.
 Totanus hypoleucos viii. 193, 198.
 — indica viii. 87.
 Totanus javanicus viii. 195.
 — kuhlii viii. 143.
 — leucophæus viii. 203.
 — leucourus viii. 135.
 — leucurus viii. 135.
 — limosa viii. 211.
 — littoralis viii. 157.
 — macularius viii. 125, 132.
 — maculatus viii. 165.
 — maritimus viii. 69.
 — melanopygius viii. 119.
 — meridionalis viii. 157.
 — natans viii. 165.
 — noveboracensis viii. 187.
Totanus ochropus viii. 125,
 135, 144, 154, 198, 199.
 Totanus palustris viii. 143.
 — pugnax viii. 87.
 — raii viii. 165.
 — rivalis viii. 135.
 — rufus viii. 211.
 — semipalmatus viii. 125.
 — solitarius viii. 125.
Totanus stagnatilis viii. **151**,
 154.
 Totanus striatus viii. 157.
 — sylvestris viii. 143.
 — tenuirostris viii. 151.
 — variegatus viii. 119.
 totanus (*Limosa*) viii. 173.
 — (*Scolopax*) viii. 165, 173.
 — (*Tringa*) viii. 165.
 — cinereus (*Tringa*) viii. 87.
 — nævius (*Tringa*) viii. 157.
 — striatus (*Tringa*) viii. 157.
 Trachelia vii. 409.
 — pratincola vii. 411.
 Trachelonetta vi. 529.
 — acuta vi. 531.
 trencalos (*Vultur*) v. 373.
 triborhyncha (*Alauda*) iv. 310,
 312, 315.
 triborhynchus (*Alauda*) iv. 307.
 Trichopieus kamtchatkensis v. 65.
 tricolor (*Podiceps*) viii. 659, 665.
 — (*Ruticilla*) ii. 305.
 — (*Sylbeocyclus*) viii. 659.
 tridactyla (*Gavia*) viii. 447.
tridactyla (*Rissa*) viii. 440,
 445, **447**.
 tridactyla (*Trynga*) viii. 101.
 Tridactylia v. 67.
 — camtschatkensis v. 69.
 — hirsuta v. 69.
 tridactylus (*Apternus*) v. 69.
 — (*Dendrocopus*) v. 69.
 — (*Dryobates*) v. 69.
 — (*Laroides*) viii. 447.
 — (*Larus*) viii. 447, 452.
tridactylus (*Picoides*) v. 67, **69**.
 tridactylus (*Picus*) iii. 127.
 v. 7, 69, 70.
 — (*Pipodes*) v. 69.
 —, var. kotzebui (*Larus*) viii. 447.
 trifasciata (*Crucirostra*) iv. 141.
Tringa vii. 453, 460, 477, 525,
 543, 553, 595, 636.
 viii. 1, **9**, 64, 65, 85, 99, 109,
 114, 117, 125, 199.
 Tringa viii. 135.
 — albescens viii. 32, 33, 34, 35, 39.
Tringa alpina viii. **21**, 199.
 Tringa alpina, var. americana viii. 21.
 — atra viii. 165.
 — aurita viii. 133.
 — australis viii. 32, 77.
 — bairdii viii. 16, 18.
 — bartramia viii. 119.
 — bewickii viii. 90.
 — bonapartii viii. 15, 18.
 — calidris viii. 77.
 — calidris &c. viii. 101.
 — calidris grisea viii. 77.
 — calidris nævia viii. 77.
 — campestris viii. 15, 16, 51.
 — canadensis viii. 69.
 — cancellata viii. 115.
 — canuta viii. 207.
Tringa canutus viii. 9, 64,
 77, 183.
 Tringa chinensis viii. 21, 59.
 — cinclus viii. 21, 35, 64, 133.
 — var. chinensis viii. 21.
 — dominicensis viii. 11.
 — minor viii. 21.
 — torquatus viii. 21.
 — cinerea viii. 77.
 — crassirostris viii. 81.
 — dominicensis viii. 11.
 — dorsalis viii. 15.
 — eloroides viii. 3.
 — equestris viii. 87.
 — fasciata vii. 527.
 — ferruginea viii. 77.
 — fulvicaria viii. 605.
 — fusca vii. 597.
Tringa fuscicollis viii. **15**, 16,
 32, 51, 53.
 Tringa gambetta viii. 157.
 — glacialis vii. 605.
 — glareola viii. 143.
 — grallatoris viii. 143.
 — gregaria viii. 203.
 — grenovicensis viii. 87.
 — grisea viii. 77.
 — guinetta viii. 127.
 — helvetica vii. 455.
 — hudsonica vii. 555.
 — hyperborea vii. 597, 599.
 — hypoleucos viii. 127, 133.

Tringa interpres vii. 555.
 — *islandica* viii. 59, 77.
 — *keptuschka* vii. 527.
 — *littoralis* viii. 69.
 — *littorea* viii. 87.
 — *lobata* vii. 597, 599, 605.
 — *lomatina* viii. 77.
 — *longicauda* viii. 119.
 — *longipes* viii. 165.
Tringa maculata viii. 11, 12.
Tringa maritima viii. 558.
 viii. 69, 199.
Tringa minuta vii. 477.
 viii. 6, 29, 32, 33, 35, 36,
 39, 47, 48, 52, 53,
 65, 154.
 — ***minutilla*** viii. 13, 16, 32,
 33, 51, 52, 53, 56.
Tringa morinella vii. 555.
 — *naevia* viii. 77.
 — *nana* viii. 51.
 — *nigricans* viii. 69.
 — *oahuensis* vii. 555.
 — *ochropus* viii. 135.
 — *ocrophus*, var. *glareola* viii. 143.
 — *pacifica* viii. 133.
 — *parvirostris* viii. 114, 115.
 — *pectoralis* viii. 11.
 — *platyrhyncha* viii. 3.
 — *platyrincha* viii. 3.
 — *pugnax* viii. 87.
 — *pusilla* viii. 29, 45, 51.
 — *pygmæa* viii. 21, 59.
 — *pygmea* viii. 3.
 — *rufa* viii. 77.
 — *rufescens* viii. 87, 111, 115.
 — *salina* viii. 32, 33.
 — *schinzii* viii. 15, 17, 18.
 — *squalida* viii. 111.
 — *squatarola* vii. 455.
Tringa striata viii. 69, 157.
Tringa subarcuata viii. 59.
Tringa subarquata viii. 21,
 25, 59, 66.
Tringa subruficollis viii. 111.
Tringa temmincki viii. 29, 32, 33, 45.
Tringa temminckii viii. 32, 35, 36,
 45, 197.
 — *totanus* viii. 165.
 — *cinereus* viii. 87.
 — *nævius* viii. 157.
 — *striatus* viii. 157.
 — *vanellus* vii. 545.
 — *varia* vii. 455.
 viii. 21.
 — *variabilis* viii. 21.
 — *wilsoni* viii. 51.
 — *wilsonii* viii. 32.
Tringoides viii. 117, 125.

Tringoides bartramius viii. 119.
 — *hypoleuca* viii. 127.
 — *rufescens* viii. 111.
tringoides (*Calidris*) viii. 101.
Triorches vi. 137.
 — *fluvialis* vi. 139.
Triorchis v. 469.
tripennis (*Strix*) v. 257.
tristis (*Abromis*) ii. 477.
 — (*Acridotheres*) iv. 428.
 — (*Anthus*) iii. 285.
 — (*Phyllopneuste*) ii. 477.
 — (*Phyllopseuste*) ii. 477.
***tristis* (*Phylloscopus*)** .. ii. 477,
 483, 488, 514.
 vii. 469.
tristis (*Procellaria*) viii. 523.
 — (*Puffinus*) viii. 523.
 — (*Regulus*) ii. 477.
tristrami (*Emberiza*) iv. 207.
tristriatus (*Francolinus*) vii. 123.
tritici (*Calamoherpe*) ii. 597.
 — (*Caricicola*) ii. 597.
trivialis (*Alauda*) iii. 309.
***trivialis* (*Anthus*)** iii. 283, 290,
 291, 309.
 v. 210.
trivialis (*Dendroanthus*) iii. 309.
***trocac* (*Columba*)** vii. 3, 31,
 33, 34, 35.
trocac (*Trocaza*) vii. 33, 34.
Trocaza vii. 1.
 — *bouvryi* vii. 33, 34.
 — *laurivora* vii. 31.
 — *trocac* vii. 33, 34.
Trochilus ii. 467.
 — *medius* ii. 491.
 — *minor* ii. 485.
 — *rufa* ii. 485.
trochilus (*Asilus*) ii. 491.
 — (*Charadrius*) vii. 483.
 — (*Ficedula*) ii. 491.
 — (*Motacilla*) ii. 491.
 — (*Phyllopneuste*) ii. 491, 539.
 — (*Phyllopseuste*) ii. 491.
***trochilus* (*Phylloscopus*)** .. ii. 467,
 476, 488, 491, 493, 494, 495,
 496, 499, 511, 512, 514.
 v. 210.
trochilus (*Regulus*) ii. 491.
 — (*Sylvia*) ii. 477, 491.
 iii. 127.
 — (*Sylvicola*) ii. 491.
Troglodytes iii. 217, 219.
Troglodytes aëdon iii. 217, 229.
 — *alascensis* iii. 222, 223.
Troglodytes borealis iii. 221,
 227, 229.
Troglodytes communis iii. 219.

Troglodytes domesticus iii. 219.
 — *europæus* iii. 155, 219, 229.
 — *europæa* iii. 219.
 — *formosus* iii. 223.
 — *fumigatus* iii. 220, 222.
 — *hyemalis* iii. 223.
 — *naumanni* iii. 219.
 — *nipalensis* iii. 222.
Troglodytes parvulus iii. 217,
 219, 223, 229, 230.
 v. 210.
Troglodytes punctatus .. iii. 219, 223, 229.
 — *regulus* iii. 219.
 — *sylvestris* iii. 219.
 — *tenuirostris* iii. 219.
 — *troglodytes* iii. 219.
 — *vulgaris* iii. 219.
troglodytes (*Anorthura*) iii. 219.
 — (*Motacilla*) iii. 219.
 — (*Sylvia*) iii. 219, 229.
 — (*Troglodytes*) iii. 219.
Troglodytidae ii. 165.
 iii. 217.
***troile* (*Alca*)** viii. 567, 578.
troile (*Colymbus*) viii. 567.
 — (*Lomvia*) viii. 567.
 — (*Uria*) vi. 184.
 viii. 559, 567.
 — *leucophthalmos* (*Uria*) viii. 567.
troille (*Catarractes*) viii. 567.
 — (*Uria*) viii. 575.
trovbridgii (*Pelionetta*) vi. 669.
truncorum (*Merula*) ii. 91.
Trynga arquatella viii. 69.
 — *falcinella* viii. 59.
 — *guinetta* viii. 127, 151.
 — *leucoptera* viii. 127.
 — *littorea* viii. 143.
 — *tridactyla* viii. 101.
Tryngites viii. 109.
 — ***rufescens*** viii. 109, 111.
Tryngoides viii. 109.
Trypanocorax iv. 521, 551.
tschagra (*Lanius*) iii. 423.
 — (*Pomatorhynchus*) iii. 423.
 — (*Telephonus*) iii. 423, 425.
tschecantschia (*Motacilla*) ii. 263.
 — (*Sylvia*) ii. 263.
Tschecantschiki ii. 263.
tschegrava (*Sterna*) viii. 289.
tschutschensis (*Motacilla*) iii. 251.
Tubinares viii. 489.
tunetanus (*Accipiter falco*) vi. 47.
tunstalli (*Emberiza*) iv. 185.
turcomana (*Strix*) v. 339.
Turdidae ii. 1.
 iii. 19.
turdina (*Salicaria*) ii. 579.
Turdinae ii. 1.
turdoides (*Acrocephalus*) ii. 579.

- turdoides* (*Arundinaceus*) ii. 579.
 — (*Calamoherpe*) ii. 579.
 — (*Philomela*) ii. 369.
 — (*Salicaria*) ii. 579.
 — (*Sylvia*) ii. 579.
Turdus ii. 1, 2, 31, 95, 127,
 149, 185, 339, 545, 557.
 iii. 19, 351, 363, 421.
 iv. 403, 421.
- Turdus albiceps* ii. 100.
 — *albocinctus* ii. 95.
 — *arboreus* ii. 3.
 — *arundinaceus* ii. 579.
 — *arundinaceus*, var. il. 547.
- Turdus atrigularis** ii. 83,
 85, 86.
- Turdus atrocyaneus* ii. 87.
 — *atrogularis* ii. 83.
 — *aureus* ii. 77.
 — *aurigaster* iii. 361.
 — *auritus* ii. 86.
 — *aureus* ii. 87.
 — *azureus* ii. 139.
 — *barbatus* iii. 353.
 — *bechsteinii* ii. 83, 87.
 — *betularum* ii. 35.
 — *boulboul* ii. 95.
 — *calliope* ii. 341.
 — *camtschatkensis* ii. 341.
 — *capensis* iii. 361.
 — *castaneus* ii. 95.
 — *certhiola* ii. 633.
 — *cinclus* ii. 167.
 — *cyaneus* ii. 139.
 — *dactylopterus* ii. 94, 100, 101.
 — *daulias* ii. 74, 101.
 — *dauma* ii. 77, 81, 82.
 — *davidianus* ii. 71.
- Turdus dubius** .. ii. 59, 60, 61, 62,
 63, 65, 68, 71, 85, 86.
- Turdus eremita* ii. 150, 157.
 — *erythropterus* ii. 150.
 — *erythrurus* ii. 67.
 — *eunomus* ii. 63.
 — *fulvus* iii. 21.
 — *fuscatus* ii. 59, 61, 63, 65, 68.
 v. 6.
 — *fuscilateralis* ii. 41.
 — *gouldii* ii. 95.
 — *gracilis* ii. 35.
 — *gularis* ii. 167.
 — *hodgsoni* ii. 3, 7.
 — *horsfieldi* ii. 81.
 — *hyemalis* ii. 68.
- Turdus iliacus** ii. 35, 51, 95,
 124, 511.
 iv. 475.
- Turdus imbricatus* ii. 81.
 — *infuscatus* ii. 95.
- Turdus iodurus* ii. 81.
 — *javanicus* ii. 71, 95.
 — *junco* ii. 579.
 — *juniperorum* ii. 41.
 — *kinnisii* ii. 95.
 — *leucocillus* ii. 87.
 — *leucurus* ii. 247.
 — *lunulatus* ii. 77, 78, 81.
 — *major* ii. 3.
 — *manilla* ii. 149, 150.
 — *manillensis* ii. 150, 156, 157.
 — *mauvis* ii. 35.
- Turdus merula** ii. 29, 33, 51,
 91, 95, 99, 124, 146.
 iii. 426.
 v. 208, 210.
- Turdus merula &c.* iii. 361.
 — —, var. *montana* ii. 99.
 — —, var. *syriaca* ii. 100.
 — *migratorius* ii. 1.
 — *minor* ii. 19, 351.
 — *modestus* ii. 71.
- Turdus musicus** ii. 19, 23, 30,
 39, 41, 86, 97, 124.
 v. 210.
 viii. 140.
- Turdus mutabilis* ii. 87.
 — *mystacinus* ii. 86.
- Turdus naumanni** ii. 59, 60,
 61, 62, 63, 64, 65, 69, 86.
- Turdus naumanni* ii. 59, 63, 85.
 — *nigropileus* ii. 95.
 — *nilgiriensis* ii. 81.
- Turdus obscurus** ii. 71, 74.
- Turdus olivaceus* ii. 95, 149.
 — *oriolus* iii. 365.
 — *pallens* ii. 71.
 — *pallidus* ii. 71, 74.
 — *philomelos* ii. 19.
- Turdus pilaris** ii. 41, 45, 61,
 68, 95, 123, 124.
 viii. 340.
- Turdus roseus* iv. 423.
 — *rubiginosus* ii. 547.
- Turdus ruficollis** ii. 59, 61, 65,
 67, 69, 86.
- Turdus rufulus* ii. 71.
 — *saxatilis* ii. 129.
 iv. 189.
 — *seleucis* iv. 423.
 — *serranus* ii. 95.
 — *seyfferitzii* ii. 71.
- Turdus sibiricus** ii. 87.
- Turdus simillimus* ii. 95.
 — *sinensis* ii. 95.
 — *solitarius* ii. 139, 150.
 iv. 405.
- *squamatus* ii. 77.
- Turdus subpilaris* ii. 41.
 — *swainsoni* ii. 1.
- Turdus torquatus** ii. 95, 108,
 113, 118, 124.
 v. 210.
- Turdus unicolor* ii. 95.
- Turdus varius** ii. 77, 81, 82.
- Turdus vernerii* ii. 71.
 — *vinetorum* ii. 35.
- Turdus viscivorus** ii. 2, 3, 7,
 48, 50, 51, 80, 124.
 iv. 463.
- Turdus whitei* ii. 77, 78.
- Turnicidæ* vii. 247.
- Turnix** vii. 247, 253.
- Turnix africanus* vii. 249.
 — *albigularis* vii. 249.
 — *andalusica* vii. 249.
 — *dussumieri* vii. 250.
 — *gibraltaria* vii. 249.
 — *gibraltarius* vii. 249.
- Turnix sylvatica** .. vii, 247, 249.
- Turnix sylvaticus* vii. 249.
- turricola* (*Columba*) vii. 11, 14.
- turrium* (*Cypselus*) iv. 583.
 — (*Cypselus apus*) iv. 583.
 — (*Monedula*) iv. 523.
- Turtur** vii. 37.
- Turtur*, sp. ? v. 210.
 — *auritus* iv. 593.
 vii. 39, 48, 49, 50.
 — *cambayensis* v. 582.
 vii. 55.
 — *communis* vii. 37.
 — *decipiens* vii. 52, 54.
 — *douraca* vii. 51.
 — *gelastes* vii. 45.
 — *intercedens* vii. 51.
- Turtur isabellinus** .. vii. 49, 54.
- Turtur meena* vii. 45, 47, 48, 52.
 — *migratorius* vii. 39.
- Turtur orientalis** vii. 45, 48.
- Turtur pygmæus* vii. 55.
- Turtur risorius** vii. 51, 52.
- Turtur rufescens* vii. 55.
 — *rupicola* vii. 45, 47, 48.
 — *savignyi* vii. 55.
- Turtur senegalensis** .. vii. 49, 50,
 55, 57.
- Turtur sharpii* vii. 49, 50.
 — *stoliczkæ* vii. 51, 52.
 — *turturoides* vii. 49.
 — *vitticollis* vii. 45.
- Turtur vulgaris** .. vii. 37, 39, 42,
 45, 49.
- turtur* (*Columba*) vii. 39.
 — (*Peristera*) vii. 39.
 — *lusitanus* (*Columba*) vii. 39.

turtur torquatus (Columba) vii. 51.
 turturoides (Turtur) vii. 49.
 typica (Sitta europæa) iii. 179.
 tytis (Saxicola) ii. 263.
 tyleri (Hirundo) iii. 479, 480.
 — (Phylloscopus) ii. 474.

ulicicola (Ficedula) ii. 441.
 uliginosa (Telmatias) vii. 631.
 ultramarinus (Cyanistes) iii. 139.
 — (Parus) iii. 85, 139.
 Ulula v. 235, 249, 269, 317.
 — aluco v. 271.
 — barbata v. 281.
 — brachyotus v. 257.
 — cinerea v. 281.
 — flammea v. 237.
 — funerea v. 319.
 — lapponica v. 281.
 — litturata v. 277.
 — stridula v. 271.
 — uralensis v. 277.
 ulula (Asio) v. 257.
 — (Strix) v. 271, 301, 312.
ulula (Surnia) v. 299, 301, 309, 311.

ululans (Syrnium) v. 271.
 umbellus (Bonasa) vii. 191, 199, 202.
 — (Bonasia) vii. 211.
 umbrinus (Circus) v. 415, 419.
 — (Corax) iv. 577.
 — (Corone) iv. 577.
umbrinus (Corvus) iv. 533, 536, 541, 547, 559, 560, 561, 571, 575, 577.

undata (Alauda) iv. 285.
 — (Curruca) ii. 435.
 — (Galerita) iv. 235.
 — (Melizophilus) ii. 441.
 — (Motacilla) ii. 441.
 — (Nisoria) ii. 435.
 — (Sylvia) ii. 441.
 undatus (Adophoneus) ii. 435.
undatus (Melizophilus) .. ii. 439, 441, 448, v. 210.

Undina vi. 675.
 — leucocephala vi. 677.
 — mersa vi. 677.
 undulata (Curruca) ii. 435.
 — (Eupodotis) vii. 391, 395.
 — (Houbara) vii. 391.
undulata (Otis) vii. 391, 392, 395, 396, 397.

undulata (Psophia) vii. 391.
 undulatus (Adophoneus) ii. 435.
 uniclavus (Gallinago) vii. 641.
 unicolor (Aquila) v. 499.
 — (Columba) vii. 11.

unicolor (Cypselus) iv. 584, 598, 599, 601.

unicolor (Haliaetus) v. 545.
 — (Merula) ii. 95.
unicolor (Sturnus) .. iv. 408, 409, 415, 416, 419.

unicolor (Sturnus vulgaris) iv. 415.
 — (Turdus) ii. 95.
 — (Uria) viii. 575, 586.
 unwini (Cygnus) vi. 419.
 upcheri (Hippolais) ii. 535.
 — (Hypolais) ii. 350.
Upupa iii. 167, iv. 273, v. 177, 180, 182.

Upupa africana v. 182, 183, 184.
 — alaudipes iv. 273.
 — bifasciata v. 179.
 — brachyrhynchos v. 179.
 — ceylonensis v. 183, 184.
 — decorata v. 180, 182, 184.
Upupa epops v. 9, 177, 179, 180, 182, 183, 184, 185, 193, 194, vi. 109.

Upupa exilis v. 179.
 — indica v. 179, 183, 184.
 — longirostris v. 180, 183, 184.
 — macrorhynchos v. 179.
 — maculigera v. 179.
 — major v. 179, 180, 181.
 — marginata v. 180, 183, 184.
 — minor v. 180, 182.
 — monolophos v. 180.
 — nigripennis v. 180, 184.
 — senegalensis v. 179, 180.
 — vulgaris v. 179.
 Upupidæ v. 177.
uralense (Syrnium) v. 277.

uralensis (Picus) v. 39.
 — (Pipripicus) v. 39.
 — (Ptynx) v. 277.
 — (Scotiaptex) v. 277.
 — (Sitta) iii. 169, 170.
 — (Sitta europæa) iii. 179.
 — (Strix) v. 277, 301, 307.
 — (Surnia) v. 277.
 — (Ulula) v. 277.
urbica (Chelidon) .. iii. 493, 495.

urbica (Hirundo) iii. 488, 490, 491, 495, 515, 517, vi. 78.
 — candida (Hirundo) iii. 495.
 — fenestrarum (Chelidon) iii. 495.
 — latirostris (Chelidon) iii. 495.
 — pallida (Hirundo) iii. 495.
 — rupestris (Chelidon) iii. 495.
 — septentrionalis (Chelidon) .. iii. 495.
 — tectorum (Chelidon) iii. 495.

urbica varia (Hirundo) iii. 495.
 — vulgaris (Chelidon) iii. 495.
 urbicola (Saxicola) ii. 263.
Uria viii. 555, 567, 579, 589.

Uria alga viii. 567.
 — alle viii. 591.
 — arctica viii. 581.
 — arra viii. 575, 578.
 — brünnichii viii. 575, 578.
 — carbo viii. 579, 586.
 — columba viii. 579, 586.
 — färöensis viii. 581.
 — francsii viii. 575.
 — glacialis viii. 587.
 — gröenlandica viii. 581.
Uria grylle vi. 184, 652, viii. 579, 581, 583, 584, 585, 586, 587, 588.

Uria grylle mandtii viii. 587.
 — hringvia viii. 567.
 — intermedia viii. 567.
 — lacrimans viii. 567.
 — lacteola viii. 581.
 — leucophthalmos viii. 567.
 — leucopsis viii. 567.
 — leucoptera viii. 581.
 — lomvia viii. 567, 575.
Uria mandti viii. 579, 583, 584, 585, 586, 587, 588.

Uria mandtii viii. 587.
 — meisneri viii. 581.
 — minor viii. 567, 581, 591.
 — nigra viii. 581.
 — striata viii. 581.
 — motzfeldi viii. 586.
 — nivea viii. 581.
 — norwegica viii. 567.
 — polaris viii. 575.
 — ringvia viii. 567.
 — scapularis viii. 581.
 — svarbag viii. 575, 578.
 — troile viii. 559, 567.
 — leucophthalmos viii. 567.
 — troille viii. 575.
 — unicolor viii. 575, 586.
 urinator (Colymbus) viii. 629.
 urogallides (Tetrao) vii. 232.
 urogalloides (Tetrao) vii. 228, 232.
 urogallotetricides (Tetrao) vii. 232.
 urogallo-tetrix (Tetro) vii. 233.
 Urogallus vii. 203.
 — maculatus vii. 223.
 — minor vii. 205.
 — tetrix vii. 205.
urogallus (Tetrao) vii. 197, 203, 213, 214, 223, 227, 228, 232, 233.

urogallus crassirostris (Tetrao) .. vii. 223.

- uropygialis (*Drymoica*)..... iii. 3.
 — (*Limosa*)..... viii. 206, 213.
 — (*Numenius*) viii. 227, 232, 245.
Utamania viii. 555.
 — *pica* viii. 557.
 — *torda* viii. 577.

vaillantii (*Chloropicus*) v. 93.
***vaillantii* (*Gecinus*) v. 93.**
vaillantii (*Ixos*) iii. 357.
valida (*Pyrgita*)..... iii. 587.
validissimus (*Corvus*) iv. 534.
validus (*Corvus*) iv. 534.
vallombrosæ (*Ixos*) iii. 357.
valombrosæ (*Pycnonotus*)..... iii. 357.
***Vanellus*..... vii. 453, 525, 537,
 543, 545.**
Vanellus ægyptius vii. 545.
 — *bicornis*..... vii. 545.
 — *cayennensis* vii. 543.
 — *coronatus* vii. 527.
 — *cristatus* vii. 461, 462, 530,
 545, 552.
 — — *bicornis*..... vii. 545.
 — — *communis* vii. 545.
 — — *crispus* vii. 545.
 — *flavipes* vii. 531.
 — *gavia*..... vii. 545.
 — *gallarius* vii. 531.
 — *gregarius* vii. 527, 540.
 — *helveticus* vii. 455.
 — *keptuschka* vii. 527.
 — *leucurus* vii. 531, 532.
 — *melanogaster* vii. 455.
 — *melasomus* vii. 539.
 — *occidentalis*..... vii. 543.
 — *pallidus* vii. 527.
 — *resplendens* vii. 543.
 — *squatarola*..... vii. 455.
 — *villotæi* vii. 531.
***Vanellus vulgaris* vii. 543,
 545, 552.**
vanellus (*Charadrius*) vii. 545.
 — (*Tringa*) vii. 545.
 — *candidus* (*Charadrius*)..... vii. 545.
 — *pallidus* (*Charadrius*) vii. 545.
 — *varius* (*Charadrius*)..... vii. 545.
varia (*Ærolia*) viii. 59.
 — (*Ceryle*) v. 125.
 — (*Hirundo urbica*) iii. 495.
 — (*Oreocincla*) ii. 77.
 — (*Perdix rubra*)..... vii. 103.
 — (*Pica*)..... iv. 509.
 — (*Squatarola*)..... vii. 455.
 — (*Tringa*) vii. 455.
 — *japonica* (*Pica*)..... iv. 509.
 viii. 21.
variabilis (*Accipiter*) v. 431.
 — (*Aquila*) v. 431.
 vi. 3.
variabilis (*Buteo*) v. 449.
 — (*Numenius*) viii. 21.
 — (*Pelidna*) viii. 21.
 — (*Tringa*)..... viii. 21.
variegata (*Aquila*) v. 513.
 — (*Ardea*) vi. 217.
 — (*Erolia*) viii. 59.
variegatus (*Circus*) v. 415.
 — (*Falco*)..... v. 449.
 — (*Picoides*) v. 69.
 — (*Porphyrio*) vii. 307, 308.
 — (*Totanus*)..... viii. 119.
varius (*Accipiter circus*)..... v. 587.
 — (*Charadrius*)..... vii. 455.
 — (*Charadrius vanellus*)..... vii. 545.
 — (*Numenius mexicanus*) vi. 335.
 — (*Phasianus*) vii. 85.
 — (*Pluvialis*)..... vii. 455.
 — (*Sturnus*) iv. 405.
***varius* (*Turdus*) ii. 77, 81, 82.**
velox (*Sterna*) viii. 285, 292.
velvetina (*Edemia*) vi. 661.
ventralis (*Charadrius*) vii. 527.
vera (*Scops*) v. 329.
 — *anthirostris* (*Locustella*) ii. 611.
 — *fruticeti* (*Locustella*)..... ii. 611.
 — *major* (*Locustella*)..... ii. 611.
 — *tenuirostris* (*Locustella*) ii. 611.
verany (*Ardea*) vi. 245.
verdati (*Hypolais*) ii. 537.
vereda (*Ægialitis*)..... vii. 480, 505.
vermiculatus (*Edicnemus*) .. vii. 406, 407.
verna (*Ficedula motacilla*) iii. 261.
verneri (*Turdus*) ii. 71.
versicolor (*Falco*) v. 449, 451.
 — (*Phasianus*) vii. 87.
verus (*Otus*) v. 251.
vesparum (*Pernis*) vi. 3.
 — (*Pernis apivorus*) vi. 3.
vespertinus (*Cerchneis*) vi. 93.
 — (*Erythropus*)..... vi. 93, 97, 131.
***vespertinus* (*Falco*) vi. 13,
 93, 94.**
vespertinus (*Tinnunculus*) vi. 93.
veterum (*Noctua*) v. 367.
***veterum* (*Porphyrio*) vii. 297,
 299, 301, 303,
 304, 305, 306.**
 — *meridionalis* (*Noctua*) v. 367.
viarum (*Galerida*) iv. 285.
victoriæ (*Erodium*)..... vi. 231.
vidali (*Curruea*) ii. 411.
vidua (*Motacilla*) iii. 241.
Viduinæ iii. 47.
vierthaleri (*Corydalla*) iii. 317.
vigil (*Lanius*) iii. 393.
vigorsi (*Ruticilla*) ii. 305.
vigorsii (*Glottis*) viii. 173.
villosa (*Sitta*)..... iii. 177.
villosus (*Picus*) v. 27.
villotæi (*Vanellus*) vii. 531.
vinago (*Columba*) vii. 23.
vindhiana (*Aquila*)..... v. 516, 571.
vinetorum (*Turdus*) ii. 35.
violacea (*Petrocincla*)..... ii. 150.
violaceus (*Corvus*)..... iv. 535.
 — (*Parus*)..... iii. 139, 140.
Viralva viii. 253, 313.
 — *affinis*..... viii. 295.
 — *anglica*..... viii. 295.
 — *aranea* viii. 295.
 — *indica* viii. 315.
 — *leucopareia* viii. 315.
 — *leucoptera* viii. 321.
 — *nigra*..... viii. 327.
virescens (*Anthus*)..... iii. 285.
 — (*Gecinus*) v. 77.
virgatus (*Accipiter*) v. 628.
 — (*Numenius*) viii. 243.
virginiana (*Alauda*) iv. 387.
virginianus (*Charadrius*).... vii. 436, 443,
 445.
 — (*Ortyx*)..... vii. 141.
virginicus (*Charadrius*) vii. 436, 437,
 443, 444, 445, 447, 448.
virgo (*Anthropoides*) vii. 344, 353.
 — (*Ardea*) vii. 353.
***virgo* (*Grus*) vii. 342, 353,
 355, 356.**
virgo (*Scops*)..... vii. 353.
viridanus (*Phylloscopus*) ii. 468, 472,
 507, 508.
viridi-canus (*Picus*) v. 95.
viridis (*Brachylophus*)..... v. 77.
 — (*Budytes*) iii. 265,
 iv. 236.
 — (*Chloropicus*) v. 77.
***viridis* (*Gecinus*)..... v. 26, 49, 75,
 77, 79, 89, 90, 94, 97, 98, 99.**
 — (***Merops***).... v. 160, **171**, 175.
 — (***Motacilla***)..... iii. 249, 250,
 263, 265, 266, **269**, 274,
 275, 276, 296, 297.
 v. 210.
viridis (*Numenius*) vi. 335.
 — (*Picus*) v. 7, 8, 9, 77, 80, 83, 87.
 — (*Spinus*)..... iii. 541.
 — (*Tantalus*)..... vi. 335.
viridissimus (*Merops*)..... v. 171, 172.
 — (*Phlothus*) v. 171.
viridula (*Curruea*) ii. 491.
viscivora (*Merula*) ii. 3.
 — (*Sylvia*) ii. 3.
viscivorus (*Ixocossyphus*) ii. 3.
***viscivorus* (*Turdus*)..... ii. 2, 3, 7,
 48, 50, 51, 80, 124,
 iv. 463.**
Vitiflora ii. 185, 187,
 iii. 233.

- Vitiflora assimilis* ii. 203.
 — *aurita* ii. 203.
 — *cinerea* ii. 187.
 — *grisea* ii. 187.
 — *leucomela* ii. 231.
 — *leucopyga* ii. 243.
 — *leucura* ii. 247.
 — *leucuros* ii. 243, 247.
 — *maculata* iii. 317.
 — *major* ii. 187.
 — *massiliensis* iii. 317.
 — *œnanthe* ii. 187.
 — *paradoxa* ii. 207.
 — *rufa* ii. 203, 207.
 — *saltatrix* ii. 199.
 — *septentrionalis* ii. 187.
 — *stapazina* ii. 207.
vitiflora (*Motacilla*) ii. 187.
 — *rufa* (*Ficedula*) ii. 203, 207.
 — *rufescens* (*Ficedula*) ii. 203, 208.
vitis (*Fringilla*) iv. 37.
vittata (*Aquila*) v. 499.
 — (*Saxicola*) ii. 189.
vitticollis (*Turtur*) vii. 45.
 — *major* (*Columba*) vii. 45.
 — *minor* (*Columba*) vii. 45.
vociferans (*Merula*) ii. 113.
vociferus (*Buteo*) v. 663.
 — (*Corvus*) iv. 567.
 — (*Falco*) v. 663.
volitans (*Cisticola*) iii. 6, 7.
vulgaris (*Alauda*) iv. 307.
 — (*Anser*) vi. 355.
 — (*Arenaria*) viii. 101.
***vulgaris* (*Buteo*)** v. 447, **449**,
 451, 452, 454, 457, 458, 459,
 461, 477, 493, 649.
 vi. 11.
vulgaris (*Caprimulgus*) iv. 621.
 — (*Cataractes*) viii. 457.
 — (*Chelidon urbica*) iii. 495.
 — (*Clangula*) vi. 595.
***vulgaris* (*Coccythraustes*)** iii. 573,
575.
 iv. 21.
 v. 210.
vulgaris (*Colymbus*) viii. 639.
 — (*Coturnix*) vii. 143, 251.
 — (*Cypselus*) iv. 583.
 — (*Cypselus apus*) iv. 583.
***vulgaris* (*Francolinus*)** .. vii. 121,
123.
vulgaris (*Galerita cristata*) iv. 236.
 — (*Grus*) vii. 337.
 — (*Gyps*) v. 373.
 — (*Himantopus*) vii. 587.
 — (*Lagopus*) iv. 265.
 vii. 157.
 — (*Linaria*) iv. 37.
 — (*Merula*) ii. 91.
vulgaris (*Milvus*) v. 643.
 — (*Nycticorax*) vi. 269.
 — (*Otus*) v. 251.
 — (*Perdix*) vii. 131.
 — (*Phalaropus*) vii. 597.
 — (*Pica*) iv. 509.
 — (*Pyrrhula*) iii. 213.
 iv. 101, 107.
 — (*Regulus*) ii. 453.
 — (*Rusticola*) vii. 615.
 — (*Streptilas collaris*) vii. 555.
 — (*Strix flammea*) v. 237.
***vulgaris* (*Sturnus*)** .. iv. 403, **405**,
 410, 413, 415, 416, 417,
 419, 420.
 vi. 11.
vulgaris (*Troglodytes*) iii. 219.
***vulgaris* (*Turtur*)** vii. 37, **39**,
 42, 45, 49.
vulgaris (*Upupa*) v. 179.
***vulgaris* (*Vanellus*)** vii. 543,
545, 552.
vulgaris (*Vultur*) v. 373, 383.
vulgaris, var. *capensis* (*Buteo*) v. 457.
 —, var. *etrusca* (*Buteo*) v. 449.
 — *japonica* (*Coturnix*) vii. 143.
 — *japonicus* (*Coccythraustes*) .. iii. 575.
 —, var. *obscura* (*Buteo*) v. 449.
 — *unicolor* (*Sturnus*) iv. 415.
Vulpanser vi. 449.
 — *rutila* vi. 461.
 — *tadorna* vi. 451.
vulpanser (*Tadorna*) vi. 451.
vulpinus (*Buteo*) v. 457.
Vultur v. 371, **381**, 389,
 399, 543.
Vultur ægyptius v. 373, 391.
 — *albicollis* v. 373.
 — *albiulla* v. 551.
 — *albus* v. 391.
 — *alimoch* v. 391.
 — *alpinus* v. 401.
 — *arrianus* v. 383.
 — *aureus* v. 401.
 — *barbatus* v. 401.
 — *calvus* v. 547.
 — *castaneus* v. 373.
 — *chassefiente* v. 373.
 — *chincou* v. 383.
 — *cinereus* v. 376, 380, 383.
 — *fulvus* v. 373, 385, 394,
 405, 411.
 — — *occidentalis* .. v. 373, 376, 380.
 — — *orientalis* v. 373, 380.
 — *fuscus* v. 391.
 — *imperialis* v. 383.
 — *kolbii* v. 373.
 — *leucocephalos* v. 391.
 — *leucocephalus* v. 373, 401.
 — *meleagris* v. 391.
Vultur monachus v. 374, 375,
 380, 381, **383**.
 vii. 388.
Vultur niger v. 383, 401.
 — *perenopterus* v. 373, 391.
 — —, var. *capensis* v. 391.
 — *persicus* v. 373.
 — *stercorarius* v. 391.
 — *trencalos* v. 373.
 — *vulgaris* v. 373, 383.
Vulturidæ v. 371.
vulturina (*Aquila*) v. 513.
vulturinus (*Corvus*) v. 395.
Wagellus viii. 533.
wagleri (*Charadrius*) vii. 527.
wapacuthu (*Nyctea*) v. 287.
 — (*Strix*) v. 287.
wattersi (*Alauda*) iv. 312, 313.
whitei (*Turdus*) ii. 77, 78.
whiteii (*Oreocincla*) ii. 77.
whitelyi (*Chelidon*) iii. 498.
widhalmi (*Podiceps*) viii. 629.
wiedii (*Aquilastur*) v. 575.
 — (*Aquila*) v. 575.
williamsii (*Phalaropus*) vii. 597.
wilsoni (*Actodromas*) viii. 51.
 — (*Charadrius*) vii. 458.
 — (*Gallinago*) vii. 643, 647.
 — (*Oceanites*) viii. 505.
 — (*Procellaria*) viii. 505.
 — (*Squatarola*) vii. 455.
 — (*Steganopus*) vii. 595.
 — (*Sterna*) viii. 263, 268.
 — (*Thalassidroma*) viii. 505.
 — (*Tringa*) viii. 51.
wilsonii (*Sterna*) viii. 268.
 — (*Tringa*) viii. 32.
wodzickii (*Locustella*) ii. 621.
***wolfi* (*Cyanecula*)** ii. 309, **311**,
 314, 315, 319, 320.
wolfii (*Cyanecula*) ii. 311.
 — (*Sylvia*) ii. 311.
Xanthocephalus icterocephalus .. viii. 332.
xanthocheilus (*Charadrius*) .. vii. 443, 444.
 — (*Pluvialis*) vii. 443.
xanthodactyla (*Ardea*) vi. 239.
xanthomelæna (*Saxicola*) ii. 211.
xanthonyx (*Falco*) vi. 125.
xanthopoda (*Ardea*) vi. 243.
***xanthoprymna* (*Saxicola*)** ii. 190,
227, **229**.
xanthopygius (*Ixos*) iii. 357.
 — (*Ixos*) iii. 357.
 — (*Pycnonotus*) iii. 357.
xanthopygos (*Ixos*) iii. 357.
***xanthopygus* (*Pycnonotus*)** iii. 355,
357, 358, 362.
xanthorhinus (*Cygnus*) vi. 433.

- Xanthornis* iv. 149.
 — *caucasicus* iv. 151.
xanthoschistos (*Motacilla*) iii. 251.
Xema viii. **335**, 355.
Xema caniceps viii. 365.
 — *capistratum* viii. 357.
 — *capistratus* viii. 357.
 — *collaris* viii. 337.
 — *furcatum* viii. 335.
 — *gelastes* viii. 389.
 — *genei* viii. 389.
 — *ichthyaetus* viii. 369.
 — *lambruschinii* viii. 389.
 — *melanocephalon* viii. 365.
 — *melanocephalus* viii. 365.
 — *minutum* viii. 373.
 — *pileatum* viii. 357.
 — *ridibundum* viii. 357.
 — *ridibundus* viii. 357.
 — *sabini* viii. 335, 337.
Xema sabinii viii. **337**.
- Xenus* viii. 193.
 — *cinereus* viii. 195.
Xylocopus v. 17.
 — *minor* v. 53.
Xylopicus kamtschatcensis v. 65.
 — *pipra* v. 65.
yarrellii (*Motacilla*) iii. 239, 242.
yelcuanus (*Puffinus*) viii. 517.
yelkouan (*Procellaria*) viii. 517.
 — (*Puffinus*) viii. 517.
yelkuan (*Procellaria*) viii. 517.
yeltoniensis (*Alauda*) iv. 377.
yeltoniensis (**Melanocorypha**)
 iv. **377**.
yperboreus (*Phalaropus*) vii. 597.
ypsilophorus (*Coturnix*) vii. 143.
Yunx v. 101.
 — *japonica* v. 103.
 — *torquilla* v. 9, 103.
 — *arborea* v. 103.
- Yunx torquilla longirostris* v. 103.
 — *major* v. 103.
 — *minor* v. 103.
 — *punctata* v. 103.
- Zaporina* vii. 265.
 — *minuta* vii. 283.
 — *pygmæa* vii. 275.
Zapornia vii. 265.
 — *marmorata* vii. 267.
 — *minuta* vii. 283.
 — *porzana* vii. 267.
 — *pusilla* vii. 283.
zonatus (*Ægialites*) vii. 491.
 — (*Charadrius*) vii. 491.
zonorhynchus (*Larus*) viii. 385.
zorca (*Ephialtes*) v. 329.
 — (*Scops*) v. 329.
 — (*Strix*) v. 329.
zygodactyli (*Coccyges*) v. 197.





