

Dhananjayarao Gadgil Library



GIPE-PUNE-066921

## HARVARD ECONOMIC STUDIES

- |   |  |
|---|--|
| I. The English Patents of Monopoly. By William H. Price. 8vo.   | XV. The Financial History of Boston, from May 1, 1822, to January 31, 1900. By C. P. Huse. 8vo.                |
| II. The Lodging House Problem in Boston. By Albert B. Wolfe. 8vo.   | XVI. Essays in the Earlier History of American Corporations. By J. S. Davis. 8vo. 2 volumes.                   |
| III. The Stannaries: A Study of the English Tin Miner. By George R. Lewis. 8vo.   | XVII. The State Tax Commission. By H. L. Lutz. 8vo.  |
| IV. Railroad Reorganization. By Stuart Daggett. 8vo.  | XVIII. The Early English Customs System. By N. S. B. Gras. 8vo.  |
| V. Wool-Growing and the Tariff. By Chester W. Wright. 8vo.  | XIX. Trade and Navigation between Spain and the Indies in the time of the Hapsburgs. By C. H. Haring. 8vo.     |
| VI. Public Ownership of Telephones on the Continent of Europe. By Arthur N. Holcombe. 8vo.  | XX. The Italian Emigration of Our Times. By R. F. Foerster. 8vo.   |
| VII. The History of the British Post Office. By J. C. Hemmean. 8vo.   | XXI. The Mesta: A Study in Spanish Economic History, 1273-1836. By Julius Klein. 8vo.                          |
| VIII. The Cotton Manufacturing Industry of the United States. By M. T. Copeland. 8vo.   | XXII. Argentine International Trade under Inconvertible Paper Money: 1880-1900. By J. H. Williams. 8vo.        |
| IX. The History of the Grain Trade in France. By Abbott Payson Usher. 8vo.  | XXIII. The Organization of the Boot and Shoe Industry in Massachusetts before 1875. By Blanche E. Hazard. 8vo. |
| X. Corporate Promotions and Reorganizations. By A. S. Dewing. 8vo.  | XXIV. Economic Motives. By Zenas C. Dickinson. 8vo.  |
| XI. The Anthracite Coal Combination in the United States. By Eliot Jones. 8vo.  | XXV. Monetary Theory before Adam Smith. By Arthur E. Monroe. 8vo.  |
| XII. Some Aspects of the Tariff Question. By F. W. Taussig. 8vo.  | XXVI. Canada's Balance of International Indebtedness 1900-1913. By Jacob Viner. 8vo.                           |
| XIII. The Evolution of the English Corn Market from the Twelfth to the Eighteenth Century. By N. S. B. Gras. 8vo.                       |  |
| XIV. Social Adaptation: A Study in the Development of the Doctrine of Adaptation as a Theory of Social Progress. By L. M. Bristol. 8vo. |  |

HARVARD UNIVERSITY PRESS

CAMBRIDGE, MASS., U.S.A.

**HARVARD ECONOMIC STUDIES**

**PUBLISHED UNDER THE DIRECTION OF  
THE DEPARTMENT OF ECONOMICS**

**VOL. III**

**LONDON: HUMPHREY MILFORD  
OXFORD UNIVERSITY PRESS**

# THE STANNARIES

## A STUDY OF THE ENGLISH TIN MINER

BY

GEORGE RANDALL LEWIS, PH.D.

AWARDED THE DAVID A. WELLS PRIZE FOR  
THE YEAR 1906-07, AND PUBLISHED FROM  
THE INCOME OF THE DAVID A. WELLS FUND



CAMBRIDGE  
HARVARD UNIVERSITY PRESS  
1924

COPYRIGHT, 1907  
BY THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE

X9(23145).3.M  
F4  
66921

PRINTED AT THE HARVARD UNIVERSITY PRESS  
CAMBRIDGE, MASS., U.S.A.

## PREFACE

THE following monograph, the outcome of a thesis for an under-graduate course at Harvard University, is the result of three years' investigation, one in this country and two in England, — for the most part in London, where nearly all the documentary material relating to the subject is to be found. For facilitating with ready courtesy my access to this material I am greatly indebted to the officials of the British Museum, the Public Record Office, and the Duchy of Cornwall Office. I desire also to acknowledge gratefully the assistance of Dr. G. W. Prothero, Mr. Hubert Hall, and Mr. George Unwin. My thanks are especially due to Professor Edwin F. Gay of Harvard University, under whose supervision my work has been done.

HOUGHTON, MICHIGAN, November, 1907.

## CONTENTS

### INTRODUCTION

Purpose of the essay. Reasons for choice of subject. Sources of information. Plan of treatment . . . . .	xiii
--	------

### CHAPTER I

#### TECHNICAL CONDITIONS IN THE TIN INDUSTRY, PAST AND PRESENT . . . . .

Nature of tin ore. Stream tinning in early times. Early methods of searching for ore. Forms assumed by the primitive mines. Drainage and other features of mediæval mine economy. Preparation of the ore. Carew's description of the dressing of tin ore. Early smelting furnaces. Advances in mining and smelting in the latter half of the seventeenth century. Preparation of the ore. Use of the steam engine for draining mines. Introduction of blasting. Pit coal smelting. General advance in ore dressing in the eighteenth century. Other improvements. Manner of stoping. The work of the nineteenth century.	i
--	---

### CHAPTER II

#### EXTERNAL HISTORY OF THE STANNARIES AND THE TIN TRADE . . . . . 33

Lack of early information with regard to the mines. The Romans and Saxons in the stannaries. The stannaries in the twelfth century. General importance of the industry. Position of the miners. Changes introduced in 1198 by De Wrotham. Charter of 1201. Tanners freed from manorial service. Increased output of the mines. Revocation of the charter at the instance of the barons. Later confirmation of the charter. The stannaries under the earls of Cornwall. Changes in stannary administration in thirteenth century. Production of tin. Charters of 1305. The stannaries in the fourteenth century. The Black Death. Fluctuations in the output of tin in the fourteenth and fifteenth centuries. The Charter of Pardon. Economic difficulties of the stannaries in the sixteenth and seventeenth centuries. The trade in tin. Shifting of the centre of the tin district from West Devon to West Cornwall. Concentration of the domestic tin trade at the coinage towns. The pewterers of London the ruling factor in the domestic tin trade. Early history of the gild. Its dominant position in the English pewter industry. Export trade in pewter. Foreign competition in the sixteenth century. The pewterers and the tin monopoly. Episode of the Grovers. Favoured position of the company under the first Stuarts. Weakened position after the Restoration. Tariffs on tin and pewter. Relations between the pewterers and the tanners. Foreign trade in tin. An-	
--	--

cient trade routes. Consumption of tin in the Middle Ages. Concentration of tin trade at Marseilles, Cologne, Bruges. Pegolotti's evidence. The Italians and the tin trade. Points of shipment. Tin staples. Gradual concentration of the trade in English vessels in the sixteenth century.

### CHAPTER III

<b>EARLY MINING LAW . . . . .</b>	<b>65</b>
-----------------------------------	-----------

Mining among the nations of antiquity. The Roman law of mines. General rule that the ownership of the surface carried with it ownership of the mines. Exceptional cases in Roman mineral law no evidence of the idea of regalian rights in mines. Misinterpretation of Roman mining law by mediæval glossographers. Great influence of these misinterpretations upon mediæval mining law. Theories as to early mining law in Germany. The mines probably at an early date seized by the heads of petty German lordships, who soon, however, turned them over to the workmen. Relations between lords and miners. Mine charters of the twelfth and thirteenth centuries. Gradual concentration of mining control in the hands of the rulers of the larger territorial divisions. Results of German mineral law, the suppression of the rights of the landowners in favor of the local magnates, and, indirectly, of the miners. Early mineral law in France. Influence of German ideas. Seizure of the mines by the French nobles. Dispossession of the latter by the Crown in 1413. Concessions by Crown to landlords, the dominant note of French mineral policy. Mining monopolies. Mineral law elsewhere. The Belgic Provinces, Scotland, Russia, and Scandinavia. The growth of a specially favored mining class in western Europe. Roving nature of the mediæval miner. Grants of privileges of all sorts made by lords in order to attract skilled miners. English mineral law. Did the English kings attempt to secure regalian rights in mines? English mines from a legal standpoint. Mines of precious metals. Mines the ownership of which went with that of the surface. "Free mining" districts of England. Cornwall and Devon, the Forest of Dean, Alston Moor, the Mendip Hills, Derbyshire. Origin of English mineral law as seen in these districts. Objections to the theory which would make it follow in its development the history of mineral law upon the Continent.

### CHAPTER IV

<b>THE STANNARIES AND THE CROWN. ADMINISTRATION AND JUSTICE</b>	<b>85</b>
---	-----------

Separation of the Cornish stannaries from those of Devon. Governmental relations of the stannaries with the Duke of Cornwall. The warden and his duties. Ultimate supremacy of Parliament and the Crown over the stannaries. Tinner's courts. Analogies elsewhere. Origins of the courts. Division of Cornwall and Devon into stannary districts. General jurisdiction of stannary courts. Relations between stannary courts and those of the manor. Conflicts of stannary courts with other jurisdictions. Definition of the word "tinner." The evidence summarized. Local limits of stannary jurisdiction. Jurisdictions of the Duke, warden, and vice-warden, equitable and appellate. Com-

## CONTENTS

ix

mon law courts of the stannaries. Special and customary courts. Ordinary courts of the stewards. Procedure. Jury trials. Manner of pleas. Presentation of tanners for criminal offences. The courts leet. Analogies in the manor and craft gild. Judicial and administrative functions of the leet. Stannary parliaments. Possible origin from the leet juries. Composition of the parliaments in Cornwall and in Devon in sixteenth and seventeenth centuries. The Charter of Pardon. Procedure in the Cornish Parliament. Was it truly representative of the tanners? The "assistants."

## CHAPTER V

THE STANNARIES AND THE CROWN. TAXATION AND REVENUE . . . . . 131

Stannary taxation. Earliest tax. Early mention of the preëmption of tin. Other early sources of revenue. Changes introduced in 1198. Fiscal regulations of De Wrotham. Institution of the King's mark. Changes in fiscal machinery after 1198. Appointment of bailiffs. Development of the warden's duties. Revision in the thirteenth century to the old policy of farming the stannaries. Fiscal changes in Devon and Cornwall in the thirteenth century. Stannary taxes in 1305 and after. Miscellaneous revenues. Profits of courts. Dublet. Fine of tin. Sale of forfeited tin. Coinage of tin halfpennies and farthings. Tribulage. Black rent. White rent. Preëmption of tin. Its exercise in the fourteenth century. Attitude of the tanners. The preëmption under Elizabeth and the Stuarts. Coinage duties. Machinery for collection. Post coinages. Smuggling of tin. Supervisors of blowing-houses. The end of the stannary taxes.

## CHAPTER VI

PRIVILEGES AND TRADE RULES OF THE TINNERS . . . . . 157

Patronage given the mining classes by English kings. Privileges of tanners. Bounding. Rights of wood and water. Exemption from ordinary taxation. Were the tanners liable to impressment? The tanners and militia service. Were the tanners a gild? Characteristics of the mediæval craft gild. The tanners, as opposed to the members of the gilds, enjoyed complete freedom of individual production. Nature of their trade rules. Publicity of work their chief object. The Forest of Dean miners. Approximation of their laws to those of the ordinary craft gild. Exclusiveness of the Dean miners leads eventually to the loss of their privileges.

## CHAPTER VII

INDUSTRIAL ORGANIZATION IN THE STANNARIES . . . . . 176

Peculiar position of mining in industrial history. Example furnished by the development of the German silver mines. Early rise of the mine partnership formed by workmen who operated the mines under the territorial lords. Tendencies leading to the disintegration of this combination due largely to the growing complexities of mining operations. Stages between the mine partnership and wage work system. The cost agreement. The tribute system. The

## CONTENTS

lease. The coming of wage work in the German mines. Cleavage between capital and labor. Mining conditions in Cornwall as contrasted with those in Germany. Physical contrasts between silver mining and tinning. Absence in Cornwall of seigniorial oversight of operations. Traces of early industrial organization in the Cornish mines. Mine partnerships. Evidences of the cost agreement and tribute system. Traces of the early existence of capitalistic enterprise in the mines. Capitalistic organization of English mines as illustrated by royal silver mines of Devon. Probable economic status of the mediæval miner in England. Later developments in the industrial organization of the stannaries. The stannary people in 1586. Carew's account in 1602. Evidence of Jars and Pryce in the eighteenth century. Summary. Tut and tribute systems to-day. The cost book company.

## CHAPTER VIII

CAPITAL AND LABOR IN THE STANNARIES . . . . .	208
Relations between miners and middlemen. The smelters in the German mines.	
Relations between miners and dealers in France, the Forest of Dean, and Derbyshire. Peculiar situation in the stannaries due to coinage system, and absence of all labor legislation. Early evidences of money advances made by merchants to tanners. Aggravation of these conditions in the sixteenth century. Forms of "usury" as depicted by Beare, Carew, and others. The condition of the laboring tinner. Deterioration of the standard of living from mediæval times. Remedial measures by the Crown. The preëmption of tin. Its failure to relieve the tanners. Success of the Cromwellian policy of abolition of pre-emption and coinage dues. The reaction under Charles II. Wretched condition of the laboring tanners at the close of the seventeenth century and later. Development of the smelter as a middleman in place of the London merchant. Present relations between smelters and tanners.	
CONCLUSION . . . . .	227
APPENDICES	
A. DE WROTHAM'S LETTER OF 1108 . . . . .	233
B. STANNARY CHARTER OF 1201 . . . . .	238
C. DISFORESTING OF CORNWALL, 1215 . . . . .	239
D. STANNARY CHARTER OF 1305, CORNWALL AND DEVON . . . . .	239
E. TINNERS' PETITION AGAINST PESSAIGNE, 1314 . . . . .	241
F. PETITION OF DEVONSHIRE AGAINST THE TINNERS, 1376 . . . . .	242
G. RESOLUTION OF THE JUDGES IN 1608 . . . . .	245
H. RESOLUTION OF THE JUDGES IN 1627 . . . . .	246
I. RESOLUTIONS OF THE PRIVY COUNCIL, 1632 . . . . .	249
J. PRODUCTION OF TIN, 1156-1837 . . . . .	252
K. COINAGE DUTY, 1288-1750 . . . . .	259
L. FARM OF THE TIN, 1156-1214 . . . . .	266

*CONTENTS*

xi

M. THE KING'S MARKS, 1199-1214 . . . . .	266
N. BLACK RENT, 1243-1301 . . . . .	267
O. TRIBULAGE, 1297-1645 . . . . .	267
P. PROFITS OF THE LARGE AND SMALL STAMPS, 1243-1301 . . . . .	268
Q. WHITE RENT, 1288-1642 . . . . .	268
R. FINE OF TIN, 1297-1750 . . . . .	270
S. PROFITS OF THE CORNISH COURTS, 1297-1750 . . . . .	272
T. PROFITS OF THE DEVON COURTS, 1243-1750 . . . . .	273
U. PRICES OF TIN, 1199-1763 . . . . .	275
BIBLIOGRAPHY . . . . .	281
INDEX . . . . .	291

## INTRODUCTION

THE main object of this essay is to show from the history of the Cornish and Devon tin mines, accompanied by references to conditions in other mining districts, the organization of an important part of the English mining industry,—in other words, to bridge the gap in the economic history of England, which, in that of Germany, has attracted numerous investigators.<sup>1</sup>

Two reasons have suggested this choice of subject. In the first place, apart from any connection with mining itself, the commodity tin is a subject which merits historical treatment. The fact that it formed, with lead and wool, the great bulk of England's exports during the Middle Ages, with an importance in international trade hardly less than that of the spices of the East, makes it all the more strange that up to the present day the subject has not been more thoroughly studied. If one excepts the controversial pamphlets in which antiquarians have threshed out the question of the Phoenicians' alleged visitations to Cornwall, comparatively little has been written concerning the history of tin.

A second reason for giving the tanners a central place in the history of the free mines of England is the wealth of historical material for the stannaries, in sharp contrast with the paucity of evidence from other mining districts. The documents relating to the stannaries form a broken but valuable series from the year 1156 down to the present day. They comprise not only the laws of the stannaries, as ratified and extended by some half-dozen local convocations, but also the tanners' charters, the rolls of the mine courts, and the Pipe Rolls, the accounts of the receivers and the auditors of the Duchy of Cornwall, and of the coinage officers. These accounts give, in addition to other statistics, the figures for the annual production of tin, from the twelfth or thirteenth century down to modern times,

<sup>1</sup> See among others, Zycha, *Das böhmische Bergrecht des Mittelalters*; Achenbach, *Das gemeine deutsche Bergrecht*; and Schmoller's masterly summary, *Die Geschichtliche Entwicklung des Unternehmung*, Jb. für Gesetzgebung, xv, 661–710, 963–1028.

which will be found collected in the appendices of this work. Mention should be made also of the Rolls of Parliament, which contain the petitions and counter petition of miners and landlords, and the Statutes of the Realm, the Patent, Close, and Charter Rolls, the Domestic State Papers, and the Treasury Papers, all of which throw considerable light upon the relations between the miners and the Crown. Other series which here and there yield stray bits of information are the so-called Ancient Petitions, the Petitions in Chancery, the Lay Subsidy Rolls, and the reports of the Royal Historical Commission. In the British Museum the manuscript collections of Harley, Lansdowne, Cotton, Hargrave, and Stowe, as well as the series of the Additional Manuscripts, contain useful material concerning the stannaries, although chiefly in connection with the Elizabethan and Stuart tin monopolies.

The order of treatment for the various topics under the main heading of this investigation, I have, after some hesitation, arranged as follows. In the first chapter an attempt will be made to set forth in brief the history of the technical side of tin mining and smelting, including an account of mediæval mining operations, the change from alluvial to lode tinning, and the improvements in mining methods which revolutionized the production of tin in the seventeenth century. The second chapter treats of what may be called the external history of the mines, beginning with the period immediately preceding the tinner's first charter, and including, among other topics, the freeing of the miners from villeinage, the growth of the tin industry, and an account of the trade in tin, in England as exemplified by the history of the pewterers, and abroad as shown by the direction of the exports. In the third chapter I have endeavored, by a brief study of the origins of mineral law in England and elsewhere, to coördinate the history of the British stannaries with that of other mining districts in England, France, Germany, and the Low Countries.

The second half of the essay is concerned more particularly with the miners. Chapter IV takes up the judicial relations between the tanners and the Crown and Duchy authorities, including a study of the mineral courts, their conflicts with outside, and especially with manorial jurisdictions, and finally a treatment of the so-called "parliaments" of the tanners. The following chapter, upon the fiscal

connections of stannaries and Crown, reviews the forms assumed by the stannary taxes, the manner of collection, and the amount yielded. In the sixth chapter we proceed to a consideration of the privileged status of the tanners and of the trade rules under which they worked, with special reference to the character of these rules as contrasted with that of the mediæval gild law. Finally, in the last and in subject the most important chapters, I have attempted to piece together what little information exists with regard to the forms of industrial organization in the stannaries, viewed in the light of similar developments in the mines of Germany, the economic and social status of the mining classes, and their relations with the middlemen, especially the tin merchants and smelters.

Certain limitations of this work should be here indicated. Concerning many fundamental points in mining history it is impossible to obtain enough evidence to warrant definite conclusions. Such a case, for example, arises in connection with the origin of free mining in England, a subject of importance not merely in its bearing on mining history but on that of early property rights in land and on other matters of wide interest. A similar haze surrounds such matters of stannary constitutional history as the administration of the stannaries previous to 1198, and the origin of the tanners' parliaments. But I have endeavored carefully to distinguish between conjecture, inference, and fact, and I trust that this study, despite its manifest imperfections, may throw some new light on the history of a large and little known element in English industrial life, the free miners of England.

## TABLE OF ABBREVIATIONS

Add. MS.....	Additional Manuscripts, British Museum.
Anc. Pet. ....	Ancient Petitions, Record Office.
Bodl. MSS. Add.....	Bodleian Manuscripts Additional.
Bdle. ....	Bundle.
Bk. ....	Book.
Cal. ....	Calendar.
Camb. Univ. MS. ....	Cambridge University Manuscripts.
Chanc. R. ....	Chancery Enrolments.
Chart. R. ....	Charter Rolls.
Close ....	Close Rolls.
Coll. Proc. ....	Collection of Proclamations.
Coll. Sign. Man. ....	Collection of Sign Manual Warrants.
Compl. Min. Laws Derb. ....	Compleat Mineral Laws of Derbyshire.
Convoc. ....	Convocation (or parliament of tinniers).
Cornw. ....	Cornwall.
Ct. R. ....	Court Roll.
Curs. Rec. ....	Cursor's Records (Durham).
Cust. Accts. K. R. (or Cust. K. R.)....	Customs Accounts, Exchequer, King's Remembrancer.
D. B. ....	Domesday Book.
D. O. ....	Duchy of Cornwall Office.
Duchy Accts. Excheq. Aug. Pt. ....	Duchy of Cornwall Accounts, Exchequer, Augmentation Department, portfolio.
Duchy of Lanc. Misc. ....	Duchy of Lancaster, Miscellanea.
Eng. Min. Almanack .....	English's Mining Almanack.
Escheat R. ....	Escheators' Accounts, Enrolments of.
Hales MS. ....	Hales Manuscripts, Lincoln's Inn Library.
Hargrave.....	Hargrave Manuscripts, British Museum.
Harl. ....	Harleian Manuscripts, British Museum.
Hist. MSS. Com. ....	Historical Manuscripts Commission.
H. O. Let. Bk. ....	Home Office, Letter Book.
Hund. R. ....	Hundred Rolls.
Jb. ....	Jahrbuch (für Gesetzgebung, Verwaltung, und Volkswirtschaft im deutschen Reich).
K. R. ....	King's Remembrancer, Exchequer.
L. T. R. ....	Lord Treasurer's Remembrancer, Exchequer.

**ABBREVIATIONS**

L. & P. Hen. VIII.	Letters and Papers, Foreign and Domestic, Henry VIII.
Lans.	Lansdowne Manuscripts, British Museum.
Lay Subs. R.	Subsidy Rolls, Lay.
Min. Accts.	Ministers' Accounts.
Orig. R.	Originalia Rolls.
P. C.	Privy Council.
Parl. R.	Rolls of Parliament.
Pat.	Patent Rolls.
Pet.	Petitions.
Proc.	Proceedings.
Publ.	Publications.
Receiver	Receivers' Rolls.
Rec. Com.	Record Commission.
Reg.	Register.
Rep.	Report.
Rep. Stan. Act Amend. Bill.	Report on Stannary Act Amendment Bill.
S. P. Dom., Col., Ven.	State Papers; Domestic, Colonial, or Venetian Series.
Soc.	Society.
Stat.	Statute.
Trans.	Transactions.
Treas. Pap.	Treasury Papers.

NOTE. Abbreviated titles of periodicals may be readily identified in the list of periodicals included in the Bibliography.

## **APPENDICES**

## APPENDICES

### A

#### *De Wrotham's Letter of 1198.*

HUBERTO Dei gratia Cantuariensi Archiepiscopo et Domino G. filio Petri et omnibus baronibus Domini Regis de Scaccario, vicecomes Devoniae et Cornubiae et Willielmus de Wrotham, Ricardus Flandrensis, Robertus de Champeaus, Ricardus Peverel de Hininton, Ricardus filius Walteri, Ricardus filius Gileberti, Lucas filius Bernardi, Henricus de Alneto, Odo filius Frawini, salutem.

Sciatis vicecomitem Devoniae et Cornubiae recepisse per manum Willielmi de Wrotham praeceptum Domini Cantuariensis Archiepiscopi in haec verba. Hubertus Dei gratia Cantuariensis Archiepiscopus totius Angliae Primas et Apostolicae Sedis legatus vicecomiti Devoniae et Cornubiae salutem. Praecipimus tibi ex parte domini Regis, quod loco G. filii Petri, committas Willielmo de Wrotham omnes stannarias domini Regis in balliva tua et omnia quae ipsas stannarias contingunt. Et stagnatores ei habere facias in ea libertate quam habere debent et solent, facias etiam ei habere omnes illos viros legales quos idem Willielmus tibi nominabit quos ad hoc expedire videritis, qui auxilium et consilium ei conferant ad custodiendum cuneos domini Regis, et omnem exitum ipsarum stanniarum et ad disponendum de prefectu ipsarum. Prohibe etiam omnibus hominibus communiter in balliva tua ne sine licentia ejusdem Willielmi stagnum aliquod asportent per mare vel per terram. Tu ipse etiam ei tantum auxilium facias in praesenti negotio domini Regis expediendo quod bene procedat, nec pro defectu tui dominus Rex aliquod dampnum incurrat. Teste Stephano de Turneham apud Westmonasterium xx die Novembris.

Et sciatis vicecomitem Devoniae et Cornubiae recepisse aliud praeceptum domini Cantuariensis Archiepiscopi in haec verba. Hubertus Dei gratia Cantuariensis Archiepiscopus totius Angliae Primas et Apostolicae Sedis legatus vicecomiti Devoniae et Cornubiae salutem. Praecipimus tibi quod per sacramentum duodecim liberorum et legalium hominum de balliva tua qui melius scient rei veritatem facias diligenter inquire quae fuerint pondera primae futurae et quae pondera secundae futurae, et ea pondera facias de cetero observari sicut dicit tibi lator praesentium Willielmus de Wroteham. Teste G. de Bocland apud Salopesberi vii die Januarii.

Item sciatis nos recepisse literas domini G. filii Petri ut essemus cum Willielmo de Wrotham loco domini G. filii Petri tanquam justiciae ad faci-

endum domini Cantuariensis praeceptum de admensuratione ponderum primae et secundae funturae et de dispositione utilitatis profectus domini Regis de stagno, unde est quod vicecomes Devoniae et ego Willielmus de Wrotham, Ricardus Flandrensis, Robertus de Champeaus, Ricardus Peverel de Henninton, Ricardus filii Walteri, salutamus dominum Hubertum Cantuariensem Archiepiscopum et dominum G. filium Petri et omnes barones domini Regis de Scaccario.

Et mandamus quod in nono decimo die Januarii noni anni regni Regis Ricardi in Devoniam in Comitatu apud Exoniam inquisivimus per sacramentum istorum scilicet Rogeri Rabi, Gervasii Mercer, Admeri de Movinton, Martini Prudhome, Hugonis de Movinton, Walter filii Turberni, Willielmi Hastement, Sansoni nepotis Radulphi, Galfridi Faierchild, Willielmi Daci, Johannis filii Radulphi, Johannis Caperun, Philippide Sede, Aluredi de Brete, Walteri le Bon de Totenais, Walteri Bolt, Humfredi Faber, Ailwardi Burgeis, Oseberti Prigge de Asperton, Ailwardi Faermund, Johannis Prigge, Roberti de Prato, Willielmi de Esse de Plinton, Roberti de la Cnolle, Aluredi de Lega, Helye Mewi, sapientiorum et discretiorum de justis ponderibus stagni Devoniae quod justum et antiquum pondus civitatis Exoniae per quod antiquitus et nunc et semper solebat fieri secunda funtura stagni est de tali quantitate et semper debuit esse quod justum et antiquum pondus de prima funtura stagni antiquitus et nunc et semper octies ponderatum ex se faciebat nonum et facere debet per pondus civitatis Exoniae secundae funturae et hac de causa, scilicet, quia de quolibet miliari per majus pondus ponderato dantur domino Regi de antiqua consuetudine xxx denarii ad firmam de stannariis in Devoniam, et pro custo vecturae ad villas marcandas, et pro eo quod stagnum decidit in secunda funtura, et secundum eorum sacramentum in tali quantitate coram nobis admensurantur et in stannariis Devoniae et in villis constituuntur. Item mandamus quod in suprascripto decimo nono die Januarii noni anni regni Regis Ricardi Willielmus de Wroteham primo recepit stannariam Devoniae et tunc primo cepit operari per pondera in justam et antiquam quantitatem per sacramentum praedictorum juratorum admensurata et constituta. Item vicecomes Cornubiae et ego Willielmus de Wroteham, Ricardus filius Gileberti, Lucas filius Bernardi, Henricus de Alneto, Odo filius Frewini inquisivimus in Cornubia in Comitatu apud Lanzauenton xxv die Januarii noni anni regni Regis Ricardi per sacramentum istorum scilicet Hereberti, praepositi de Bodmine, Nicolai filii Margareti Sawel de Bodmine, Johannis filii Aldredi, Ade Dai, Osberti mercatoris, Stephani filii Beli, Roberti Keustek de Triueriu, Rogeri mercatoris, Ailmari fratri Bernardi, Willielmi de Polstad de Liscaret, Willielmi de Lanteisin, Roberti Dreienos, Fulconis de Liscaret, Roberti Tropinel, Willielmi Cole, Ailsi praepositi de Lanzauinton, Dudemanni de Lanzauinton, sapientiorum et discretiorum de justis ponderibus stagni Cornubiae quod justum et antiquum pondus secundae funturae stagni in villis marcandas Cornubiae antiquitus et nunc et semper solebat esse et debet esse de tali quantitate quod justum et antiquum

pondus primae funturae septies ponderatum faciebat et facere debet ex se octavum per pondus secundae funturae et quod justum et antiquum pondus primae funturae stagni Cornubiae antiquitus et nunc et semper solebat esse et debet esse majus de xxx numeratis stagni quam pondus primae funturae Devoniae et hac de causa, scilicet, quia de quolibet miliari per majus pondus ponderato dantur domini Regis de antiqua consuetudine v solidi ad firmam de stannariis in Cornubia et pro custo vecturae ad villas marcandas, et pro eo quod stagnum decidit in secunda funtura. Et super eorundem sacramentum in tali quantitate coram nobis admensurantur et in stannariis Cornubiae et in villis marcandas constituantur.

Item mandamus quod in suprascripto xxv die Januarii noni anni regni Regis Ricardi Willelmus de Wrotham primo recepit stannariam Cornubiae et tunc primo inde cepit operari per pondera in justam et antiquam quantitatem per sacramentum praedictorum juratorum admensurata et constituta.

Mandamus item quod quia dominus Rex amodo postquam Willielmus de Wrotham suscepit stannariam habebit de novo redditu annuali de quolibet miliari ponderato per pondus secundae funturae unam marcam argenti quae pondera secundae funturae in Devonie et Cornubia per equalem ponderationem admensurantur et per equalem quantitatem constituantur.

Item mandamus quod nec marca domini Regis novi redditus de stagno nec antiquae consuetudines de firma stagni nec pondera de stagno, sicut nobis visum est nullo modo potuerunt melius legalius subtilius commodius ad utilitatem domini Regis et populi provideri quam nunc provisum est per capitula quae de stagno et stannariis in Devonie et Cornubia statuta sunt per consilium nostrum et per providentiam Willielmi de Wrotham anno nono Regis Ricardi, scilicet ista:

Omnes foditores et nigri stagni emptores et de stagno primi fusores et de stagno primae funturae mercatores habent justas et antiquas consuetudines et libertates in Devonie et Cornubia constitutas.

Item justa et antiqua pondera primae et secundae funturae stagni per sacramentum suprascriptorum juratorum statuta et de cuneo domini Regis consignata teneantur.

Item omnes homines communem habent emptionem de stagno in justis et antiquis et liberis consuetudinibus sicut debent et solent per marcam de quolibet miliari secundae funturae.

Item in burgis et in villis mercandis in quibus capitalis custos stanniarum statuerit secundam funturam de qua dominus Rex de quolibet miliari de novo debet habere unam marcam, fiat ponderatio secundae funturae stagni per pondus civitatis Exoniae et illud pondus signetur cuneo domini Regis de marca.

Item pondus civitatis Exoniae constitutum semper sit custoditum in custodia duorum legalium hominum in villis mercandis et in custodia clericorum ex parte domini Regis constituti.

Item cuneus de marca per quod pondus debet signari et omne stagnum secundae funturae semper sit custoditus sub sigillo custodis ponderis secundae funturae et clericis ex parte domini Regis constituti, nisi dum per eum signant.

Item custodes secundae funturae et clericus diligenter et memoriter sicut propria corpora sua in breviare faciant omnia miliaria et centum et libras quae per pondus et cuneum custodiae suaे ponderentur et signentur in toto anno.

Item in qualibet villa ubi fuerit secunda funtura constituantur duo legales et divites homines qui recipiant de mercatoribus marcam domini Regis coram custodibus et clericis secundae funturae et cunei ad ponderationem et signationem suam et clericus et custodes cunei non permittent stagnum asportari donec thesaurarii domini Regis marcam domini Regis et consuetudinem de stagno receperint.

Item thesaurarii domini Regis de marca faciant de averio domini Regis dicas et cyrographa contra custodes et clericum ponderis et cunei. Et in cyrographis continuantur dies receptionis et nummus recepte et numerus miliarium et centum librorum unde fuerit receptio et nomina mercatorum qui stagnum acquietaverint.

Item thesaurarii domini Regis simili modo per dicas et per hujusmodi cyrographa tradant capitali custodi de stannariis averium domini Regis.

Item capitalis custos vel aliquis minister suus nullo modo praesumat vexare thesaurarios domini Regis in vita eorum vel heredum eorum post obitum patrum dum rationabile acquietaverint se de receptionibus averii domini Regis secundum dicas et cyrographa facta contra custodes secundae funturae et clericum domini Regis.

Item custodes cunei et ponderis et clericus domini Regis salve custodianter semper in communi custodia sua sub sigillis suis dicas et cyrographa facta contra thesaurarios et in tali firmura quod quilibet eorum habeat clavem suam et diversam.

Item clerici notariorum de marca domini Regis et de cyrographis marcarum retineantur ad stipendum et liberationem domini Regis.

Item in qualibet villa ubi fuerit secunda funtura extra muros civitatis Exoniae et extra villam de Bodmene constituatur una domus per conductionem domini Regis ubi fiat tota secunda funtura et ponderatio et signatio, et nullus praesumat alibi facere secundam funturam nec ponderationem nec signationem sicut amat se et sua.

Item in civitate Exoniae et in villa de Bodmene fundatur stagnum in secundam funturam in locis sicut semper solebat eo tamen servato, quod nullus praesumat sicut amat se et sua facere secundam nisi coram custodibus ponderum et funturae et clericis ex parte domini Regis constitutis.

Item non praesumat aliquis in villis mercandis habere aliqua pondera per quae ponderet stagnum nisi coram custodibus ponderis prius per pondus domini Regis admensurentur et per cuneum domini Regis de marca signentur.

Item ad custodiendum pondus primae funturae et cuneum de firma de quibus dominus Rex habebit antiquas consuetudines suas pertinentes ad firmam stannariae constituantur duo legales homines et clericus ex parte domini Regis coram quibus omne stagnum primae funturae ponderetur et signetur.

Item custodes et clericus primae funturae stagni sicut amant se et sua diligenter et memoriter in breviare faciant omnia miliaria et centum et libras quae fuerint ponderata et signata per pondus et cuneum custodiae suae per totum annum.

Item non praesumat homo nec femina Christianus nec Judaeus vendere vel emere aliiquid de stagno primae funturae vel donare vel asportare nec extra stannarias nec extra loca ad ponderationem et signationem primae funturae constituta donec ponderetur et signetur coram custodibus et clericis ponderis et cunei de firma.

Item non praesumat homo nec femina Christianus nec Judaeus in stannariis vel extra stannarias habere aliiquid de stagno primae funturae ultra quindenam nisi sit ponderatum et signatum per custodes et clericum de pondere et cuneo firme.

Item non praesumat homo nec femina Christianus nec Judaeus in villis et burgis mercandis in mari vel in terra ultra tresdecim septimanas habere stagnum de prima funtura ponderatum que signatum per pondus et cuneum primae funturae nisi sit positum in secundam funturam et acquitatum de marca.

Item non praesumat homo nec femina Christianus nec Judaeus aliquo modo asportare stagnum nec per terram nec per mare extra Devoniam et Cornubiam nisi prius habeat licentiam capitalis custodis stanniarum.

Item constituentur boni et legales homines in portibus circiter Devoniam et Cornubiam qui capiant sacramentum omnium sturemannorum et marinellorum navium ibi applicantium quod non asportabunt nec asportari permittent in navibus suis stagnum nisi sit per regias consuetudines ponderatum et signatum et nisi habeant breve capitalis custodis stanniarum.

Item cuneus de firma semper sit custoditus sub sigillo custodis et clerici nisi dum per eum signant in locis constitutis.

Item in omni ponderatione de stagno quod linguae staterae rectum judicet inter pondus stagnum ita quod pro voluntate emptoris non traheatur lingua staterae versus stagnum ultra judicium equitatis staterae.

Et ut dominus Rex et dominus Hubertus Cantuariensis Archiepiscopus, et dominus G. filius Petri, et omnes barones de scaccario sciant nos diligenter et memoriter imposuisse omnem curam et studium et sollicitudinem nostram cum Willielmo de Wroteham ad utilitatem domini Regis de stagno providendam, et quod dominus Rex de cetero non possit leviter per aliquem de mundo falli nec decipi; quatuor cyrographa inde fecimus unum mittentes domino Cantuariensi et baronibus de scaccario, alterum domino G. filio Petri, tertiam in communi custodia thesaurariorum domini Regis de marca et custodum cuneorum et ponderum Devoniae et

Cornubiae tradentes, quartum Willielmo de Wroteham in testimonium liberantes. In quolibet cyrographo sigilla nostra apponentes.

*Black Book of the Exchequer*, No. 10.

## B

*Stannary Charter of 1201.*

Rex archiepiscopis etc. salutem. Inspeximus cartam quam dominus Johannes rex pater noster fecit stannatoribus nostris in Cornubia et Devonia in haec verba:— Johannes Dei gratia rex Angliae etc., archiepiscopis, episcopis, abbatibus, comitibus, baronibus, justiciariis, vicecomitibus, forestariis et omnibus ballivis et fidelibus suis salutem. Sciatis nos concessisse quod omnes stannatores in Cornubia et Devonia sint liberi de placitis nativorum, dum operantur ad commodum firmae nostrae vel commodum marcarum novi redditus nostri, quia stannariae sunt nostra dominica, et quod possint omni tempore libere et quiete absque alicujus hominis vexatione fodere stannum et turbas ad stannum fundendum ubique in moris et in feodis episcoporum et abbatum et comitum, sicut solebant et consueverunt, et emere buscam ad funturam stanni sine vasto in regardis forestae, et divertere aquas ad operationem eorum in stannariis, sicut de antiqua consuetudine consueverunt, et quod non recedant ab operationibus suis pro alicujus summonitione, nisi per summonitionem capitalis custodis stanniarum vel ballivorum ejus. Concessimus etiam quod capitalis custos stanniarum et ballivi ejus per eum habeant super praedictos stannatores plenariam potestatem ad eos justificandos et ad rectum producendos et quod ab eis in carceribus nostris recipiantur, si contigerit quod aliquis praedictorum stannatorum debeat capi vel incarcерari pro aliquo recto; et si contigerit quod aliquis eorum fuerit fugitivus vel utlagatus, quod catalla eorum nobis reddantur per manus custodis stanniarum nostrarum quia stannatores firmarii nostri sunt et semper in dominico nostro. Praeterea concessimus thesaurario et ponderatoribus nostris ut sint fideliores et intentiores ad utilitatem nostram in receptione et custodia thesauri nostri per villas marcandas, quod sint quieti in villis ubi manent de auxiliis et tallagiis dum fuerint in servitio nostro thesaurarii et ponderatores nostri, quia nichil aliud habent vel habere possunt per annum pro praedicto servitio nostro. Hiis testibus W. comite de Sarisberio, Petro de Stokes, Warino filio Geroldi, Roberti de Ros, Pedro de Rupibus, thesaurario Pictavensi. Data per manum S. Wellensis archidiaconi apud Bonam Villam super Tokam xxix die Octobri anno etc. tertio.

Nos autem praedictam concessionem ratam habentes et gratam, eam pro nobis et heredibus nostris concedimus et confirmamus sicut praedicta carta rationabiliter testatur. Hiis testibus . . . Data per manum nostram apud Merton, ii die Aprilis.

*Charter Roll, 36 Henry III, m. 18. (Charter Roll, 3 John, is wanting.)*

## C

*Disforesting of Cornwall.*

Johannes Dei gratia Rex Angliae etc. Sciatis nos dedisse concessisse et hac carta nostra confirmavisse hominibus nostris Cornubiae quod morae de Fainmora, Gundwragh et bruwii de Warham et Kellibullugh quae retinuimus in manu nostra in foresta quando deafforestavimus totum residuum Cornubiae et carta nostra confirmavimus deafforestentur, ita quod soluti et quieti sunt de nobis et heredibus nostris in perpetuum de omnibus quae ad forestam vel forestarium pertinent. Et quod omnimodam venacionem capiant sine impedimento in predictis moris et bruillis, quia praedictae morae non sunt de dominico nostro sed militum et vicinorum et libere tenencium. Praeterea concessimus eis quod habeant libertates et liberas consuetudines quas habere solebant tempore Henrici Regis patris nostri scilicet ne perdant aliquid de serviciis vel consuetudinibus quas habere solebant aut de hominibus et nativis suis occasione stagniarum, sed eant homines sui ad stagnum qui voluerint salvis serviciis et consuetudinibus quas habent de aliis nativis suis non euntibus ad stagnum.

Concessimus etiam eis ne nativi sui recipiantur in libertates burgorum nostrorum vel aliorum sine assensu dominorum suorum aliter quam conssueverunt tempore Henrici Regis patris nostri. Concessimus etiam eis quod vicecomes patriae habeat custodiā portuum et escaefarum et non alii quam vicecomes sicut tempore Henrici Regis patris nostri consuevit habere.

Concessimus etiam eis ne feoda de Moretoini graventur de scutagiis aliter quam fuerunt tempore Henrici Regis patris nostri quae dare solebant xii solidos et vi denarios quando viginti solidi dabantur de scuto. Et quod liberi sint de donis auxiliis et hospiciis vicecomitis in perpetuum. Quare volumus et firmiter etc., quod praedicti homines Cornubiae et heredes sui habeant et teneant in perpetuum de nobis et heredibus nostris haec omnia supradicta bene et in pace libere quiete et integre cum omnibus libertatibus et liberis consuetudinibus sicut praedictum est. Testibus [etc.] . . . Data per manum magistri Ricardi de Mariscis, Cancellarii nostri apud Novum Templum, London xxii die Aprilis anno regni nostri xvi<sup>mo</sup>.

*Charter Roll, 16 John, m. 2.*

## D

*Stannary Charter of 1305, Cornwall and Devon.*

Rex, archiepiscopis, etc., salutem. Sciatis nos ad emendationem stanniarum nostrarum in comitatu Cornubiae et ad tranquillitatem et utilitatem stannatorum nostrorum earundem concessisse pro nobis et heredibus nostris quod omnes stannatores praedicti operantes in stannariis illis quae sunt dominica nostra dum operantur in iisdem stannariis sint

liberi et quieti de placitis nativorum et de omnibus placitis et querelis curiam nostram et heredum nostrorum quoque modo tangentibus; ita quod non respondeant coram aliquibus justiciariis vel ministris nostris seu heredum nostrorum de aliquo placito seu querela infra praedictas stannarias emergenti, nisi coram custode nostro stannariarum nostrarum praedictarum qui pro tempore fuerit, exceptis placitis terrae et vitae et membrorum, nec recedant ab operationibus suis per summonitionem alicujus ministeriorum nostrorum seu heredum nostrorum, nisi per summonitionem dicti custodis nostri. Et quod quieti sint de omnibus tallagiis, theloniis, stallagiis, auxiliis et aliis custumis quibuscumque in villis, portubus, feriis, et mercatis infra comitatum praedictum de bonis suis propriis. Concessimus etiam eisdem stannatoribus quod fodere possint stannum et turbas ad stannum fundendum ubique in terris, moris et vastis nostris et aliorum quorumcumque in comitatu praedicto, et aquas et cursus aquarum ad operationes stanniarum praedictarum divertere, ubi et quotiens opus fuerit, et emere buscam ad funturam stanni, sicut antiquitus fieri consuevit, sine impedimento nostri vel heredum nostrorum, episcoporum, abbatum, priorum, comitum, baronum, seu aliorum quorumcumque, et quod custos noster praedictus vel ejus locumtenens teneat omnia placita inter stannatores praedictos emergentia, et etiam inter ipsos et alias forinsecos de omnibus transgressionibus, querelis et contractibus factis in locis in quibus operantur infra stannarias praedictas similiter emergentia. Et quod idem custos habeat plenam potestatem ad stannarios praedictos et alias forinsecos in hujusmodi placitis justiciandos et partibus justiciam faciendam prout justum et hactenus in stannariis illis fuerit usitatum. Et si qui stannariorum praedictorum in aliquo deliquerint per quod incarcerari debeant, per custodem praedictum arestentur et in prona nostra de Lostwythiel et non alibi custodianter et detineantur quousque secundum legem et consuetudinem regni nostri deliberentur. Etsi aliqui stannatorum praedictorum super aliquo facto infra comitatum praedictum non tangent stannarias praedictas se posuerint in inquisitione patriae, una medietas juratorum inquisitionis hujusmodi sit de stannatoribus praedictis, et alia medietas de forinsecis. Et de facto totaliter tangenti stannarias praedictas fiant inquisitiones sicut hactenus fieri consueverunt. Et si quis eorundem stannatorum fugitivus fuerit vel utlagatus, vel aliquod delictum fecerit pro quo catalla sua amittere debeat, catalla illa per custodem praedictum et coronatorem nostrum comitatus praedicti apprecentur, et per ipsos proximis villatis liberentur ad respondendum inde nobis et heredibus nostris, coram justiciariis itinerantibus in comitatu praedicto. Volumus insuper et firmiter praecipimus quod totum stannum tam album quam nigrum, ubique inventum et operatum fuerit in comitatu predicto, ponderetur apud Lostwithiel, Bodmynran, Liskiriet, Treueru, vel Helleston per pondera nostra ad hoc ordinata et signata, sub forisfactura totius stanni praedicti, et quod totum illud stannum coignietur in eisdem villis singulis annis coram custode praedicto ante diem Sancti Michaelis in

Septembri, sub forisfactura praedicta. Et concessimus pro nobis et heredibus nostris quod omnes stannatores nostri praedicti totum stannum suum sic ponderatum licite vendere possint cuicunque voluerint in villis praedictis, faciendo inde nobis et heredibus nostris coignagium et alias consuetudines debitas et usitatas, nisi nos vel heredes nostri stannum illud emere voluerimus. Quare volumus et firmiter praecepimus pro nobis et heredibus nostris quod stannatores nostri praedicti habeant omnes libertates, liberas consuetudines et quietancias supradictas, et quod eis sine occasione vel impedimento nostri vel heredum nostrorum justiciariorum, escaetorum, vicecomitum et aliorum ballivorum seu ministrorum nostrorum quorumcumque, rationabiliter gaudeant et utantur forma praedicta . . . Data per manum nostram apud Westmonasterium decimo die Aprilis anno regni nostri tricesimo tertio.

*Charter Roll, 33 Edward I, m. 8, No. 40.*

(On the same date a similar charter was issued to the Devon tanners, in which the only difference is that the places of coinage are at Tavistock, Ashburton, and Chagford, and the stannary prison at Lidford. See *Charter Roll, 33 Edward I, m. 8, No. 41.*)

## E

### *Tinners' Petition against Pessaigne.*

A nostre Seigneur le Roi et a son Conseil prient ses Gentz de Cornewaille remedie, de l'Esteym q'il ad grante a Antonyn de Pisane en le Conte de Cornewaille, en grant damage de luy et de son people; pur ceo que le dit Antonyn de Pisane par ses marchaunz fet destreindre les gentz du pais, qe le Esteym ount vendre, del dit Esteym carier a Lostuthiel et les facent peiser a sa volonte demeyne par nient leal peys, et ne donne pur le miller que xlii. ou il poient de autre marchant prendre vi marces. Dount, par encheson qe les dytz Estaymours ne pount aver la value de lur overaygne de l'Esteym, quore ou il y aveyt treys mil Estaymours overanz en Cornewaylle pur le profit le Roy a la venue del dit Antonyn, meytenant il ny ount mye cynk cenz Estaymours overanz; dount le Roys perdera de son coignage en cest an vi cent livres a meyns, et plus de an en an si remedie ne soit mys, dunt la myne del tut se anentira. E del hour qe les mores seyent estopez, et les Estaymours seyent pris as autres overaynes come avant estoient, et est a damage du Roi saunz estimation, et son poeple destruit de meisme le pais, que prest sont averrer que le dit Antonyn par ses marchantz lour ad tollet par estorsion vi M li. en ceux deux annz et demy, en apernont lour Esteym contre lour volente, et en peysant come desus est dit, en donant pur miller meyns quatre marces xii s. iiiii d. come home lem pout as autres marchandz vendre. Dont par le dit esteyme les gentz del dit pais soleynt estre servi dest Drapes, Vines, Fere, Seel et autres

marchandz dount ore rien ne vient a regard, totes queles chosez susditz prest sont d'averrer, pur le profit nostre Seigneur le Roi et du poeple, par inspection des Aceountes des Viscontes du pais ou par enquest, a la volente nostre Seigneur le Roy et de son Consail.

*Parl. R.*, i, 308.

## F

### *Petition of Devonshire against the Tanners.*

A tres-excellent et tres-redoute Seigneur, nostre Seigneur le Roi, supplie sa povre Commune del Counte de Devenshire, que luy plese, par l'avys des Prelatz, Countes, Barons, et autres Sages en cest present Parlement, ordeigner remede, de ceo que les Esteymours, et les Ministres de l'Esteymerye el dit Countee ont long temps ala dit Commune, si bien as Seigneurs come as autres, fait et font de jour en autre diverses extortions, oppressions, et grevaunces, par colour de les Fraunchises a eux grantez par les Chartres nostre Seigneur le Roi, et de ces Progenitours, encontre la Ley et le purport des ditz Chartres, et par lour malveys interpretation d'ycelles: Et que les dites Chartres et les Franchises comprises en ycell, puissent estre lieuz et declarez d'article en article, si que la Commune du dite Countee puissent estre apris droiturement d'ycelles, et que cest declaration soit mys en record. Et si nul article y soit en les dites Chartres que touche Custumes ou Usages, que plese a nostre dit Seigneur le Roi d'ordeigner, et maunder en brief temps suffisantz Justices, Seigneurs et autres apris de la Ley, a celles parties, d'enquere des dites Custumes et Usages; et q'ils eyent poair d'oier et terminer touz les conspiraciez, confederaciez, alliauncez, champertiez, extorcions, oppressions, grevaunces, fauxines et meyntauncez, queux les ditz Esteymours et lour Ministres ont fait a la dite Commune, ou a nul de eux q'i pleyndre se vorra; et ce auxi bien al seute le Roi come de la partie, entendantz, que le Roi nostre Seigneur ent gaygnera molt. Et d'autre part, si remedie ne lour y soit ore fait, ils serront en brief temps pur la greyndre partie desheritez et destruitz a touz jours, que Dieu ne voille.

Le tenour d'ascuns des Articles de les dites Chartres que lour busoignent de declaration s'ensuent cy en apres.

Primerement, c'est assavoir;

Sciatis nos ad emendationem Stanniarum nostrarum in Comitatu Devoniae, ad tranquillitatem et utilitatem Stannatorum nostrorum praedictorum earundem, concessisse pro nobis et heredibus nostris, quod omnes Stannatores praedicti operantes in Stannariis illis quae sunt Dominica nostra, dum operantur in eisdem Stannariis liberi sunt et quieti de Placitis Nativorum et de omnibus Placitis et Querelis Curiam nostram et heredum nostrorum qualitercumque tangentibus; Ita quod non respondeant coram aliquibus Justiciariis vel Ministris nostris seu heredum

nostrorum, de aliquo Placito seu Querela infra praedictas Stannarias emergentibus, nisi coram Custode nostro Stanniarum nos rarum praedictarum qui pro tempore fuerit; exceptis Placitis terrae, vitae, et membrorum. Nec recedant ab operationibus suis per summonitionem alicujus Ministrorum nostrorum seu heredum nostrorum nisi per summonitionem communem dicti Custodis nostri. Et quod quieti sint de omnibus tallagiis, theloniis, stallagiis, auxiliis, et aliis custumis quibuscumque, in Villis, Portibus, Feriis, et Mercatis, infra Comitatum predictum, de bonis suis Propriis etc.

Sur quoi ples declarer, si autres personnes que les Esteymours overant en les Esteymerys averont et enjoyeront la Fraanchise grante par la dite Chartre du Roi desicome la dite Chartre voet, "Quod omnes Stannatores predicti operantes in Stannariis illis sint liberi etc." Et autres personnes que les Overours, C'est assavoir lour Maistres q̄i les louent, et leurs Servantz et autres claymont mesme la Fraanchise. Et auxint ples declarrer, si les ditz Overours y averont les Fraunchises en autre temps que quant ils overont enmesme l'Esteymerye, desicome la Chartre voet "... dum operantur in eisdem Stannariis sint liberi etc."

Endroit de les ditz paroles, "Operantes in Stannariis illis, et dum operantur in eisdem Stannariis . . ." soient clercement entenduz ". . . De Operariis laborantibus dumtaxat in Stannariis illis sine fraude et dolo, et non de aliis nec alibi laborantibus."

Item soit declarre, si mesmes les Overours averont mesmes les Fraunchises tant come ils overont aillours qu'en les Demesnes que feurent au Roi l'ail nostre Seigneur le Roi q'ore est, luiquel Roi aiel leur grantast la dite Chartre, au temps del dit Grant des Fraunchises, desicome la Chartre voet ". . . Quod omnes Stannatores predicti operantes in Stannariis illis quae sunt Dominica nostra, dum operantur in eisdem Stannariis sint liberi etc." Et ils les clayment d'avoir, tout soit il einsi q'ils overont aillours q'en les dites Demesnes le Roi l'ail.

Endroite de ceste Article; pur ce q'il y a une autre Article en mesme la Chartre que lour donne congie et licence de fouer ". . . In terris, moris, et vastis ipsius Domini Regis et aliorum quorumcumque in Comitatu predicto, et aquas et cursus aquarum ad operations Stanniarum predictarum divertere ubi et quotiens opus fuerit, et emere buscam ad functuram Stanni, sicut antiquitus fieri consuevit, sine impedimento Domini Regis, Heredum suorum, Episcoporum, Abbatum, Comitum, Baronum, seu aliorum quorumcumque etc." Il semble bien busoignable chose en ce cas, que lours Custumes et Usages soient diligaeument enquiz. Et que le Gardein de l'Esteymerye soit chargez, q'il ne soeffre nul Overour del dit Esteymerie fouer en prees ne autry boys, ne ne abate autry boys, ou autry mesons, ne bestonerer eawe ou cours de eawe par malice. Et si par cas le dit Gardain se y vorra excuser, que les ditz Esteymours n'y voillent obeire a ses mandementz, ne cesser lour malice pur luy, que tantost il ce face monstrer al Grant Conseil le Roi et due et hastive remede ent serra ordeinez.

Item soit declarrez en especial, comen les Justices q'ore serront assinez d'aler celles Marchees pur ent faire la dite Enquerree, prendront l'issue du Pays si ascun y chiece entre parties; et coment ceste Article precedent touchant les Custumes et Usages estoit usez devaunt la fesaunce de la dite Chartre l'iel; et par queux gentz telle issue serra trie: C'est assavoir, lequel par Foreins soulement, ou par Esteymours soulement, ou par ambedeux etc.

Endroit de ceste Article, en soit l'advis pris du Grant Conseil; et y soient les Recordz en Eyre, si nulles y soient, et autres Evidences et Remembrances deinz le Tresorie le Roi, et aillours, et auxint les Remembrances des Seigneurs queux y ont este pur le temps, serchez et duement examinez: Et auxint soient les livres et evidences quelles les ditz Esteymours ent ont envers eux veuez et regardez, issint que l'en y purra le mieltz venir al droite veritee.

Item soit declarre, si le Gardein de l'Esteymerye puisse tenir Plee entre Esteymour et Foreyn, de querele sourdante aillours que en les lieux ou ils sont overantz, desicomme la Chartre voet "... Quod Custos noster praedictus, vel ejus Locum tenens, teneat omnia Placita inter Stannatores praedictos emergentia, et etiam inter ipsos et alias forinsecos, de omnibus Transgressionibus, Querelis, et Contractibus factis in Locis in quibus operantur infra Stannarias praedictas similiter emergentia etc." Qar il tient Plee des tieux Quereles sourdantz chescune part deins le dit Countee.

Et endroit de cest article, se ent extende la Jurisdiction clerement solonc les paroles del dit Chartre; C'est assavoir "... In locis ubi iidem Operarii operantur . . ." et nemye aillours, ne en autre manere.

Item plese declarer de ceo que la dite Chartre voet einsy, "... Et si qui Stannatorum praedictorum in aliquo deliquerint per quod incarceratedebeant, per Custodem praedictum arrestentur, et in prisiona nostra de Lydeford et non alibi detineantur, quounque secundum legem et consuetudinem Regni nostri deliberentur . . ." Et en cas que Esteymour soit pris pour felonie, et liverez au Gardein, il est suffert sovent d'aler a large, de quoi grant peril avient moelt des foitz; et auxint de ce que la delivrance del dit gaiole n'est pas faite une foitz en dis ans. Et que pis est, par colour de mesme ceste Article, le dit Gardein prent hors d'autry prisone les emprisonez pur arrerages sur accomptez, et les mette a Lydeford, ou ils sont en tant favorez q'ils n'y font force de jamais faire gree a lour Seigneurs.

Endroit de ceste Article, en soit enquiz diligaeument, devant les Justices q'ore y serront proscheinement assinez d'enquere, par quelle auctoritee ils y font einsi; depuis qu'en mesme la Chartre sont exceptez par especial touz Plees de terre, et de vie, et de membre; et celle Enqueste retournee, soit declaree en especial s'il busoigne.

*Rot. Parl., ii, 343, 344. (The duplicate petition from Cornwall substitutes Lostwithiel for Lidford.)*

## G

*Resolution of the Judges in 1608.*

The Resolution of all the Judges by force of his Majestyes letters concerningy the stannaries in Devon and Cornwall, upon the hearing of the Councell learned of both partyes at severall dayes and what could be alledged and shewed on either party and upon viewe and hearing of the former proceedings in the Courts of the Stannarie, both before and since a certaine Act of Parliament made concernyng the Stannaries in quinagesimo Edwardi tercii vicesimo sexto Novembris, millesimo sexcentesimo octavo at Serjeants Inne.

First we are of opynion that as well Blowers as all other Laborers and workers without fraud or covyn in or about the Stannaries in Cornwall and Devon are to have the priviledge of the Stannaries duryng the tyme that they doe worke there. Secondly, that all matters and things concernyng the Stannaries or depending upon the same are to be heard and determyned in those Courts according to the custome of the same, tyme out of mynd of man used. Thirdly, that all transitory actions betweene Tynner and Tynner or worker and worker (though the case be collateral and not perteyning to the Stannarie) maye be heard and determyned within the Courts of the Stannaries according to the Custome of the said Courts, albeit the cause of accion did rise in any place out of the Stannaries, if the defendant be found within the Stannarie, or may be sued at the Common Lawe at the election of the Plaintiffe, but if the one party only be a tynner or worker, and the cause of accion being transitory and collateral to the stannarie doe rise out of the said stannaries, then the Defendant maye by the custome and usage of those courts plead to the Jurisdiccion of the Court that the cause of accion did rise out of the Stannaries and the Jurisdiccion of those courts which by the custome of the Court he ought to plead in proper person upon oath. And if such plea to the Jurisdiccion be not allowed, then a prohibicion in that case is to be granted, and if in that case the defendant doe come to pleade to the Jurisdiccion of the Court upon his oath, he ought not to be arrested eundo redeundo vel morando, at the suite of any subject, in anye Corporacion or other place where the said Courts of the Stannerie shalbe then holden.

Fourthly, if the Defendant maye plead to the Jurisdiccion of the Court in the case before mencioned and will not but plead and admitt the Jurisdiccion of the Court and Judgment is given and the body of the defendant taken in execucion, the Party cannot by Lawe have any accion of false imprisonment, but the execucion is good by the custome of that Court; but if in that case it doth appeare by the Plaintiffe's owne shewing that the contract or cause of accion was made or did rise out of the Stannaries and the Jurisdiccion of those Courts or if it appearre by the condicion of the bond whereupon the accion is grounded that the condicion was to be performed in any place out of the Jurisdiccion of those Courts then all

the proceedings in such cases upon such matter apparent are coram non Judice.

Fifthly, We are of opynion that noe man ought to demurre in that Court for want of forme, but only for substance of matter, as if an accion be brought there for words which will beare no accion or an accion of debt upon a contract against executors or admynistrators or such like. In such cases a Demurrer maye be upon the matter and that the proceedings there must be according to the custome of those courtes used tyme out of mynd of man for that noe wrift of error doth lye upon any Judgment given there but the remedy given to the party grieved is by appeale as hath byn tyme out of mynd of man accustomed.

Sixtly, that the Courts of the Stannary have not any Jurisdiccion for any cause of accion that is locall rising out of the stannary.

Seaventhly, that the Priviledge of the workers in the Stannaries do not extend to any cause of accion that is locall rising out of the Stannaries nor for any cause locall rising within the Stannaries whereby any Freehold shall be demaunded, for that makers of life, member, and Plea of Land are excepted by expresse words in their charters and noe man can be exempt from Justice.

Thos: Fleming.

Edw: Coke.

Et memorandum quod vicesimo quarto die Januarii anno regni domini nostri Regis Jacobi Angliae Franciae et Hiberniae sexto et Scotiae quadragesimo secundo, Willielmus comes Pembrochiae venit in Cancellariam dicti domini Regis et protulit tunc et ibidem chartam praedictam sub manibus praedictorum Thomae Flemyng militis, capitalis Justiciarii dicti domini Regis ad placita assignati, et Edwardi Coke militis capitalis Justiciarii dicti domini Regis de Banco signatam, et petuit ut eadem in rotulis cancellarie dicti domini Regis irrotulari possit ad cuius quidem comitis instantiam de verbo in verbum ut praescriptum est. Irrotuletur vicesimo quarto die Januarii anni praedicti.

*Close Roll, 6 James I, pt. v.*

## H

### *Resolution of the Judges in 1627.*

Apud Sergeantes Inne in Fleet Streete decimo quarto Novembris anno regni regis Caroli terci 1627.

Whereas sithince a Resolucion heretofore made by all the then Judges upon the six and twentieth day of November in the sixth yeare of the raigne of our late gracious soveraigne lord Kinge James concerninge the Stannaries of Devon and Cornwall, which resolution is inrolled in the high Courte of Chancery, some difference have growne and arisen about the true intente and meaninge of some of the articles in the said resolucion by the misinterpretacion whereof, and by the enlarginge the said resolucions

in some parte, contrary to the expresse words thereof, and by some mis-carriage of some of the under officers there, and likewise by the Bayliffs, great greivances and vexacions have of late happened to the inhabitants of the said countys.

And whereas the right honorable William, Earle of Pembroke, lord Steward of the King's houshold, Lord Warden of the Stannaries and one of his Majesty's most honorable privie Counsell hath referred the explanation of the said resolucion and the orderinge of the differences to all his Majesty's judges — Wee haveinge perused the said resolutions and haveinge heard the Counsell learned on both sides and haveinge alsoe heard his Majesty's Attorney Generall, doe explaine the first article of the said resolucion in this manner followinge.

That is to saie that as well Blowers as all other laborers and workers without fraude or coven in or about the Stannaries in Cornewall and Devon are to be taken for such tynners as are to have the priviledges to sue and to be sued in the Courts of the Stannaryes, durante the tyme they worke there and not longer, and noe other Tynners whatsoever, for although many persons may be styled Tynners, as the Jurates of the severall Stannary Courts, owners, adventurers, undertakers in Tynne Mynes and such like, yett nevertheless the Tynners which are to have the priviledge only to sue and to be sued in the Courts of the Stannaryes and not elsewhere are such Tynners as are the blowers and all other labourers and workers of the said workes, whose personall attendance are necessary to be employed in the said Tynne workes durante the time they worke or attende there and not longer, and noe other Tynners whatsoever, which doth appeare soe to be by former resolucions in parliamente as well as the fiftieth and one and fiftieth yeare of Kinge Edward the third, when Richard then Prince and Duke of Cornewall interceded, as alsoe in the eight yeare of the raigne of the said Richard, when hee was Kinge which was finally resolved in these words followinge. Pro stannatoribus in comitatu Devoniae Rex vicecomiti Devoniae salutem. Cum inter ceteras libertates et quietantias stannatoribus nostris in comitatu praedicto per Cartam domini Edwardi quondam Regis Angliae progenitoris nostri filii regis Henrici quam dominus Edwardus quondam Rex Angliae proavus noster ac Dominus Edwardus nuper rex Angliae avus noster per Cartas suas confirmaverunt concessum sit iisdem quod omnes Stannatores praedicti operantes in Stannariis illis quae sunt dominica nostra dum operantur in eisdem Stannariis sint liberi etc. volumus ac dictus avus noster per literas suas patentes post modum declaravit quod quaedam verba superius expressa sub modo et forma sequenti capiantur et intelligantur videlicet quod operantes in stannariis illis et dum operantur in eisdem stannariis intelligantur clare de operariis laborantibus duntaxat et Stannariis illis sine fraude et sine dolo et non de aliis nec alibi laborantibus.

And as touchinge the third Article of the said resolucion which doth concerne the extente of the Stannaries, but what place or places shalbe

taken to be within the Stannaries and what places to be without, now controverted before us, wee are of the opinion that every village, Tythinge or Hamlett and all lands, Tenements, Commons, Moores, wastes and groundes within any of the said Villages, Tithinges and Hamletts wherein any such tynne worke now is, or at any time hereafter shalbe settled, found and wrought shalbe taken and accompted to be within the Stannaries duringe the continuance of any such Worke only and noe longer, and noe other place, which alsoe is confirmed by the said last mencioned resolucion in 8 R. 2., in these words. *Et quod ad dictum articulum quod custos praedictus vel ejus locum tenens teneat omnia placita inter Stannatores emergentia extendet se clare Jurisdictio juxta vim verborum Chartae supradictorum, videlicet, in locis ubi iidem operarii operantur et non alibi nec alio loco prout in Cartis, confirmationibus et literis praedictis plenius continetur.*

And haveinge perused all the rest of the articles of the said resolucion are of opinion that they are to be pursued and followed in all things and that if these explanacions shall not be pursued hereafter, that then all the proceedings in their Stannary Courts contrary to these explanacions shalbe voyd and Coram non Judice in such sorte as other things in the said Articles are appoynted to be when they are not pursued, and that the parties greived therein may take theire remedie at the Common Lawe and that prohibicions and Habeas Corpus may be granted in these Cases respectively when any such cause shall happen. Irrotuletur. Tho: Coventrye C. S., Ni: Hyde, Tho: Richardson, Io: Walter, Iohn Doddridge, Io: Denham, Richard Hutton, Will: Jones, Iames Whitelocke, Fr: Harvey, Geo: Croke, H. Yeluerton, Tho: Trevor.

*Close Roll, 4 Charles I, part 2, No. 31 (also in Add. MS. 6713, fol. 347).*

## I

*Resolutions of the Privy Council, 1632.*

(Order of January 21, 1632.)

Whereas an humble petition was heretofore presented to his Majestie by the Earle of Pembroke and Montgomery, Lord Warden of the Stanyres concerning the Iurisdiccion and priviledges of the said Stanerries and by his command sent to the Lords Cheife Justices of both Benches with the rest of his Majesties Justices there, to be by them pervsed, and considered, to the end some course might be setled for the distinguishing, regulateing and ordering of the limitts and priviledges of the seuerall Iurisdicccions of the said Courts, that his Majesties Subjects might the better know whether they were to resort for the Administracion of Justice, and the heareing of their causes, and righting of their wrongs. Vpon a long heareing and debate of this business (his Majestie then sitting in Councell) and the said Judges being present, as also his Majesties Attorney generall. It was resolved, and ordered that the said Judges should search out, and peruse such Statutes, and other Records as might concerne that business And also that M<sup>r</sup> Attorne should doe the like, and conferr with the said Judges for the cleareing of the Iurisdiccion of the said Stanerries, that so if they could not reconcile and accommodate the differences aforesaid among themselves, then before, or at the longest on the 18<sup>th</sup> of February next, they should attend his Majestie and make Report of the state of the cause, to the end that his Majestie may therevpon settle such a finall conclusion therein, as in his princely wisdome shall be fitt.

(February 18, 1632.)

This day (his Majestie being present in Councell) certaine Articles and Proposicions produced by his Majesties Attorney generall concerning the Iurisdiction of the Stannaries, were read and approued of by the Board; only some fewe particulars thought fitt to be added were by his Majestie recomended to his said Attorny generall; who is likewise required to cause a faire transcript thereof to be signed by the Judges, before they goe theire Circuite and to retourne the same to this Board, to the end it may be kept in the Councell chest.

The Rules following to be observed in his Majesties Courts at Westminster and his Court of the Stannerries, were agreed of before the Board, his Majestie being present in Councell, and afterwards subsigned by the Lord Warden of the Stannerries and all the Judges of his Majesties said Courts at Westminster and his Attorney Generall. And the Transcript thereof ordered to be entered into the Register of Councell Causes and the originall to remayne in the Councell chest.

The Workers about the Tynne, whether in Myne or Streame, the Carrier, Washer, and Blower of Tynne, and the necessarie Attendants aboue the workes haue priviledge that they ought not to be sued out of the Stannery (except it be in causes concerning Life, Member, or Freehould) for any cause aryseing within the Stannerie. And if they be sued elsewhere the warden may demand Conusans or the partie may plead his priviledge.

Besides theise there are other Tynners that doe noe handworke as are the owners of the Soyle, owners of the Bounds, owners of the Bloweing houses, and their partners, buyers and sellers of Black Tynne, or Whyte Tynne before the deliuerance, theise may sue one an other, or working Tynners, or any other man, for any matter concerning Tynne, or Tynne works, in the Stannerie Courte.

Both theise Tynners and the workers may sue one an other in the Stannarye for all causes personall not concerning Freehold, Life or Member, ariseing within the Stannary or elsewhere aryseing.

One Tynner may sue a Forrayner in all lyke causes personall, aryseing within the Stannarye, but a Tynner may not sue a Forrayner, in the Stannarye for matters personall aryseing out of the Stannarye.

Of those later sorte of Tynners, such onely are intended as within some convenient tyme, make profitt or endeavour to make profitt to the Coynage.

For the manner of tryeing whether one be a Tynner or not, the use in Cornewall is by Plea, and if issue be ioyned, and found for the Plaintifffe it is not peremptory but a respondes.

In Devon it is by the oath of the partie.

#### For the Extent of the Stannaries.

We cannot yet discerne but that the Stannaries doe extend over the whole County of Cornwall.

In Devon there hath bin long Question concerning the extent of the Stannarie, as apeareth in sunderie Peticions in Parliament.

This is question of Fact and not of Lawe.

But for repose and quietnes hereafter, whether it be convenient to award a Commission to some able persons who may enquire by oath of lawfull and indifferent men of the Bounds of each Stannarye for informacion onely, or whether it be more fitt to leauie it without further enquierie and as it hath byn heretofore wee humbly leauie it to your Majesties wisdome, with this; that vntill the matter of fact be further knowne, this Question concerning the Bounds of the Stannarye in the County of Devon may remayne without preuidice, by occasiōn of any former opinion deliuered concerning this question of facte. But

The exempcion of Tynners from Toll is over the whole county.

The power to digg and search for Tynne is over the whole county sauing under houses, orchards, gardens, etc.

The Tynne wrought in any parte of the county must be brought to the Coynage.

The priviledge of Empcion or preempcion is of Tynne gotten over the whole county.

Judgements had in the Stannary Courte are leaviable in all parts of the county.

Fynes and Amerciaments sett in the Stannary Courte may be leavied over the whole county by Proces of the Stannarie.

For trespasses in Tynne works, Proces may be executed in the whole county.

Water Courses for the Tynne works on Tynne Mills may be made in any place of the county.

Signed:

PEMBROK & MONTGOMERIE.

THO. RICHARDSON  
Ro: HEATH  
HUMFRAY DAVENPORT  
JOHN DENHAM  
RICH: HUTTON  
WILLIAM IONES  
GEORGE CROKE  
THO: TREUOR  
GEORGE VERNON  
JAMES WESTON  
Ro. BARKLEY  
Fr: CRAWLEY  
Wm. NOYE

*Register of the Privy Council*, Charles I, vol. 8, pp. 412, 457, 485, 486.  
(Printed with omissions in Harrison's Report on the Jurisdiction of the Stannaries, pp. 158-160.)

## J

*Production of Tin*

NOTE. \* = Approximate. M. = Stannary thousand-weight of 1200 lbs. C. = Stannary hundred-weight of 120 lbs.

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	M.	C.	lbs.	M.	C.	lbs.	M.	C.	lbs.
1156-1160*				133			133		
1161-1162*				160			160		
1163-1168*				183 3 40			183 3 40		
1169-1170*				533 3 40			533 3 40		
1171-1189*				640			640		
1195	256								
1209							901 4 5		
1200							807 1 6		
1201							807 7 60		
1206							607 0 2		
1209							611 7 2		
1211							813 3 90		
1212							1,002 9 60		
1214							1,198 5 110		
1243				74 4 72					
1288				81 7 12					
1289				82 6 3					
1290				82 7 84					
1291				87 7 85					
1292				86 7 70					
1293				86 0 79					
1294				56 8 0					
1295				46 2 65					
1296				38 1 30					
1297				43 0 56					
1298				46 5 35					
1299				52 9 20					
1300				53 0 0					
1301	560	3	35	53 0 0			613 3 35		
1302	636	4	34						
1303	766	1	1	90 1 38			856 2 39		
1304	774	6	10						
1305	850	3	86						
1306	863	2	34						
1337	1,380	2	38						
1338	1,228	4	78						

## **APPENDICES**

253

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	M.	C.	lbs.	M.	C.	lbs.	M.	C.	lbs.
1355	496	6	76	0	0	0	496	6	76
1357	539	6	22						
1368	853	7	14						
1379	832	0	48	72	3	84	904	4	12
1382				100	2	6			
1385 *				137	1	72			
1392 *	1,154	7	0						
1393 *	1,090	0	0						
1394 *				54	9	78			
1396				97	9	11			
1397 *				100	1	12			
1398				87	7	0			
1399 *				48	4	6			
1400	1,465	2	88	128	6	26	1,593	8	114
1412	1,305	2	66	107	8	52	1,413	0	118
1418	983	4	32						
1435	801	2	47	73	3	37	874	5	84
1443	752	8	35	91	9	90	844	8	4
1447				202	8	8			
1448 *	1,021	6	4	35	2	2	1,056	8	6
1449 *				34	6	101			
1450	785	7	30	124	1	50	909	8	80
1455	687	2	117	112	8	10	800	1	7
1456 *				111	4	48			
1463				130	6	82			
1469	817	9	9	189	6	30	1,007	5	39
1472	851	0	116	242	6	114	1,093	7	110
1477	682	7	102	205	5	70	888	3	52
1478	808	9	50	211	8	45	1,020	7	95
1489	810	2	113	243	7	71	1,054	0	64
1495	1,056	7	34	252	9	55	1,309	6	89
1496	1,017	2	60	218	4	34	1,235	6	94
1504	997	2	116	272	9	61	1,270	2	57
1517	1,207	9	99	468	1	23	1,676	1	2
1518	1,252	4	16	432	6	9	1,685	0	25
1524	1,200	2	114	470	2	48	1,670	5	42
1530	1,255	0	50	435	4	0	1,690	4	50
1540	1,377	2	82	312	1	60	1,689	4	22
1544	1,152	4	74	334	2	18	1,486	6	92
1545	1,279	0	35	337	7	29	1,616	7	64
1547	1,413	2	64	318	3	64	1,731	6	8
1549	988	4	96	201	2	96	1,189	7	72
1553	1,323	2	76	293	3	17	1,616	5	93

## APPENDICES

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	m.	c.	lbs.	m.	c.	lbs.	m.	c.	lbs.
1554	1,251	2	24	242	6	78	1,493	8	102
1555	1,133	4	24	272	7	62	1,406	1	86
1556	1,158	9	78	240	3	5	1,399	2	83
1561	1,162	3	26	171	7	100	1,334	1	6
1563	947	4	22	164	9	101	1,112	4	3
1564	1,106	2	56	161	3	5	1,267	5	61
1565	1,041	2	16	167	6	39	1,208	8	55
1566	1,082	7	68	170	5	43	1,253	2	111
1567	1,184	5	17	212	8	46	1,397	3	63
1568	793	5	64	180	5	93	974	1	37
1569	1,181	5	72	212	0	0	1,393	5	72
1570	818	3	90	248	1	99	1,066	5	69
1571	778	3	8	182	6	114	961	0	2
1572	772	1	32	178	7	0	950	8	32
1573	838	8	42	187	2	112	1,025	1	34
1574	801	3	114	187	9	96	989	3	90
1575	900	4	64	188	7	102	1,089	2	46
1576	1,001	4	52	196	9	92	1,198	4	24
1577	1,050	6	116	180	0	9	1,230	7	5
1578	895	3	102	173	7	54	1,069	1	36
1579	982	4	32	201	9	74	1,184	3	106
1580	1,182	8	19	188	1	59	1,370	9	78
1581	1,086	6	61	187	9	59	1,274	6	0
1582	1,088	1	60	167	9	100	1,256	1	40
1583									
1584	1,051	8	116	162	8	7	1,214	7	3
1585	1,078	8	26	164	9	114	1,243	8	20
1586	1,056	2	109	167	9	32	1,224	2	21
1587	1,015	9	57	175	9	71	1,191	9	8
1588	1,077	1	28	164	0	113	1,241	2	21
1589	987	7	92	160	1	61	1,147	9	33
1590	1,041	2	78	137	5	90	1,178	8	48
1591	1,152	9	60	128	0	26	1,280	9	86
1592	1,209	3	14	112	3	29	1,321	6	43
1593	1,071	2	118	112	3	114	1,183	6	112
1594	1,158	1	85	122	8	68	1,281	0	33
1595	1,200	1	116	157	5	28	1,357	7	24
1596	1,098	7	4	128	8	91	1,227	5	95
1597	932	4	87	113	6	117	1,056	1	84
1598	790	9	50	97	4	3	888	3	53
1599	877	9	69	131	0	42	1,008	9	111
1600	946	1	106	119	8	53	1,066	0	39
1601	1,067	0	112	135	8	116	1,202	9	108

## APPENDICES

255

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	m.	c.	lbs.	m.	c.	lbs.	m.	c.	lbs.
1602	1,250	6	12	126	5	13	1,377	1	25
1603	1,023	5	40	76	4	50	1,099	9	90
1604	1,051	3	76	99	6	88	1,151	0	44
1605	1,029	4	90	78	2	108	1,107	7	78
1606	986	6	60	60	4	48	1,047	0	108
1607	980	1	58	47	0	13	1,027	1	71
1608	1,011	2	70	70	9	62	1,082	2	12
1609	932	3	82	107	8	19	1,040	1	101
1610	970	2	100	50	7	65	1,021	0	45
1611	1,010	7	114	84	1	118	1,094	9	112
1612	984	8	50	100	1	57	1,085	4	107
1613	1,039	4	34	99	7	14	1,139	1	48
1614	1,079	0	100	82	6	74	1,161	7	54
1625	1,334	0	98	68	2	32	1,402	3	10
1638	972	1	84	28	3	61	1,000	5	25
1639	982	6	30	23	1	21	1,005	7	51
1640	983	6	7	18	0	44	1,001	6	51
1641	942	7	10	15	2	63	957	9	73
1642	1,001	5	18	12	6	73	1,014	1	91
1643	677	5	40	0	0	0	677	5	40
1644	227	5	6	0	0	0	227	5	6
1645	590	0	90	0	0	0	590	0	90
1646	293	5	4	0	0	0	293	5	4
	lbs.			lbs.			lbs.		
1647							432,268		
1648							9,458		
1667							2,040,750		
1669							1,581,552		
1670							1,743,252		
1671							1,992,894		
1672							1,776,454		
1673	2,141,064			640			2,141,704		
1674	1,418,936			3,858			1,422,794		
1675	2,480,854			6,708			2,496,562		
1676	2,496,126			16,522			2,512,648		
1677	2,996,082			13,700			3,009,782		
1678	2,916,140			14,030			2,930,170		
1679	2,362,610			15,588			2,376,198		
1680	2,586,212			14,930			2,601,142		
1681	2,633,966			11,896			2,645,862		
1682	3,038,558			16,722			3,055,280		
1683	3,133,920			18,266			3,152,186		

YEAR ENDING MICHAELMAS	CORNWALL	DEVON	TOTAL
	lbs.	lbs.	lbs.
1684	2,693,282	20,892	2,714,174
1685	3,039,460	29,644	3,069,104
1686	3,427,730	27,902	3,455,632
1687	3,245,738	25,552	3,271,290
1688	3,109,476	26,124	3,135,600
1689	3,316,618	27,304	3,343,922
1690	2,813,728	26,398	2,840,126
1691	2,889,748	41,842	2,921,590
1692	2,725,090	36,134	2,761,224
1693	2,778,874	61,148	2,840,022
1694	2,629,974	52,138	2,682,112
1695	2,782,298	36,906	2,819,204
1696	2,643,700	32,666	2,676,396
1697	2,342,568	49,466	2,382,034
1698	2,772,978	45,666	2,818,644
1699	3,178,821	31,498	3,210,319
1700	3,151,504	47,384	3,198,888
1701	3,048,484	34,128	3,082,612
1702	2,460,266	34,294	2,494,560
1703	3,578,452	28,186	3,606,638
1704	3,312,416	26,230	3,338,646
1705	3,087,586	64,890	3,152,476
1706	3,200,016	123,636	3,323,652
1707	3,200,022	79,028	3,279,050
1708	3,200,000	57,914	3,257,914
1709	3,140,044	57,914	3,197,958
1710	4,800,060	73,862	4,873,922
1711	3,169,938	48,080	3,218,018
1712	3,199,860	24,048	3,223,908
1713	3,012,338	24,700	3,037,038
1714	2,464,756	27,064	2,491,820
1715	2,651,780	11,686	2,663,466
1716	2,417,864	15,838	2,433,702
1717	3,697,014	11,062	3,708,076
1718	3,639,388	15,136	3,654,524
1719			
1720	3,302,440	5,464	3,307,904
1721	2,563,622	1,382	2,565,004
1722	3,124,024	2,320	3,126,344
1723	3,085,430	2,860	3,088,290
1724	3,588,378	2,506	3,590,884
1725	3,719,896	6,144	3,726,040
1726	3,384,996	9,368	3,394,364

## APPENDICES

257

YEAR ENDING MICHAELMAS	CORNWALL	DEVON	TOTAL
	lbs.	lbs.	lbs.
1727	3,564,042	3,392	3,567,434
1728	3,262,730	12,784	3,275,514
1729	3,545,790	5,068	3,550,862
1730	3,462,692	930	3,463,622
1731 <sup>1</sup>	1,555,986	0	1,555,986
1732	4,167,706	320	4,168,026
1733	3,647,454	104	3,647,558
1734	4,114,588	0	4,114,588
1735	3,942,512	0	3,942,512
1736	3,464,946	0	3,464,946
1737	3,777,130	0	3,777,130
1738	3,025,368	0	3,025,368
1739	3,996,748	0	3,996,748
1740	3,795,578	0	3,795,578
1741	3,462,078	1,508	3,463,586
1742	3,989,144	6,640	3,995,784
1743	4,227,998	6,424	4,234,422
1744	4,190,776	3,164	4,193,940
1745	3,886,258	0	3,886,258
1746	4,294,990	0	4,294,990
1747	4,127,910	506	4,128,416
1748	4,488,518	0	4,488,518
1749	2,584,836	0	2,584,836

YEAR	AMOUNT	YEAR	AMOUNT
	tons		tons
1750	2,876	1763	2,736
1751	2,273	1764	2,618
1752	2,550	1765	2,757
1753	2,516	1766	3,055
1754	2,724	1767	2,850
1755	2,757	1768	2,667
1756	2,774	1769	2,898
1757	2,752	1770	2,997
1758	2,720	1771	2,823
1759	2,637	1772	3,150
1760	2,717	1773	2,852
1761	2,395	1774	2,458
1762	2,584	1775	2,619

<sup>1</sup> For a half-year only.

YEAR	AMOUNT	YEAR	AMOUNT
	tons		tons
1776	2,652	1807	2,426
1777	2,770	1808	2,330
1778	2,515	1809	2,508
1779	2,678	1810	2,006
1780	2,926	1811	2,384
1781	2,610	1812	2,373
1782	2,546	1813	2,324
1783	2,570	1814	2,611
1784	2,085	1815	2,941
1785	2,885	1816	3,348
1786	3,399	1817	4,120
1787	3,204	1818	4,066
1788	3,352	1819	3,315
1789	3,405	1820	2,290
1790	3,193	1821	3,373
1791	3,470	1822	3,278
1792	3,809	1823	4,213
1793	3,202	1824	5,005
1794	3,351	1825	4,358
1795	3,440	1826	4,603
1796	3,061	1827	5,555
1797	3,240	1828	4,931
1798	2,820	1829	4,434
1799	2,862	1830	4,444
1800	2,522	1831	4,300
1801	2,328	1832	4,323
1802	2,627	1833	4,065
1803	2,914	1834	3,989
1804	2,993	1835	4,228
1805	2,742	1836	4,054
1806	2,855	1837	4,790

*References.*

1156-1214. Estimated from the taxation accounts in the Pipe Rolls of those years.

- 1243. Pipe R., 27 Hen. III, Devon.
- 1288-1290. *Ibid.*, 20 Edw. I, Devon.
- 1291-1295. *Ibid.*, 23 Edw. I, Devon.
- 1296-1301. Pipe R., 29 Edw. I, Devon.
- 1302, 1306. Duchy Accts., Excheq. Aug., port. 5.
- 1303. Accts. Excheq. K. R., bdle. 260, no. 24.
- 1304-1305. Pipe R., 33 Edw. I, Cornwall.

- 1337-1338. Duchy Accts., Excheq. Aug., port. 1.  
 1355-1357. Receiver's Rolls.  
 1368. Accts. Excheq. K. R., bdle. 263, no. 15.  
 1379. Receiver's Roll.  
 1382. Accts. Excheq. K. R., bdle. 263, no. 18.  
 1385. *Ibid.*, bdle. 265, no. 12.  
 1392. *Ibid.*, bdle. 263, nos. 21, 22.  
 1393. *Ibid.*, bdle. 263, no. 24.  
 1394. *Ibid.*, bdle. 263, no. 18.  
 1396. *Ibid.*, bdle. 263, no. 27.  
 1397. *Ibid.*, bdle. 263, no. 29.  
 1398. *Ibid.*, bdle. 264, no. 3.  
 1399. *Ibid.*, bdle. 264, no. 6.  
 1400. Receiver's Roll.  
 1412. Accts. Excheq. K. R., bdle. 265, no. 3.  
 1418-1443. Receiver's Rolls.  
 1447. Accts. Excheq. K. R., bdle. 265, no. 12.  
 1448. *Ibid.*, bdle. 265, no. 14.  
 1449. *Ibid.*, bdle. 265, no. 25; bdle. 266, nos. 1, 2.  
 1450-1455. Receiver's Rolls.  
 1456. Accts. Excheq., K. R., bdle. 266, nos. 4, 15.  
 1472-1625. Receiver's Rolls.  
 1638-1639. Receiver's Views.  
 1640-1641. Duchy Accts., Excheq. Aug., port. 3.  
 1642-1645. Receiver's Views.  
 1646-1648. Audit Accounts, Duchy of Cornwall.  
 1667-1749. Receiver's Views.  
 1750-1837. Hunt, 887.

## K

*Coinage Duty.*

NOTE. \* = approximate.

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1288				63	6	6			
1289				64	0	4			
1290				64	3	0			
1291				58	10	1			
1302	1,472	18	5						
1303	1,532	4	1	69	17	1	1,602	1	2
1304	1,549	4	5						
1305	1,700	15	5						
1306	1,726	0	4						

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1337	2,761	0	9				273	19	5
1338	2,427	8	3						
1355	993	7	1						
1357	1,079	9	10						
1368 *	1,707	8	7						
1371				52	5	9			
1374							1,016	1	4
1379	1,664	9	8	56	10	9	1,721	9	17
1382 *				78	4	9			
1385 *				107	2	11			
1392 *	2,309	8	0						
1393 *	2,180	0	0	42	18	4			
1394				73	19	4			
1396 *				78	4	2			
1397 *				70	3	7			
1398 *				37	4	7			
1399 *				88	3	2	3,019	13	1
1400	2,931	9	11	85	5	11	2,699	4	6
1412	2,613	18	7	85	16	11	2,053	19	9
1418	1,968	2	10	103	9	10	1,707	13	5
1435	1,604	3	7	72	12	4	1,580	2	4
1443	1,507	10	0	158	8	9			
1447 *				27	10	0	2,070	14	2
1448 *	2,043	4	2	27	1	9			
1449 *				98	2	4	1,671	10	11
1450	1,573	8	7	88	5	7	1,464	8	9
1455	1,376	3	2	150	2	9	1,768	13	10
1471	1,618	11	1	190	17	11	1,896	3	4
1472	1,705	0	5	161	15	8	1,736	4	3
1477	1,574	8	7	167	9	5	1,788	7	4
1478	1,620	17	11	166	6	5	1,787	4	4
1479	1,620	17	11	191	14	2	1,815	3	9
1489	1,623	9	7	199	14	7	2,314	12	10
1495	2,114	18	3	171	12	9	2,278	0	7
1496	2,106	7	10	221	15	2	2,219	14	10
1504	1,997	19	8	366	18	1	2,753	9	3
1516	2,386	11	2	366	18	1	2,753	9	3
1517	2,386	11	2	339	0	8	2,824	12	6
1518	2,485	11	10				2,771	3	9
1523									
1524	2,403	14	8	368	9	1	2,772	3	9
1530	2,510	2	1	340	3	2	2,850	5	3
1540	2,756	7	10	252	7	9	3,008	15	7

## APPENDICES

261

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1544	2,306	17	6	262	3	1	2,569	0	7
1545	2,560	9	2	265	0	5	2,825	9	7
1547	2,828	2	10	248	15	2	3,076	18	0
1549	1,976	19	11	198	18	5	2,175	18	4
1553	2,649	8	6	229	3	3	2,878	11	9
1554	2,505	10	8	205	3	5	2,710	14	1
1555	2,269	8	4	213	0	6	2,482	8	10
1556	2,320	16	10	187	15	1	2,508	11	11
1557							2,350	10	10
1558							2,176	10	0
1559							2,108	4	0
1560							2,201	11	0
1561	2,326	19	2	134	3	10	2,461	3	0
1562							2,234	18	0
1563	1,896	17	9	128	18	5	2,025	16	2
1564	2,214	19	7	126	0	9	2,341	0	4
1565	2,084	13	9	130	19	5	2,236	7	0
1566	2,167	15	8	133	5	0	2,301	0	8
1567	2,371	10	10	166	5	8	2,538	6	6
1568	1,588	15	1	141	11	0	1,730	6	1
1569	2,367	15	2	164	17	6	2,532	12	8
1570	1,638	9	4	186	0	10	1,824	10	2
1571	1,558	4	9	142	15	0	1,700	19	9
1572	1,544	5	5	139	12	3	1,686	17	8
1573	1,679	15	8	146	4	0	1,825	19	8
1574	1,604	19	6	146	17	3	1,751	16	9
1575	1,802	6	5	163	2	6	1,905	8	11
1576	2,005	8	2	153	16	4	2,159	4	6
1577	2,103	12	8	140	12	10	2,244	5	6
1578	1,792	13	0	135	14	10	1,928	7	10
1579	1,967	7	7	157	15	10	2,125	3	5
1580	2,367	5	0	148	2	11	2,515	7	11
1581	2,175	13	9	146	16	9	2,322	10	6
1582	2,177	13	10	131	5	0	2,308	18	10
1583	2,212	15	5	124	5	11	2,337	1	4
1584	2,106	4	0	128	4	7	2,234	8	7
1585	2,161	9	0	129	5	5	2,290	14	5
1586	2,115	6	0	131	3	10	2,246	9	10
1587	2,033	10	8	137	13	1	2,171	3	9
1588	2,155	18	1	128	6	8	2,284	4	9
1589	2,076	18	2	125	1	4	2,201	19	6
1590	2,081	16	10	107	9	9	2,189	6	7
1591	2,307	4	10	96	2	10	2,403	7	8

## APPENDICES

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1592	2,419	17	3	87	15	4	2,507	12	7
1593	2,143	12	6	87	17	11	2,231	10	5
1594	2,317	11	3	92	1	6	2,409	12	9
1595	2,401	15	1	123	1	8	2,524	16	9
1596	2,198	17	4	100	13	9	2,299	11	1
1597	1,868	3	2	88	16	11	1,957	0	1
1598	1,582	19	2	76	2	11	1,659	2	1
1599	1,757	11	9	102	11	2	1,860	2	11
1600	1,893	11	1	93	12	9	1,987	3	10
1601	2,135	9	3	106	3	8	2,241	12	11
1602	2,502	10	9	98	17	11	2,601	8	8
1603	2,048	5	4	59	14	6	2,107	19	10
1604	2,103	19	9	77	16	4	2,181	16	1
1605	2,060	5	7	61	7	4	2,121	12	11
1606	1,974	10	11	47	4	1	2,027	15	0
1607	1,961	16	7	36	15	5	1,998	12	0
1608	2,023	10	6	55	8	8	2,079	9	2
1609	1,866	0	5	84	3	11	1,950	4	4
1610	1,941	16	10	75	6	7	2,017	3	5
1611	2,024	17	3	65	15	8	2,090	12	11
1612	2,171	0	11	78	13	0	2,249	13	11
1613	2,388	4	11	77	18	5	2,466	3	4
1614	2,159	8	7	64	11	8	2,224	0	3
1618							2,958	14	8
1625	2,670	3	1	53	6	2	2,723	9	3
1638	1,945	18	11	22	2	9	1,968	1	8
1639	1,966	16	8	18	1	4	1,657	18	0
1640	1,958	11	0	14	2	4	1,982	13	4
1641	1,897	4	8	11	18	3	1,909	2	11
1642	2,023	2	9	9	17	10	2,033	0	7
1643	1,356	6	8				1,356	6	8
1644	457	6	7				457	6	7
1645							4,144	0	5
1667							3,163	6	2
1669							3,486	10	2
1670							3,985	15	11
1671							3,552	18	3
1672							4,282	12	9
1673							2,840	18	0
1674							4,984	19	0
1675							5,005	3	7
1676							6,002	17	5
1677	5,992	3	5	10	14	0			

## APPENDICES

263

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1678	5,832	6	3	10	19	1	5,843	5	4
1679	4,725	4	8	10	12	0	4,735	16	8
1680	5,172	8	8	11	13	4	5,184	2	0
1681	5,267	18	10	9	5	10	5,277	4	8
1682	6,077	2	7	13	1	3	6,090	3	10
1683	6,267	16	11	14	5	4	6,282	2	3
1684	5,386	11	6	16	4	9	5,402	16	3
1685	6,082	2	8	23	3	2	6,105	15	10
1686	6,855	9	4	21	13	1	6,877	2	5
1687	6,491	9	7	19	19	3	6,511	8	10
1688	6,218	19	1	20	8	2	6,239	7	3
1689	6,633	4	9	21	6	9	6,654	19	6
1690	5,627	9	4	20	12	6	5,648	1	10
1691	5,779	10	0	32	13	9	5,812	3	9
1692							5,478	7	8
1693							5,605	10	11
1694	5,259	19	0	40	14	6	5,300	13	6
1695	5,564	12	0	28	16	6	5,593	8	6
1696	5,287	8	0	25	10	11	5,312	18	11
1697	4,685	2	8	38	12	10	4,723	15	7
1698	5,545	19	2	35	13	6	5,581	12	8
1699	6,357	13	2	24	12	2	6,382	5	4
1700	6,343	0	2	37	0	4	6,380	0	6
1701	6,095	19	5	26	13	3	6,123	12	8
1702	6,840	10	8	26	15	10	6,867	6	6
1703	7,156	18	1	22	0	5	7,178	18	6
1704	6,624	16	8	20	9	10	6,645	6	6
1705	6,175	3	6	50	13	11	6,225	17	5
1706	6,400	0	8	96	11	9	6,496	12	5
1707	6,400	0	10	63	14	9	6,463	15	7
1708	6,400	0	0	61	14	9	6,461	14	9
1709	6,400	1	10	45	4	11	6,445	6	9
1710	9,600	2	5	57	14	1	9,657	16	6
1711	6,339	17	7	37	11	3	6,377	8	10
1712	6,339	14	5	18	15	8	6,417	10	1
1713	6,024	13	3	19	5	11	6,043	19	2
1714	6,024	13	3	19	5	11	6,043	19	2
1715	5,803	11	3	9	2	6	5,312	13	9
1716	4,835	14	6	12	7	5	4,848	2	0
1717	7,394	0	8	8	12	10	7,402	13	6
1718	7,278	15	7	11	18	4	7,290	13	11
1719	6,604	17	8	4	5	2	6,609	2	10
1720				1	1	6	5,128	6	5
1721	5,127	4	11						

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1722	6,248	1	0	1	16	3	6,249	17	3
1723	6,170	17	3	2	4	8	6,173	1	11
1724	7,176	15	2	1	19	2	7,178	14	4
1725	7,439	15	11	4	15	11	7,444	11	10
1726	6,769	19	11	7	6	1	6,777	6	0
1727	7,128	1	9	2	12	11	7,130	14	8
1728	6,525	9	4	9	19	9	6,535	9	1
1729	7,001	11	11	3	19	1	7,005	11	0
1730	6,927	5	6	0	14	5	6,927	19	11
1731	3,111	19	6				3,111	19	6
1732	8,335	8	4	0	5	0	8,335	13	4
1733	7,294	18	11	0	1	8	7,295	0	0
1734	8,229	2	5				8,229	2	5
1735	7,885	0	7				7,885	0	7
1736	6,929	17	11				6,929	17	11
1737	7,554	5	4				7,554	5	4
1738	6,050	14	10				6,050	14	10
1739	7,993	10	1				7,993	10	1
1740	7,591	3	3				7,591	3	3
1741	6,924	3	3	1	3	6	6,925	6	9
1742	7,978	5	11	5	3	9	7,983	9	8
1743	8,456	0	2	5	0	5	8,461	1	3
1744	8,381	11	3	2	9	5	8,384	0	8
1745	7,772	10	5				7,772	10	5
1746	8,589	19	9				8,859	19	9
1747	8,255	16	7	0	8	1	8,256	4	8
1748	8,977	0	10				8,977	0	10
1749	5,601	16	6				5,601	16	6
1750	10,806	4	6				10,806	4	6

*References.*

- 1288-1290. Pipe R., 20 Edw. I., Devon.  
 1291. *Ibid.*, 23 Edw. I., Devon.  
 1302, 1306. Duchy Accts., Excheq. Aug., port. 5.  
 1303. Accts. Excheq. K. R., bdle. 264, no. 24.  
 1304-1305. Pipe R., 33 Edw. I., Cornwall.  
 1337-1338. Duchy Accts., Excheq. Aug., port. 5.  
 1355-1357. Receiver's Rolls.  
 1368. Accts. Excheq. K. R., bdle. 263, no. 15.  
 1371. *Ibid.*, bdle. 263, no. 19.  
 1374. Delabecche, 587.

1379. Receiver's Roll.  
 1382. Accts. Excheq. K. R., bdle. 263, no. 18.  
 1385. *Ibid.*, bdle. 265, no. 12.  
 1392. *Ibid.*, bdle. 263, nos. 21, 22.  
 1393. *Ibid.*, bdle. 263, no. 24.  
 1394. *Ibid.*, bdle. 263, no. 18.  
 1396. *Ibid.*, bdle. 263, no. 27.  
 1397. *Ibid.*, bdle. 263, no. 29.  
 1398. *Ibid.*, bdle. 264, no. 3.  
 1399. *Ibid.*, bdle. 264, no. 6.  
 1400. Receiver's Roll.  
 1412. Accts. Excheq. K. R., bdle. 265, no. 3.  
 1418-1443. Receiver's Rolls.  
 1447. Accts. Excheq. K. R., bdle. 265, no. 12.  
 1448. *Ibid.*, bdle. 265, no. 14.  
 1449. *Ibid.*, bdle. 265, no. 25; bdle. 266, nos. 1, 2.  
 1450-1455. Receiver's Rolls.  
 1471. Trans. Devon Assoc., iii, 316.  
 1472-1504. Receiver's Rolls.  
 1516. Lans. 19, fol. 99.  
 1517-1518. Receiver's Rolls.  
 1523. Doddridge, 98.  
 1524. Receiver's Roll.  
 1530. *Ibid.*, Lans. 19, fol. 99.  
 1540-1556. Receiver's Rolls.  
 1557-1560. *Ibid.*; Lans. 1215, fol. 226-230.  
 1561. Receiver's Roll.  
 1562. *Ibid.*; Lans. 1215, fol. 226-230.  
 1563-1625. Receiver's Rolls.  
 1638-1639. Receiver's Views.  
 1640-1641. Duchy Accts., Excheq. Aug., port. 3.  
 1642-1645. Receiver's Views.  
 1667-1750. Receiver's Views.

**L**  
*Farm of the Tin.*

YEAR ENDING MICHAELMAS	CORNWALL			DEVON			TOTAL		
	£	s.	d.	£	s.	d.	£	s.	d.
1156-1160				16	13	4	16	13	4
1161-1162				20	0	0	20	0	4
1163-1168				23	6	8	23	6	8
1169-1170				66	13	4	66	13	4
1171-1189				80	0	0			
1195	53	6	8						
1197				100	0	0			
1200-1214	66	16	0	100	0	0	166	16	0

*References:* The Pipe Rolls.

**M**  
*The King's Marks.*

YEAR ENDING MICHAELMAS				YEAR ENDING MICHAELMAS			
	£	s.	d.		£	s.	d.
1199	600	19	5	1209	407	16	2
1200	538	2	1	1211	542	5	0
1201	538	10	1	1212	668	12	9
1206	404	13	7	1214	799	1	3

*References:* The Pipe Rolls.

N  
*Black Rent.*

YEAR ENDING MICHAELMAS	<i>£ s. d.</i>	YEAR ENDING MICHAELMAS	<i>£ s. d.</i>
1243	1 4 10	1295	2 3 0
1288	2 10 0	1296	1 13 2
1289	2 11 4	1297	1 16 4
1290	2 13 10	1298	2 17 8
1291	3 15 0	1299	3 9 2
1292	3 16 2	1300	3 12 8
1293	3 15 6	1301	3 13 4
1294	2 15 8		

*References.*

1243. Pipe R., 27 Hen. III, Devon.  
 1288-1290. *Ibid.*, 20 Edw. I, Devon.  
 1291-1295. *Ibid.*, 23 Edw. I, Devon.  
 1296-1301. *Ibid.*, 29 Edw. I, Devon.

O  
*Tribulage.*

YEAR ENDING MICHAELMAS	PENWITH AND KERRIER	BLACKMORE	YEAR ENDING MICHAELMAS	PENWITH AND KERRIER	BLACKMORE
	<i>£ s. d.</i>	<i>£ s. d.</i>		<i>£ s. d.</i>	<i>£ s. d.</i>
1297	0 6 8	0 6 0	1386		
1301	0 13 8		1394		
1302	0 12 8		1398		
1303	0 16 0		1417	13 6 8	0 4 4
1304	0 16 0		1467	7 5 0	0 6 8
1305	1 1 4		1472	farmed	0 6 8
1342	1 0 0	0 10 3	1475	farmed	0 6 8
1345	1 0 0	0 10 3	1484	farmed	0 6 8
1347	1 0 0	0 10 3	1489	farmed	0 6 8
1349	1 0 0	0 10 3	1491	farmed	0 6 8
1350	0 6 8	0 9 3	1498	10 0 0	0 7 8
1352	1 0 0	0 3 1	1502	10 0 0	0 7 8
1355	1 2 4	0 3 1	1503	10 0 0	0 7 8
1356	1 2 4	0 4 8	1507	10 0 0	0 7 8
1357	0 5 4	0 4 0	1524	12 0 0	
1362		0 1 6	1545	11 0 0	
1363	1 0 0	0 1 6	1546-1563	farmed	
1369	1 0 0	0 0 10	1645	6 1 8	

*References.*

1297. Ministers' Accounts, Bailiff's Accounts of Edmund of Cornwall.  
 1301. Pipe R., 29 Edw. I, Cornw.  
 1302. *Ibid.*, 30 Edw. I, Cornw.  
 1303. Duchy Accts., Excheq. Aug., port. 5.  
 1304-1305. Pipe R., 33 Edw. I, Cornw.  
 1342-1507. Ministers' Accts., Duchy of Cornw.  
 1524-1563. Receiver's Rolls.  
 1645. Audit Accts., Duchy of Cornw.

## P

*Profits of the Large and Small Stamps.*

YEAR ENDING MICHAELMAS	LARGE STAMP	SMALL STAMP	YEAR ENDING MICHAELMAS	LARGE STAMP	SMALL STAMP
1243	60 14 11	8 0 16	1296	25 8 4	4 2
1291	57 10 10	9 9 9	1297	28 14 0	4 13 1
1292	57 16 9	9 8 0	1298	31 0 5	5 0 1
1293	57 7 7	9 6 6	1299	34 12 3	5 12
1294	37 18 8	6 3 3	1300	53 6 8	5 14 1
1295	33 16 9	5 0 2	1301	35 9 9	5 15

*References.*

1243. Pipe R., 27 Hen. III, Devon.  
 1291-1295. *Ibid.*, 23 Edw. I, Devon.  
 1296-1301. *Ibid.*, 29 Edw. I, Devon.

## Q

*White Rent.*

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1288	2 6 2	1296	1 18 8
1289	2 7 10	1297	0 16 10
1290	2 8 6	1298	0 17 2
1291	2 14 4	1299	0 17 6
1292	2 12 0	1300	0 17 10
1293	2 12 4	1301	0 18 1
1294	2 5 2	1306	1 3 4

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	L s. d.		L s. d.
1400	4 6 8	1580	6 17 4
1418	7 9 1	1581	6 2 0
1435	6 10 0	1582	5 16 8
1443	7 18 8	1583	5 8 0
1450	8 11 4	1584	6 13 8
1455	7 11 4	1585	6 6 8
1469	9 2 0	1586	7 13 4
1472	12 10 8	1587	7 0 0
1477	11 6 0	1588	6 1 4
1478	10 12 0	1589	6 8 0
1489	12 0 0	1590	4 2 8
1495	12 16 8	1591	4 16 8
1496	12 4 8	1592	3 2 0
1504	14 14 8	1593	3 12 0
1517	16 17 4	1594	3 19 4
1518	16 18 0	1595	3 5 4
1523	14 2 8	1596	2 11 4
1524	14 2 8	1597	2 14 8
1540	10 5 4	1598	2 10 8
1544	8 14 8	1599	2 16 8
1545	8 10 8	1600	2 12 8
1547	8 2 8	1602	3 4 8
1549	7 0 16	1604	3 1 4
1553	7 16 0	1605	2 7 4
1554	7 6 0	1606	1 15 4
1555	6 9 4	1607	1 4 8
1556	5 14 8	1608	1 18 0
1561	4 8 8	1609	1 19 8
1563	4 11 4	1610	2 1 4
1564	4 5 4	1611	1 16 0
1565	3 15 4	1612	1 10 8
1566	3 12 0	1613	1 11 4
1567	3 17 0	1614	1 10 8
1568	3 14 8	1615	1 6 0
1569	4 1 4	1616	1 9 4
1570	4 6 8	1617	1 2 8
1571	3 12 0	1619	1 2 8
1573	4 14 8	1620	1 1 4
1574	5 2 8	1621	1 2 0
1575	5 16 8	1622	1 3 4
1576	5 11 4	1625	1 3 4
1577	4 4 8	1626	1 4 0
1579	5 10 8	1627	1 3 4

YEAR ENDING MICHAELMAS			YEAR ENDING MICHAELMAS	
	£ s. d.			£ s. d.
1628	1 2 0		1635	0 14 8
1629	0 19 4		1638	0 13 4
1630	0 19 4		1639	0 12 0
1631	0 14 0		1640	0 9 4
1633	0 13 8		1641	0 11 8
1634	0 13 8		1642	0 11 8

*References.*

- 1288-1290. Pipe R., 20 Edw. I, Devon.  
 1291-1294. *Ibid.*, 23 Edw. I, Devon.  
 1296-1301. *Ibid.*, 29 Edw. I, Devon.  
 1306. Duchy Accts., Excheq. Aug., port. 5.  
 1400-1625. Receiver's Rolls.  
 1626-1642. Audit Accts., Duchy of Cornwall.

## R

*Fine of Tin.*

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1297	5 8 0	1576	13 9 8
1302	5 8 0	1577	17 0 0
1303	5 8 0	1578	23 14 3
1304	5 2 0	1579	33 15 2
1305	5 8 0	1580	41 13 4
1306	5 8 0	1581	49 18 4
1517	8 11 0	1582	47 0 3
1518	4 3 4	1583	39 11 7
1547	0 14 6	1584	31 13 2
1549	1 12 5	1585	42 8 0
1555	1 0 9	1586	42 12 8
1561	15 8 0	1587	60 13 10
1563	0 8 1	1588	61 3 9
1564	13 11 0	1589	32 4 2
1565	20 14 4	1590	51 1 3
1566	26 12 4	1591	51 5 11
1573	18 6 8	1592	67 2 11
1574	15 3 4	1593	57 19 9
1575	21 10 0	1594	55 15 10

## APPENDICES

271.

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1595	52 5 1	1619	80 19 11
1596	65 13 3	1620	83 8 8
1597	42 1 4	1621	85 2 0
1598	45 2 6	1622	91 16 11
1599	48 13 2	1633	78 5 1
1600	53 17 4	1634	79 13 8
1602	84 14 5	1638	77 1 10
1603	68 4 9	1639	78 13 10
1604	63 8 2	1642	77 3 8
1605	69 18 8	1643	50 12 7
1606	62 2 10	1644	18 8 10
1607	63 0 2	1645	38 8 6
1608	69 19 0	1646	27 2 3
1609	59 11 8	1674	21 3 8
1610	60 18 4	1675	124 14 10
1611	54 12 11	1699	20 0 0
1612	75 16 2	1700	10 0 0
1613	76 11 1	1710	10 0 0
1614	72 12 11	1720	8 10 0
1615	60 1 3	1730	8 15 0
1616	57 2 6	1740	10 0 0
1617	64 7 9	1750	10 0 0

*References.*

1297. Ministers' Accts., Acct. of Bailiff of Edmund of Cornwall.  
 1302. Pipe R., 30 Edw. I, Cornw.  
 1303. Duchy Accts., Excheq. Aug., port. 3.  
 1304-1306. Pipe R., 33 Edw. I, Cornw.  
 1517-1622. Receiver's Rolls.  
 1633-1646. Audit Accts., Duchy of Cornw.  
 1674-1750. Receiver's Views.

## APPENDICES

## S

*Profits of the Cornish Courts.*

YEAR ENDING MICHAELMAS			YEAR ENDING MICHAELMAS	
	£	s.	£	s.
1297	21	8	8	
1302	9	14	4	
1303	17	3	2	
1304	13	18	2	
1305	14	17	11	
1306	21	12	7	
1307	22	3	11	
1337	17	9	0	
1342	24	2	11	
1345	39	14	11	
1347	35	3	3	
1349	25	7	5	
1350	14	5	9	
1355	40	9	6	
1356	53	9	2	
1357	46	17	7	
1362	70	12	1	
1363	29	1	8	
1369	40	0	11	
1418	32	7	3	
1435	29	12	1	
1443	14	16	7	
1450	3	0	0	
1455	44	7	8	
1469	17	0	6	
1472	26	18	1	
1477	33	6	5	
1478	19	14	5	
1489	16	17	6	
1495	64	16	6	
1496	25	13	11	
1504	21	4	1	
1517	35	13	10	
1518	35	5	1	
1524	26	18	0	
1540	28	8	6	
1544	31	13	8	
1545	26	13	8	
1547	23	4	8	
1549	19	7	4	
1553	17	0	3	
1554	19	1	2	
1555	17	4	4	
1556	17	19	8	
1561	18	3	4	
1563	18	5	4	
1564	23	2	6	
1565	19	2	8	
1566	9	18	5	
1567	19	13	10	
1568	13	14	0	
1569	13	12	3	
1570	12	10	11	
1571	6	9	0	
1572	8	17	5	
1574	12	7	5	
1575	13	15	2	
1576	11	7	10	
1577	11	11	11	
1578	22	7	2	
1579	18	2	10	
1580	31	5	8	
1581	17	14	9	
1582	20	12	0	
1583	18	2	11	
1584	27	6	2	
1585	17	16	9	
1586	21	4	10	
1587	23	0	15	
1588	23	7	8	
1589	23	2	0	
1590	21	1	10	
1591	20	2	10	
1592	19	11	2	
1593	19	0	9	
1594	20	13	2	
1595	16	17	8	
1596	19	6	2	
1597	19	2	7	
1598	17	2	7	

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1599	17 1 8	1616	12 0 1
1600	17 5 1	1617	18 12 5
1602	15 17 10	1619	29 10 3
1603	11 1 5	1620	16 4 4
1604	12 7 10	1621	17 3 7
1605	13 6 8	1622	19 1 1
1606	13 11 5	1623	19 6 0
1607	10 18 5	1624	17 4 10
1609	22 16 8	1625	17 9 8
1610	18 10 0	1626	15 11 7
1611	16 17 2	1633	21 1 4
1612	19 4 10	1634	22 4 11
1613	19 16 8	1661	10 2 4
1614	24 1 6	1700-1750	9 14 0
1615	21 9 8		

*References.*

1297. Ministers' Accts., Bailiff's Acct. of Edmund of Cornwall.  
 1302. Pipe R., 30 Edw. I., Cornwall.  
 1304-1305. *Ibid.*, 33 Edw. I., Cornwall.  
 1303, 1306. Duchy Accts., Excheq. Aug., port. 5.  
 1337. *Ibid.*, port. 1.  
 1342-1369. Ministers' Accts., Duchy of Cornwall.  
 1418-1626. Receiver's Rolls.  
 1613-1750. Receiver's Views.

## T

*Profits of the Devon Courts.*

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1243	0 4 0	1293	2 18 4
1288	2 0 6	1294	3 2 0
1289	2 1 4	1295	3 12 2
1290	2 0 6	1296	5 14 0
1291	2 10 9	1297	1 13 5
1292	2 10 3	1298	2 2 7

## APPENDICES

YEAR ENDING MICHAELMAS			YEAR ENDING MICHAELMAS				
	£	s.	£	s.			
	d.		d.				
1299	0	3	3	1576	3	17	10
1300	2	9	8	1577	6	6	6
1301	3	5	2	1578	6	15	0
1369	47	3	10	1579	4	13	0
1400	2	14	5	1580	5	7	0
1418	5	15	.6	1581	2	4	8
1435	9	8	5	1582	3	2	10
1443	4	5	7	1583	5	8	8
1450	5	15	6	1584	6	10	6
1455	6	17	11	1585	4	5	8
1469	9	9	5	1586	5	11	2
1472	16	3	1	1587	4	3	0
1477	17	19	8	1588	5	0	8
1478	20	13	8	1589	2	2	6
1489	10	8	2	1590	2	6	8
1495	12	2	10	1591	2	3	6
1496	39	17	0	1592	1	10	2
1504	127	6	1	1593	1	8	2
1517	48	6	3	1594	1	12	10
1518	34	15	0	1595	1	4	10
1524	27	11	1	1596	3	7	0
1540	41	4	11	1597	2	13	2
1544	15	7	4	1598	2	2	0
1545	20	13	4	1599	1	16	9
1547	7	3	10	1600	1	19	4
1549	3	6	6	1602	1	15	2
1553	3	11	10	1603	1	7	6
1554	8	5	2	1604	1	2	6
1555	8	1	17	1605	1	4	6
1556	18	16	0	1606	1	4	8
1561	7	16	0	1607	1	10	0
1563	3	7	0	1608	0	11	4
1564	5	6	10	1609	2	5	8
1565	5	6	8	1610	1	0	0
1566	6	0	4	1611	0	12	8
1567	34	8	8	1612	3	1	2
1568	6	11	8	1613	0	19	6
1569	7	11	0	1614	0	15	2
1570	5	16	2	1615	1	4	0
1571	5	8	11	1616	0	17	7
1573	7	16	6	1617	1	8	6
1574	6	9	2	1619	1	1	6
1575	6	0	12	1620	6	18	3

YEAR ENDING MICHAELMAS		YEAR ENDING MICHAELMAS	
	£ s. d.		£ s. d.
1621	1 11 2	1633	farmed 1 13 6
1622	0 15 10	1634	farmed 1 13 6
1623	6 16 2	1660	farmed 0 16 9
1624	4 15 2	1661	farmed 1 13 6
1626	4 16 6	1750	farmed 1 13 6

*References.*

1243. Pipe R., 27 Hen. III, Devon.  
 1288-1290. *Ibid.*, 20 Edw. I, Devon.  
 1291-1295. *Ibid.*, 23 Edw. I, Devon.  
 1296-1301. *Ibid.*, 29 Edw. I, Devon.  
 1369. Accts. Excheq. K. R., bdle. 263, no. 16.  
 1400-1626. Receiver's Rolls.  
 1633-1750. Receiver's Views.

## U

*Prices of Tin.*

NOTE. \* = taken from Roger's "History of Agriculture and Prices." M = 1200 lbs.  
 The price is to be understood as per pound, unless otherwise indicated.

1199.	£3 M.	1296.*	2d. (Langley).
1266.*	1½d. (Woodstock).	*	2½d. (Ledes).
1270.*	1½d. (Berkhamstead).	1297.	10s. cwt. (white rent).
1280.*	2d. (Corfe Castle).		£4 13s. 4d. M.
1282.*	2½d. (Dover).	1298.	10s. cwt. (white rent).
*	3d. (Oxford).	1299.	10s. cwt. (white rent).
1283.*	2½d. (Dover).	14th cent.	13s. 4d. cwt. (Cornwall).
*	2d. (Dover).	1300.	10s. cwt. (white rent).
1285.*	2d. (Corfe Castle).	1301.	10s. cwt. (white rent).
1287.*	2d. (Dover).	*	2½d. (Cuxham).
1288.*	1½d. (Oxford).	1303.*	1½d. (Oxford).
1290.*	2d. (Pevensey).	*	22s. 4½d. cwt. (Maldon).
*	1d. (Bosham).	1308.*	2d. (Oxford).
1291.*	1½d. (Strugull).	1310.*	3½d. (Oxford).
	9s. cwt. (white rent).	1313?	£4 M. (Cornwall).
1292.	10s. cwt. (white rent).	1318.*	3d. (Caerleon).
*	3½d. (Pevensey).	*	2½d. (Southampton).
1293.	9s. cwt. (white rent).	1319.*	3½d. (Beaumaris).
1294.	8s. cwt. (white rent).	*	3d. (Beaumaris).
1295.	8s. cwt. (white rent).	1320.*	3d. (Usk).
*	2d. (Oxford).	*	2½d. (Southampton).
1296.	8s. 6d. cwt. (white rent).	1323.*	2½d. (Southampton).

1324.*	2½d. (Castle Barnard).	1441.*	2½d. (York).
1326.*	2d. (Clarette).	1442.*	2½d. (York).
*	1½d. (Clarette).	1444.*	2½d. (York).
1334.*	2½d. (Oxford).	1445.*	2½d. (York).
1337.*	2½d. (Boxley).	1446.*	3½d. (York).
1340.*	5d. (London).	1450.	33s. 4d. cwt. (Southampton) (tin vessel).
1341.*	7½d. (Bichyndon).	1456.*	3d. (York).
*	1½d. (Oxford).	1457.*	3d. (York).
1343.*	2d. (Bichyndon).	1459.*	2d. (York).
1351.*	2½d. (Clare).	1461.*	3d. (Oxford).
1357.*	4d. (Acornbury).	1470.*	8d. (York).
	3d. (?)	1471.*	3½d. (York).
1365.*	3d. (St. Briavels).	1472.*	4d. (York).
*	3d. (Sheppey).	1478.*	4d. (York).
*	4d. (Woodstock).	1481.*	4d. (York).
1367-68.	£13 6s. 8d. M.	1483.	25s. 8d. cwt. (London).
1368.*	3½d. (Eton).		26s. 4d. cwt. (London).
*	4d. (Islip).		27s. cwt. (London).
1371.*	4d. (Bicester).		23s. cwt. (London).
1372.*	3d. (Hadley).	1485.*	4d. (York).
*	3½d. (Oxford).	1492.	29s. cwt. (London).
*	4d. (Woodstock).	1497.*	4d. (York).
1373.	2d. (Exeter).	1498.*	4d. (York).
1374.*	3d. (St. Briavels).	1503.*	3d. (Oxford).
1381.*	3½d. (Pershore).	1504.*	4½d. (York).
1391.	13s. 4d. cwt. (Cornwall).	1512.*	6d. (Oxford).
1392.	20s. cwt. (Southampton customs).	1515.*	4d. (Oxford).
1402.	2½d. (London) (tin vessel).	1520.	4d.
	25s. cwt. (London) (tin vessel).	1521.*	4d. (Sion).
*	3d. (York).	1529.*	33s. 4d. cwt. (Sion).
1404.*	3d. (York).	*	4d. (Sion).
1045.*	3d. (Windsor).	*	5d. (York).
1407.*	3½d. (Denbigh Castle).	1530.*	5d. (Oxford).
*	3d. (Denbigh Castle).	1532.	20s. cwt. (Exeter customs).
1415.*	3d. (York).	1533.*	4½d. (Stonor).
1418.*	3d. (York).	1535.*	5d. (York).
1419.*	3d. (York).	*	4d. (Oxford).
1421.	26s. 10d. cwt. (London) (tin vessel).	1542.	4d. (St. Michael's).
	4d. (London) (tin vessel).	1544.*	4d. (London).
	5d. (London) (tin vessel).	1559.*	7d.
	28s. 8d. cwt. (London) (tin vessel).	1561.	33s. 4d. cwt. (Southampton customs).
*	3d. (York).	1565.	46s. 8d. cwt. (Southampton customs) (pewter).
1422.*	3d. (York).	1568.	7½d.
1432.*	3d. (York).	1569.*	6d. (Cambridge).
1433.*	3d. (York).	1571.*	55s. cwt. (London).
		*	50s. cwt. (London).

1571.*	58s. cwt. (London).	1694-97.*	Houghton's prices. <sup>1</sup>
	54s. 7d. cwt. (London).	1697.	63s. 9d. cwt.
1573.	46s. 8d. cwt. (Southampton customs) (pewter)	1698.	63s. 9d. cwt.
1579.	52s. cwt.	1700.	63s. 9d. cwt.
1580.	5d. (Devon?).	1701.	63s. 9d. cwt.
	3d. (Devon?).	1702.	63s. 9d. cwt.
	6d. (Devon?).		45s.-60s. cwt.
	1½d. (Devon?).	1709.*	80s. cwt. (London).
1588	40s. cwt. (Midsummer).	*	81s. 6d. cwt. (London)
	46s. cwt. (Michaelmas).		(bars).
1589.	44s. cwt.	1710.	69s. cwt.
1590.	46s. cwt.	1713.	73s. cwt. (Cornwall).
1591.	44s. cwt. (Midsummer).	1714.	71s. cwt. (London).
	43s. cwt. (Michaelmas).		75s. cwt. (Cornwall).
1595.	£3 10s.-£3 12s. cwt.	1715.	59s. 6d. cwt. (Cornwall).
	£40 M.		68s. cwt. (London).
	63s. cwt. (Midsummer).	1716.	76s. cwt.
1599.	£29 M.	1717.	76s. cwt. (London).
1600.	40s. cwt.		60s.-61s. cwt. (Cornwall) (November).
1604.	72s. cwt. (for pewterers).		72s.-74s. cwt. (London).
1605.*	72s. cwt. (Cambridge).		59s. cwt. (Cornwall) (Christmas).
1606.	65s. cwt.		66s. 6d. cwt.
1607.	5½d.		56s.-57s. cwt. (Cornwall) (Christmas).
1608.	70s. cwt. (for pewterers).		59s. cwt. (Cornwall) (Michaelmas).
1611.*	11d. (Cambridge).		66s.-68s. cwt. (London) (July to Christmas).
1615.	87s. cwt.		60s.-60s. 6d. cwt. (Cornwall) (Midsummer).
1626?.	100s. cwt.		59s.-59s. 6d. cwt. (Cornwall) (Lady Day).
1630.	100s. cwt.	1719.	56s.-57s. cwt. (Cornwall).
1635.	112s. cwt.	1728,* Oct.	79s. cwt. (London).
	104s. 1od. cwt.		81s. cwt. (London).
1650.	65s. cwt.		(bars).
1652-60.	125s. cwt. (selling price for tinniers).	1729,* Jan.	79s. cwt. (London).
1666.	82s. per cwt. (selling price for tinniers).		
1689.	80s. cwt. (Truro).		
1690.	50s. cwt. (selling price for tinniers).		
1692.	64s. cwt.		
1693.	59s. cwt.		

<sup>1</sup> Rogers quotes Houghton's prices for tin at London (per cwt.):—

1694, 1st qr., 72s., 62s.; 2d qr., 62s.; 3d qr., 62s.; 4th qr., 62s.

1695, 1st qr., 62s.; 2d qr., 62s. and 59s.; 3d qr., 59s., 63s., 66s.; 4th qr., 66s., 69s.,

72s., 74s., 76s., 74s.

1696, 1st qr., 74s., 86s.; 2d qr., 80s., 78s.; 3d qr., 78s., 75s., 72s.; 4th qr., 68s.

1697, 1st qr., 66s., 60s.; 2d qr., 60s., 61s.; 3d qr., 60s.

1729.* Jan.	81s. cwt. (London)	1733.* Nov.	78s. cwt. (London).
	(bars).	*	80s. cwt. (London)
* July.	78s. cwt. (London)		(bars).
	(bars).	1735.* April.	74s. cwt. (London).
*	80s. cwt. (London)	*	76s. cwt. (London)
	(bars).		(bars).
* Sept.	77s. cwt. (London).	*	73s. 6d. cwt. (London).
*	79s. cwt. (London)	*	75s. 6d. cwt. (London)
	(bars).		(bars).
1730.* Oct.	78s. cwt. (London).	1750.	55s. cwt. (selling price for tinnery).
*	79s. cwt. (London)		
	(bars).	1762.* Jan.	65s. cwt. (London).
1731.* Jan.	80s. cwt. (London).	1763.*	65s. cwt. (London).
	82s. cwt. (London)		
	(bars).		

## **BIBLIOGRAPHY**

## BIBLIOGRAPHY

THIS list does not aim at completeness. It merely brings together, with a fuller statement of title and with a few additions from other sources used, the references to manuscript and printed materials scattered through the footnotes. Unless otherwise stated, London is to be understood as the place of publication for the English books here listed.

### MANUSCRIPT SOURCES

#### BRITISH MUSEUM.

Additional Manuscripts, nos. 6681, 6682, 6713, 24744, 24746, 28079, 36767. Nos. 6682 and 6713 are especially valuable compendiums of stannary law and custom. They contain the proceedings of most of the stannary parliaments.

Harleian MSS., nos. 1507, 6380, 6696. No. 6380 is an important sixteenth century account of the stannaries, written by a tinner.

Information as to the stannaries will also be found in the Cotton (*Titus B. v.*), Hargrave (no. 321), and Lansdowne (nos. 18, 19, 22, 24, 26, 76, 81, 86, 1215) manuscript collections.

#### LIBRARY OF LINCOLN'S INN.

Hales MSS., no. 83.

#### BODLEIAN LIBRARY, OXFORD.

Additional MSS.

#### CAMBRIDGE UNIVERSITY LIBRARY.

Manuscript Collection. Ff. vi.

#### PRIVY COUNCIL OFFICE.

Council Registers.

#### PUBLIC RECORD OFFICE.

Patent Rolls, Close Rolls, Fine Rolls, and Signet Office Docquet Books. These furnish a large part of the direct information concerning the stannaries during the Middle Ages.

Pipe Rolls. Useful as indicating for the earlier years the receipts from stannary taxes as well as some details of stannary administration.

Exchequer, Augmentation Department, Duchy of Cornwall Accounts and Stannary Rolls. The latter give the coinage accounts, showing from the fourteenth to the seventeenth centuries the amounts of tin coined and the names of the owners.

Exchequer, Treasury of the Receipt. Council Book of the Duchy of Corn-

wall, 25-39 Edw. III, known as the "White Book of Tenure in Cornwall." It contains entries of writs and warrants directed to officials of the Duchy under Edward the Black Prince and of petitions and other proceedings before the Council of the Duchy.

Letters and Papers, Foreign and Domestic (for Henry VIII), and State Papers, Domestic Series. For the sixteenth and seventeenth centuries, these furnish a large part of our material for the history of the mines and miners of Cornwall, but with especial emphasis upon the relations between the tinner and the Crown. They are continued by the Home Office Papers, the Treasury Papers, and the News Letter Entry Book.

Use has also been made of the following classes of documents in the Record Office.

Ancient Petitions.

Black Book of the Exchequer.

Chancery Proceedings.

Chancery Enrolments.

Charter Rolls.

Court Rolls (Stannary Courts).

Customs Accounts.

Durham, Palatinate of, Cursitor's Records.

Escheators' Accounts, Enrolments of.

Exchequer Accounts, Miscellaneous.

Lancaster, Duchy of, Miscellanea.

Lord Treasurer's Remembrancer. Memoranda Rolls.

Ministers' Accounts.

Originalia Rolls.

Subsidy Rolls, Lay

Warrant Books.

#### DUCHY OF CORNWALL OFFICE.

Manuscript Volume. A large folio volume, filled with stannary documents mainly of the sixteenth century.

Receivers' Rolls. This valuable series, running from early in the fourteenth century to the seventeenth century, gives data as to the production of tin and as to stannary revenue. They are continued to the latter part of the eighteenth century by the Receivers' Views.

Audit Accounts.

Ministers' Accounts.

#### PRINTED RECORDS. PARLIAMENTARY DOCUMENTS. LEGAL REPORTS

*Acts of the Privy Council.* New Series, ed. J. R. Dasent. 32 vols., 1890-1907.

*Acts of the Parliament of Scotland.* 12 vols., 1814-1875.

Bainbridge, W. *Laws of Mines and Minerals.* 5th ed., 1900.

*Chancery Proceedings (Calendars of the) in the reign of Queen Elizabeth.* 3 vols., 1827-1832.

Coke, E. *The fourth part of the Institutes of the Laws of England.* 1644.

Coke, E. *Reports.* 7 vols., ed. 1777.

- Compleat Mineral Laws of Derbyshire.* 1734.
- Concanen, G. *A report of the trial at bar, Rowe v. Brenton . . . as to the right to minerals in the assessional lands of the Duchy of Cornwall.* 1830.  
(Dean Forest.)
- Reports of the Dean Forest Commissioners.* Parliamentary Documents, 1835, vol. 36. Of the five reports, the fourth is especially valuable.
- Report from the Select Committee appointed to inquire into the laws and rights affecting Dean Forest.* Parliamentary Documents, 1874, vol. 7.
- See below, Sopwith, *Award of Dean Forest Commissioners.*
- Delebecque, A. J. *Pasimomie, ou collection complète des lois . . . qui peuvent être invoquées en Belgique.* 1833, etc.
- D'Ewes, Sir Symonds, *A Compleat Journal of the Votes, Speeches, and Debate both of the House of Lords and House of Commons throughout the whole reign of Queen Elizabeth.* 1693.
- Domesday Book.* 4 vols., 1783-1816.
- Dugdale, W. *Monasticon Anglicanum.* 6 vols., ed. 1846.
- Hansard. *Parliamentary Debates.*
- Harrison, Sir George. *Substance of a Report on the Laws and Jurisdiction of the Stannaries in Cornwall.* 1835.
- Historical Manuscripts Commission. *Reports.*
- Houghton, Thomas. *The Compleat Miner;* or a Collection of the Laws, Liberties, ancient Customs . . . of the several Mines and Miners in the Counties of Derby, Gloucester, and Somerset. 1688.
- Kemble, J. M. *Codex diplomaticus aevi Saxonici.* 6 vols., 1839-1848.
- Loisel, A. *Institutes constitutives.* Paris, 1646.
- Louvrex, M. G. de. *Recueil contenant les édits et règlements faits pour le pays de Liège et comté de Looz.* Liège, [1749-]1752.
- Northcote, Sir John. *Notebook containing memoranda of proceedings in the House of Commons during the first Session of the Long Parliament,* 1640. Ed. A. H. A. Hamilton, 1877.
- Patrick, R. W. C. *Early Records relating to Mining in Scotland.* Edinburgh, 1878.
- Pearce, T. *The Laws and Customs of the Stannaries.* 1725.
- Pipe Rolls (The) for the Counties of Cumberland, Westmoreland and Durham.* Newcastle, 1847.
- Placita de quo Warranto.* Edw. I-Edw. III. 1818.
- Plowden, E. *Commentaries.* 1761.
- Register of the Privy Council of Scotland.* Edinburgh, 1877, etc.
- Rotuli hundredorum.* 2 vols., 1812-1818.
- Rotuli parliamentorum.* 6 vols. with index, 1767-1832.
- Rotuli Scotiae.* 2 vols., 1814-1819.
- Rymer, T. *Foedera.* (Record Commission edition.) 4 vols., 1816-1869.
- Smirke, E. *The Case of Vice against Thomas.* 1843. Valuable for its appendix, in which are printed many stannary documents.
- (Sopwith, T.). *The Award of the Dean Forest Mining Commissioners as to the coal and iron mines . . . and the rules and regulations for working the same,* with preliminary observations by T. Sopwith. 1841.  
(Stannary Law.)
- The old lawes and statutes of the Stannarie of Devon [1575?].*

- Statement of the Proceedings of the Convocation for the Stannary of Cornwall 1750.*
- Laws of the Stannaries of Cornwall made at the convocation or parliament o, Tinners at Truro, Sept. 13. Anno 27 Geo. II. [ca. 1760?].*
- The Laws of the Stannaries of Cornwall.* Truro, 1808.
- Procedure of the Court of the Vice Warden of the Stannaries.* 1856.
- Reports from the Select Committee on Stannaries Act (1869) Amendment Bill* Parliamentary Documents, 1887, vol. 12.  
See above, Concanen, Harrison, Pearce.
- State Papers, Calendars* (Domestic, Colonial and Venetian series).
- Statutes of the Realm.* 11 vols., 1810–1828.

## OTHER BOOKS

- Abbott, G. *An Essay on the Mines of England.* 1833.
- Achenbach, Hermann. *Das französische Bergrecht.* Bonn, 1869.
- Achenbach, Hermann. *Das gemeine deutsche Bergrecht.* Bonn, 1871, etc.
- Aggravii Venetiani, or the Venetian and other Grievances, together with a Proposal for raising the Price of Tin,* etc. 1697.
- Agricola, G. *De re metallica.* Ed. 1556.
- Anglicus, Bartholomaeus. See *Glanvilla.*
- Annales Monasterii de Burton.* In *Annales Monastici*, ed. H. R. Luard. Roll Series. 1864.
- Arndt, Adolf. *Bergbau und Bergbaupolitik.* Leipzig, 1894.
- Atkinson, Stephen. *The Discoverie and Historie of the Gold Mynes in Scotland* (1619). Edited by G. L. Meason for the Bannatyne Club. Edinburgh 1825.
- Balducci Pegolotti, F. *La Practica della Mercatura.* (Vol. iii in G. F. Pagninal Ventura. *Della Decima.* 1765–1766.)
- Bapst, Germain. *Études sur l'étain dans l'antiquité et au moyen âge.* Paris, 1884.
- Bartlett, T. *A Treatise on British Mining: with a Digest of the Cost-Book System.* 1850.
- Becher, J. J. *Alphabetum Minerale,* etc. Frankfurt-a.-M., 1689.
- Beer, Adolf. *Allgemeine Geschichte des Welthandels.* 3 vols., 1860–1864.
- Bernhard, Ludwig. *Die Entstehung und Entwicklung der Gedingeordnungen im deutschen Bergrecht.* Leipzig, 1899.
- Boase, G. C., and Courtney, W. P. *Bibliotheca Cornubiensis.* 3 vols., 1874–1882.
- Borlase, William. *Observations on the Antiquities of Cornwall.* 2d ed., 1769.
- Borlase, William. *Observations on the Ancient and Present State of the Islands of Scilly.* Oxford, 1756.
- Borlase, W. C. *Tin Mining in Spain, Past and Present.* 1897.
- Bushell, Thomas. *The Case of Thomas Bushell truly stated.* 1649.
- Calvert, J. *The Gold Rocks of Great Britain and Ireland.* 1853.
- Camden, William. *Britannia.* Translated by Richard Gough, 2d ed., 4 vols., 1806.
- Carew, Richard. *Survey of Cornwall.* Ed. 1811.
- Charleton, A. G. *Tin: Describing the Chief Methods of Mining, Dressing, and Smelting it Abroad.* 1884.
- Childrey, Joshua. *Britannia Baconica.* 1660.

- Collins, John. *A Plea for the Bringing in of Irish Cattle and Keeping out of Fish caught by Foreigners*, etc. 1680.
- Cornish Mining: Tin*. By the Special Correspondent of the *Mining Journal*. 1902.
- Cunningham, W. *The Growth of English Industry and Commerce in Modern Times*. 1903.
- Daenell, E. *Die Blütezeit der Deutschen Hanse*. Vol. i, 1905.
- Declaration of Sundry Grievances concerning Tin and Pewter*. 1646. (By I. S.)
- Delabecque, Sir H. T. *Report on the Geology of Cornwall, Devon, and West Somerset*. 1839.
- Del Mar, A. *History of the Precious Metals*. 2d ed., 1901.
- Diest, P. H. van. *Banca and its Tin Stream-Works*. Translated from the Dutch by C. LeN. Foster. Truro, 1867.
- Doddridge, Sir John. *The History of the Ancient and Moderne Estate of the Principality of Wales, Duchy of Cornwall, and Earldome of Chester*. 1630.
- Dudley, Dud. *Metallum Martis*. 1665.
- Eberstadt, R. *Das französische Gewerberecht*. Leipzig, 1899.
- Edwards, E. *The Life of Sir Walter Ralegh*. 2 vols., 1868.
- Egerton Papers, The*. Ed. J. P. Collier. Camden Society Publications, 1840.
- Ellis, Sir Henry. *A General Introduction to Domesday Book*. 1833.
- Ercker, Lazarus. *Fleta Minor. The laws of art and nature in knowing, judging, assaying . . . Metals*. 1683.
- Fairbairn, Sir William. *Iron: Its History, Properties, and Processes of Manufacture*. 3d ed., Edinburgh, 1869.
- Farey, J. *General View of the Agriculture and Minerals of Derbyshire*. 3 vols., 1811-1817.
- Flower, P. W. *A History of the Trade in Tin; a Short Description of Tin Mining and Metallurgy*, etc. 1800.
- (Forest of Dean.) *A True Narrative concerning the Woods and Ironworks of the Forest of Dean; and how they have been disposed of since the Year 1635 [ca. 1670]*.
- Francis, G. G. *The Smelting of Copper in the Swansea District from the Time of Elizabeth to the Present Day*. 2d ed., 1881.
- Fuller, Thomas. *The History of the Worthies of England*. 1662.
- Galloway, R. L. *A History of Coal Mining in Great Britain*. 1882. 2d ed., 1898.
- Gierke, Otto. *Das deutsche Genossenschaftsrecht*. 2 vols., Berlin, 1868-1873.
- Glanius, Bartholomaeus de. *Batman upon Bartholome his Booke de Proprietatis Rerum . . . with additions*. 1582. (J. Trevisa's translation.)
- Gmelin, J. F. *Beyträge zur Geschichte des teutschen Bergbaus*. Halle, 1783.
- Gross, Charles. *The Gild Merchant*. 2 vols., Oxford, 1890.
- Guicciardini, Ludovico. *The Description of the Low Countreys*. 1593.
- Heton, Thomas. *Some Account of Mines and the Advantages of them to the Kingdom*. 1707.
- Heyd, W. *Histoire du commerce du Levant au moyen-âge*. 2 vols., Leipzig, 1885-1886.
- Holinshed, Raphael. *Chronicles of England, Scotland, and Ireland*. 6 vols., ed. 1807-1808.
- Houghton, John. *A Collection for the Improvement of Husbandry and Trade*. 1692, etc.

## BIBLIOGRAPHY

- Hudson, W. H. *Leet Jurisdiction in the City of Norwich*. (Selden Society Publications, No. 5.) 1892.
- Hüllman, C. D. *Geschichte des Ursprungs der Regalien in Deutschland*. Frankfurt-an-der-Oder, 1806.
- Hunt, Robert. *British Mining*. 2d ed., 1887.
- Inama-Sternegg, K. T. von. *Deutsche Wirtschaftsgeschichte*. 3 vols., Leipzig, 1879-1901.
- James, G. C. *Pseudo Cost-Book Mines*. 1855.
- Jars, Gabriel. *Voyages metallurgiques*. 3 vols., Lyon, 1774-1781.
- Jorden, E. *A Discourse of Naturall Bathes*. 1631.
- Kemble, J. M. *The Saxons in England*. 2 vols., 1849.
- Lambert, J. M. *Two Thousand Years of Gild Life*. Hull, 1891.
- Lapsley, G. T. *The County Palatine of Durham*. 1900.
- Leontius, *Vita Sancti Joannis Eleemosynarii*. In Migne's *Patrologia* (Greek Series), vol. xciii.
- Louis, Henry. *The Production of Tin*.
- Lysons, Daniel. *Magna Britannia*. 6 vols., [1806-]1822.
- Macpherson, D. *Annals of Commerce*. 4 vols., 1805.
- Madox, Thomas. *The History and Antiquities of the Exchequer of England*. 2d ed., 2 vols., 1769.
- Maitland, F. W. *Select Pleas in Manorial Courts*. (Selden Society Publications, No. 2.) 1888.
- Malden, H. E. *History of Surrey*. 1900.
- Malynes, Gerard de. *Consuetudo vel Lex Mercatoria*. 1622.
- Narrative concerning the Forest of Dean*. See above, *Forest of Dean*.
- Nicholls, H. G. *The Forest of Dean*. 1858.
- Nicholls, H. G. *Iron Making in the Olden Times; as instanced in the ancient mines, forges and furnaces of the Forest of Dean*. 1866.
- Norden, John. *Speculi Britanniae Pars; a topographical and chorographical description of Cornwall*. 1728.
- Pegolotti, F. B. See Balducci.
- Percy, J. *Metallurgy: Art of extracting Iron and Steel*. 1864.
- Percy, J. *The Metallurgy of Lead*. 1870.
- Pettus, Sir John. *Fodinae Regales: or the History, Laws, and Places of the Chief Mines and Mineral Works in England, Wales, etc.* 1670.
- Pettus, J. *Essays on Metallick Words*. (Part ii of Ercker's *Fleta Minor*.) 1683.
- (Pewterers.) *The Case of the Pewters of England as to the Exportation of Pewter* [1690?].
- Phillips, J. A. and Darlington, J. *Records of Mining and Metallurgy*. 1857.
- Pigeonneau, H. *Histoire du Commerce de la France*. 2 vols., Paris, 1885-1897.
- Pike, J. R. *Britain's Metal Mines: a Complete Guide to their Laws, etc.* 1860.
- Pilkington, James. *A View of the Present State of Derbyshire*. Derby, 1789.
- Plot, Robert. *The Natural History of Staffordshire*. Oxford. 1686.
- Pollock, Sir F. and Maitland, F. W. *The History of English Law*. 2d ed. 1898.
- Polwhele, R. *Historical Views of Devonshire*. Exeter, 1793.
- Polwhele, R. *The History of Cornwall*. 7 vols., ed. 1816.
- Postlethwaite, J. *Mines and Mining in the Lake District*. Leeds, 1889.
- Price, W. H. *The English Patents of Monopoly*. Boston, 1906.
- Pryce, W. *Mineralogia Cornubiensis*. 1778.

- Pulsifer, W. H. *Notes for a History of Lead*. New York, 1888.
- Ray, John. *A Compleat Collection of English Proverbs*. Ed. 1737.
- Ray, John. *A Collection of English Words not generally used . . . and an account of the preparing and refining such metals as are gotten in England*. 1674.
- Reasons for raising the Price of Tin at Present*. [1697?].
- Reyer, E. Zinn. *Eine geologisch-montanistisch-historische Monografie*. Berlin, 1881. Translated by R. Symons, *History of Tin*. Truro, 1881.
- Rogers, J. E. T. *A History of Agriculture and Prices in England*. 7 vols., 1866-1902.
- Rogers, J. E. T. *A Complete Collection of the Protests of the Lords*. 3 vols., Oxford, 1875.
- Rovenzon, John. *A Treatise of Metallica*. 1613.
- Ruding, R. *Annals of the Coinage of Britain*. 3 vols., 1817-1819.
- Schanz, G. *Englische Handelspolitik*. 2 vols., Leipzig, 1881.
- Schaube, A. *Handelsgeschichte der Romanischen Völker des Mittelmeergebiets bis zum Ende der Kreuzzüge*. München and Berlin, 1906.
- Scrivenor, H. *A Comprehensive History of the Iron Trade*. 1841.
- Sinclair, G. *The Hydrostaticks . . . with a Short History of Coal*. Edinburgh, 1672.
- Smiles, S. *Industrial Biography; Iron Workers and Tool Makers*. 1863.
- Sombart, Werner. *Der moderne Kapitalismus*. 2 vols., Leipzig, 1902.
- Sopwith, Thomas. *An Account of the Mining Districts of Alston Moor, Wear-dale and Teesdale*. Alnwick, 1833.
- (Stannaries.)  
*The Case of the Stannaries Stated*. [1650?].  
*The Case of the Tanners Plainly Stated*. 1636.
- Stevens, N. *A Guide to Cheddar and the Neighbourhood*. Cheddar, 1869.
- Stow, John. *A Survey of the Cities of London and Westminster*. Enlarged by J. Strype, 2 vols., 6th ed., 1754-1755.
- Stringer, Moses. *English and Welsh Mines and Minerals Discovered in some Proposals to the . . . House of Commons*. 1699.
- Sturtevant, Simon. *Metallica*. 1612.
- Swank, J. M. *History of the Manufacture of Iron in all Ages*. 2d ed., Philadelphia, 1892.
- Tin Duties, The*. 1833.
- Tinners' Grievance*. See Aggravii Venetiani.
- Unwin, George. *Letters, Remarks, etc., with a View to open an Extensive Trade in the Article of Tin from the County of Cornwall to India, Persia, and China*. 1790.
- Unwin, George. *Industrial Organization in the Sixteenth and Seventeenth Centuries*. Oxford, 1904.
- Vinogradoff, P. *Villainage in England*. Oxford, 1892.
- Waller, William. *The Answer of Mr. Waller to Mr. Hawkins's Report, Given in at the General Court of the Governour and Company of the Mine-Adventurers of England*. 1710.
- Waller, William. *The Mine-Adventure Laid Open*. 1710.
- Watson, J. Y. *A Compendium of British Mining, with Statistical Notices of the Principal Mines in Cornwall; to which is added . . . a Glossary of the Terms and Usages of Mining*. 1843.

## BIBLIOGRAPHY

- Welch, C. *History of the London Pewterers*. 1902.  
 Westcote, T. *A View of Devonshire in 1630*. Exeter, 1845.  
 Worth, R. N. *Historical Notes Concerning the Progress of Mining Skill in Devon and Cornwall*. Falmouth, 1872.  
 Yarranton, Andrew. *England's Improvement by Sea and Land*. 1677-1681.  
 Zycha, Adolf. *Das böhmische Bergrecht des Mittelalters auf Grundlage des Bergrechts von Iglau*. 2 vols., Berlin, 1900.

## PERIODICALS

- Archæological Journal.  
 Cornwall Polytechnic Society (Falmouth). Reports and Transactions.  
 Derbyshire Archæological and Natural History Society (Derby). Journal.  
 Devonshire Association for the Advancement of Science, Literature, and Art (Plymouth). Transactions.  
 Edinburgh Review (Edinburgh).  
 English Historical Review.  
 Ethnological Society of London. Transactions, continued as Journal.  
 Gentleman's Magazine.  
 Jahrbuch für Gesetzgebung, Verwaltung und Volkswirtschaft im deutschen Reich (Leipzig).  
 Jahrbücher für Nationalökonomie und Statistik (Jena).  
 Law Quarterly Review.  
 The Literary Panorama.  
 Mining Almanack for 1849 (1850). Compiled by Henry English.  
 Mining and Smelting Magazine. Edited by H. C. Salmon.  
 Mining Association and Institute of Cornwall (Redruth). Transactions.  
 Mining Institute of Cornwall (Truro). Proceedings.  
 Notes and Queries.  
 Penzance Natural History and Antiquarian Society. Report and Transactions.  
 Philosophical Magazine. Edited by A. Tilloch.  
 Plymouth Institution. Report and Transactions.  
 Quarterly Mining Review. Edited by Henry English.  
 Quarterly Journal of Science. Continued as the Journal of Science.  
 Records of the London and West Country Chamber of Mines.  
 Royal Geological Society of Cornwall (Penzance). Transactions.  
 Royal Institution of Cornwall (Truro). Journal and Reports.  
 Royal Society. Philosophical Transactions.  
 Royal Statistical Society. Journal.  
 Society for the Encouragement of Arts, Manufactures, and Commerce. Transactions.  
 Vierteljahrsschrift für Social- und Wirtschaftsgeschichte (Stuttgart).  
 Zeitschrift der Savigny-Stiftung für Rechtsgeschichte (Weimar).  
 Zeitschrift für die gesammte Staatswissenschaft (Tübingen).

## **INDEX**

## INDEX

- |  |  |
|--|--|
| <p><b>ABRAHAM</b> the tinner, 109 n., 189.</p> <p><b>Accounts</b>, lack of written mine, 185.</p> <p><b>Accursius</b>, 67.</p> <p><b>Achenbach</b>, 180.</p> <p><b>Adits</b>, 10, 11, 28, 31, 178, 193, 194 n. <i>See level.</i></p> <p><b>Adventurer</b>, 101, 103, 114, 154, 170, 191, 199-<br/>202, 204-206, 216, 228.</p> <p><b>Agricola</b>, 9 n., 10 n., 13 n.</p> <p><b>Alderman</b>, 182, 183.</p> <p><b>Alehouses</b>, 217.</p> <p><b>Alexandria</b>. <i>See markets foreign.</i></p> <p><b>Aliens</b>, 47, 175, 212.</p> <p><b>Alston Moor</b>, 79, 80, 81, 83, 88, 164 n., 173.</p> <p><b>Ancient demesne</b>, 97.</p> <p><b>Anglo-Saxons</b>, tin mining of, 33, 34.</p> <p><b>Antoine Pessaigne</b>. <i>See Pessaigne.</i></p> <p><b>Appeals</b>. <i>See jurisdiction.</i></p> <p><b>Apprentice</b>, 47.</p> <p><b>Apprenticeship</b>, 167, 168, 173, 174.</p> <p><b>Arles</b>. <i>See markets foreign.</i></p> <p><b>Arthur, Prince</b>. <i>See legislation.</i></p> <p><b>Artisans</b> as tanners, 191.</p> <p><b>Ashburton</b>, 44 n. <i>See coinage towns, stannaries.</i></p> <p><b>Assay</b>, 224, 226.</p> <p><b>Assay-master</b>, 55, 124, 150, 151.</p> <p><b>Assemblies of miners</b>, in Austria, Saxony, Tyrol, 122 n. <i>See convocations, courts, and stannary parliaments.</i></p> <p><b>Assistants</b>, 129, 130.</p> <p><b>Assize of mines</b>, 75 n.; of beer, 120.</p> <p><b>Associations of miners</b>, 181, 194. <i>See partners, cost agreement.</i></p> <p><b>Astragalus block</b>, 16.</p> <p><b>Azo</b>, 67.</p> | <p><b>Beer Alston</b>. <i>See mines of the king.</i></p> <p><b>Beer Ferris</b>. <i>See mines of the king.</i></p> <p><b>Bele</b>, 23.</p> <p><b>Belgic Provinces</b>. <i>See mining law.</i></p> <p><b>Bellis</b>, 171 n.</p> <p><b>Bellows</b>, 13-15.</p> <p><b>Bellows-blowers</b>, 195.</p> <p><b>Bell-pits</b>, 7 n.</p> <p><b>Bells</b>, casting of, 45. <i>See tin, use of.</i></p> <p><b>Benfield</b>, Lord, 80.</p> <p><b>Bills</b>. <i>See tin bills.</i></p> <p><b>Birlond</b>. <i>See mines of the king.</i></p> <p><b>Black Death</b>, 40, 141, 156, 189.</p> <p><b>Black Forest</b>, 180, 209.</p> <p><b>Blackmore</b>. <i>See stannaries.</i></p> <p><b>Blackmore</b>, bailiff of, 198, 199. <i>See Beare.</i></p> <p><b>Black Prince</b>, 17, 40, 139, 189.</p> <p><b>Black rent</b>, 137, 141, App. N.</p> <p><b>Black tin</b>, 5, 26, 82, 102, 103, 141, 170, 198,<br/>213 n., 216, 225, 226.</p> <p><b>Blasting</b>, 23, 24. <i>See gunpowder.</i></p> <p><b>Block tin</b>, 17, 45, 50, 154, 155.</p> <p><b>Blower</b>, 123, 171, 172.</p> <p><b>Blowing-house</b>, 17, 20, 26, 123, 124, 139, 154,<br/>155, 170-173, 198, 199, 220 n., 223; supervisor of, 155.</p> <p><b>Bludder</b>, Sir Thos., 147.</p> <p><b>Bodmin</b>, 106. <i>See coinage towns, staple, towns for weighing.</i></p> <p><b>Bohemia</b>, 160 n., 179; tin mines in, 47 n.</p> <p><b>Bond</b>, yearly, 222 n.</p> <p><b>Book of Rates</b>, 52.</p> <p><b>Bordeaux</b>. <i>See markets foreign.</i></p> <p><b>Borer</b>, boring, 23, 24, 27.</p> <p><b>Boscawen v. Chaplin</b>, 99, 106, 110.</p> <p><b>Boulton and Watt's engine</b>, 22.</p> <p><b>Bounding</b>, bounds, 35, 39, 158, 163, 164, 186.</p> <p><b>Boys in ore-dressing</b>, 19, 27; in framing, 32.</p> <p><b>Brigham and Wemmes</b>, patent of, 48-50.</p> <p><b>Bristol</b>, 158.</p> <p><b>Brokehouse</b>, complaint against, 213, 214.</p> <p><b>Bruges</b>. <i>See markets foreign.</i></p> <p><b>Buddle</b>, 15 n., 19, 20, 27, 32, 170.</p> <p><b>Buddling</b>, 15, 27.</p> <p><b>Burghmaster</b>, 210.</p> <p><b>Bushell</b>, Thos., 13, 24 n., 42 n.</p> <p><b>By-employment</b>, 187, 221, 222.</p> <p><b>Cadiz</b>. <i>See markets foreign.</i></p> <p><b>Calais</b>. <i>See staple.</i></p> |
|--|--|

- Calciner, self-acting, 32.  
 Calcining, 20.  
 Calstock, 45 n.  
 Cannon. *See* tin, use of.  
 Cantaro, 59 n.  
 Capital, 28, 182, 208, 217.  
 Capitalism, 35, 175, 177, 189–193, 197, 198, 228.  
 Capitalists, 174, 175, 181, 183, 191 n., 199, 223. *See* Bardi, Frescobaldi, Fuggers.  
 Captain, 199, 206, 222.  
 Carew, 11, 13, 15, 110, 116, 171, 186, 199, 202, 215, 217.  
 Carlisle, silver near, 76.  
 Carpenter, 194–196, 198.  
 Carriage, 29, 174 n., 177, 196.  
 Carter, 194.  
*Case* of mines. *See* mines, case of.  
 Cast, 8.  
 Chagford, 44 n.; stannary court at, 165 n. *See* coinage towns, stannaries.  
 Chancery, court of, 99, 100.  
 Chandler, 194, 195.  
 Channel Isles. *See* markets foreign.  
 Chantrell, Rob., 24 n.  
 Chapmen, wandering, 46, 47, 151, 153.  
 Charcoal, 17, 18, 25, 193.  
 Charcoal-burners, 194, 195, 198.  
 Charles II, reaction under, 221; and stannaries, 140 n.  
 Charles VI, edict of (1413), 71, 209.  
 Charters, 41, 95; of A. S. kings, 75; of 1185, 70; of 1201, 36, 37, 82, 85, 89, 92, 104, 109, 166, App. B; of 1219, 70; of 1249, 70; of Edward I, 79, 164; of 1305, 38, 39, 85, 97, 104, 106, 109, 119, 127, 131, 166, App. D; of Pardon (1507), 41, 98, 105. *See* legislation.  
 Children as tanners, 190. *See* boys in ore-dressing.  
 Childrey, 18.  
 Chirographs, 135.  
 Cinder tin, 172.  
 Classifier, 32.  
 Clergy, complaints of against miners, 93.  
 Clerks, 184.  
 Clerk warden, 38, 137.  
 Climesland, King's, 92.  
 Cloth, exportation of, 64; trade in, 61, 216 n.  
 Coal as fuel, 20, 24–26, 158, 164.  
 Coal mining, 6 n., 7 n., 9 n., 12 n., 13 n., 22 n., 23 n., 28 n., 29 n., 72, 78, 79, 125 n., 144 n., 161 n., 174, 191 n., 216 n., 222 n.  
 Coal packs, 171 n.  
 Coffins, 7.  
 Coinage accounts, 186; dues, 85, 132 n., 137, 138, 143, 148 n., 149, 151–153, 156, 220, 230, App. K; hall, 151; rolls, 186, 190; of tin, 39, 44, 45, 106, 107, 132, 149, 152, 154, 156, 186, 210, 212, 215, 218, 224.  
 Coinage Officials. *See* collector, controller, receiver, steward, treasurer, weigher.  
 Coinage towns, 43–45, 47, 124, 130 n., 137, 149, 152, 154; Cornwall: Bodmin, 44, 45, 106; Helston, 44, 45, 106; Liskeard, 44, 45, 106; Lostwithiel, 44, 45, 106, 149; Penzance, 44, 45, 130, 149 n.; Truro, 44, 45, 106, 149; Devon: Ashburton, 45; Chagford, 45; Plympton, 45, 149 n.; Tavistock, 45. *See* Calstock, Hayle, St. Austell.  
 Coins of tin, 140.  
 Coke, case referred to, 100.  
 Collector, 36.  
 Cologne. *See* markets foreign.  
 Combe Martin. *See* mines of the king.  
 Commission of 1524, report of, 105.  
 Companies, mine, 181–184, 198. *See* associations, capitalists, cost book company, Mineral and Battery Works, Mines Royal Company, partners.  
 Competition, foreign, 47, 53.  
 Confirmation of King Henry, 38.  
 Constantinople. *See* markets foreign.  
 Constitution of stannaries, 43. *See* charters, courts, jurisdiction, officials.  
 Consumption of tin. *See* tin, use of.  
 Contract workers. *See* tut workers.  
 Controller, 36, 43, 150, 151.  
 Convocation, stannary, 41–43, 86, 90, 100, 105, 111, 114, 125–127, 129, 221, 222. *See* stannary parliament.  
 Cope, 131 n.  
 Copper, 57, 140 n., 142 n., 208 n.; mines, 23, 33 n., 42 n., 74, 75, 96 n., 158.  
 Corn, 4, 5, 41.  
 Cornwall, 43, 44, 138, 228; capitalism in, 189–191; charters of, App. D; depression of mining, 230; disforesting of, App. C; duke (or earl) of, 38–41, 86, 87, 126–128, 132, 142, 150, 158, 173; justices of, 219; mines of, 75, 76, 183 ff., 200; privileges in, 159; profits of the courts of, App. S; revenues from, 156; stannaries of, 85, 86, 89, 90, 99, 126; tin deposits of, 2, 5, 43, 44; White Book of, 189.  
 Coroner, 80.  
 Cort, 25 n.  
 Cost agreement, cost-giving partnership, 188, 189, 199, 202.  
 Cost and spale, 188.  
 Cost book company, 188 n., 189 n., 205–207.  
 Costeaning, 7, 27.  
 Council of Wales, 110.  
 Counterfeiting of stamp, 153.  
 Court leet, 91, 101 n., 116 n., 121–124, 228.  
 Courts. *See* customary courts, court leet, frankpledge, hundred court, manorial court, sheriff's tourn, shire court, stannary courts.  
 Courts of miners, 73, 79, 81, 116, 118 n., 192.  
 Courts, stannary, 35 n., 37–39, 43, 55, 87–95.

- 99, 107, 109, 113, 216-219, 238, 239, 255, 256, 263, 265 n., 269, 271, 272, 274, 275, 292, 294, 296, 297, App. S and T; conflict with local courts, 91 ff.; remodelling of, 219; royal interference with, 93-95. *See* jurisdiction, steward, court of; vice-warden, court of; profits of.
- Crazing mill, 14, 15, 27, 170.
- Crockernorre, 127.
- Cromwell, Oliver, 220.
- Crops, destruction of, 4, 5.
- Crushing-mill, 32.
- Cumberland, silver in, 76.
- Customary courts, 118.
- Customs of stannaries, 35 n., 37, 76, 78, 80-84, 90, 91, 93, 94, 117, 123, 211.
- Cutters, 156.
- Darby, Abraham, 25 n.
- Dartmoor 44, 86, 163; forest of, 164.
- Dartmouth. *See* exportation ports, staple.
- Deads, 31, 204.
- Debts, collection of, 114, 115.
- Demesne manors, 83 n., 159, 160, 165 n.
- Demesnes, king's, 97, 131.
- Depression in mining industry, 9 n., 39, 217, 222 n., 230.
- Depth of mines, 8-10, 22, 23.
- Derbyshire, 6 n., 14 n., 15 n., 80-83, 88, 90, 92, 118, 125, 131, 159 n., 160 n., 161-163, 164 n., 166, 169, 173, 185, 191, 192, 197, 209, 223 n.
- Descent into mines, 28, 29.
- Devon, capitalism in, 192, 193; charters of, App. D; mines of, 74-76, 197, 198; officials of, 150; privileges in, 159; profits of courts of, App. T; revenue from, 156; stannaries of, 85 ff., 89, 90, 126; stannary population of, 44 n.; tin deposits of, 1, 5, 43, 44.
- Dilleughing, 20, 27.
- Diodorus Siculus, 16, 56.
- Dish and disher of tin, 160, 170.
- Dolcoath mine, 23.
- Dole, 160, 189, 216, 217.
- Domesday Book, 34, 75.
- Draftage, 225.
- Drainage, 9-12, 21, 23, 26, 41, 158, 161 n., 195.
- Drawing-bubbles, 20.
- Dressing. *See* ore, dressing of.
- Drift, 23.
- Drilling, 23.
- Dublet, 138, 139.
- Dudley, Dud, 25 n.
- Durham, mining rights of bishop in palatinate of, 78 n., 88 n.
- Dyeing. *See* tin, use of.
- East India Company, 63, 64.
- East Indies, tin from, 53 n. *See* Banca.
- Edmund, earl, 5, 38.
- Edward I, 39, 75, 82, 192. *See* charters.
- Edward II, 75, 142, 143.
- Edward III, 143.
- Edward IV, 140.
- Elections, 128, 129.
- Elizabeth, Queen, 129, 146, 218, 219.
- Engine. *See* hydraulic draining engines, man-engine, steam-engine.
- Engineering, 30, 204.
- Entrepreneur, 178, 199-203. *See* merchant, middleman.
- Exchequer, central, 74, 135, 138, 196; stannary, 154, 171, 173.
- Excise, 156, 220.
- Exemptions. *See* privileges.
- Exeter. *See* exportation ports, towns for weighing.
- Exportation of tin, 50, 51, 55-64, 133, 142, 148; ports of, 62, 63. *See* exporters of tin, license, markets foreign, smuggling, staple.
- Export duty, 52, 53.
- Exporters of tin, English, 63, 64; Flemings, 151; French, 216 n.; Gallic merchants, 56; Italians, 60, 61, 63; Phoenicians, 56.
- Fairs, 46, 118, 165, 166 n.
- Falmouth. *See* exportation ports.
- Farm of tin, 34, 37-38 n., 43, 132-134, 141, 146, 147, 159 n., 188, App. L.
- Feathers, 14.
- Fine of tanners, 153 n. *See* post-groats.
- Fine of tin, 138, 139, 156, App. R.
- Fining-mill, 195.
- Fire-arms. *See* tin, use of.
- Fleming, case referred to, 100.
- Flemings. *See* exporters of tin.
- Food of tanners, 221.
- Foot-fate, 5, 171.
- Footstalling of tin, 48, 49, 146, 147.
- Forest of Dean, 7 n., 22 n., 25 n., 29 n., 79, 81-84, 88, 90, 116, 120, 125, 129 n., 131 n., 159 n., 160 n., 166, 171 n., 173-175, 185, 197, 209, 221 n., 228. *See* free mining districts.
- Foresters, 195.
- Forge, Catalan, 17 n.
- Fowey, 119 n. *See* exportation ports.
- Foweymore. *See* stannaries.
- Frame, automatic, 32.
- Framing, 27.
- France, merchants of, 216 n. *See* markets foreign, mining law.
- Frankpledge, view of, 91, 121.
- Free mining districts, 78 ff., 81, 82, 88, 158, 173, 174 n., 175, 192, 197. *See* Alston Moor, Derbyshire, Forest of Dean, Mendip Hills.
- Freiburg, 73, 180.
- French wars, effect on output, 41.
- Frescobaldi, 192, 193.

- Fuel, 163, 164. *See* coal, charcoal, peat, turf, wood.
- Fuggers, 182.
- Fuller, 20.
- Furnace, 16, 20, 25; reverberatory, 24-26.
- Furnace-man, 195.
- Fusion of tin, 17, 132. *See* smelting.
- Gales, 174.
- Gaveller, 79, 116, 131 n.
- Genoa. *See* markets foreign.
- Germany, mining and miners in, 9 n., 11 n., 13 n., 14 n., 18, 23, 40, 41 n., 47 n., 70, 73, 202, 228. *See* mining law. Stannaries of, 3 n., 47.
- Ghent. *See* markets foreign.
- Gild, craft, 91, 173; merchant, 87, 164 n.; system, 74, 167 ff., 175, 208, 228, 229.
- Girdlers, 158.
- Glanville v. Courtney, 110.
- Glass, 26.
- Godolphin, Sir Fr., 18; Sir Wm., 110.
- Gold mines, 3 n., 9 n., 42 n., 74, 76-78, 81, 176.
- Goslar, 73.
- Government of stannaries, 86 ff. *See* administration, courts, jurisdiction, officials.
- Grandison, 24 n.
- Grants, 75, 136, 143; cessation of, 77, 78. *See* lease system, mining law, preëmption.
- Grenville, grant to, 74; Sir Bevil, 25.
- Gribb, 185 n.
- Grievances of tanners, 212.
- Groof, 185 n.
- Grove-fellows, 185 n.
- Guicciardini, 60.
- Gunpowder, 13, 23, 200, 203.
- Hall v. Vivian, 113, 115.
- Hanse Towns. *See* markets foreign.
- Harbys, the, 52.
- Hard tin, 172.
- Hatches, 6.
- Hayle, 45 n.
- Headmen, mine, 184.
- Helston, 126. *See* coinage towns.
- Henry III, 74. *See* charters.
- Henry VII, 98, 105. *See* charters, legislation.
- Hewers, 182, 199.
- Saint Peak, hundred of, 81.
- Highway, 79, 164.
- Hochstetter, 41 n.
- Hodge, 24 n.
- Hoisting. *See* ore, hoisting of.
- Holland, smuggling to, 154. *See* markets foreign.
- Hornblower, 22.
- Horse-whim, 10, 12.
- Hostmen, 216 n.
- Hot mark, 172.
- Hue and cry, 120, 190.
- Humphrey, 41 n.
- Hundred court, 35, 119 n., 121, 131.
- Hutreiters, 184.
- Hydraulic draining engines, 11.
- Iglau, 73.
- Iglavians, 70.
- Immigration of German miners, 18, 41 n.
- Imports, foreign, 46, 53 n.
- Impressment, 166, 192.
- Improvements, from Continent, 18. *See* blasting, dressing, engineering, hoisting, mining, transportation.
- India. *See* markets foreign.
- Inspection, laws of, 55, 170-172. *See* coinage.
- Interlopers, 175.
- Ireland, 75, 77, 197 n.
- Iron mining, 33 n., 34, 78, 79, 144 n., 159 n., 174, 221 n.; wares, 212; wire, 42 n. *See* Forest of Dean, smelting.
- Italians in tin trade, 151. *See* exporters of tin, markets foreign.
- Italy, merchants of, 212. *See* Bardi, Frescobaldi, Pessagno.
- Jail of the stannary, 97.
- James I, 146, 218.
- Japan. *See* markets foreign.
- Jars, Gabriel, 26, 186, 200-202.
- Jews, banishment of, 39; in stannaries, 212 n.; stream works of, 3.
- Jews' houses, 16.
- Jigger, continuous, 32.
- Joachimsthal, 74.
- John, king, 83, 133. *See* charters.
- Jorden, Dr., 24.
- Journeymen's union, 182, 183, 189.
- Judges, mine, 184. *See* officials.
- Jurates of stannary parliament, 122, 126, 128, 129.
- Jurisdiction of stannary courts, 35, 36, 41, 85 ff., 104, 113, 117, 135, 136, 192, 227; appeals, 99, 100, 112, 113; equity, 109-112, 115. *See* courts, convocations, pleas, officials, stannary parliaments.
- Jury, 35, 79, 85, 110, 118, 119, 122, 123, 124, 125, 133, 134, 144, 149, 152, 157 n., 163, 172, 194.
- Justices of Cornwall, 219; royal, 157 n.
- Karn, 3.
- Keeper of the weight and stamp, 133, 134.
- Kemble on regalian rights, 75.
- Kerrier. *See* stannaries.
- Kibbles, 12, 29.
- King (and tanners), 35, 138, 174, 175; patronage and protection, 18, 41, 108, 192, 193; policy of, 131, 140 n., 168, 169, 175, 217-222,

- 229, 230; relief from, 217-219; rights of, 74-78, 81, 83, 143, 144; supervision of, 78; trading in tin, 133. *See* lease system, mines of the King, perquisites of the Crown, pledging, pre-emption, regalian rights.
- King's Bench, 100.
- King's Dish, 171 n.
- King's Field, 81, 116.
- King's Marks, App. M. *See* marks.
- Kitchen utensils. *See* tin, use of.
- Kuttenberg, 74, 184.
- Labor, and capital, cleavage of, 182; division of, 183; hired, 189-191, 194; hours of, 28; turns to husbandry, 217. *See* miners, strike, wages.
- Lancaster, duchy of, 85.
- Landlords, rights of, 35, 77, 227. *See* mining law, ownership of mines.
- Launceston, 126.
- Launder, 19.
- Law, common, 113-117; stannary, 35, 36, 80, 86, 87, 90, 93, 103, 106, 113, 154, 169, 171, 173, 175, 181, 185, 188. *See* customs, jurisdiction, legislation, mining law, trade rules.
- Lead mining, 7, 15 n., 24 n., 33 n., 34, 74, 75, 77, 80, 81, 83, 125 n., 131 n., 160 n., 192, 195, 216 n., 223 n. *See* Alston Moor, Derbyshire, Mendip Hills.
- Lease system, 143, 181, 188, 192, 193, 205, 226, 228.
- Legislation and legal decisions: Statute of Laborers, 120; Declaration of 1376, 102, 105, 108; Act of 15 Rich. II, 110; Act of 16 Rich. II, 110; Proclamation of Henry VII, 212; Ordinance of Prince Arthur, 17, 126; Act of 1504, 41, 46; Act of 1513, 46, 87; Act of 1534, 46, 47; Act of 1544, 46; Decision of Star Chamber, 113; Decision of 1608, 105-107, 111, 117, App. G; Resolution of 1627, 107, App. H; Resolution of Privy Council (1632), 106, App. I; Act of Stannary Parliament (1636), 106; Act of 1641, 87, 106, 108; Act of 16 Chas. I, 102, 115; Bill of 1679, 129; Act of 1687, 108; Act of W. and M., 42 n.; Act of 1752, 108; Declaration of Stannary Law (1752), 111; Report of Prince's Council (1785), 112; Reform Acts of the Nineteenth Century, 43, 103, 115, 207.
- Levant. *See* markets foreign.
- Levant Company, 63, 146.
- Level, 9, 11, 21, 203, 217. *See* adit.
- License for exportation of tin, 61 n., 62, 140 n.
- Liddell, patent of, 26.
- Lige, 161.
- Liskeard. *See* coinage towns.
- Loan fund, 218, 219, 221 n.
- Lode, 1-3, 6-8, 9 n., 12, 13, 21, 28, 30, 31, 183, 199, 201, 203; mining, 14, 21, 159, 213; tin, 21, 25.
- London, 38, 45, 60-62, 146, 155, 212, 216, 222, 223. *See* pewter, exportation ports.
- Lord Warden, 98, 99, 108 n., 110, 112, 113, 115-117, 126-128, 148 n., 169. *See* warden.
- Lostwithiel, 99, 126, 143, 171, 173. *See* coinage towns, staples.
- Lot, 131 n.
- Lumber (Lombard) house, 221 n.
- Machinery, 174, 193.
- Mackworth, Sir Humphrey, 42 n.
- Maintenance, 189 n.
- Man-engine, 29.
- Manorial court, 35, 120, 121, 131, 157 n.
- Manors, lords of, 166.
- Markets and market dues, 157 n., 165, 166 n.
- Markets foreign, for tin, 56-64: Alexandria, 58; Antwerp, 59 n.; Arles, 58; Bordeaux, 58; Bruges, 58, 59; Cadiz, 56; Channel Isles, 62; Cologne, 58; Constantinople, 63; Flanders, 59 n.; Genoa, 59 n.; Ghent, 59 n.; Hanse Towns, 58; Holland, 59 n., 62; India, 64; Italian towns, 58, 59; Japan, 64; Levant, 57, 59; Marseilles, 57, 58; Narbonne, 58; Naples, 58; Persia, 64; Pisa, 59 n., 60; Rome, 58; Sicily, 58; Toulouse, 58; Venice, 58-63; Zealand, 62.
- Market towns. *See* coinage towns.
- Marks, 134, 135, 154, 155, 162; of the king, 137; of the new farm, 134.
- Marseilles. *See* markets foreign.
- Masons, 195.
- Master, mine, 184; mint, 184; tin, 214.
- Mayor, 126, 128, 129.
- Measurer, meeter, 170.
- Meer, meer-holder, 81.
- Mendip Hills, 15 n., 80, 81, 83, 88, 92 n., 125, 16 n., 161 n., 166, 169, 170 n., 173, 185, 191 n.
- Merchants, 46, 56, 96, 99-101, 122, 128, 144, 145, 153, 161 n., 164 n., 172, 173, 182, 189, 191, 193, 199, 205, 209-216, 222. *See* Bard, Frescobaldi, king, middleman, Pessaigne, Tideman.
- Merrest, Dr. de, 20.
- Metals, precious. *See* mines.
- Middleman, 151, 208-210, 212, 229, 230. *See* entrepreneur, exporters, merchant.
- Middleton, Sir Hugh, 42 n.
- Military service of tinnery, 167.
- Mine cities, 73, 74.
- Mine officials, 184. *See* officials.
- Mineral and Battery Works, 40, 41.
- Miners, complaints against, 93, 190; condition of, 216 n., 221, 222; inducements to, 73; importation of, 42; revolts of, 183; status of, 34, 35, 37, 92 n., 104, 185, 191 n., 193-197, 217, 219; working days of, 194. *See* customs, German miners, impressment, mining law,

- privileges and exemptions, ventilation, villain.
- Mines, of ancients, 3; depth of, 9; divisions of, 76; laborers in, 194, 197; ownership of, 66 ff., 76, 78, 81. *See* coal, copper, free-mining districts, gold, Germany, grants, iron, lead, mines of the king.
- Mines, Case of, 76 n.
- Mines of the king, 75, 76, 78, 79, 157, 164 n., 166, 192, 197; Beer Alston, 77, 88, 192; Beer Ferris, 77, 88, 192, 194-195; Birmond, 77, 88, 192, 194; Combe Martin, 9 n., 77, 88, 192.
- Mines Royal Company, 40, 41 n.
- Mining law, 67, 69, 82, 171, 208 n., 209-211, 227; in Alps, 68; Assyria, 65; Belgic Provinces, 72; Black Forest, 68; Continent, 67; Egypt, 65; England, 74-84, 162 n.; France, 71, 72, 158 n., 209; Germany, 68 ff., 158 n., 160, 162 n., 163 n., 167 n., 175 n., 215 n.; Greece, 65; Persia, 65; Rome, 65-68, 162 n.; Russia, 72; Saxony, 180, 181; Scandinavia, 72; Scotland, 72.
- Mint, lord's, 180.
- Monatt, 26.
- Moneyers, 157.
- Monopoly, 42, 46, 48, 49, 52, 53, 72, 78, 142, 144 n., 145, 175, 216 n., 217, 219-221.
- Moor tin, 21 n. *See* stream tin.
- Morland, patent of, 21.
- Naples. *See* markets foreign.
- Narbonne. *See* markets foreign.
- Newcastle, coal exports of, 144 n.; coal fields of, 216 n.
- Newcomen's engine, 22.
- Norden, 18, 222.
- Normandy ropes, 196.
- Officials, stannary. *See* bailiff, coinage officials, judges, lord warden, steward, vice-warden, warden.
- Ore, dressing of, 18-20, 23, 27, 31, 32; hoisting of, 12, 29, 30; kinds of, 2; preparation of, 14, 15 (*see* smelting); prospecting for, 4-6, 158 n.; washing of, 163, 170. *See* roughs, slimes.
- Ore buyer, 215.
- Organization, forms of industrial in Cornwall, 189-191; Devon, 192, 193; Germany, 176-184. *See* association of miners, companies, cost agreement, lease system, partners, tribute system, tut system.
- Output of tin, 18, 19, 34, 36, 37, 39-44, 51, 146, 153, 155, 156, 192 n., App. Q.
- Ownership of mines. *See* mines, ownership of; mining law.
- Oyer and terminer, commission of, 93, 94, 132, 157.
- Parliament of England, 87, 157 n.; petition to, 97.
- Partners, mine, 191, 203. *See* associations, cost-giving, tributaries.
- Patents, 48, 50, 77, 145-147. *See* monopoly, pre-emption.
- Patronage, 41. *See* king.
- Paysor, 124, 150 n. *See* weigher.
- Peasants' War, 183.
- Peat, 21, 24 n., 164.
- Pebbles, use of in accounts, 185.
- Peddlers, 47. *See* chapmen.
- Pegolotti, 59, 60, 213.
- Penryn. *See* exportation ports.
- Penwith and Kerrier. *See* stannaries.
- Penzance, 12. *See* coinage towns, exportation ports.
- Perquisitives of the Crown, 76.
- Persia. *See* markets foreign, mining law.
- Pessaigne, 60, 142, 143, 192 n., 212.
- Petitions, to King in Council, 212; in Parliament, 211; against Pessaigne, App. E; against tinnery, App. F.
- Pewter, cost of, 47, 48; trade in, 45-47.
- Pewterers, 45-55, 146, 147, 148, 151, 171, 172.
- Philosophical Transactions, 8 n., 11, 23, 199.
- Phoenicians, 16, 33, 56.
- Piece-work, 180, 194, 202.
- Pie-powder courts, 118 n.
- Pilon tin. *See* tin, grades of.
- Pioneers, 99.
- Pipe Rolls of 1156, 34.
- Pitch, 161 n., 185 n., 200, 203, 204.
- Pit-coal, 20, 24 n., 25, 26. *See* coal.
- Plague. *See* Black Death.
- Pleas, 114-120; and perquisites, 119-120, 138, 139.
- Pledging of mines. *See* revenues of stannaries.
- Pliny, 6, 82.
- Plumbers, 171.
- Plunger, 22.
- Plymouth. *See* exportation ports.
- Plympton, 44 n. *See* coinage towns, stannaries.
- Poll-tax. *See* tributage.
- Polehole, 2, 7, 14.
- Population. *See* stannary people.
- Porters, 150, 156.
- Port reeves, 124.
- Post coinage, 152, 215.
- Post groats, 153, 156.
- Pre-emption, 5, 52, 64, 127, 130, 132, 142-149, 152, 156, 192 n., 217-222, 230.
- Price, Sir Carberry, 42 n.
- Prices: copper, 140 n.; pewter, 48 n.; rise of, 9 n., 41; tin, 5, 41, 47, 48, 51, 52, 60 n., 140 n., 144, 146, 147, 208, 213, 214, 218, 219, 220, 225, App. U.
- Prince of Wales, 86, 108, 110, 112, 138, 139. *See* Cornwall, Duke of.

- Privileged tanners, definition of, 101, 103.  
 Privileges and exemptions of tanners, 36, 88, 89, 106, 107, 157-167, 169, 192-194; of Dean miners, 173-175; of German miners, 73.  
*See* bounding, fuel, impressment, military service, ship-money, trade rules, wood and water.
- Privy Council. *See* legislation.
- Production. *See* output.
- Profits of the courts of Cornwall and Devon, App. S and T; of the great and small stamp, 137, App. P.
- Profits of smelters, 226.
- Property (private) in mines, 75, 79, 84. *See* bounding, mining law, ownership of mines.
- Prospecting. *See* ore.
- Pryce, 2, 8, 16, 21, 26, 27, 185, 200, 202.
- Publicity, 170, 171.
- Pump, 10-12, 177, 195. *See* steam pumps.
- Purveyance, right of, 142.
- Quart-fate, 171.
- Raleigh, as Lord Warden, 87 n., 99 n., 100; preempting tin, 146, 217.
- Rawles v. Usticke, 213.
- Receiver, 43, 150, 151.
- Receiver's Roll, 166.
- Rechenmeister, 178.
- Refiners, 194, 195, 196.
- Regalian rights, 74, 75, 78 n., 83, 84. *See* king, mining law.
- Regulated companies, 168 n., 169.
- Relistian tin. *See* tin, grades of.
- Re-trembling, 19, 20.
- Revenues of stannaries, pledged, 60, 152, 192.
- Richard I, 133.
- Richard, earl, 38, 39.
- Riots, 175, 221, 222.
- Roasters, 194.
- Roebuck, 25 n.
- Rogers, Thorold, 40, 213.
- Roman law, 82, 83. *See* mining law.
- Romans, tin mining of, 33.
- Rome. *See* markets foreign.
- Roughs, 20.
- Routes overland, 56-60. *See* markets foreign.
- St. Austell, 2, 3, 26, 45 n.
- St. John, patriarch of Alexandria, life of, 33.
- Salt works, 76.
- Savery's engine, 22.
- Sawyer, 194, 195.
- Saxony, 160 n.; tin mines in, 47 n.
- Scalesman, 156.
- Scandinavia. *See* mining law.
- Schlichtmeister, 211.
- Schmoller, 176 n.
- Schutz, 41 n.
- Scilly Isles, 7, 11 n.
- Scotland, gold mining in, 3 n.; status of miners in, 191, 192 n.; wages in, 217 n. *See* mining law.
- Seals of stannaries, 85.
- Serfdom, 73, 94, 191 n., 222 n. *See* villein.
- Setting day, 203.
- Seizing, 19, 20, 27.
- Shaft-mining, 8, 9.
- Shamble, 7.
- Shammel, 7, 12.
- Shareholder. *See* cost book company.
- Sheles, 80 n.
- Sheriff, 34, 83, 132, 133, 157, 193.
- Sheriff's Tourn, 89 n., 91, 92, 120, 123.
- Shifts, 177.
- Ship-money, 165.
- Shire Court, 35, 121, 131, 157 n.
- Shode, shodung, 2, 5, 27.
- Shovel-money, 140. *See* tribulage.
- Siam, tin from, 53.
- Sicily. *See* markets foreign.
- Silks, 212.
- Silt, 4 n., 15 n., 119 n.
- Silver mining, 9 n., 42 n., 73-78, 81, 88, 142 n., 164 n., 177, 183, 192, 195, 197, 208, 210.
- Sizing trommel, 32.
- Skips, 29.
- Slag, 21, 26.
- Slag-makers, 182.
- Slaves in ancient mines, 65.
- Slimes, 20.
- Smelters, 74, 182, 198, 208, 216, 223-226, 230.
- Smelting, 14 ff., 26, 132-134, 149, 163, 168, 172, 193, 211, 223-226; charcoal in, 18, 21; coal in, 24; of iron, 17 n., 24-26; peat in, 18, 21.
- Smelting-house, 154, 156, 180. *See* blowing-house.
- Smiths, 194, 195, 198.
- Smuggling, 55, 56, 62, 86, 153-155, 173.
- Soldier, 45, 57 n.
- Southampton. *See* exportation ports, staples.
- Spaliards, spaliars, 99, 101, 169, 198, 199, 202.
- Speaker of the parliament of Devon, 127.
- Speech House, 79, 125.
- Squatting on tin lands, 35. *See* bounding.
- Stampage, 39, 149, 212 n. *See* coinage.
- Stampage duty, 138. *See* coinage dues.
- Stamping, 27, 133, 134, 172.
- Stamping mill, 15, 19, 170.
- Stamp, 19, 32; hydraulic, 18. *See* profits of the stamps.
- Stannaries, 39, 40, 89, 116, 118, 135; Cornwall: Blackmore, 89, 90, 110, 121, 126, 139-141; Foweymore, 89, 90, 126; Penwith and Kerrier, 89, 90, 126, 140, 141; Tywarnhai, 89, 90, 126; Devon: Ashburton, Chagford, Plympton, Tavistock, 90, 126.

- Stannaries Act. *See* legislation (reform acts of the nineteenth century).
- Stannary, twofold meaning of, 33; administration of, 35-39, 42, 43, 85 ff., 108, 131 ff.; parliament, 79, 86, 90, 103, 108, 113, 122, 123, 124 ff., 128, 130, 148, 150, 159, 165, 174 n., 219, 228; people, 44 n., 141 n., 198, 199, 211; rolls, 89, 137; towns, 128; writs, 102 n. *See* coinage towns, constitution, convocation, courts, customs, exchequer, jurates, jurisdiction, law, officials.
- Stannator, 97 n., 98, 104 n., 105, 109, 126, 127. *See* tinner.
- Staples for tin, 61, 62, 120; Ashburton, 61; Bodmin, 61; Calais, 62; Dartmouth, 62; Lostwithiel, 61, 212; Southampton, 63 n., 212; Truro, 61; for wool and hides, 62.
- Star Chamber, court of, 49, 99, 113.
- State control of mines, 185.
- State ownership of mines, 65 ff.
- Statute of Laborers. *See* legislation.
- Statutes. *See* legislation, mining law.
- Steam engine, 21, 22, 29.
- Steam pumps, 21, 22.
- Steiger, 211.
- Steward, 86-88, 90, 110, 112, 116-118, 124, 135, 138 n., 150, 154, 161, 166, 172, 192, 194, 228; court of, 38, 111-113, 115, 192. *See* bar-master.
- Stint, 7.
- Stopes, stoping, 30, 31.
- Stone breaker, 32.
- Strakes, 20.
- Streams, right of diverting, 163.
- Stream tin, 1-5, 16, 21, 163; tinner, 13; works, 1-3, 4 n., 21, 159, 183, 189, 202, 213.
- Strike, 193, 222 n.
- Striker, 170.
- Stride, case of, 87, 159 n.
- Stuffing box, 22 n.
- Sturtevant, Simon, 24 n.
- Subsidy of tenth and fifteenth, 165.
- Subsist, 204, 222.
- Supervisor. *See* blowing-house.
- Supervisors of roads, 124.
- Tallages, 164 n.
- Tamping, tamping-iron, 23.
- Tared, 151.
- Tariff on tin, efforts to revise, 52.
- Tavistock, 44 n. *See* coinage towns, stannaries.
- Taxes, 17, 34, 39, 43, 45, 66, 70, 76-78, 82, 85, 123, 131-137, 152, 158, 161, 164, 169, 187, 192, 217; paid by Cornwall and Devon, 85; exemption, end of, 165, 166; reform of, 156. *See* black rent, coinage dues, dublet, excise, export duty, fine of tin, market dues, marks of the king, marks of the new farm, post groats, profits of the great and small stamp, subsidy, tallages, tariff, tolls, tribulage, white rent.
- Taylor, John, 32.
- Taylor, Rich., 32 n.
- Tenant, rights of, 77. *See* mining law.
- Thomas, John, case of, 189.
- Tideman of Limburg, 62 n., 144.
- Tin, deposits of, 1, 5; grades of, 151, 172 (soft, hard, pilion, relistan); ores of, 2; pockets of, 40; sale of, 151; use of, 57; wages in, 194 n., 199, 214. *See* black, block, cinder, lode, mine, shode, stream, toll, and white tin; exportation of tin; ore.
- Tin bills, 152, 186, 188.
- Tinners, 190, 191; at-large, 102, 105; classes of, 99, 187; definition of, 96-106, 199; number of, 43, 44; petition against, App. F; and pewterers, 54. *See* organization, privileges and exemptions, stannary, stannator, trade rules.
- Tin salts, 57 n.; shift, 170; standard, 224; stones, 5.
- Tithers, 184.
- Tithing, 120, 121.
- Tithingman, 93, 94, 121, 190.
- Toll, 4, 5, 156, 157 n., 159, 165, 195, 199; exemption from, 107, 157 ff., 194.
- Toller, 93, 121, 123, 170.
- Toll tin, 99, 133, 135, 140, 156, 159, 160, 163, 165.
- Tools, 2, 4, 13, 14, 23, 24, 193, 196, 210.
- Toulouse. *See* markets foreign.
- Tower, tin stored in, 147.
- Towns. *See* coinage towns, staples, stannary towns, towns for weighing.
- Towns for weighing and stamping, 134.
- Trade in tin, 16, 43, 45, 46, 53, 54, 146, 154, 158, 168, 212, 221; centres of, 182. *See* exportation, markets foreign, merchants, pewter, smuggling, routes, staple.
- Trade disputes, 183.
- Trade rules, 168-173.
- Tramways, 29.
- Trambling-shovel, 19.
- Transportation of tin, 29, 30, 133, 136, 150. *See* carriage, exportation, routes, trade, steam engine.
- Tread-mills, 10 n.
- Treasurer, 36, 135.
- Trent, bishop of, 70.
- Trevithick, 22.
- Trewynard v. Killigrew, 99.
- Trewynnard v. Roskarrock, 113.
- Tribulage, 40, 138-141, App. O.
- Tribute system, 179-181, 188, 189, 199, 201-204, 211 n., 228, 229.
- Tributers, 182, 184, 202, 204, 208, 222, 229.
- Troner, 150 n. *See* payor, weigher.

- Truck system, 210, 215 n. *See* tin, wages in.  
 Trunking, 27, 32.  
 Truro, 126, 127. *See* coinage towns, staples.  
 Tubber, Cornish, 23.  
 Turf, 24 n., 164.  
 Tut system, tut work, 202, 203, 204, 222, 229.  
 Tywarnhayl. *See* stannaries.
- Under-steward, 110.  
 Under-supervisors. *See* blowing-house.  
 United Mines, 22.  
 Usufruct, 70, 96.  
 Usury, 214, 215, 220.
- Vanning, 6.  
 Venice. *See* markets foreign.  
 Ventilation, 12-14, 28, 217.  
 Verns, 173.  
 Vice-warden, 108-112, 114, 117, 127, 129, 206,  
     228; court of, 109-116, 169, 206; jurisdiction of, 115.  
 Villein, 35, 36 n., 37, 92 n., 94 n., 97. *See* serfdom.
- Wages, 158, 166, 190-197, 199-201, 203, 204,  
     210, 211, 214, 216, 217, 221, 222, 228, 229.  
*See* piece-work, subsist.  
 Wage system, 3, 4, 20, 181, 189, 191 n., 211.  
     Cf. tribute and tut systems.  
 Warden, 17, 34-36, 38, 39, 77, 86, 87, 90, 93,  
     94, 102, 104, 106, 108, 110, 112, 116, 117,  
     127, 133-138, 142, 143 n., 163, 165 n., 166,  
     167, 192, 194, 228; jurisdiction of, 135, 136.  
*See* lord warden.  
 Wars of the Roses, 41.  
 Washers, 194, 196.  
 Washes, 183.
- Wastage, 32.  
 Wastrel, 159.  
 Water, rights to. *See* wood and water.  
 Water-wheel, 12, 17, 21.  
 Water-winders, 195, 196.  
 Watt. *See* Boulton.  
 Weigher, weighing, 133-135, 150-152, 156.  
 Weights, 35, 133, 134, 150, 158.  
 Wemmes. *See* Brigham.  
 Wenzel, Constitutions of, 179.  
 Wesleyan movement, 203.  
 Westcote, 219.  
 Wherry Mine, 12.  
 Whimsey. *See* horse-whim.  
 White rent, 97 n., 137, 141, 142, App. Q.  
 White tin, 5, 14, 15, 17, 102, 103, 141, 154, 170,  
     213 n., 225.  
 Windlass, 10-12, 177, 195.  
 Wine, 212, 216 n.  
 Winze, 200.  
 Wirksworth, hundred of, 81.  
 Wolsey, Cardinal, 24 n.  
 Women as tanners, 190, 192.  
 Wood-cutters, 195.  
 Wood, scarcity of, 24.  
 Wood and water, privilege of, 163.  
 Wool, 61, 212.  
 Woolf, 32 n.  
 Work, forced. *See* impressment.  
 Wright, Thos., 24 n.  
 Wrotham, De, 16, 35, 43, 85, 96, 133, 135, 137,  
     153, 211, 223, App. A.
- Year of Cornish miners, 203.  
 Yearly bond, 222 n.
- Zunftzwang, 167, 168.