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WALTER FRANK PERKINS

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## PREFACE

In the introduction to his *British and Irish Writers on Agriculture*, which was first published in 1929, Walter Frank Perkins wrote: 'This is a Bibliography of some 1,300 British and Irish writers on the Agriculture of the United Kingdom from the earliest printed books until, and including, the year 1900. For reasons which seemed sufficient to me, I have laid down certain arbitrary rules of inclusion and exclusion.' As a result his book included works on the general practice and improvement of agriculture; on agricultural chemistry, botany and entomology; on drainage, weights and measures, and on agricultural education and biography; and it excluded forestry, horticulture, surveying, estate management, herd books, veterinary science, farm architecture, and agricultural law, politics and economics. The scope of the bibliography was somewhat enlarged in the second and third editions, published in 1932 and 1939 respectively, and lists of *anonyma* and of journals and serial publications were added.

Perkins' own agricultural library reflects to some extent the pattern of his Bibliography; the collection contains, however, numerous works which fall within the categories he excluded, while many books listed in *British and Irish Writers on Agriculture* will not be found. The earliest imprint is 1600, the date of the *Maison Rustique or, the Countrie Farme*, by Charles Estienne and Jean Liebaut, No. 577; this is a translation of a French work first published in Paris in 1564. The earliest English work is No. 1135, Gervase Markham's *Second Booke of the English Husbandman*, printed in 1615. There are very few items in, or translated from, foreign languages, there are few books published later than 1900, and only thirty-five from the seventeenth century; so that the collection consists mainly of eighteenth- and nineteenth-century British books, and it is in eighteenth-century material that it is perhaps richest.

All those who are interested in the ways of the husbandman and in country customs of the past will find rewarding and little known material in this collection. Its value to the student of agricultural, economic and social history needs no emphasis.

As a practising farmer, a bibliophile and a man who played a part in public life, Walter Frank Perkins constantly used and enjoyed

his own books, and also supplemented them by drawing on national collections. He was, from its inception, an enthusiastic supporter of the movement for a national inter-library lending service. Therefore it was not surprising that when he gave his collection to University College Southampton, he wished a catalogue to be published which would make its contents known, and asked that the books themselves should be available for loan outside the University. It is hoped that the catalogue now printed will worthily, if somewhat tardily, fulfil his wishes. All items in the collection may be borrowed, subject to the usual safeguards.

To Mr A. Anderson who compiled the catalogue and to Mr E. H. Milligan on whose preliminary work it is based, I express my thanks for the care they have devoted to it; inevitably some errors or misprints will be found, but the compilers are not responsible for any faults or omissions in the plan. I am most grateful to Mrs Mary Hopkirk for contributing the memoir of her father, in which, however, she gives too small a place to his life-long interest in the welfare of the College and to the work he did for it; and I am deeply indebted to Mrs Walter Frank Perkins for many acts of kindness in connection with the transfer of the collection to the University and the preparation of the catalogue.

M. I. HENDERSON

November 1960

## WALTER FRANK PERKINS: A MEMOIR

BY HIS DAUGHTER

MARY HOPKIRK

The Hartley Institution, embryo of the University of Southampton, was only three years old when Walter Frank Perkins was born at Bowling Green House, Southampton, on May 3, 1865. His parents, Walter and Mary-Louisa Perkins, belonged to an old New Forest family whose roots lay in the Avon valley. The baby's grandfather, Richard Perkins, had settled in Southampton on his marriage in 1820 and founded a large family, most of whom played a prominent part in the civic, professional and business life of the rapidly developing town. Sir Frederick Perkins, the baby's uncle, was mayor when Lord Palmerston arrived from Broadlands to open the new and comparatively humble—but much-needed—adult education centre.

Bowling Green House, now engulfed by the docks, was then in a charming marine setting, and the family kept a cow in Porters' Mead, now Queen's Park. The children spent long summers at Wimpson Farm in Millbrook (then entirely rural), and later at Stoke Manor Farm, Bishopstoke, which their father rented, and it was there that the little boy acquired his love of farming in the days before mechanization—watching the corn cut with sickles and the hay falling under scythes, and noting with interest that the farm workers brought their dinners in pudding-basins tied up with red cotton handkerchiefs, and heated them in water drawn from the boiler of the threshing-machine.

As a small child he attended a day school kept by a Miss Alford in Hill Lane, and later went to Forest School at Snaresbrook. Meanwhile, his father bought a seemingly derelict house, then known as Abbott's Park, on the edge of the town, rehabilitated it and restored its former name of Portswood House. The family lived there until 1912.

In 1885, Walter Frank entered the Royal Agricultural College at Cirencester, whence he emerged after two years with the Senior certificate of the Royal Agricultural Society of England, the First class certificate of the Highland and Agricultural Society of Scotland (taking the first place of all candidates in agriculture), the First

class certificate and silver medal of the Royal Agricultural Society of Ireland, and the College's own Diploma with honours. He passed second out of fifty-six in the land agency sub-division examination of the Surveyors' Institution, and soon afterwards became a Professional Associate.

At an early age he became a bibliophile, specializing in books on agriculture, botany and forestry which were then of interest only to a very limited section of book-collectors, and could be obtained comparatively easily and inexpensively.

On leaving Cirencester he joined his father's business as a surveyor, and while in practice, became a Fellow of the Surveyors' Institution, and a life member of the Royal Agricultural Society of England, of the Highland Society, and the Royal Agricultural Society of Ireland.

Prior to his marriage, he made long tours of Canada and the United States, and went round the world. In 1901 he settled at Boldre Bridge House, near Lymington. In 1910 he entered Parliament as member for the New Forest, having won the seat by a record majority, and he was returned unopposed in the two ensuing general elections. He retired from politics in 1922, and thenceforward devoted himself to literary and agricultural pursuits.

He was a founder member and first President of the New Forest Agricultural Show, and keenly interested in the history of the New Forest; in addition to several articles on local history he published *Boldre: the parish, the church, and its inhabitants*, 1927; *A New Forest bibliography*, 1935; and his standard bibliography, *British and Irish writers on agriculture* was first published in 1929.

Meanwhile the old Hartley Institute had become the University College of Southampton, and in 1928 when an appeal was launched for funds to enable it to attain university status, Walter Frank Perkins succeeded his brother-in-law—Sir Russell Bencraft—as Honorary Treasurer to the College, an office he held till 1933, when ill health compelled him to resign.

He died at Boldre in 1946, and a short time prior to his death gave his collection of agricultural books to the university of his birthplace.

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*The abbreviation P.A.L. (Perkins Agricultural Library) is used to indicate the collection.*

### Note on Cataloguing Usage

The catalogue is an author catalogue, entry being under the names of authors, editors, societies and government departments, and under place in the case of institutions. Books by pseudonymous authors whose real names are unknown are entered under the pseudonym: anonymous books are entered under title. Noblemen are entered under the family name, and British compound surnames under the last part of the name.

The size of each book is given in accordance with an arbitrary system of measurement over the covers:

- sm. 8vo—under 7" high
- 8vo—7"—9½" high
- la. 8vo—9½"—12" high, not over 8" wide
- 4to—over 9½" high, over 8" wide
- fol.—over 12" high, not wide in proportion to height.

In the case of books published up to 1700, the true bibliographical format is added in round brackets after the arbitrary one, if the two differ. In the case of the earlier (quarto) series of Board of Agriculture surveys and of the works in quarto issued in conjunction with them, the description (sm. 4to) is added to distinguish these from the later series of octavo surveys.

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- 942 **The country-man's treasure: shewing the nature, causes, and cure of all diseases incident to cattle . . . Together with . . . methods for improving arable and pasture-lands: the management . . . of fruit-trees, plants and flowers . . . flax, hemp, saffron and licorish: with directions for encreasing and preserving of bees . . . the art of hawking, hunting, angling, and . . . ringing.** T. Norris: London, [c. 1715?]. pp. [3]-167, sm. 8vo.

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- 944     The cottage farmer: containing, plain instructions for the management and cultivation of land divided into suitable allotments, so as to be made beneficial alike to the labourer and the landlord. Dean & Munday: London, [c. 1832].  
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- 945     The golden farmer, being an attempt to unite the facts . . . of geology, chemistry, and botany, with practical operations of husbandmen, to enable them to grow more corn, and increase the employment of the labourer. J. Ridgway for E. J. Lance: London, 1831. pp. 84, [2], frontis., pls., 8vo.

- 946     The hop farmer; or, A complete account of hop culture, embracing its history, laws, & uses; a theoretical and practical inquiry into an improved method of culture . . . To which are added, several useful tables . . . serviceable to the growers . . . and consumers of hops. J. Ridgway, [etc.]: London, 1838. pp. xii, 212, pls., 8vo.

- 947     On the food of plants; in which is considered, -1. The sources from which plants derive the elements of their composition; 2. The mode in which farm-yard dung strengthens the growth of agricultural crops; 3. The mode in which other manures . . . act upon vegetation. To which is added, an essay on the drill husbandry of turnips, [etc.]. Ridgway: London, 1842.  
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949    The duty of a steward to his lord, represented under several plain and distinct articles . . . To which is added an appendix, . . . wherein are laid down general rules and directions for the management and improvement of a farm, [etc.]. J. Shuckburgh: London, 1727. pp. [iv], xv, 212, mp. frontis., 4to.  
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**1047** Cheese and cheese-making, butter and milk. With special reference to continental fancy cheeses. Chapman & Hall: London, 1896. pp. viii, 150, 8vo.
- Long, James and Morton, John Chalmers**  
**1048** The dairy. (*Morton's Handbooks of the Farm*, 7). 3rd ed., rev. and brought up to date. Vinton: London, 1892.  
 pp. vi, [ii], 148, illus., 8vo.
- Lorrain, Pierre de, i.e. Pierre Le Lorrain de Vallemont. see Le Lorrain de Vallemont, Pierre. 1002**
- Loudon, mrs. Jane, born Webb**  
 Useful and ornamental planting, with an index. [Sometimes attributed to mrs. Loudon]. 1832. *see* **Sinclair, George, 1580**  
*see* **Loudon, John Claudius. Cottage, farm and villa architecture and furniture. A new ed., by mrs. Loudon. [c. 1870]. 1050**

Loudon, John Claudius

- 1049 An account of the paper roofs used at Tew Lodge, Oxon; so decidedly preferable for churches, warehouses, and agricultural buildings, in point of economy, durability, and elegance. 2nd ed. J. Harding; Longman: London, 1811. pp.12, frontis., 8vo.
- 1050 Cottage, farm, and villa architecture and furniture. With analytical and critical remarks on the designs. A new ed., edited by Mrs. Loudon. F. Warne: London; Scribner, Welford & Armstrong: New York, [c. 1870]. pp. xxiv, 1317, illus., 8vo.
- 1051 An encyclopaedia of agriculture; comprising . . . the valuation, transfer, laying out, improvement, and management of landed property; and the cultivation and economy of the animal and vegetable productions of agriculture, [etc.]. Longman: London, 1825. pp. xvi, 1226, illus., 8vo.
- 1052 An immediate and effectual mode of raising the rental of the landed property of England; and rendering Great Britain independent of other nations for a supply of bread corn, [etc.]. By a Scotch farmer now farming in Middlesex [i.e. J. C. Loudon]. Longman: London, 1808. pp. 157, 8vo.
- 1053 Observations on laying out farms, in the Scotch style, adapted to England. Comprising an account of the introduction of the Berwickshire husbandry into Middlesex and Oxfordshire, [etc.]. J. Harding: London, 1812. pp. [iv], 9–16, [19]–105, frontis., pls., fol.  
42 plates are listed in the Table of contents: Nos. 15–15 and 35 are wanting; two different plates bear the number 39, and several are misbound.
- 1054 Self-instruction for young gardeners, foresters, bailiffs, land-stewards, and farmers; in arithmetic and book-keeping, geometry, mensuration, and practical trigonometry . . . With examples, showing their application to horticultural and agricultural purposes. With a memoir of the author [by Mrs. Loudon]. Longmans: London, 1845. pp. lii, 240, frontis., illus., 8vo.
- 1055 A treatise on the culture of wheat, recommending a system of management founded upon the successful experience of the author. By a practical farmer [i.e. J. C. Loudon]. J. Harding: London, 1812. pp. xx, 238, [2], 8vo.  
This book, on which Loudon's name does not appear, is not mentioned in the lists of Loudon's works in Mrs. Loudon's memoir, in his *Encyclopaedia of agriculture* or the D.N.B.; but internal evidence makes it virtually certain that it is by him.

**Loudon, John Claudius**

- 1056** The utility of agricultural knowledge to the sons of the landed proprietors of England, and to young men intended for estate agents: illustrated by what has taken place in Scotland. With an account of an institution formed for agricultural pupils in Oxfordshire. By a Scotch farmer, and land-agent, resident in that county [i.e. J. C. Loudon]. [etc.]. J. Harding: London, 1809. pp. 27, 8vo.

**Louis, D. A., *trsl.***

*see* **Wagner, Paul.** How are nitrogen and phosphoric acid to be obtained in the cheapest way? 1892. **1836**

**Lovat, E.**

- 1057** A sketch of the rural economy of the county of Lancaster, on subjects relative to the husbandry, with hints for its improvements. T. Rickard: Burnley, 1831. pp. 83, 8vo.

On p. 19 is a reference to a map, but no map is present in this copy.

**Lover of his Country**

An essay on ways and means for inclosing . . . Scotland. By a lover of his country [i.e. William Mackintosh]. 1729. *see* **Mackintosh, William.** **1103**

**Low, David**

- 1058** The breeds of the domestic animals of the British isles, described by David Low, and illustrated with plates . . . from a series of portraits from life . . . by W. Shiels. Longmans: London, 1842. 2 vol. [in 1], plts., fol.

Three additional illustrations inserted, of which one is an original water-colour of a heifer, signed and dated W. Pruyss, 1817.

- 1059** Elements of practical agriculture; comprehending the cultivation of plants, the husbandry of the domestic animals, and the economy of the farm. 2nd ed. Longman: London; A. & C. Black: Edinburgh, 1838. pp. xvi, 719, illus., 8vo.

- 1060** ——. 3rd ed. Longmans: London; A. & C. Black: Edinburgh, 1840. pp. xvi, 721, illus., 8vo.

- 1061** Observations on the present state of landed property, and on the prospects of the landholder and the farmer. A. Constable: Edinburgh; Hurst, Robinson: London, 1823. pp. viii, 126, [2], 8vo.

- 1062** On landed property, and the economy of estates: comprehending the relation of landlord and tenant, . . . farm buildings, enclosures, drains, [etc.]. Longmans: London, 1844. pp. xii, 680, illus., 8vo.

**Low, David**

- 1063** On the domesticated animals of the British islands: comprehending the . . . species and varieties, . . . external form; and . . . principles and practice of breeding. Longmans: London, [c. 1846]. pp. cxv, 767, frontis., illus., 8vo.  
Wanting the frontispiece and pp. [iii-iv].

**Lowe, Alexander**

- 1064** General view of the agriculture of the county of Berwick . . . [with an appendix by Arthur Bruce]. Drawn up for . . . the Board of agriculture [etc.]. B. Millan: London, 1794.  
pp. 156, plts. (incl. mp.), 8vo. (sm. 4to.)

**Lowe, Edward Joseph**

- 1065** A natural history of British grasses. 3rd ed. J. C. Nimmo: London, 1891. pp. viii, 245, frontis., plts., la. 8vo.

**Lowe, Joseph**

- 1066** The present state of England in regard to agriculture, trade, and finance; with a comparison of the prospects of England and France. Longman; J. Richardson: London, 1822.  
pp. [iv], [vii]-xxiv, 352, 150, 8vo.

**Lowe, Robert**

- 1067** General view of the agriculture of the county of Nottingham . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794.  
pp. 128, [2], plt. (mp.), illus., 8vo. (sm. 4to.)
- 1068** ——. [Another ed.]. G. Nicol: London, 1798.  
pp. xii, 192, mp. frontis., illus., 8vo.  
Mp. frontis. bound to face p. 1.
- 1069** ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.

**Luccock, John**

- 1070** The nature and properties of wool, illustrated: with a description of the English fleece. E. Baines; J. Heaton: Leeds; J. Harding: London, 1805. pp. [ii], ii, [3]-360, [2], plts., 8vo.  
The plates are folding tables.
- 1071** An essay on wool, containing a particular account of the English fleece. With hints for its improvement, addressed to the grower, dealer, and manufacturer. J. Harding: London, 1809. pp. [iv], [vi], [iv], [3]-360, plts., 8vo.  
A re-issue, with new title-page and preliminaries, of his *The nature and properties of wool*. The second sequence of pagination contains a preface (pp. i-ii), and table of contents (pp. iii-vi): the third sequence (pp. i-iv) contains the same table of contents in a different setting. Then follow the plates, which are folding tables, and which should be bound at pp. 148 and 338.

- Lundy, John James**
- 1072 Rinderpest, its prevention and cure; and Gypsum (or sulphate of lime), its advantages as a manure, deodoriser, and sanitary agent. W. P. Nimmo: Edinburgh; Simpkin, Marshall: London, 1865. pp. 20, 8vo.
- 1073 ——. [Another copy.]  
In ms. on title-page: Proof. This copy differs slightly in text and typography from 1072, but has the same imprint and collation.
- Lupton, J.**
- 1074 Hints on manures, together with sundry observations on husbandry, addressed to farmers; designed to make an improvement in agriculture. F. Hobson: Leeds; Whittaker, Treacher & Arnot: London, 1829. pp. [iv], 68, sm. 8vo.
- Lupton, James Irvine**  
An essay on the diseases and management of cattle, sheep, and pigs. in Miles, William J. Modern practical farriery. [1868?]. 1196  
*see* Walsh, John Henry. 'Stonehenge', *pseud. and* Lupton, James Irvine. The horse, in the stable and the field. 1861. 1856
- Lydgate, John**
- 1075 A lytell treatyse of the horse, the sheep, and the ghoos. Printed at Westminster by Wynkyn de Worde, about 1499. University Press: Cambridge, 1906.  
no pagination [pp. v + 24 collotype plts.], illus., la. 8vo.  
Facsimile of the copy from Bishop Moore's library in the University Library, Cambridge. 250 copies only printed.
- M., G.** *see* Markham, Gervase. 1129–36
- M., J., esq., F.R.S.**  
The whole art of husbandry. By J.M., esq., F.R.S. [i.e. John Mortimer]. 1707. *see* Mortimer, John. 1231
- McAlpine, Archibald N.**
- 1076 How to know grasses by the leaves. Preface by Robert Wallace. D. Douglas: Edinburgh, [1890]. pp. vi, 3–92, plts., sm. 8vo.  
*see* Stebler, Friedrich Gottlieb *and* Schröter, Carl. The best forage plants. Trsl. by A. N. McAlpine. 1889. 1664
- McBride, J. A.**
- 1077 Anatomical outlines of the horse. 2nd ed., rev. and enlarged, by T. Walton Mayer. Baily: Cirencester; Longmans: London, [1878]. pp. [iv], 231, frontis., plts., 8vo.
- M'Combie, William**
- 1078 Cattle and cattle-breeders. 2nd ed., rev. W. Blackwood: Edinburgh & London, 1869. pp. [viii], 135, 8vo.

**McConnell, Primrose**

- 1079 The agricultural depression. McCorquodale: London, 1887. pp. 27, 8vo.
- 1080 Agricultural education. McCorquodale: London, 1890. pp. 25, 8vo.
- 1081 The elements of farming. 2nd ed. (*Morton's Hand Books of the Farm*). Vinton: London, 1896. pp. vi, [ii], 149, 8vo.
- 1082 Note-book of agricultural facts & figures for farmers and farm students. C. Lockwood: London, 1883. pp. [xii], [x], 283, v, [xii], obl. sm. 8vo.  
The first 12 and the last 12 pages are ruled for the insertion of notes. 8 of the ruled pages contain notes, mainly in the handwriting of W. F. Perkins.

**MacCulloch, John**

- 1083 The Highlands and Western isles of Scotland, containing descriptions of their scenery and antiquities, . . . political history and ancient manners, and of the origin, language, agriculture . . . of the people, &c. &c. &c. founded on . . . journeys between . . . 1811 and 1821 . . . in letters to sir Walter Scott. Longman: London, 1824. 4 vol., 8vo.

**M'Derment, James**

- 1084 The farmer's assistant, or ready reckoner; and land, hay, and cattle measurer. 2nd ed., improved and greatly enlarged. J. Dick, [etc.]: Ayr, [etc.], 1839. pp. [v], 7-207, illus., 8vo.

**M'Donald, A.**

- 1085 An essay upon raising and dressing flax and hemp, and winning their seeds, &c. in all its branches, [etc.]. W. Creech: Edinburgh, 1784. pp. [ii], 69, 8vo.

**McDonald, Donald**

- 1086 Agricultural writers, from sir Walter of Henley to Arthur Young, 1200-1800. Reproductions in facsimile and extracts from their actual writings, enlarged and revised from articles which have appeared in *The Field*, from 1903 to 1907. To which is added an exhaustive bibliography. H. Cox, Field Office: London, 1908. pp. [viii], 228, illus., la. 8vo.  
At the back is a typed list by W. F. Perkins of 92 authors omitted from McDonald's bibliography.

**Macdonald, Duncan George Forbes**

- 1087 Cattle, sheep, and deer. Containing also remarks on the game laws and grouse moors. 3rd ed. Steel & Jones: London, 1872. pp. [iv], vii, 745, [ii], xci, [2], frontis., 8vo.
- 1088 Practical hints on farming and estate management. 2nd ed. [The author]: London, 1864. pp. x, [ii], 73, 8vo.

- Macdonald, Duncan George Forbes**
- 1089 What the farmers may do with the land; or, Practical hints for their and its improvement. 2nd ed. H. Adams: London, 1852. pp. 51, 8vo.
- Macdonald, James, *A.M.***
- 1090 General view of the agriculture of the Hebrides, or Western isles of Scotland . . . together with a separate account of the principal islands; comprehending their resources, fisheries, manufactures, manners, and agriculture. Drawn up under the direction of the Board of agriculture. A. Smellie: Edinburgh; for sir R. Phillips, [etc.]: London, [etc.], 1811. pp. vii, 824, pls. (incl. mps.), 8vo.  
The title-page is a cancel. Plates wanting.
- Macdonald, James, 1852–1913, and Sinclair, James**
- 1091 History of Hereford cattle. Vinton: London, 1886. pp. [viii], 380, frontis., pls., 8vo.
- 1092 History of polled Aberdeen or Angus cattle, giving an account of the origin, improvement, and characteristics of the breed. W. Blackwood: Edinburgh & London, 1882. pp. xiv, [ii], 459, pls., 8vo.
- Macdonald, James, 1852–1913, *ed.***  
*see* Stephens, Henry. The book of the farm. 4th ed., rev. by J. Macdonald. 3 vol. 1891. 1668
- McDougall Brothers**
- 1093 The bot or ox warble fly. Description and habits, with proof of the immense damage to cattle, their produce and hides. With practical suggestions for prevention and cure. Compiled by McDougall brothers. W. Kent: London, [1886]. cover-title, pp. 15, illus., 8vo.
- McDougall, Alexander**
- 1094 The cattle plague: its prevention and cure. Simpkin, Marshall: London; D. Kelly: Manchester, [c. 1865]. pp. [ii], 14, 8vo.
- 1095 On the preservation of the natural manures. A lecture, [etc.]. Whittaker: London; Kelly & Slater: Manchester, 1856. pp. 28, [4], 8vo.
- 1096 On the preservation of farm-yard and natural manures, and the health of stock. A lecture [etc.]. 2nd ed., rev. Simpkin Marshall: London; T. J. Day: Manchester, [c. 1873]. pp. 40, [8], 8vo.
- MacDowall, Robert Kennedy, *jt. author***  
*see* Long, Harold Cecil and MacDowall, Robert Kennedy. Some chemical methods of weed destruction. [1935]. 1041

- M'Evoy, John**  
 1097 Statistical survey of the county of Tyrone . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xix, 209, 95, plt. (mp.), illus., 8vo.
- Macfarlan, Duncan, *jt. author***  
*see Whyte, Andrew and Macfarlan, Duncan. General view of the agriculture of the county of Dumbarton. 1811. 1910*
- Macintosh, William, *of Borlum***  
*see Mackintosh, William. 1103*
- MacIvor, Ralph W. Emerson**  
 1098 The chemistry of agriculture. With appendices . . . by N. Taylor, . . . G. Gordon . . . [and] baron von Mueller. Stillwell: Melbourne, 1879. pp. xvi, 275, [4], 8vo.
- Mackenzie, *sir Francis Alexander, 5th bart., of Gairloch***  
 1099 Hints for the use of Highland tenants and cottagers. By a proprietor [i.e. *sir Francis Mackenzie*]. R. Carruthers: Inverness, 1838. pp. 275, frontis., plts., 8vo.  
 The English title-page followed by a Gaelic one. Text in English and Gaelic.
- Mackenzie, *sir George Steuart, 7th bart., of Coul***  
 1100 A general survey of the counties of Ross and Cromarty; drawn up for . . . the Board of agriculture. R. Phillips: London, 1810. pp. xi, 375, mp. frontis., illus., 8vo.
- 1101 A treatise on the diseases and management of sheep; with introductory remarks on their anatomical structure; and an appendix, containing documents exhibiting the value of the merino breed of sheep, and their progress in Scotland. J. Young: Inverness; for A. Constable: Edinburgh, 1809. pp. viii, [9]-180, plts., 8vo.  
 On title-page: To the Earl of Selkirk with kind and respectful Compts from *sir G. McK.*
- Mackie, William**  
 1102 Disquisitions on the influence of soil and climate, in improving the nourishing quality of vegetables. In which it is proved, I. That the quality of malt does not depend so much upon the weight of the barley as on the soil and climate in which it has been produced and, II. That malt of the growth of Scotland is much inferior to that of England, and other warmer climates, or more fertile soils. W. Creech: Edinburgh, 1786. pp. 34, 8vo.

**Mackintosh, William**

- 1103 An essay on ways and means for inclosing, fallowing, planting, &c. Scotland; and that in sixteen years at farthest. By a lover of his country [i.e. William Mackintosh]. Mr. Freebairn: Edinburgh; Mr. Millar: London, 1729. pp. lii, [iv], 355 [i.e. 335], plt., 8vo.  
The author's name is frequently given as Borland or Roland Mackintosh or Macintosh, but he was really William Mackintosh of Borlum; c.f. *Notes & Queries*, 7th ser. ii, 30, 1886.
- A treatise concerning the manner of fallowing of ground in Scotland. [Sometimes attributed to William Mackintosh]. 1724. see Maxwell, Robert. 1174.

**M'Nab, Robert**

- 1104 The North British cultivator: a treatise on gardening, agriculture, and botany. J. Dewar & T. Richardson: Perth, 1842. pp. viii [i.e. x], 400, 8vo.

**M'Neven, William James, *trsl.***

see Geissau, Anton Ferdinand von. Essay on the construction and use of a mine-auger. 1788. 670

**Maconochie, Allan, *lord Meadowbank***

- 1105 Directions for preparing manure from peat. Instructions for foresters. A. Constable; Manners & Miller: Edinburgh; Longman: London, 1815. pp. [iv], 98, 8vo.

**M'Parlan, James**

- 1106 Statistical survey of the County Leitrim . . . drawn up for . . . the Dublin Society. Graisberry & Campbell: Dublin, 1802. pp. 7, [8], 116, plt. (mp.), 8vo.
- 1107 Statistical survey of the county of Donegal . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xv, 127, plt. (mp.), 8vo.
- 1108 Statistical survey of the country of Mayo . . . drawn up . . . for . . . the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xvi, 168, plt. (mp.), illus., 8vo.
- 1109 Statistical survey of the county of Sligo . . . drawn up . . . for the Dublin society. Graisberry & Campbell: Dublin, 1802. pp. xix, 122, plt. (mp.), 8vo.

**Magistrate**

Spade cultivation, tried for ten years on an estate in Wiltshire. By a magistrate for the counties of Hants and Wilts [i.e. Richard Pollen]. 1850. see Pollen, Richard. 1360

**Magne, Jean Henri**

- 1110 How to choose a good milk cow; or, A description of all the marks by which the milking qualities of cows may be ascertained. [Translated from the French]. With a supplement, on the dairy cattle of Britain . . . by John Haxton. Blackie: Glasgow, [etc.], 1857.  
pp. [iv], iv, [5]-184, 4, frontis., pls., sm. 8vo.

**Main, James**

- 1111 Illustrations of vegetable physiology, practically applied, to the cultivation of the garden, the field, and the forest, [etc.]. W. Orr: London, 1853. pp. xiii, 328, illus., sm. 8vo.
- 1112 The young farmer's manual: showing the practice and principles of agriculture as applicable to turnip-land farms, in the south of England; with collateral observations, and remarks on agricultural cattle, plants, implements, &c. &c. Ridgway: London, 1839. pp. xi, 274, 8vo.

**Malcolm, Jacob, *jt. author***

*see Malcolm, William, and others.* General view of the agriculture of the county of Buckingham. 1794. *and* General view of the agriculture of the county of Surrey. 1794. 1114-5

**Malcolm, James**

- 1113 A compendium of modern husbandry, principally written during a survey of Surrey made at the desire of the Board of agriculture; illustrative also of the best practices in the neighbouring counties, Kent, Sussex, [etc.]. C. & R. Baldwin: London, 1805. 3 vol., 8vo.  
*see Malcolm, William, and others.* General view of the agriculture of the county of Buckingham. 1794. *and* General view of the agriculture of the county of Surrey. 1794. 1114-5

**Malcolm, William *and others***

- 1114 General view of the agriculture of the county of Buckingham . . . by messrs. William[, ] James and Jacob Malcolm. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 63, 8vo. (sm. 4to.)
- 1115 General view of the agriculture of the county of Surrey . . . By mr. William James and mr. Jacob Malcolm. Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 95, pls., 8vo. (sm. 4to.)

The incorrect wording of the title-page of the Surrey survey has led to the general attribution of this work to a none-existent author named William James, in collaboration with Jacob Malcolm. James Malcolm, in the preface to vol. 1 of *A compendium of modern husbandry* (1113), states explicitly that the survey of Surrey was by his father (William), his brother (Jacob) and himself. Lacking the first two pages of the preliminaries.

**Malden, Walter James**

- 1116 British sheep and shepherding. Macdonald & Martin: London, [1915]. pp. [viii], v, 239, pls., illus., 8vo.
- 1117 The conversion of arable land to pasture. (*Agricultural Series*). K. Paul: London, 1898. pp. viii, 190, 8vo.
- 1118 Farm buildings and economical agricultural appliances. (*Agricultural Series*). K. Paul: London, 1896. pp. 192, illus., 8vo.
- 1119 The potato in field and garden. W. A. May (Mark Lane Express): London, 1895. pp. xii, 217, pls., illus., 8vo.
- 1120 Rational pig keeping to ensure profit, [etc.]. (*Farm, Field and Fireside Series*, 1). W. A. May: London, [c. 1895]. pp. 132, pls., illus., 8vo.
- 1121 Sheep raising and shepherding: a handbook of sheep farming. L. U. Gill: London, 1899. pp. viii, 160, pls., illus., 8vo.
- 1122 Tillage. (*Bell's Agricultural Series*). G. Bell: London, 1891. pp. x, 156, illus., 8vo.
- 1123 Workman's technical instructor. (*Morton's Handbooks of the Farm*, 10). 2nd ed. Vinton: London, 1896. pp. [iv], 165, illus., 8vo.

**Management**

On the management of farm stock in health and disease, and more especially of dairy cows. By a Scottish tenant-farmer. 1866. *see* **Scottish Tenant-Farmer**, *pseud.* 1538

**Mangoldwurzeln, Jeremiah, pseud.**

- 1124 Farming: or, Tenants versus landlords, protection versus free trade, and common sense versus nonsense. W. Ridgway: London, 1879. pp. [iv], 31, illus., 8vo.

**Mansell, Alfred**

- 1125 The formation of pure-bred flocks and their subsequent management. W. Cooper: Berkhamsted, 1893. pp. [iv], 62, illus., 8vo.

**Mansell, Alfred, and co.**

- 1126 Annual circular, 1892-1893. Home, foreign, and colonial farm produce, quantity and value. Estimated value of live stock in the United Kingdom. A. Mansell: Shrewsbury, [1893]. cover-title, pp. 23, 8vo.

**Mantach, Alexander G. A.**

- 1127 Grain tables, shewing the weight of any number of quarters from 1 to 100 at the natural weights of 38 lbs. to 66½ lbs. per bushel, rising by ½ lbs. 2nd ed. J. Watson: Elgin, 1886. pp. [ii], 62, sm. 4to.

## Manure

Cheap manure produced by the newly discovered methods of burning clay. 2nd ed. 1822. *see Cheap manure . . . 328*

## Manwaring, George Ernest, *comp.*

Catalogue of the library of the Royal agricultural society of England. 1918. *see Royal Agricultural Society of England. 1500*

## Manwaring, H. M.

- 1128 A treatise on the cultivation and growth of hops, in the Kent style, [etc.]. The author: [Worcester]; Whittaker: London, 1855. pp. [vi], 56, frontis., 8vo.

The last gathering (pages 53–56) is tipped in at the back of the book: it contains data relating to the years 1855–64 and was evidently printed in 1864 or 1865.

## Markham, Gervase

- 1129 Cheape and good husbandry for the well-ordering of all beasts, and fowles, and for the generall cure of their diseases, [etc.]. 3rd ed. T. S. for R. Jackson: London, 1625. pp. [xxii], 179, illus., 8vo. (sm. 4to.)

S.T.C. 17338. Second leaf of the preliminaries (¶2) wanting. *followed by*

- 1130 Markhams farewell to husbandry; or, The inriching of all sorts of barren and sterile grounds in our kingdome, [etc.]. Newly reviewed, corrected and amended: together with many new additions, and cheape experiments. M.F. for R. Jackson: London, 1625. pp. [viii], 160, illus., 8vo. (sm. 4to.)

S.T.C. 17373.

- 1131 The English husbandman, drawne into two bookes, and each booke into two parts, [etc.]. Newlie reviewed, corrected, and enlarged. H. Taunton: London, 1635. pp. [vi], 227, [vi], 96, illus., 8vo. (sm. 4to.)

S.T.C. 17358. Pt. 2 has a separate title-page: *The second booke of the English husbandman. Contayning the ordring of the kitchin-garden, [etc.]. Whereunto is added a treatise, called Good mens recreation, [etc.]. By G. M. J. Norton for H. Taunton: London, 1635. Imperfect, B1–4 (pp. 1–8 of first arabic sequence) and pt. 3 (The pleasures of princes and Good mens recreation) are wanting.*

- 1132 The inrichment of the Weald of Kent: or, A direction to the husband-man, for the true ordering, manuring, and inriching of all the grounds within the wealds of Kent and Sussex, and may generally serve for all the grounds in England of that nature . . . Revised, enlarged, and corrected, [etc.]. N. Okes for J. Harison: London, 1631. pp. [iv], 24, 8vo. (sm. 4to.)

S.T.C. 17364.

**Markham, Gervase**

- 1133 [Markham's maister-peece: containing, all knowledge belonging to a smith, farrier, or horse-leach, . . . divided into two books . . . Now newly imprinted . . . and augmented, [etc.]. N. Okes, for R. Whitakers: London, 1625]. pp. [14], 565, plts., illus., 8vo. (sm. 4to.)

S.T.C. 17577a. Imperfect, wanting title-page and all before p. 1, pp. 519-520, 481-482 and 545-564, plts. facing p. 242 and at p. 565. Section Ll (pp. 515-528) wrongly paginated: several other pp. wrongly numbered. Title supplied from B.M. copy: imprint supplied from t.p. to Bk. 2, p. [229].

- 1134 —. Now the eighth time newly imprinted, corrected, and augmented, [etc.]. W. Wilson for G. Sawbridge: London, 1656. pp. [xvi], 591, [20], plt., illus., 8vo. (sm. 4to.)

Wing M 660. Wanting pp. [i-ii] of preliminaries (A1) and the plate. With additional engraved title-page facing the printed one.

- 1135 [The second booke of the English husbandman]. Contayning the ordering of the kitchin-garden . . . Whereunto is added a treatise, called Good mens recreation, [etc.]. T.S. for J. Browne: London, 1615. pp. [x], 205 [i.e. 105], 8vo. (sm. 4to.)

S.T.C. 17556a. Black Letter. Lacks pt. 2 (*Pleasures of princes, or Good mens recreation*). Part of title-page and of other preliminary leaves missing: words missing from t.p. supplied from B.M. copy.

- 1136 [A way to get wealth: containing six principall vocations . . . in which every good husband or house-wife may lawfully imploy themselves . . . The first five bookes gathered by G.M. [i.e. Gervase Markham]. The last by master W.L. [i.e. William Lawson]. The sixth time corrected and augmented by the authour. E.G. for J. Harison: London, 1638.]

6 pt., 8vo. (sm. 4to.)

S.T.C. 17597. General title-page and t.p. to *Cheape and good husbandry* wanting: title supplied from B.M. copy. Each part has its own t.p. and pagination. The parts are:

1. [Cheape and good husbandry. The sixth edition. 1631]. S.T.C. 17540.
2. Country contentments. The fifth edition. 1635. S.T.C. 17345.
3. The English house-wife. 1637. S.T.C. 17554.
4. The inrichment of the weald of Kent. 1636. S.T.C. 17365.
5. Markhams Farewell to husbandry. The fourth time revised. 1638. S.T.C. 17375.
6. A new orchard and garden. [By William Lawson]. 1638. (No separate S.T.C. no.)

Parts arranged 5, 2, 1, 4, 5, 6, as now bound.

**Marsh, John B.**

- 1137 Hops and hopping. Simpkin, Marshall: London; De Montfort Press: Leicester, 1892. pp. [xii], 81, [6], frontis., illus., 8vo.

With additional title-page in colour lithography.

**Marshall, T. W.**

Boundaries and fences in their legal aspect. *in* **Vernon**, Arthur. Estate fences: their choice, construction and cost. And a chapter on Boundaries and fences in their legal aspect, by T. W. Marshall. 1899. 1819

**Marshall, William**

- 1138 Experiments and observations concerning agriculture and the weather. J. Dodsley: London, 1779. pp. [xlvi], 205, [2], frontis., plt., 4to.
- 1139 General view of the agriculture of the Central Highlands of Scotland . . . Drawn up for . . . the Board of agriculture [etc.]. T. Wright: London, 1794. pp. 68, 8vo. (sm. 4to.)
- 1140 Minutes of agriculture, made on a farm of 300 acres of various soils, near Croydon, Surrey . . . published as a sketch of the actual business of a farm . . . and as an overture to scientific agriculture. J. Dodsley: London, 1778. pp. [512 unnumbered], [ii], 151, pls., 4to.
- 1141 Minutes, experiments, observations, and general remarks, on agriculture, in the southern counties; a new edition. To which is prefixed, A sketch of the vale of London, and an outline of its rural economy: now first published. G. Nicol, [etc.]: London, 1799. 2 vol., 8vo.
- 1142 On the landed property of England, an elementary and practical treatise; containing the purchase, the improvement, and the management of landed estates. G. & W. Nicol, [etc.]: London, 1804. pp. xx, 444, [8], illus., 4to.
- 1143 On the management of landed estates: a general work; for the use of professional men: being an abstract of the more enlarged Treatise on landed property, recently published. Longman: London, 1806. pp. xvi, 448, frontis., illus., 8vo.
- 1144 A review of the reports to the Board of agriculture; from the northern department of England: comprizing Northumberland, Durham, Cumberland, Westmoreland, Lancashire, Yorkshire; and the mountainous parts of Derbyshire, &c. T. Wilson: York; for Longman: London, 1808. pp. xlvii, 536, plt. (mp.), 8vo.  
Pages 14-15 of the preliminaries are numbered in arabic figures.
- 1145 A review of the reports to the Board of agriculture; from the western department of England: comprising Cheshire, Flintshire, Shropshire, Herefordshire, Worcestershire, Gloucestershire, north Wiltshire, north Somersetshire. T. Wilson: York; for Longman: London, 1810. pp. xxiii, 536, 8vo.

**Marshall, William**

- 1146 A review of the reports to the Board of agriculture; from the eastern department of England: comprising Lincolnshire, Norfolk, Suffolk, and northeast Essex; with the marshes and fens of Yorkshire, north Lincolnshire, south Lincolnshire, Northamptonshire, Huntingdonshire, Cambridgeshire, Norfolk, and Suffolk. T. Wilson: York; for J. Harding: London, 1811. pp. xii, 552, 8vo.
- 1147 A review (and complete abstract) of the reports to the Board of agriculture; from the midland department of England: comprising Staffordshire, Derbyshire, Nottinghamshire, Leicestershire, Rutlandshire, Warwickshire, Huntingdonshire, Northamptonshire, Oxfordshire, Buckinghamshire, Bedfordshire, and a principal part of Cambridgeshire. T. Wilson: York; Longman: London, 1815. pp. xi, 652, 8vo.
- 1148 A review (and complete abstract) of the reports to the Board of agriculture; from the southern and peninsular departments of England: comprising Hertfordshire, Berkshire, Middlesex, south Essex, south Wiltshire, southeast Somerset, Dorsetshire, Hampshire, Surrey, Kent, Sussex, Cornwall, Devonshire, west Somersetshire. T. Wilson: York; Longman: London, 1817. pp. ix [i.e. xi], 612, 8vo.
- The 5 preceding volumes, nos. 1144–8, form a series, published in the order in which they appear here.
- 1149 The rural economy of Gloucestershire; including its dairy: together with the dairy management of north Wiltshire; and the management of orchards and fruit liquor, in Herefordshire. 2nd ed. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.
- 1150 The rural economy of Norfolk: comprising the management of landed estates, and the present practice of husbandry in that county. 2nd ed. G. Nicol, [etc.]: London, 1795. 2 vol., 8vo.
- 1151 The rural economy of the midland counties; including the management of livestock, in Leicestershire and its environs: together with minutes on agriculture and planting in the district of the midland station. 2nd ed. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.
- 1152 The rural economy of the southern counties; comprising Kent, Surrey, Sussex; the Isle of Wight; the chalk hills of Wiltshire, Hampshire, &c.: and including the culture and management of hops, in the districts of Maidstone, Canterbury, and Farnham. G. Nicol, [etc.]: London, 1798. 2 vol., 8vo.
- 1153 The rural economy of the west of England: including Devonshire; and parts of Somersetshire, Dorsetshire, and Cornwall. Together with minutes in practice. G. Nicol, [etc.]: London, 1796. 2 vol., 8vo.

**Marshall, William**

- 1154 The rural economy of Yorkshire. Comprizing the management of landed estates, and the present practice of husbandry in the agricultural districts of that county. T. Cadell: London, 1788. 2 vol., 8vo.

see **Redhead**, William, *and others*. Observations on the different breeds of sheep. By messrs. Redhead, Laing, and Marshall. 1792. 1422

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**Martin, Alexander**

- 1155 General view of the agriculture of the county of Renfrew . . . Drawn up for the Board of agriculture [etc.]. C. Clark: London, 1794. pp. 22, plts., 8vo. (sm. 4to.)

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**Martin, Martin**

- 1156 A description of the Western islands of Scotland, [etc.]. 2nd ed., very much corrected. A. Bell, [etc.]: London, 1716. pp. xxxi, 392, plts. (incl. mp.), 8vo.

**Martin, William Charles Linnaeus**

- 1157 Cattle; their breeds, management, & diseases. To which is added, The dairy. Rev. and ed. by William & Hugh Raynbird. new ed. (*Books for the Country*). Routledge, Warne & Routledge: London [and] New York, 1862. pp. vii, 212, illus., sm. 8vo.

Incorporates two works by Martin previously published separately. The hog. The ox. Poultry. The sheep. *in* The **Farmer's library**. 2 vol. [1847-48]. 596

- 1158 The pig: how to choose, breed, feed, cut up, & cure. A new ed. entirely rev. and ed. by Samuel Sidney. (*Books for the Country*). G. Routledge: London [and] New York, [1857]. pp. viii, 136, frontis., plts., illus., sm. 8vo.

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- 1159 Sheep: our domestic breeds, & their treatment. (*Books for the Country*). new ed. G. Routledge: London [and] New York, 1858. pp. [iv], 132, frontis., plts., illus., sm. 8vo.

Sheep: domestic breeds and their treatment. new ed., by James Sinclair. [Based on the work of W. C. L. Martin]. 1896.

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**Martindale, Adam**

- 1160 The country survey-book: or, Land-meter's vade mecum, [etc.]. 8th ed. H. Meere for G. Sawbridge: London, 1711. pp. [xii], 156, plts., sm. 8vo.  
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**Martindale, John**

- 1161 The farmer's and gardener's guide to the analysis of soils and manures; and to the practical application of agricultural chemistry. J. Colling: Sunderland; Darton: London, [1849]. pp. xi [3]-157, frontis., 8vo.  
The frontis. takes the form of 2 plates facing one another and immediately preceding the title-page.

**Martineau, Harriet**

- 1162 Health, husbandry, and handicraft. Bradbury & Evans: London, 1861. pp. viii, 583, illus., 8vo.
- 1163 Two letters on cow-keeping, addressed to the governor of the Guiltcross union workhouse. 2nd ed. C. Gilpin, [etc.]: London, [etc., 1852]. pp. 20, 8vo.

**Martyn, Thomas, ed.**

*see* Miller, Philip. The gardener's and botanist's dictionary. 2 vol. [in 4]. 1807. 1197

**Mascall, Leonard**

- 1164 The country-mans new art of planting and grafting: directing the best way to make any ground good for a rich orchard, [etc.]. J. Bell: London, 1656. pp. [x], 70, [2], frontis., illus., 8vo. (sm. 4to.)  
Wing M 901.
- 1165 The government of cattell. Divided into three bookes, [etc.]. T.S. for R. Jackson. London, 1620. pp. [vi], 251, [2], 8vo. (sm. 4to.)  
S.T.C. 17586. The first and last gatherings (A and R) are of 5 leaves only: it seems likely that a leaf is missing in each case.

**Massee, George Edward**

- 1166 A text-book of plant diseases caused by cryptogamic parasites. Duckworth: London; Macmillan: New York, 1899. pp. xii, 458, illus., 8vo.

**Massey, W.**

- 1167 Potato diseases: how they are caused and how they may be prevented. W. H. Smith: Llandudno, [1922]. pp. [iv], 45, plt., 8vo.

**Masters, Maxwell Tylden**

- 1168 Life on the farm. Plant life. (*Handbooks of the Farm*, 5: gen. ed. J. C. Morton). Bradbury, Agnew: London, 1885. pp. viii, [ii], 142, 8vo.
- 1169 . . . . 2nd ed. Bradbury, Agnew: London, 1885. pp. viii, [ii], 142, 8vo.

**Mathews, J.**

- 1170 Remarks on the cause and progress of the scarcity and dearness of cattle, swine, cheese, &c. &c. and of the articles tallow candles and soap, [etc.]. M. Ritchie [etc.]: London; J. Davis: Bath, 1797. pp. xvi, 254, 8vo.

**Mavor, William Fordyce**

- 1171 General view of the agriculture of Berkshire. Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1809. pp. xi, 548, [4], mp. frontis., plts. (incl. maps.), 8vo. see **Tusser**, Thomas. Five hundred points of good husbandry. new ed. by W. Mavor. 1812. 1791

**Maxwell, George**

- 1172 General view of the agriculture of the county of Huntingdon . . . With an appendix; containing an account of the advantages to be derived from an improved outfal at the port of Lynn . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1795. pp. 47, 8vo. (sm. 4to.)

**Maxwell, Robert**

- 1173 The practical husbandman: being a collection of miscellaneous papers on husbandry, &c. C. Wright, [etc.]: Edinburgh, [etc.], 1757, pp. x, 452, [4], plt., 8vo.
- 1174 A treatise concerning the manner of fallowing of ground, raising of grass-seeds, and training of lint and hemp, for the increase and improvement of the linnen-manufactories in Scotland. Publish'd for the benefit of the farmers in that kingdom, by the honourable Society for improving in the knowledge of agriculture. [By R. Maxwell]. R. Fleming: Edinburgh, 1724. pp. 173, plts., 8vo.

Probably written or edited by Maxwell, but variously attributed to Richard Bradley and to William Mackintosh of Borlum. Maxwell was one of the earliest and most active members of the Society of Improvers (D.N.B.).

**Mayer, Thomas Walton, ed.**

see **McBride**, J. A. Anatomical outlines of the horse. 2nd ed. rev. and enlarged, by T. Walton Mayer. [1878]. 1077

**Mayhew, Edward**

- 1175 The horse's mouth, showing the age by the form of the teeth, &c. from nine months to thirty years old. Fores: London, [c. 1849]. 16 coloured plates, mounted on a sheet,  $19\frac{1}{2}$  ins.  $\times$   $15\frac{1}{2}$  ins. folding to  $5\frac{1}{4}$  ins.  $\times$   $4\frac{1}{4}$  ins.: in cloth case.  
An 8vo. ed., with text, which appears to have been issued contemporaneously, is in the British Museum.
- 1176 The illustrated horse management; containing descriptive remarks upon anatomy; medicine; shoeing; teeth; food; vices; stables; . . . points, [etc.]. W. H. Allen: London, 1864.  
pp. xvi, 612, frontis., illus., 8vo.

**Meadowbank, Allan Maconochie, lord.** *see* **Maconochie, Allan, lord Meadowbank.** 1105

**Meager, Leonard**

- 1177 The mystery of husbandry: or, Arable, pasture, and wood-land improved . . . To which is added, The countryman's almanack. W. Onley for H. Nelme: London, 1697.  
pp. [xii], 161, [6], plt., sm. 8vo. (12mo.)  
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**Mechi, John Joseph**

- 1178 Copy of a paper on the subject of British agriculture, read before the Society of arts, [etc.]. Longmans: London, 1850.  
pp. 31, 8vo.
- 1179 A second paper on British agriculture, with an account of his own operations at Tiptree Hall farm: read before the Society of arts, [etc.]. Longmans: London, 1851. pp. 44, 8vo.
- 1180 Mechi's Experience in drainage; to which are added his letters XVII, XVIII, XIX & XX; likewise his speech on . . . agriculture, delivered to the Wickham-Market farmers' club, . . . 1846. Longmans: London, 1847. pp. v, 48, 8vo.
- 1181 Mr. Mechi's Farm balance-sheets; also, his lectures and papers on farming since the publication of his former book. G. Routledge: London [and] New York, 1867.  
pp. [ii], vi, 146, 8vo.
- 1182 How to farm profitably; or, The sayings & doings of mr. alderman Mechi. A new ed., with additions. G. Routledge: London [and] New York, [c. 1867].  
pp. xxviii, 594, frontis., plts., 8vo.
- 1183 ——. [Another copy, a reprint, c. 1870].
- 1184 On the sewerage of towns as it affects British agriculture. Read before the Central farmers' club, London, . . . 1860. With a copious appendix. Jones & Causton: London, 1860.  
pp. vi, [8]-92, 8vo.

- Mechi, John Joseph**  
1185 A series of letters on agricultural improvement; with an appendix. Longmans: London, 1845.  
pp. [vi], 122, frontis., plts., illus., 4to.

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1186 An address to the agriculturists of the county of Bucks. Baynes & Harris: London, [1854]. pp. [ii], 9, 8vo.  
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**Mellis, John Charles, *jt. author***  
*see* **Robinson, Henry and Melliss, John Charles.** Purification of water-carried sewage. 1877. 1469

**Memoirs of agriculture and other allied arts.** By Robert Dossie. 1768–82. *see* **Dossie, Robert.** 516

- Menon, Louis François Henri de, *marquis de Turbilly***  
1187 A discourse on the cultivation of waste and barren lands. Translated from the French of the marquis de Turbilly, for the benefit of the farmers of Great Britain and Ireland, where these uncultivated lands too much abound. Part 1. R. & J. Dodsley: London, 1762. pp. [ii], xv, 111, frontis., 8vo.

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1188 The second report of the Merino society. Evans & Ruffy, for the Society: London, 1812. pp. 161, 8vo.

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A new method of improving cold, wet, and barren lands: particularly clayey-grounds. [By A. Blackwell]. 1741. *see* **Blackwell, Alexander.** 172

- Middleton, John**  
1189 View of the agriculture of Middlesex, with . . . several essays on agriculture in general. Drawn up for . . . the Board of agriculture. Accompanied by the remarks of several respectable gentlemen and farmers. G. Nicol [etc.]: London, [etc.], 1798.  
pp. xvii, [2], 597, mp. frontis., plts. (incl. mp.), illus., 8vo.  
1190 ——. 2nd ed. G. & W. Nicol, [etc.]: London, [etc.], 1807.  
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1191 ——. 2nd ed. [Another issue]. Sherwood, Neely & Jones: London, 1815. pp. xvi, 704, mp. frontis., plt., illus., 8vo.  
Map frontis. bound to face p. 1.

**Middleton, sir Thomas Hudson**

Reports on experiments with crops and stock conducted by the agricultural department of the Durham College of science, Newcastle-on-Tyne, 1900 (01). *in Northumberland*—County Council—*Technical Education Sub-Committee*. Reports [on agricultural experiments, 1892–1901]. 1895–1902. 1280

*see Aberystwyth*—University College of Wales—*Agricultural Department*. Annual report on field experiments. By J. A. Murray and T. H. Middleton. [1899]. 3

*For reports by T. H. Middleton on the work of the Cambridge University Department of Agriculture, see Cambridge*—University—*Department of Agriculture*. 302–6

**Mid-Lothian**

Abridged report on the state of agriculture in Mid-Lothian. 1795. *see Abridged report* . . . 7

**Mid-Lothian Farmer**

British agriculture, as illustrated by the accounts of a Mid-Lothian farmer. 1857. *see Bailey, William, jun., and co., Edinburgh*. 88

**Milburn, Matthew M.**

1192 The cow: dairy husbandry and cattle breeding. (*Richardson's Rural Handbooks*). new ed. W. S. Orr: London; J. McGlashan: Dublin, [1852]. pp. viii, [9]–136, frontis., illus., sm. 8vo.

1193 ——. [Another ed.]. new ed. Houlston & Wright: London, [c. 1865]. pp. viii, [9]–136, frontis., illus., sm. 8vo.

1194 Report on experiments with guano, to which the prize of the Yorkshire agricultural society was awarded. Extracted from the Society's transactions. [etc.]. Simpkin & Marshall, [etc.]: London, [etc.], 1845. pp. 17, 8vo.

1195 The sheep and shepherding: embracing the history, varieties, rearing, feeding, and general management of sheep; and including Australian sheep-farming, the Spanish and Saxon merinos, &c. W. S. Orr: London; J. McGlashan: Dublin, [1855?]. pp. vii, [9]–124, frontis., illus., sm. 8vo.

*see Richardson, H. D.* The horse. 1852 *and* The pests of the farm. 1852. new eds. by M. M. Milburn. 1440–1

**Miles, William J.**

1196 Modern practical farriery; a complete guide to all that relates to the horse . . . Forming a complete system of the veterinary art, as at present practised at the Royal veterinary college, London. To which is added An essay on the diseases and management of cattle, sheep, and pigs, by J. I. Lupton. W. Mackenzie: London, [etc.], [1868?].

pp. 556, 96, vii, iv, frontis., pls., la. 4to.

With an additional title-page, partly in colour lithography.

**Miller, John**, *formerly* Johann Sebastian Mueller

A general dictionary of husbandry, planting, [etc. Sometimes attributed to J. Miller.]. 2 vol. 1779. *see* **General** dictionary . . . 671

**Miller, Philip**

1197 The gardener's and botanist's dictionary; containing the best . . . methods of cultivating . . . the . . . garden, . . . of performing the practical parts of agriculture . . . To which are now first added, a complete enumeration and description of all plants . . . The whole corrected and newly arranged . . . by Thomas Martyn. F. C. & J. Rivington, [etc.]: London, 1807. 2 vol. [in 4], fol.

1198 The abridgement of the Gardeners dictionary [etc.]. 6th ed., corrected and much enlarged. F. & J. Rivington, [etc.]: London, 1771. no pagination [pp. 927], frontis., pls., 4to.  
*see* **Duhamel du Monceau**, Henri Louis. The elements of agriculture. Trsl. . . and rev. by P. Miller. 2 vol. 1764. 534

**Mills, John**

1199 An essay on the weather; with remarks on the Shepherd of Banbury's rules for judging of it's [*sic*] changes; and directions for preserving lives and buildings from the fatal effects of lightening. Intended chiefly for the use of husbandmen. 2nd ed., improved. S. Hooper: London, 1773. pp. xv, 127, viii, 8vo.

1200 A new and complete system of practical husbandry; containing all that experience has proved to be most useful in farming, either in the old or new method; with a comparative view of both, [etc.]. R. Baldwin, [etc.]: London, 1762-67. 5 vol., 8vo.  
*see* **Duhamel du Monceau**, Henri Louis. A practical treatise of husbandry. [Trsl. and ed. by J. Mills]. 2nd ed. 1762. 535  
*see* **Gyllenborg**, Gustaf Adolf, *count*. The natural and chemical elements of agriculture. Trsl. from the Latin . . . by J. Mills. 1770. 730

**Milne, David**, *afterwards* Milne-Home

1201 Observations on the probable cause of the failure of the potato crop in the years 1845 and 1846. W. Blackwood: Edinburgh & London, 1847. pp. [iv], 53, plt., 8vo.

1202 Report of a visit to the farms of mr. Rigden, Sussex; rev. mr. Huxtable, Dorset; and mr. Morton, Gloucestershire. With remarks on agricultural improvement. Read to a meeting of the East of Berwickshire farmers' club, [etc.]. Warder Office: Berwick-upon-Tweed; W. Blackwood: Edinburgh and London, 1850. pp. 80, 8vo.

**Milne, John, and sons**

- 1203 The British farmer's plant portfolio. Specimens of the principal British grasses, forage plants and weeds, with full descriptions. By John Milne & sons, Montrose, N.B. 3rd ed. Simpkin, Marshall: London, 1896.  
pp. xi, [56 pp. of mounted specimens], fol.

**Ministry of Agriculture and Fisheries**

Chronological list of early agricultural works in the library of the Ministry of agriculture and fisheries. 1930. *see* **Fussell**, George Edwin. 649-50

- 1204 Collected leaflets on diseases of animals. (*Sectional Volume*, 5). 3rd ed. H.M.S.O.: London, 1926. pp. [vi], 110, pls., illus., 8vo.

- 1205 Collected leaflets on insect pests of fruit trees. (*Sectional Volume*, 2). 5th ed. H.M.S.O.: London, 1928.  
pp. 107, pls., illus., 8vo.

- 1206 The planning of poultry houses. (*Miscellaneous Publications*, 47). H.M.S.O.: London, 1925. pp. vi, 3-24, vii-x, pls., 8vo.

The plates are in a pocket at the end of the pamphlet.

Research and the land: an account of recent progress in agricultural and horticultural science in the United Kingdom. By V. E. Wilkins. 1926. *see* **Wilkins**, Victor Ernest. 1914

Bulletins:

41. Long, H. C. Weeds of grass land. 1938. 1039

75. Long, H. C. Poisonous plants on the farm. 1938. 1036

108. Long, H. C. Weeds of arable land. 1938. 1038

*see also* **Board of Agriculture and Fisheries**

**Mirehouse, H. J.**

- 1207 Sugar-beet growing in England, as a profitable crop. Taylor & Hawkins, Times & Mirror Office: Bristol, 1891.

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- 1208 **Miscellaneous dissertations** on rural subjects. G. Robinson: London, 1775. pp. xvi, 431, pls., 8vo.

Sometimes attributed to Francis Forbes.

- 1209 **Miscellaneous pieces**. Consisting of select poetry, and methods of improvement in husbandry, gardening, and various other subjects, useful to families. 3rd ed. R. Goadby: Sherborne; W. Owen: London, 1752-[55]. pp. 474, [8], [2], frontis., 8vo.

Issued in parts at approximately fortnightly intervals. 2 vol. in 1, with continuous pagination. Wanting frontis., title-page to vol. 2 (which should follow p. 264), pp. 473-4 and the final unnumbered leaf.

**Mr. Huxtable** and his pigs. By Porcius. 1850. *see* **Porcius**, *pseud.* 1365

**Mitchell, G. S.**

- 1210 A handbook of land drainage. Principally based upon the requirements of the syllabus issued by the Surveyors' institution. 5rd ed. Land Agents' Record: London, [c. 1910]. pp. [vi], 118, illus., 8vo.  
Pages 109–115 contain a bibliography of land drainage.

**Mitchell, George**

- 1211 The skeleton at the plough, or, The poor farm labourers of the West, with the autobiography and reminiscences of George Mitchell, One from the plough. Edited by Stephen Price. G. Potter: London, [c. 1875]. pp. [vi], 158, 8vo.

**Mitchell, James**

- 1212 Dendrologia; or, A treatise of forest trees: with Evelyn's Silva, revised, corrected and abridged by a professional planter, and collector of practical notes forty years, [etc.]. R. Aked, [etc.]: Keighley, [etc], 1827. pp. [ii], 280, plts., illus., 8vo.
- 1213 Sketches on agriculture; or, Farmer's remembrancer, alphabetically arranged, [etc.]. Baldwin & Cradock: London; J. Heaton: Leeds, 1828. pp. xv, 355, plts., 8vo.

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- 1214 Mockett's journal. A collection of interesting matters, relating to remarkable personages, ancient buildings, manners and customs, &c., . . . with observations on agriculture (the result of forty years' experience); and the prices of corn, cattle, and labour, for many hundred years, [etc.]. Kentish Observer: Canterbury, 1836. pp. xvi, 328, 8vo.

**Modern bee-keeping.** [Prepared by F. R. Cheshire for the British bee-keepers' association]. 2nd ed. 1881. *see* **British Bee-Keepers' Association.** 226

- 1215 The **Modern farmers'** guide. A new system of husbandry, from long experience in several kingdoms . . . To which is prefixed, an abstract of the author's life and travels. By a real farmer. J. Reid: Edinburgh, 1768. 2 vol., 8vo.
- 1216 The **Modern improvements** in agriculture. Containing the principles of tillage and vegetation, and present practice . . . in the culture of corn and pulse, . . . grasses, plants and roots for feeding cattle, [etc.]. Part 1. By a practiser of both the old and new husbandry. J. Wilkie: London, 1774.  
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- Monceau, Henri Louis Duhamel du.** *see* **Duhamel du Monceau, Henri Louis.** 534–5
- Mongredien, Augustus**
- 1217 Report on the potato crop in Ireland, for the year 1850. [C. Skipper & East: London, 1850]. pp. 16, 8vo.
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- 1397 Profitable clay farming under a just system of tenant right. 3rd ed. E. Stanford: London, 1881. pp. 100, plts., 8vo.

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- 1402 On the source and supply of cubic saltpetre, salitre, or nitrate of soda, and its use in small quantities as a restorative to corn crops. 2nd ed. W. Clowes: London, 1853. pp. 22, [2], illus., 8vo.  
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- 1406 General view of the agriculture of the Isle of Man . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 40, plt. (mp.), 8vo. (sm. 4to.)

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- R.S.**  
Proposals and inducements . . . [Signed R.S.]. 1726. *see S., R. 1518*
- Radcliff, Thomas**
- 1409 A report of the agriculture and live stock of the county of Wicklow, prepared under the directions of the Farming society of Ireland. Graisberry & Campbell: Dublin, 1812. pp. xiv, [iv], 374, mp. frontis., plt., 8vo.  
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- Raley, William**
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- 1412 History of the Highland and agricultural society of Scotland, with notices of anterior societies for the promotion of agriculture in Scotland. W. Blackwood: Edinburgh & London, 1879. pp. vii, 592, 8vo.
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- 1413 The semi-Virgilian husbandry, deduced from various experiments: or, An essay towards a new course of national farming, formed from the defects, losses, and disappointments, of the old and new husbandry, [etc.]. B. Law, [etc.]: London, 1764. pp. lxiii, 356, 11, plts., 8vo.
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- 1414 The implements of agriculture. J. Ridgway: London, 1843. pp. xi, 276, illus., la. 8vo.
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- 1415 The art of taming horses. With additional chapters on horsemanship and hunting. 14th ed. Routledge: London, [etc.], 1893. pp. v, 236, frontis., plts., illus., sm. 8vo.

- 1416 The **Rational** farmer, and practical husbandman. Containing, remarks on the principles of vegetation . . . To which is added, The British herbal, [etc.]. Sold by the booksellers of London and Westminster: London, 1745.

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- 1418 The new husbandry, or, A complete code of modern agriculture, [etc.]. 2nd ed. Longmans: London, 1849. pp. xiv, [15]–395, illus., 8vo.

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- 1420 On the agriculture of Suffolk. Including the report to which the prize was awarded by the Royal agricultural society of England. Longman, [etc.]: London, [etc.], 1849. pp. vii, 324, mp. frontis., illus., 8vo.

- 1421 Specimens of natural grasses, collected in the neighbourhood of Bury St. Edmund's, with their botanical and agricultural character. A. Cole: Bury St. Edmunds, 1846. no pagination [45 leaves], fol.

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*see* **Martin, William Charles Linnaeus**. Cattle [and] The dairy. Rev. and ed. by W. & H. Raynbird. new ed. 1862. 1157

*see* **Rham, William Lewis**. The dictionary of the farm. Rev. and re-edited by W. & H. Raynbird. new ed. 1858. 1432

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The modern farmers' guide. By a real farmer. 2 vol. 1768.  
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**The Reason why**, author of. *see* **Philp, Robert Kemp. 1339**

**Recreations** in agriculture, natural-history, arts and miscellaneous literature. 6 vol. 1799–1802. *see* **Anderson, James. 54**

### **Redhead, William and others**

- 1422 Observations on the different breeds of sheep, and the state of sheep farming in some of the principal counties of England. Drawn up from a report transmitted to sir John Sinclair, baronet, chairman of the Society for the improvement of British wool. By messrs. Redhead, Laing, and Marshall, [etc.]. W. Smellie, [etc.]: Edinburgh, [etc.], 1792. pp. 7, xviii, 99, 8vo.  
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- 1423 A lecture on chemical aids to agriculture, delivered to . . . the Cowbridge farmers' club [etc.]. J. E. Taylor: London, 1865. pp. 51, 8vo.  
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- 1424 The art of farriery both in theory and practice, containing the causes, symptoms, and cure of all diseases incident to horses, . . . rev., corrected, and enlarged by a physician . . . 2nd ed. B. Collins: Salisbury; J. Newbery; S. Crowder: London, 1765. pp. [viii], 408, plts., 8vo.

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- 1425 Sheep; their history, management, diseases, and national value: with remarks on the transit of stock. W. P. Nimmo; A. Elliott: Edinburgh, [1871]. pp. viii, 146, illus., 8vo.

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**Rennie, James**

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- 1429 The graziers' ready reckoner; or, A useful guide for buying & selling cattle: being a complete set of tables, [etc.]. 4th ed. H. D. Symonds: London, [1804]. pp. 39, frontis., sm. 8vo.

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*In addition to works by Richardson, the following form part of the series:*

Donald, J. Land drainage. [1852]. 496

Donaldson, J. Soils and manures. [c. 1852]. 511

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- 1443 Theoretic hints on an improved practice of brewing malt-liquors; including some strictures on the nature and properties of water, malt, and hops, [etc.]. 2nd ed., corrected. G. Robinson, [etc.]: London, [etc.], 1777. pp. [iv], 74, 8vo.

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- Smith, J.**
- 1612 Profit and pleasure united, or, The husbandman's magazine. Being a most exact treatise of horses . . . cows, calves, sheep, swine, goats, and all other domestick cattle . . . To which is added, The art of angling, hunting, hawking, and the noble recreation of ringing. And making fireworks. By J.S. [i.e. J. Smith]. S. Lee; A. Thorncome: London, 1684. pp. [iv], 210, plts., sm. 8vo. (12mo.)  
 Wing S 4095. T.C.III 441. Sometimes attributed to John Smith, author of *England's improvement reviv'd* (no. 1614): but there seems no adequate reason for this attribution, and the two books are utterly dissimilar in style and content.
- Smith, James, 1789–1850**
- 1613 Remarks on thorough draining and deep ploughing. Extracted from the third report of Drummonds' agricultural museum. W. Drummond: Stirling, 1837. pp. 25, plts., 8vo.

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- 1614 England's improvement reviv'd: in a treatise of all manner of husbandry & trade by land and sea, [etc.]. B. Southwood; I. Harrison: London, 1673. pp. [xiv], 270, 8vo. (sm. 4to.)  
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- Smith, John, 1757–1842, M.P., of Dale Park, Sussex**  
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- 1618 Productive farming; or, A familiar digest of the recent discoveries of Liebeg, Davy, and other celebrated writers on vegetable chemistry; showing how the results of English tillage might be greatly augmented. W. Tait, [etc.]: Edinburgh, [etc.], 1843. pp. viii, 172, sm. 8vo.
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- 1619 The universal directory for taking alive and destroying rats, and all other kinds of four-footed and winged vermin, in a method hitherto unattempted, [etc.]. The author: London, 1768. pp. iv, [iii], vii, 218, pls., 8vo.  
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- Smith, Robert, 1752–1838, 1st baron Carrington**  
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- Smith, Robert Angus**
- 1620 A study of peat. Part 1. Taylor & Francis: London, 1876. cover-title, pp. [281]–345, 8vo.  
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- Smith, Samuel, died c. 1842, minister of Borgue**
- 1621 General view of the agriculture of Galloway, . . . viz. the Stewartry of Kirkcudbright, and Wigtonshire . . . Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1810. pp. [ii], 3 [i.e. 4], [v]-xiv, 388, pls. (incl. mp.), 8vo.
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- 1623 Lois Weedon husbandry. By the author of A word in season to the farmer [i.e. Samuel Smith]. J. Ridgway: London, 1856. pp. 118, sm. 8vo.
- 1624 A word in season; or, How the corn-grower may yet grow rich, and his labourer happy . . . [By Samuel Smith]. 9th ed., rev. and greatly enlarged, [etc.]. J. Ridgway: London, 1852. pp. vii, [9]-46, illus., 8vo.
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- Smith, William, 1769-1859, geologist**
- 1625 Observations on the utility, form and management of water meadows, and the draining and irrigating of peat bogs, with an account of Prislely bog, and other extraordinary improvements conducted for . . . the duke of Bedford, Thomas William Coke, and others. R. M. Bacon: Norwich; Longman: London, 1806. pp. [iv], xviii, [19]-121, pls., 8vo.
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A treatise concerning the manner of fallowing of ground . . . in Scotland. Publish'd . . . by the honourable Society for improving in the knowledge of agriculture. 1724. *see* Maxwell, Robert. 1174

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- Agricultural chemistry; or, Chemistry applied to . . . agriculture. 1849. *see* Agricultural chemistry . . . 18
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- 1632 ——. [Another ed.]. S.P.C.K.: London, 1851. pp. xii, 371, frontis., illus., sm. 8vo.  
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**Varlo, Charles**

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- 1845 Farm live stock of Great Britain. Oliver & Boyd: Edinburgh; Simpkin, Marshall: London, 1885. pp. 184, 8vo.
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- 1847 Farming industries of Cape colony. P. S. King: London; J. C. Juta: Capetown, [etc.], 1896.  
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- 1848 Lectures and papers. [n.p.], 1897. pagination various, 8vo.

A volume of 24 pamphlets, with a typewritten contents-page, in a publisher's casing. In the present copy pamphlet no. 14 is lacking and no. 15 occurs twice. With author's autograph dedication to T. H. Middleton, 6th April, 1902.

*Contents:*

1. Agricultural education in its various aspects. (Inaugural address, Edinburgh, 1885.)
2. Opening address to the class of agriculture, 1888.
3. Rural-school education in agriculture (Scotland). [1888.]
4. Education in agriculture. (From the *National Review*, April 1888.)
5. Introductory lecture on some interesting features of Australasian agriculture, 1889.
6. Introductory lecture on American cattle and the American export trade in beef and live cattle to Great Britain, 1890.
7. Introductory lecture on education, experimentation, and emigration in the United States of America, 1890.
8. The natural and artificial food of Scotch hill sheep. By Robert Wallace and Edward Kinch. (From the *Transactions of the Highland and agricultural society of Scotland*, 4th ser. vol. 16, 1884.)
9. Ceylon in the Jubilee year. 1888.
10. Lecture on Indian agriculture & foreign competition. (*Renfrewshire agricultural society*.) 1888.
11. On the colour of the skin of men and animals in India. (From the *Proceedings of the Royal society of Edinburgh*, vol. 15, 1887-88.)
12. Agricultural and dairy schools; being a review of the reports of the Agricultural and dairy schools commission. 1888.
13. Allotments and small farms. (From the *Glasgow Herald*, 21st February 1889.)
14. A central normal school of agriculture. (From *The Times*, 23rd August 1890.) [not present, but cf. his *Lectures and papers*. 1905. no. 25].
15. A central normal school of agriculture. Letter in reply to Mr. Thomas Bell. (From *The Times*, 25th September 1890.)
16. A review of a specimen of the work of the agricultural department of Madras. Being a criticism of a pamphlet written by Mr. C. Benson. 1889.
17. Trade prospects in the United States. (From the *Glasgow Herald*, 20th August 1890.)

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1848 Lectures and papers. 1897

*Contents [cont.]*

18. Opening lecture to the fourth special class for rural school-masters on the means for agricultural education in Scotland, 1891.
19. Opening address on Egyptian agriculture. 1891.
20. A few interesting features of the agricultural situation. A paper read in section F (Economics) of the British association Edinburgh meeting, 1892.
21. Australasian agriculture. (From the *Journal of the Royal colonial institute*, no. 4, session 1892-95.)
22. Special report on the agricultural resources of Canada. 1894.
23. Tuberculosis in cattle. (From *The Times*, 14th November 1895.)
24. Key to W. & A. K. Johnston's series of agricultural diagrams. [1892.]

1849 [Lectures and papers. n.p., 1903]. pagination various, 8vo.

This volume has a printed contents-list (3 pp.) headed: *Contents of bound 8vo pamphlets (1903) and references to published papers and letters by Robert Wallace*. In this list, references are not distinguished from titles of pamphlets included in the volume: the pamphlets are numbered according to the list, and the volume contains the 30 items listed below, out of 54 appearing in the list. From comparison with other copies, it appears that this copy is not defective but is in the original state.

*Contents: [Those items appearing also in the preceding volume are indicated thus: 9.=1897, no. 9]*

- 9.=1897, no. 9.
- 10.=1897, no. 10.
- 12.=1897, no. 2.
- 16.=1897, no. 5.
- 17.=1897, no. 6.
- 18.=1897, no. 7.
- 19.=1897, no. 12.
- 21.=1897, no. 13.
- 22.=1897, no. 16, but this copy has in pencil on t.-p.: *Proof afterwards modified*. It contains a number of passages of a vituperative nature which have been excised or altered in the copy in the 1897 volume: the latter copy also contains an additional paragraph (on p. 13) which does not occur in the copy in the 1903 volume.
- 23.=1897, no. 14.
- 24.=1897, no. 15.
- 25.=1897, no. 17.
- 26.=1897, no. 18.
- 28.=1897, no. 19.
- 29.=1897, no. 20.
- 32.=1897, no. 22.
33. Incorporated Edinburgh School of Agricultural Science. Prospectus and syllabus, session 1894-95.
- 34.=1897, no. 23.
39. An address on agriculture as an educational subject, 1899.

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- 1849 Lectures and papers. 1903  
*Contents [cont.]*
41. Lecture and articles on irrigation in India, America, Egypt and Australia, 1898.
  42. A letter on African horse sickness, reprinted from *The Times* of 29th November 1899.
  43. Nature knowledge teaching introduced by the Scotch code of 1899. [1900.]
  45. Scab in sheep: suggestions for its eradication. (From the *Transactions of the Highland and agricultural society of Scotland*, 5th ser. vol. 12, 1900.) 1900.
  47. Agricultural education in Cheshire. 1900.
  48. The Garton lectures on colonial and Indian agriculture in Edinburgh university. (From the *Imperial and Asiatic quarterly review*, 1900.)
  49. Letter on the creamery system of Ireland to *The Times* of November 30, 1900.
  50. Lecture on famine in India. (Inaugural address, Garton lectures, 1900.)
  51. Agriculture in South Africa. (From the *Proceedings of the Royal colonial institute*, 1901.)
  52. Revised record of students who studied in the Edinburgh university department of agriculture between the years 1885-86-1901-02 (inclusive), 1905.
  54. [List of] Memoranda, chiefly by professor Wallace, collected 1905, and bound in a folio volume. [cf. no. 1850].
- 1850 Memoranda [on agricultural education] chiefly by professor Wallace. Collected 1905. [n.p., 1905]. pagination various, fol.  
A collection of 46 brief memoranda, with a printed contents sheet. The original memoranda and pamphlets were issued at various dates from 1885 to 1905.
- 1851 Opening address to the class of agriculture and rural economy . . . 1888. Oliver & Boyd: Edinburgh, [1888]. pp. 20, 8vo.  
Also in his *Lectures and papers*. 1897 (no. 2) and his *Lectures and papers*. 1905 (no. 12).

Wallace, S. Williamson

- 1852 Inaugural address to the agriculture class [etc.]. Darien Press: Edinburgh, 1888. pp. 16, 8vo.

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- 1853 Hints on the breeding and rearing of farm animals. Turnbull & Spears: Edinburgh, [1887]. pp. [iv], 68, 8vo.

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- 1854 The farrier's and horseman's complete dictionary, [etc.]. 3rd ed. J. Beecroft, [etc.]: London; T. Baker: Southampton, 1775. pp. vi, [336 unnumbered], 8vo.

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1855 The dog in health and disease. Comprising the various modes of breaking and using him for hunting, coursing, shooting, etc., and including the points or characteristics of toy dogs. 2nd ed. Longmans: London, 1872. pp. xvi, 470, frontis., illus., 8vo.

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1856 The horse, in the stable and the field: his varieties, management in health and disease, anatomy, physiology, etc., etc. Routledge: London [and] New York, 1861. pp. x, 622, frontis., illus., 8vo.

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1857 Walter of Henley's Husbandry, together with an anonymous Husbandry, Seneschaucie, and Robert Grosseteste's Rules. The transcripts, translations, and glossary by Elizabeth Lamond. With an introduction by W. Cunningham. Longmans: London and New York, 1890. pp. xlv, 171, 4to.  
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1858 An historical and descriptive account of the Peruvian sheep, called Carneros de la tierra . . . of the experiments made by the Spaniards to improve the respective breeds, . . . [and] of a successful attempt to domesticate the Vicuna in England, and a recommendation of this species to cross with our native flocks. J. Harding: London, 1811. pp. iv, [iii]–vi, [7]–183, plts., 8vo.

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- 1864 Lectures on some of the physical properties of soil. Clarendon Press: Oxford, 1900. pp. xv, 231, frontis., illus., 8vo.
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- 1866 *Antiquitates culinariae; or, Curious tracts relating to the culinary affairs of the old English, with a preliminary discourse, notes, and illustrations.* R. Blamire: London, 1791.  
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- 1867 Extracts from ancient and modern writers on the flax crop, selected and arranged by John Warnes, jun. Published for . . . the National flax and agricultural improvement association. Edwards & Hughes: London; Matchett, Stevenson & Matchett: Norwich, 1844. pp. 59, 8vo.
- 1868 On the cultivation of flax; the fattening of cattle with native produce; box-feeding; and summer-grazing. W. Clowes: London, 1846. pp. xv, 321, plts., illus., 8vo.
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- 1870 Treatise on alkali as a manure, shewing its cheapness and efficiency for increasing the productiveness of the soil. G. Philip: Liverpool; Machen: Dublin, 1843. pp. 48, 8vo.

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- 1871 The best breeds of British stock: a practical guide for farmers and owners of live stock in England and the colonies. By professor Sheldon [and others]. Ed. by J. Watson. W. Thacker: London [and] Calcutta, 1898. pp. vi, [ii], 130, frontis., 8vo.
- 1872 Farm vermin, helpful and hurtful. By various writers. Ed. by J. Watson. (*Rider's Technical Handbooks*, 5). W. Rider: London [and] New York, [1894]. pp. [viii], 85, illus., 8vo.
- 1873 A handbook for farmers and small holders. By James Long and other experts. Ed. by J. Watson. S. Low: London, 1892. pp. [viii], 227, 8vo.
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- 1875 Miscellaneous tracts on religious, political, and agricultural subjects. T. Cadell & W. Davies: London, 1815. 2 vol., 8vo.  
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29. Dempsey, G. D. Rudimentary treatise on the drainage of districts and lands. 1875. 474
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145. Burn, R. S. Outlines of modern farming. vol. 4: The dairy, [etc.]. [c. 1910]. 276
207. Burn, R. S. Outlines of farm management and the organization of farm labour. [c. 1885]. 274
239. Scott, J. Draining and embanking. 1885. 1530
241. Scott, J. Farm roads, fences, and gates. 1885. 1532
242. Scott, J. Farm buildings. 1897. 1531
243. Scott, J. Barn implements and machines. 1884. 1529
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- 1876 Advanced agriculture. (*Advanced Science Manuals*). Longmans: London and New York, 1894. pp. viii, 672, illus., 8vo.
- 1877 Elementary agriculture: a text-book specially adapted to the requirements of the Science and art department [etc.]. (*Longman's Elementary Science Manuals*). 3rd ed. Longmans: London, [etc.], 1896. pp. viii, 196, mp. frontis., plt., illus., 8vo.
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- 1879 General view of the agriculture of Galloway, comprehending . . . Kirkcudbright and . . . Wigton . . . Drawn up for . . . the Board of agriculture [etc.]. J. Paterson: Edinburgh, 1794. pp. [6], 40, 8vo. (sm. 4to.)
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Curiosities of nature and art in husbandry and gardening. [Translated anonymously from the French of P. Le Lorrain de Vallemont.] 1707. *see* **Le Lorrain de Vallemont**, Pierre. 1002

Young, Arthur, 1741–1820

- 1969 Annals of agriculture, and other useful arts. Collected and published by Arthur Young. vol. 1–44. H. Goldney: London, 1784–1806. 44 vol., 8vo.  
Imprint varies.
- 1970 The autobiography of Arthur Young, with selections from his correspondence. Ed. by M. Betham-Edwards. Smith, Elder: London, 1898. pp. x, [ii], 480, frontis., pls., 8vo.
- 1971 A course of experimental agriculture: containing an exact register of all the business transacted during five years on near three hundred acres of various soils, [etc.]. J. Dodsley: London, 1770. 2 vol., 4to.  
Vol. 1 lacks title-page and pp. i–ii of dedication.
- 1972 Essays on the management of hogs, and the culture of coleseed, including experiments. 2nd ed., with additions. W. Nicoll: London, 1770. pp. [iv], xxiv, 25–159, sm. 8vo.
- 1973 The farmer's guide in hiring and stocking farms [etc.]. By the author of The farmer's letters [i.e. A. Young]. W. Strahan, [etc.]: London, [etc.], 1770. 2 vol., 8vo.
- 1974 The farmer's kalendar; or, A monthly directory for all sorts of country business: containing plain instructions for performing the work of various kinds of farms, in every season of the year [etc.]. By an experienced farmer [i.e. A. Young]. Robinson & Roberts; J. Knox: London, 1771.  
pp. [xxxii], 399, 8vo.
- 1975 ——. A new ed., greatly enlarged and improved. R. Phillips: London, 1804. pp. [ii], x, 575, [30], 8vo.
- 1976 ——. 21st ed., re-written and extended by John Chalmers Morton. Routledge: London, 1862. pp. xvi, 624, illus., 8vo.
- 1977 The farmer's letters to the people of England: containing the sentiments of a practical husbandman, on various subjects of great importance . . . To which are added, Sylvae: or, Occasional tracts on husbandry and rural oeconomics. [By A. Young]. 2nd ed., corrected and enlarged. W. Nicoll: London, 1768. pp. [vi], 482, 8vo.
- 1978 ——. 3rd ed., corrected and enlarged. W. Strahan, [etc.]: London, [etc.], 1771. 2 vol., 8vo.  
Vol. 2 has title: *The farmer's letters to the landlords of Great-Britain*, [etc.].
- 1979 The farmer's tour through the east of England. Being the register of a journey through various counties of this kingdom, to enquire into the state of agriculture, [etc.]. By the author of the Farmer's letters, and the Tours through the north and south of England [i.e. A. Young]. W. Strahan, [etc.]: London, [etc.], 1771. 4 vol., 8vo.

- Young, Arthur, 1741–1820**
- 1980 General view of the agriculture of Hertfordshire; drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1804. pp. xix, 236, 2, mp. frontis., plts., illus., 8vo.
- 1981 General view of the agriculture of the county of Essex. Drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1807. 2 vol., 8vo.
- 1982 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.
- 1983 General view of the agriculture of the county of Lincoln; drawn up for . . . the Board of agriculture [etc.]. G. Nicol, [etc.]: London, [etc.], 1799. pp. vii, 455, mp. frontis., plts. (incl. mps.), illus., 8vo.  
Map frontis. bound between pp. 6 & 7.  
*see Stone, Thomas.* A review of the corrected agricultural survey of Lincolnshire. 1800, *and* 2nd ed. 1800. 1687–8
- 1984 General view of the agriculture of Lincolnshire. Drawn up by order of the Board of agriculture [etc.]. 2nd ed. R. Phillips: London, 1808. pp. vii, 490, mp. frontis., plts. (incl. mps.), 8vo.
- 1985 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815. pp. vii, 490, [6], mp. frontis., plts. (incl. mp.), illus., 8vo.  
General view of the agriculture of Oxfordshire. 1815. *see his* View of the agriculture of Oxfordshire. 1999–2000
- 1986 General view of the agriculture of the county of Norfolk; drawn up for . . . the Board of agriculture [etc.]. R. Phillips: London, 1804. pp. xx, 552, 2, mp. frontis., plts., illus., 8vo.
- 1987 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815.
- 1988 General view of the agriculture of the county of Suffolk . . . Drawn up for . . . the Board of agriculture [etc.]. C. Macrae: London, 1794. pp. 92, plt. (mp.), 8vo. (sm. 4to.)
- 1989 ——. [Another ed.]. B. Macmillan for G. Nicol, [etc.]: London, [etc.], 1797. pp. x, [11]–15, 314, mp. frontis., plts., 8vo.
- 1990 ——. 3rd ed. W. Bulmer for G. & W. Nicol, [etc.]: London, [etc.], 1804. pp. xv, 452, [2], mp. frontis., plts., 8vo.
- 1991 ——. [Another issue]. Sherwood, Neely & Jones: London, 1815. pp. xv, 452, mp. frontis., plts., 8vo.  
General view of the agriculture of the county of Sussex. By Arthur Young [jun.]. 1795, etc. *see Young, Arthur, 1769–1827.* 2001–3
- 1992 A letter to lord Clive, on the great benefits which may result to the publick from patriotically expending a small part of a large private fortune: particularly in promoting the interests of agriculture, by forming an experimental farm [etc. By A. Young]. W. Nicoll: London, 1767. pp. [ii], 56, plt., 8vo.

Young, Arthur, 1741–1820

- 1993 On the husbandry of three celebrated British farmers, messrs. Bakewell, Arbuthnot, and Duckett: being a lecture read to the Board of agriculture. G. & W. Nicol; Sherwood, Neely & Jones: London, 1811. pp. [ii], 52, plts., 8vo.
- 1994 Political arithmetic. Containing observations on the present state of Great Britain; and the principles of her policy in the encouragement of agriculture . . . To which is added, A memoir on the corn trade: drawn up and laid before the commissioners of the Treasury, by [Thomas] Pownall. W. Nicoll: London, 1774. pp. xii, [iv], 366, [2], 8vo.
- 1995 Rural oeconomy: or, Essays on the practical parts of husbandry . . . To which is added, The rural Socrates: being memoirs of a country philosopher. By the author of the Farmer's letters [i.e. A. Young]. T. Beckett: London, 1770. pp. [iv], 520, 8vo.  
*The rural Socrates* was written in German by Hans Kaspar Hirzel; the present translation was made by Young from the 2nd ed. (1764) of the French version of J. Frey des Landres.
- 1996 A six months tour through the north of England. Containing, an account of the present state of agriculture, manufactures and population, in several counties in this kingdom [etc. By A. Young]. W. Strahan, [etc.]: London, [etc.], 1770.  
4 vol., 8vo.
- 1997 A six weeks tour through the southern counties of England and Wales . . . In several letters to a friend. By the author of the Farmer's letters [i.e. A. Young]. 2nd ed., corrected and enlarged. W. Strahan, [etc.]: London, [etc.], 1769.  
pp. xi, 377, [16], plt., illus., 8vo.
- 1998 A tour in Ireland; with general observations on the present state of that kingdom: made in the years 1776, 1777, and 1778. And brought down to the end of 1779. T. Cadell; J. Dodsley: London, 1780. pp. [iv], xi, [iv], 384, 168, [4], plts., 4to.
- 1999 View of the agriculture of Oxfordshire. Drawn up for the Board of agriculture [etc.]. R. Phillips: London, 1809.  
pp. xii, 362, [6], mp. frontis., plts., 8vo.
- 2000 General view of the agriculture of Oxfordshire. Drawn up for . . . the Board of agriculture [etc.]. Sherwood, Neely & Jones: London, 1813. pp. xii, 362, [6], mp. frontis., plts., 8vo.  
A re-issue of the preceding, with a new title-page.  
*see* Egremont, John. Observations on the mildew, suggested by the queries of Arthur Young. 1806. 551

- Young, Arthur, *the younger*, 1769–1827**
- 2001 General view of the agriculture of the county of Sussex . . . Drawn up for . . . the Board of agriculture [etc.]. J. Nichols: London, 1793. pp. [97], pls. (incl. mp.), 8vo. (sm. 4to.)  
The character 7 in the pagination of p. 97 has failed to print: the page thus appears to be numbered 9.
- 2002 ——. [Another ed.]. R. Phillips: London, 1808.  
pp. viii, [2], 471, [4], mp. frontis., pls. (incl. mps.), 8vo.
- 2003 ——. [Another issue]. Sherwood, Neely & Jones: London, 1813. pp. viii, 471, [6], mp. frontis., pls. (incl. mps.), 8vo.
- Young, B.**
- 2004 The grazier and farmer's assistant; or, Husbandman's calendar; . . . To which will be added, The complete vermin killer, [etc.]. G. Allen: London, [1777]. pp. 60, 8vo.  
*The complete vermin-killer occupies pp. 57–60.*
- Young, David**
- 2005 Agriculture, the primary interest of Great Britain. D. Pater-son, [etc.]: Edinburgh, [etc.], 1788, pp. xv, 406, plt., 8vo.
- 2006 National improvements upon agriculture, in twenty-seven essays. The author; J. Bell: Edinburgh, 1785.  
pp. xx, 412, pls., 8vo.
- Young, Walter**
- 2007 The farmer's pocket guide; or, Imperial standard measurer; containing many useful and practical tables, rules, and calcu-lations, on subjects of rural economy, husbandry, and agri-cultural commerce. A. Leadbetter: Kelso; J. Nisbet: London, [c. 1825]. pp. xvi, [17]–198, illus., sm. 8vo.
- Younghusband, Israel**
- 2008 Directions for the better cultivation of land for flax-seed, and for the management of flax. J. Murphy: Dublin, 1764.  
pp. iv, 5–20, 8vo.
- Y-Worth, William**
- 2009 The Britannian magazine: or, A new art of making above twenty sorts of English wines . . . 3rd ed. To which is added, The foundation of the art of distillation [etc.]. By W.Y., M.D. [i.e., W. Y-Worth]. N. Bodington: London, [1700]. pp. [44], 133, [15], sm. 8vo. (12mo.)  
Wing Y 215.

BOOKS PRINTED IN ENGLAND AND SCOTLAND UP TO 1700

*The number preceding each entry is that in the Short Title Catalogue of Pollard & Redgrave or Wing: that following the entry refers to the main entry in the alphabetical sequence of this catalogue.*

**Books printed up to 1640**

- 10547 Estienne (C.) & Liebault (J.) *Maison rustique, or The countrie farm*, trsl. by R. Surflet. 1600. 576  
 17338 Markham (G.) *Cheape and good husbandry*. 3rd ed. 1623. 1129  
 17340, 17345, 17354—*see* 17397  
 17356<sup>a</sup> Markham (G.) *The second booke of the English husbandman*. 1615. (*impf.*, *wants pt. 2*) 1135  
 17358 ——. *The English husbandman newly reviewed*. 1635. (*impf.*, *wants pt. 3*) 1131  
 17364 ——. *The inrichment of the weald of Kent*. 1631. 1132  
 17365 (*see* 17397)  
 17373 ——. *Markham's farewell to husbandry*. 1625. 1130  
 17377<sup>a</sup> ——. *Markham's maister-peece*. 1623. 1133  
 17397 ——. *A way to get wealth*. 6th ed. 6 pts. 1638. 1136  
 17586 Mascall (L.) *The government of cattell*. 1620. 1165

**Books printed 1641-1700**

- B 3118 Blagrave (J.) *The epitomie of the art of husbandry*. [4th ed.] 1685. 173  
 B 3120<sup>A</sup> (*see* B 3118).  
 B 3194 Blith (W.) *The English improver*. [2nd ed.] 1649. 183  
 B 3196 ——. *The English improver improved*. [3rd ed.] 1653. 184  
 C 7506 Culpeper (N.) *The English physitian enlarged*. 1666. 429  
 D 1855 Donaldson (J.) *Husbandry anatomiz'd*. 1697. 497  
 D 1855 ——. *Postscript to Husbandry anatomized*. 1698. 498  
 D 2481 Dugdale (*sir* W.) *The history of imbanking and drayning. 1662. 533*  
*England's improvement, and seasonable advice to all gentlemen and farmers. 1691 [Not in Wing]. 566*  
 H 989 Hartlib (S.) *Samuel Hartlib his legacie*. 1651. 759  
 H 999 ——. *The reformed husband-man*. 1651. 760  
 M 660 Markham (G.) *Markhams maister peece*. 8th ed. 1656. 1134  
 M 901 Mascall (L.) *The country-mans new art of planting and grafting*. 1656. 1164  
 M 1573<sup>A</sup> Meager (L.) *The mystery of husbandry*. 1697. 1177  
 N 1416 Nourse (T.) *Campania foelix*. 1700. 1281  
 P 2591 Plat (*sir* H.) *The jewel house of art and nature*. 1653. 1354  
 P 2411 Plattes (G.) *A discovery of subterranean treasure*. 3rd ed. 1679. 1356  
 S 3011 Sharrock (R.) *The history of the propagation & improvement of vegetables*. 2nd ed. 1672. 1546  
 S 4093 Smith (J.) *fl.* 1635-1673. *England's improvement reviv'd*. 1673. 1614  
 S 4095 Smith (J.) *Profit and pleasure united*. 1684. 1612  
 S 4877 Speed (A.) *Adam out of Eden*. 1659. 1654  
 T 3569 Tusser (T.) *Five hundred points of good husbandry*. 1672. 1790  
 W 1483<sup>A</sup> Weston (*sir* R.) *A discours of husbandrie used in Brabant and Flanders*. 3rd. ed. 1654. 1891  
 W 3599 Worlidge (J.) *Systema agriculturae*. 2nd ed. 1675. 1947  
 ——. *The second parts of Systema agriculturae, [etc.]*. 1689 [Not in Wing]. 1948  
 Y 13 Yarranton (A.) *England's improvement by sea and land*. 1677. 1962  
 Y 215 Y-Worth (W.) *The Britannian magazine*. 3rd ed. 1700. 2009

## PERIODICALS

*The following list of the periodicals in the collection is arranged under the headings used in the British Union Catalogue of Periodicals, 1955-58: in the case of three items not in BUCOP (indicated by an asterisk), an entry has been made in conformity with its rules. Fuller entries for the periodicals listed below will be found in the alphabetical sequence of the catalogue under the numbers given at the end of each entry.*

- Agricultural research.** 1-6. 1925-50. *then* The Farmer's guide to agricultural research. [7]. 1951. 1499
- Agricultural students' gazette.** ns 1-19<sup>1</sup>, 1882-1952 (*wanting* 18). *then* Royal agricultural college journal. ns 22<sup>2</sup>, 1955. 335
- Annals of agriculture, and other useful arts.** 1-44<sup>259</sup>. 1784-1806. 1966
- Board of agriculture.** Communications to the Board . . . on subjects relative to the husbandry, and internal improvement of the country. 1-7. 1797-1811. 190
- British year-book of agriculture and agricultural who's who.** 2. 1909/10. 227
- Collection for the improvement of husbandry and trade.** [By John Houghton]. 1-5. 1727. 834
- Commercial and agricultural magazine.** 1-6. 1799-1802. *then* The Agricultural magazine. 7. 1802. n[4]s 1-6. 1813-15. 373
- De re rustica; or the repository for select papers on agriculture, arts, and manufactures.** 1-2. 1769-70. 469
- Dublin society.** Essays and observations . . . published by a Society of gentlemen in Dublin. London. 1740. 526
- English agricultural society.** The Journal of the Royal agricultural society of England. 1-105. 1840-1944. *and* Indexes 1-25, 26-50, 51-61. 1502
- English Guernsey cattle society.** English Guernsey cattle society's herd book. 39-44. 1925-28. 567
- Evans and Ruffy's Farmer's journal and agricultural advertiser.** 4<sup>185</sup>-19<sup>1006</sup>. 1811-26. 577.
- \*The Farmers' almanac and calendar. 5<sup>1</sup>, for 1847. 1846. 592
- The Farmer's friend. 1. 1847. 595
- The Farmer's magazine. 1-11. 1800-10. (1-4<sup>th</sup> ed.: 2-5<sup>th</sup> ed.: 3-5<sup>rd</sup> ed.) 597
- The Farmer's magazine. 1<sup>1-40</sup>. 1852-53. 598
- The Farmer's magazine and useful family companion. By Agricola Sylvan. 1-5. 1776-80. 599
- Highland society of Scotland.** Prize essays and transactions. n[2]s 1-8. 1829-43. *then* Transactions. n[3]s 1-11, 1845-65. 4s 1-20, 1866-88. 5s 1-56, 1889-1944. *and* Indexes 1-5s, 4s. 797
- Letters and papers on agriculture, planting &c.** (Society instituted at Bath, for the encouragement of agriculture). 1-4. 1780-88. (1-5<sup>rd</sup> ed.: 2, 3-2<sup>nd</sup> ed.) *then* Journal of the Bath and west and southern counties society. 4s, 6, 7. 1895-97. 123, 125
- Memoirs of agriculture, and other æconomical arts.** 1-5. 1768-82. 516
- Merino society.** Report. 2. 1812. 1188

- Museum rusticum et commerciale** or select papers on agriculture &c. 1-6. 1764-66. (1-3rd ed.) 1252
- National institute of agricultural botany.** Journal. 1-3<sup>1</sup>. 1922-51. 298
- \***Northumberland.** Technical education sub-committee. Reports [on agricultural experiments.] 1-10. 1893-1902. 1280
- \***Oracle of rural life.** 1859. 1291
- Practical husbandman and planter** 1<sup>1-3</sup>. 1733. 1375
- Quarterly journal of agriculture.** 1-15. 1828-45. *then* The Journal of agriculture. ns 1-12, 3s 1-4. 1843-68. 1405
- Recreations in agriculture,** natural-history, arts, and miscellaneous literature. By James Anderson. 1-6. 1799-1802. 54
- Scots farmer** or select essays on agriculture. 1-2. Oct. 1772-Nov. 1774. 1527
- Society for the encouragement of domestic industry.** Agricultural and industrial magazine. 1. 1834-35. 1636
- Year book of agricultural facts.** 1859-62. 279

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QUARTO SERIES

*The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.*

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Bedford	Stone, T.	1794	1684
Berkshire	Pearce, W.	1794	1317
Buckingham	Malcolm, W. and others	1794	1114
Cambridge	Vancouver, C.	1794	1805
Cheshire	Wedge, T.	1794	1881
Cornwall	Fraser, R.	1794	636
Cumberland	Bailey, J. and Culley, G.	1794	80
Derby	Brown, T.	1794	243
Devon	Fraser, R.	1794	637
Dorset	Claridge, J.	1795	342
Durham	Granger, J.	1794	707
Essex	Griggs, Messrs.	1794	726
	Vancouver, C.	1795	1806
Gloucester	Turner, G.	1794	1788
Hampshire	Driver, A. and W.	1794	521
Hereford	Clark, J.	1794	346
Hertford	Walker, D.	1795	1840
Huntingdon	Stone, T.	1795	1685
	Maxwell, G.	1795	1172
Kent	Boys, J.	1794	207
Lancaster	Holt, J.	1794	814
Leicester	Monk, J.	1794	1219
Lincoln	Stone, T.	1794	1686
Middlesex	Baird, T.	1795	89
	Foot, P.	1794	622
Monmouth	Fox, J.	1794	633
Norfolk	Kent, N.	1794	924
Northampton	Donaldson, J.	1794	504
Northumberland	Bailey, J. and Culley, G.	1794	81
Nottingham	Lowe, R.	1794	1067
Oxford	Davis, R.	1794	458
Rutland	Crutchley, J.	1794	425
Shropshire	Bishton, J.	1794	164
Somerset	Billingsley, J.	1794	156
Stafford	Pitt, W.	1794	1348
Suffolk	Young, A., 1741–1820	1794	1988
Surrey	Malcolm, W., and others	1794	1115
Sussex	Young, A., 1769–1827	1795	2001
Warwick	Wedge, J.	1794	1880
Westmoreland	Pringle, A.	1794	1388
Wiltshire	Davis, T.	1794	459
Worcester	Pomeroy, W. T.	1794	1361
Yorks, E. Riding	Leatham, I.	1794	997
Yorks, N. Riding	Tuke, J.	1794	1780
Yorks, W. Riding	Rennie, G. and others	1794	1426

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OCTAVO SERIES

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<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Bedford	Batchelor, T.	1808, 1815	117-8
Berkshire	Mavor, W. F.	1809	1171
Buckingham	Priest, St. J.	1810, 1815	1834-5
Cambridge	Gooch, W.	1811, 1815	699-700
Cheshire	Holland, sir H., 1st bart.	1808, 1815	811-2
Cornwall	Worgan, G. B.	1811, 1815	1943-4
Cumberland (with Northumberland)			83-5
Derby	Farey, J., 3 vols.	1811-17	587
Devon	Vancouver, C.	1808, 1815	1809-10
Dorset	Stevenson, W.	1812, 1815	1672-3
Durham	Bailey, J.	1810	79
Essex	Young, A., 1741-1820, 2 vols.	1807, 1815	1981-2
Gloucester	Rudge, T.	1807, 1815	1509-10
Hampshire	Vancouver, C.	1810, 1815	1807-8
Hereford	Duncumb, J.	1805, 1815	536-7
Hertford	Young, A. 1741-1820	1804	1980
Huntingdon	Parkinson, R.	1811, 1815	1308-9
Kent	Boys, J.	1796, 1805, 1815	208-10
Lancaster	Holt, J.	1795	815
	Dickson, R. W.	1815	485
Leicester	Pitt, W.	1809	1345
Lincoln	Young, A. 1741-1820	1799, 1808, 1815	1983-5
Middlesex	Middleton, J.	1798, 1807, 1815	1189-91
Monmouth	Hassall, C.	1815	764
Norfolk	Kent, N.	1796, 1815	925-6
	Young, A., 1741-1820	1804, 1815	1986-7
Northampton	Pitt, W.	1809, 1815	1346-7
Northumberland	Bailey, J. and Culley, G.	1800	82
Northumberland (with Cumberland & Westmoreland)	Bailey, J. and Culley, G.	1797, 1805, 1815	83-5
Nottingham	Lowe, R.	1798, 1815	1068-9
Oxford	Young, A., 1741-1820	1809, 1815	1999-2000
Rutland (with Leic.)	Parkinson, R.	1809	1345
Shropshire	Plymley, J.	1805 (2 eds.), 1815	1357-9
Somerset	Billingsley, J.	1797, 1798	157-8
Stafford	Pitt, W.	1796, 1808, 1815	1349-51
Suffolk	Young, A., 1741-1820	1797, 1804, 1815	1989-91
Surrey	Stevenson, W.	1809, 1815	1674-5
Sussex	Young, A., 1769-1827	1808, 1815	2002-3
Warwick	Murray, A.	1815	1249
Westmoreland (with Northumb.)	Pringle, A.	1797, 1805, 1815	85-5
Wiltshire	Davis, T.	1811, 1815	460-1
Worcester	Pitt, W.	1810, 1815	1352-3
Yorks, E. Riding	Strickland, H. E.	1812	1696
Yorks, N. Riding	Tuke, J.	1800	1781
Yorks, W. Riding	Brown, R.	1799	239

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QUARTO SERIES

*The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.*

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Aberdeen	Anderson, J.	1794	49
Angus or Forfar	Roger, J.	1794	1478
Argyll	Robson, J. (with W. Inverness)	1794	1474
Ayrshire	Fullarton, W.	1795	645
Banffshire	Donaldson, J.	1794	500
Berwickshire	Lowe, A.	1794	1064
Bute	(in Hebrides)		
Caithness	(in Northern Counties)		
Clackmannanshire	Erskine, J. F.	1795	570
Dumbarton	Ure, D.	1794	1799
Dumfriesshire	Johnston, B.	1794	892
East Lothian	Hepburn, G. B.	1794	786
Elgin or Moray	Donaldson, J.	1794	501
Fife	Beatson, R.	1794	139
Galloway	Webster, J.	1794	1879
Hebrides	Heron, R.	1794	787
Inverness	(see note)		
Kincardine	Donaldson, J.	1795	502
Kinross	Ure, D.	1797	1800
Lanarkshire	Naismith, J.	1794	1254
Midlothian	Robertson, G.	1795	1459
Nairn	Donaldson, J.	1794	503
Northern Counties and Islands	Sinclair, sir J. (in Northern Counties)	1795	1591
Orkney Islands	(in Northern Counties)		
Peebles (Tweeddale)	Johnston, T.	1794	906
Perth, Southern	Robertson, J.	1794	1464
Carse of Gowrie	Donaldson, J.	1794	499
Central Highlands	Marshall, W.	1794	1139
Renfrew	Martin, A.	1794	1155
Ross & Cromarty	(in Northern Counties)		
Roxburgh	Ure, D.	1794	1801
Selkirk	Johnston, T.	1794	905
Shetland Islands	(in Northern Counties)		
Stirling	Belsches, R.	1796	150
Sutherland	(in Northern Counties)		
West Lothian	Trotter, J.	1794	1771

*Note:* No separate quarto survey of Inverness-shire was published. The various parts of the county were dealt with in the volumes on Argyll, Elgin, the Hebrides and Nairn.

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OCTAVO SERIES

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<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Aberdeen	Keith, G. S.	1811	919
Angus or Forfar	Headrick, J.	1813	772
Argyll	Smith, J.	1798, 1805, 1815	1615-7
Ayrshire	Aiton, W.	1811	27
Banffshire	Souter, D.	1812	1648
Berwickshire	Kerr, R.	1809, 1813	929-30
Bute	Aiton, W.	1816	28
Caithness	Henderson, J.	1812, 1815	778-9
Clackmannanshire	(with Kinross)	1814	704
Dumbarton	Whyte, A. and Macfarlan, D.	1811	1910
Dumfriesshire	Singer, W.	1812	1601
East Lothian	Somerville, R.	1805, 1813	1642-3
Elgin or Moray	(with Nairn)	1813	1005
Fife	Thomson, J.	1800	1740
Galloway	Smith, S.	1810, 1813	1621-2
Hebrides	Macdonald, J.	1811	1090
Inverness	Robertson, J.	1808	1463
Kincardine	Robertson, G.	1810, 1813	1457-8
Kinross	Graham, P. (with Clackmannan)	1814	704
Lanarkshire	Naismith, J.	1798, 1806, 1813	1255-7
Midlothian	Robertson, G.	1795	1460
Nairn	Leslie, W. (with Moray)	1813	1005
Northern Counties and Islands	(see individual counties)		
Orkney Islands	Shirreff, J.	1814	1556
Peebles (Tweeddale)	Findlater, C.	1802, 1814	605-6
Perth	Robertson J,	1799, 1813	1465-6
Renfrew	Wilson, J.	1812	1925
Ross & Cromarty	Mackenzie, sir G. S.	1810	1100
Roxburgh	} Douglas, R.	1798, 1813	517-8
Selkirk			
Shetland Islands	Shirreff, J.	1814	1557
Stirling	Graham, P.	1812	703
Sutherland	Henderson, J.	1812, 1815	780-1
West Lothian	Trotter, J.	1811	1772

BOARD OF AGRICULTURE COUNTY REPORTS

WALES

QUARTO SERIES

*The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.*

<i>County</i>	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
North Wales*	Kay, G.	1794	917
Brecknock	Clark, J.	1794	345
Cardigan	Lloyd, T. and Turnor, D.	1794	1027
Carmarthen	Hassall, C.	1794	763
Glamorgan	Fox, J.	1796	632
Pembroke	Hassall, C.	1794	765
Radnor	Clark, J.	1794	347

\* Anglesey, Caernarvon, Denbigh, Flint, Merioneth, Montgomery.

OCTAVO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
North Wales	Davies, W.	1815	453
South Wales	Davies, W.	1815	454

ISLANDS

QUARTO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Channel Isles	(no Quarto report)		
Isle of Man	Quayle, B.	1794	1406

OCTAVO SERIES

	<i>Author</i>	<i>Eds. in P.A.L.</i>	<i>Cat. nos.</i>
Channel Isles	Quayle, T.	1815	1407
Isle of Man	Quayle, T.	1812	1408

DUBLIN SOCIETY

STATISTICAL SURVEYS OF IRISH COUNTIES. 8VO.

*The numbers in heavy type refer to the entries in the alphabetical sequence of the catalogue.*

<i>County</i>	<i>Author</i>	<i>Date</i>	<i>Cat. nos.</i>
Antrim	Dubourdieu, J.	1812	531
Armagh	Coote, sir C.	1804	393
Cavan	Coote, sir C.	1802	394
Clare	Dutton, H.	1808	542
Cork	Townsend, H.	1810	1760
Donegal	M'Parlan, J.	1802	1107
Down	Dubourdieu, J.	1802	532
Dublin	Archer, J.	1801	63
—.	Observations on Archer's survey, by H. Dutton	1802	540
Galway	Dutton, H.	1824	541
Kildare	Rawson, T. J.	1807	1417
Kilkenny	Tighe, W.	1802	1745
King's County	Coote, sir C.	1801	391
Leitrim	M'Parlan, J.	1802	1106
Londonderry	Sampson, G. V.	1802	1520
Mayo	M'Parlan, J.	1802	1108
Meath	Thompson, R.	1802	1738
Monaghan	Coote, sir C.	1801	395
Queen's County	Coote, sir C.	1801	392
Roscommon	Weld, I.	1832	1883
Sligo	M'Parlan, J.	1802	1109
Tyrone	M'Evoy, J.	1802	1097
Wexford	Fraser, R.	1807	638
Wicklow	Fraser, R.	1801	635

The surveys of Kerry and Wicklow, by Thomas Radcliff, published in 1814 and 1812 respectively, do not form part of this series, but were published for the Farming Society of Ireland. That of Kerry is not in the Perkins Collection; that of Wicklow is no. 1409 in this Catalogue.

## SUPPLEMENTARY NOTES

**Arbuthnot:** A true method of treating light hazely ground. 1811.

This work, usually treated as anonymous or wrongly attributed to George Thomson, has on p. iv: 'The substance of [this tract] was furnished by the joint contributions of an Association, but the whole was framed and digested by . . . James Arbuthnot, . . . Longside, Aberdeenshire.' Perkins (p. 152) attributed it to Thomson apparently through a misreading of Macdonald's entries under 1755 (p. 209) where *An Account of a threshing machine invented at Dalkeith*, attributed to Thomson, appears immediately before the present work; Macdonald's attribution to Thomson of *An Account of a threshing machine* appears to be due in turn to a misreading of Weston, p. 62: cf. Donaldson, p. 52, where the same attribution is made.

**Bernard:** Account of Britton Abbot's cottage and garden. 1806.

Evidence from the text indicates that the 'Society' referred to on the title-page and elsewhere throughout the pamphlet is the Society for bettering the condition . . . of the poor; this was founded by sir Thomas Bernard, and most of its early publications were written by him. His authorship is strongly suggested by a note signed 'B' on p. 11 of the second sequence (*A cottager's garden*), and the work is attributed to him in the D.N.B. and in James Baker's *Life of sir Thomas Bernard* (1819), p. 35. The pamphlet consists of two earlier tracts bound together with a new inclusive title-page; the latter is printed on a leaf which is sewn round the outside of both the other gatherings, forming a cover.

**Considerations on agriculture.** 1750.

The name of George Rye, to whom this work is frequently attributed, seems to be first mentioned in Weston (p. 58) where he is listed as author of *Observations on agriculture*. Dublin, 8vo. 1750. Entries with similar wording in Watt, Loudon, Allibone, Macdonald and Donaldson presumably derive from Weston. There is no other trace of a work with the title *Observations in agriculture* by Rye, and it seems quite possible that this is the work meant by Weston. The present copy is in a binding roughly contemporary with the book, and has an 18th century lettered title *Ryan on agriculture*. A George Rye, of Cork, figures in the British Museum catalogue as author of a medical work published in 1754: the author of the present book was from internal evidence a man of scientific training and lived in Cork; this seems to support the hypothesis of Rye's authorship.

**Evelyn:** A letter . . . concerning the *Sembrador*. [c. 1780].

The work is evidently a reprint of Evelyn's letter, with a frontispiece illustrating the *Sembrador* as shewn in the print accompanying Evelyn's article of 1670 and another illustration of it from Mills' edition of Duhamel's *Husbandry*. A note at the foot of p. 8 indicates that the article was reprinted in consequence of, and in opposition to, an application made to Parliament for a reward for the invention of the *Sembrador* at some time subsequent to 1777.

**Welchman:** The husbandman's manual. [c. 1760?]

This edition is not really the 5th, for the 4th ed. was published in 1707 (copy in Southampton University Library) and the 6th in 1720. The present edition, on the evidence of its typography here suggested, is not of as early a date as 1720, and may well be later than the 1760 here suggested. Rudder, who was baptized 1726, was active 1749–1801 (Plomer's *Dictionary of printers*, 1726–75). In this copy, the title-page [pp. i–ii], and the Table of contents [pp. xi–xii] occur in duplicate. The book is interleaved, and has additional ms. title-page: *The husbandman's manual with devout meditations. Improved and enlarged by* ——. 6th edition. The text of the ms. on the interleaved sheets appears to be copy for a proposed new ed. of the work. The paper of the interleaved sheets is watermarked 1817.

**Wright, T., of Ould.** The formation and management of floated meadows. 1808.

Confusion may arise owing to the controversy over the size of farms between two Thomas Wrights, viz. the present author and Thomas Wright, broker, of Mark Lane, London. Wright of Mark Lane published in 1795 *A short address to the public on the monopoly of small farms, a great cause of the present scarcity . . . With the plan of an institution to remedy the evil*. 8vo. (B.M., T.1466. (7) and T.249 (6): R.A.S.E., P.115 and P.125, p. 356), in which he deplored the buying-up of small farms by monopolists. *Large farms recommended* was published anonymously in 1796, but was in fact a reply by Wright of Ould to his namesake's pamphlet. On the title-page of the 1799 ed. of *The art of floating land*, by Wright of Ould, the latter is described as 'author of *Large farms recommended*'. *Large farms recommended* is, in fact, the *Dissertation on the size of farms* referred to on the title-page of *The formation of floating meadows*; in the B.M. and Roth. copies it is bound with the latter as here.









