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# 8809

THE GROWTH

OF

ENGLISH INDUSTRY

AND

COMMERCE

IN MODERN TIMES.

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# 8809 THE GROWTH

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# ENGLISH INDUSTRY

AND

# COMMERCE

IN MODERN TIMES.

B₹

W. CUNNINGHAM, D.D.



LAISSEZ FAIRE

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AT THE UNIVERSITY PRESS
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> X5-9,3 F5.2 8809

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- 242. The Industrial Revolution in England. The Industrial Revolution, which began in England, entails a complete alteration of social conditions, wherever it spreads. Mechanical inventions were not a practical secoses, till the eighteenth century afforded the requisite opportunities for enterprise. The well-ordered trade of the seventeenth century had been incompatible with the pushing of business, and the old regulations were proving mischievous; in the nineteenth century, though the working classes agitated for the enforcement of existing legislation, Parliament was ready to abandon it. The seventy years of Industrial Revolution changed the whole face of the country.
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  628
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  639
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- 253. Spinning-Jennies for Wool. Hand-jennies for wool came into use at the centres of domestic weaving, and spinning with the wheel ceased to be remunerative, even as a by-occupation. In 1793 the Berkshire justices granted allowances from the rates, and this tided over the transition to spinning by jennies in factories, and subsequent spinning by power. 653
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- 255. The Shearmen and the Pramework Enitters. The use of gigmills, though possibly illegal, was permitted, since they did the work well, the newly invented shearing frames deprived skilled workmen of employment and roused them into violent opposition, in which they were associated with the Luddites. When the regulation of framework knitting by the Company ceased, complaints of hardship arose from the hands, who paid frame rents; and subsequently interior goods were produced, which spoiled the market. The evils were aggravated by the practice of spreading work, and were not due to machinery, but to reckless competition. 661

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257. Credit and Crises. During the war, industry suffered from want of materials and the interruption of the food supply, and all capitalists were affected by the variations in credit, and the consequent crises. There was frequent temptation to over-trading; while Pitt used his power of borrowing so persistently, and political affairs were so threatening, that the Bank had to suspend cash payments.

258. The National Debt and the Sinking Fund. Much of the fiscal burden was deferred, and while Pitt's Sinking Fund, which avoided the errors in Walpole's scheme, inspired mistaken confidence, it served to encourage reckless borrowing.

259. The Suspension of Cash Payments. After the suspension of cash payments, there was no check on the unconscious depreciation of the currency by the over-issue of paper, which tended to raise general prices and to reduce the purchasing power of wages. The authorities of the Bank contested the fact of depreciation, but recent experience in Ireland rendered the true state of the case clear to the Bullion Committee of 1810, and their principles were adopted in 1819, when cash payments were resumed.

260. The Demand for Food and Higher Farming. The working classes suffered from the high price of corn, which was partly due to the increased demand of the manufacturing population. There were large supplies of meat, and great pains were taken to manage the available corn to advantage, to encourage the importation of food from abroad, and to discourage waste.

261. Enclosure and the Labourers. With the view of increasing the home production of corn, enclosure was pushed on, in the belief that the

whole rural population would be benefited; but this hope proved mistaken. In a large number of cases the labourer lost the opportunities of supplementing his income, and was deprived of the hope of rising in the world.

711

262. Eural Wages and Allowances. It appeared impracticable to reintroduce the assessment of wages; and in a period of severe distress, the justices began to grant allowances to the families of able-bodied men systematically, with disastrous results in pauperising the populations while by-occupations and village industries decayed, and the tendency to migrate to towns increased.

263. The Agricultural Interest and the Corn Laws. The Corn Law of 1689 had been successful in both its objects, for many years; that of 1773 was intended to secure a food supply, either from home or abroad, at a steady price; but Parliament reverted to the principle of promoting native production, in 1791, and gave an unhealthy stimulus to tillage for a time, with the result that landlords were threatened with ruin at the Peace. The Act of 1815 was passed on plausible grounds, but in the interest of the landlords as a class, to the detriment of the consumers, and without controlling prices so as to encourage steady agricultural improvement.

264. The Combination Laws. The working classes not only failed to obtain redress under the existing laws, but suffered from the passing of a new Combination Act in a time of political panic, and despite protests against its injustice. Friendly Societies continued to exist; but associations for trade purposes were liable to prosecution; though this was not systematically enforced, an intense sense of injustice was roused.

732

265. Economic Experts. The reluctance of Parliament to attempt remedial legislation was due to the influence of economic experts, who concentrated their attention on national wealth, and were uncompromising advocates of laisses fairs. The vigour with which they insisted on free play for capital as a right, and denounced traditional views, as to the duty of the State to labourers and the expediency of fostering a native food supply, increased class bitterness. The Classical Economists generalized from the special conditions of their own day, and put forward a doctrine of the wages-fund which condemned all efforts on the part of labourers to raise wages, because they happened to be ineffective at that juncture. The Malthusian doctrine, as to the difficulty of procuring subsistence and the rapid growth of population, was a convincing statement of the facts in his time, but left the mistaken impression that all philanthropic effort was necessarily futile.

# IV. HUMAN WELFARE.

266. The Humanitarians and Bobert Owen. English public opinion, under the influence of John Stuart Mill, became dissatisfied with the mere consideration of means, and began to feel after a better ideal of human like, and to work at the conditions which were necessary to realise it. Attempts had been made to put down the cruel treatment of parish apprentices, and other abuses at home and abroad; and positive efforts to better the condition of the poor, by providing new means of education, were generally welcomed. Bobert Owen had extraordinary practical success at New Lanark, not only in his schools and co-operative store, but in managing his mill so as to contribute to the elevation of the operatives in character. 745

267. The Removal of Personal Disabilities. The status of the workmen was improved by altering the conditions for the settlement of the poor, and by repealing the restrictions on emigration, as well as by the repeal of the Combination Acts. Despite an outbreak of strikes, which disappointed the

advocates of repeal, the Combination Acts were not reimposed, and the right of forming Trade Unions was established; the men were defeated in the struggles at Bradford and Kidderminster, but by combining to maintain the standard of life they have secured, with the assistance of the Radicals, a large measure of freedom for joint action.

754

- 269. Conditions of Children's Work. The Economists feared that any shortening of hours would drive away trade and add to the distress of the artisans, but they were not ready to welcome interference, even where foreign competition was impossible. From the influence of Robert Owen, an agitation began against the over-working of children, and a Commission was appointed to enquire into the conditions of their labour in the woollen, linen, cotton, and silk mills. The early age of employment was a general evil, and the small mills had a specially bad reputation, but the irregularity of water-power gave an excuse for working excessive time. Most of the evils, which were brought to light, had attached to cottage industry, and parents deserve a large share of blame as well as masters. The Commissioners of 1833 tried to isolate the question of child labour, and hoped that shifts would be organised. Limits were imposed on the employment of children; and inspectors, acting under a central authority, were charged with enforcing the Act. The over-working of children could not be checked effectively till the hours for women were restricted; and a normal working day of ten hours and a half was at length established, in spite of the forebodings of experts who ignored the results of Owen's experience.
- 270. Distress of Hand-loom Weavers. The low standard of comfort of hand-loom weavers was not treated as a subject for State interference. The power-loom was superseding hand work; the concentration of weaving in factories gave facilities for supervision, and encouraged regularity and honesty, so that cottage weavers had no constancy of employment. The depression in the linen trade, during the transition to power weaving, was aggravated by the competition of Iriah, and of cotton weavers; and in the silk trade, by the habitual spreading of work. The application of power tootton-weaving was delayed through the cheapness of hand work, and led in the worsted trade to labour shifting. The woollen weavers had lost their abnormally high rates, and suffered a period of depression. State action seemed impracticable, but there has been improvement of wages from other fuffuences, and the conditions for health of factory employment compare iavourably with those that characterised cottage industries. . . 790
- 271. Conditions of Work in Mines. The conditions of work in various industries were the subject of enquiry, and a strong case was established for interfering in regard to mines, when a Commission reported in 1840. The employment of young boys in mines had been increasing, but was now prohibited, as well as that of women under-ground, and a system of State inspection was organised.
- 272. Conditions of Life in Towns. The conditions in which labourers lived attracted attention at the outbreak of cholers in 1831, in insanitary districts; and, after thorough enquiry, a Health Department was organised, but on an inadequate scale. The work of providing for the housing of the poor has been partly dealt with by building societies, though the problem is

increasingly difficult either for individuals or municipalities. The new administrative machinery for social purposes is very different from that of the Stuarts, both in its aims and its methods. . . . . 806

#### V. FACILITIES FOR TRANSPORT.

- 273. Eatlways and Steamers. The demands of manufacturing districts for improved transport were met by the development of railway enterprise, which was a boon to the public generally; but it accelerated the decline of rural life in England, especially after the system was introduced in America. The application of steam power to ocean transport was more gradual, and it has greatly benefited the commercial, but not the landed interest.
- 274. Joint-Stock Companies. Under the influence of new conditions, facilities were given for the formation of joint-stock companies with limited liability, and these were largely used for trans-oceanic shipping. The trade of the East India Company to India was thrown open in 1818, but the exclusive trade with China was retained till 1838. The abandonment of well-ordered trade through the Hongists, in favour of open competition, had disastrous results, when the last remnant of monopoly in ocean trade was given up. The danger of monopoly growing up for internal communication led to the interference of Government on behalf of the public, and to the institution of the Bailway Commission.
- 275. Banking Facilities. The inadequacy, for modern requirements, of the credit system was brought out by the crisis of 1825, which led to a renewed agitation against the monopoly of the Bank of England, and to the development of provincial banks, and of London banks with the power of issuing notes. By the Act of 1844 the responsibility for Issuing notes was concentrated in the Bank of England, but this did not prevent the occurrence of crises; the large amount of capital sunk in railway enterprise, and the necessity for large payments abroad, together with a sudden change, due to a good harvest, in the corn trade, brough about the crisis of 1847. The Bank has justified its position not so much by controlling the issue of notes as by maintaining the reserve.
- 276. Public Policy in regard to Navigation. The new conditions of commerce gave rise to an agitation by London merchants against the system of commercial regulation through the Navigation Acts. Reciprocal trade under treaties was adopted with several maritime powers, and preferential tariffs were arranged within the Empira. Though the privileges of English shippers were done away with in 1849, English maritime supremacy has been successfully maintained owing to the introduction of iron shipbuilding.
- 277. Financial Reform. Commercial progress had been hampered by the pressure of taxation; this was reduced, with the view of encouraging industry, before Peel undertook the thorough reform of the fiscal system. Under reduced rates, trade revived and revenue expanded. The change of system was tided over by the temporary imposition of an income tax, which has been retained as a regular charge, owing to its convenience.

  833
- 278. The Relative Depression of the Landed Interest. Economic and political antagonism was roused against the Corn Laws, as recast in 1815, since they benefited a particular class, to the disadvantage of the manufacturing interest. The Irish Famine rendered suspension inevitable, and repeal followed in 1846. The policy of fostering a home-grown food supply was discarded as a failure, and the landed interest was relegated to a secondary place in the State, but the work of improvement was taken

np by substantial tenants, before the full effects of foreign competition were felt.

279. Effects on Ireland. The depression of the landed interest was specially noticeable in Ireland after the Union, for she could not take advantage of the new commercial prosperity by obtaining markets for manufactures; and subsistence farming was maintained, with disastrous results in the Famine. The repeal of the Corn Laws deprived Ireland of an advantage in the English market, and the State has neither succeeded in attracting capitalist farmers nor in developing a peasant proprietary.

845

280. Emigration and the Colonies. The economic principles of laistes fairs in commerce, combined with a belief that the colonies were an expense to the mother country and that they would gain by independence, rendered the English public indifferent to the retention of the colonies; while the colonists were irritated by occasional interference on behalf of native races in South Africa, and of negroes in the West Indies, where the long protected sugar industry has suffered severely. Protection was also withdrawn from Canadian lumber in accordance with Free Trade doctrine. Emigration was encouraged by Lord Selkirk and the Canada Company, and the advantages of systematic colonisation, as a means of relieving England of redundant population and a plethora of capital, were expounded by Wakefield, whose views were partly adopted in the development of Australia and New Zealand. He helped to create a new enthusiasm at home for colonial empire, while steps were taken, both in Canada and New Zealand, to introduce responsible government and thus plant English institutions and strengthen English influence throughout the world. .

#### POSTSCRIPT.

281. Laisses Faire in Commarce. The treatment of the recent economic history of England presents unusual difficulties, especially in view of the development of political life throughout the British Empire. Laisses faire in commerce was long ago accepted as an ideal by individuals, both in England and America, and roused the enthusiasm of the opponents of the Corn Laws, but their expectations as to the action of other nations have not been fulfilled. It may be wise to abandon commercial laisses faire for the sake of securing our food supply, and obtaining an open door for our manufactures. This would harmonise with traditional Whig views of the benefit of commerce in stimulating industry and with the Tory tradition as to distributing the burden of taxation.

282. Analogy with the Elizabethan Age. Recent history presents a parallel with that of the sixteenth century, in the substitution of a new basis for economic organisation; in the effects of the discoveries of gold and silver on prices and on the relative value of the precious metals; in the facilities for the formation of capital; in the building up of great fortunes, and in changes in business organisation, which have been facilitated by the telegraph system.

871

283. The Physical Conditions of Welfare. Whereas Elizabethan statesmen aimed at promoting national Power and the means of attaining it, nineteenth century public opinion is concentrated on the Welfare of the masses, and the conditions for realising it. This affords excuse for exclusive attention to the interests of labour in England and her colonies; while the policy of other countries is more concerned with national Power, or the interests of Capital. The influence of labour is shown in the respective

policies of England and her colonies, and in the development Unions, Friendly and Co-operative Societies.  284. The English Conception of Welfare. The English conc Welfare is distinct from that of other peoples, and includes a der for historical tradition and an abandonment of any desire to a other peoples to the English model, as well as a high respect for hu even in the cases of coloured peoples.  285. Imperial Administration. The Roman Empire had define the same problems, but it was less fitted to grapple with them, military origin, its territorial character, and the economic prentailed, while England has set herself to diffuse political power devise an uncorrupt and efficient system of civil administration junction with democratic institutions.	876 eption of p respect estimilate man life, 881 ealt with from its essure it or and to
•	
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# APPENDIX A.

# WAGES ASSESSMENTS, p. 37.

THE nature of the attempts which were made under the Act of 1563 to regulate wages may be best illustrated by the reproduction of one particular example. The specimen selected is a very detailed Middlesex Assessment; it is undated, and appears to have been printed as a form that might be issued from time to time, without substantial alteration. The original is in the British Museum [190. g. 13 (202)].

A list has been added of the examples of assessments, and allusions to assessments, which have come under my notice. The recently published assessment for weavers in Wiltshire in 1602, is of special interest, as well as the reasons alleged by the Grand Jury for regulating wages in 1661. Hist. MSS. Comm. 1901, Various Collections, 1. 322.

#### i. THE MIDDLESEX ASSESSMENT OF 166-

At the Generall Quarter Sessions of the Peace, of our Sovereign Lord the King, held for the County of Middlesex at Westminster next after the Feast of Easter in the said County, upon (to wit) the Day of in the Year of the Reign of our Sovereign Lord Charles the Second, by the Grace of God, King of England, Scotland, France and Ireland, Defender of the Faith, etc. the The Rates of Servants Wages, Labourers, Workmen and Artificers (in pursuance of the Statute of the Fifth of Queen Elizabeth, in that behalf made and provided) are rated and assessed by the Justices of the Peace of the said County at the said Sessions assembled (calling to their assistance some others of the discreet Inhabitants of the said County) as hereafter followeth:

And it is ordered by the said Justices, that the Sheriff of the said County shall cause the said Rates to be Proclaimed and Published according to the Statute in that Case also made and provided; and that after such Proclamation and Publication made of the said Rates, that no person whatsoever (which may be therein concerned) shall (this present Year) presume to give, allow, demand, receive, or take any greater Wages then such as are mentioned in the said Rates; neither shall any Master, or Mistress, entertain or put away any Servant, Workman or Labourer; neither shall any Servant, Workman, or Labourer, depart from any Master or Mistress, which may be mentioned or intended in the said Statute of the Fifth of Queen Elizabeth or any other Statute in that behalf provided, without due observation of the said Statutes, under such pains and penalties as are therein respectively mentioned.

The Rates of Wages for Labourers and Artificers, published within the County of MIDDLESEX, for the Year of our Lord, 166—

Artificers working by the Year, find themselves Tools.

Free Masons:	Of the best sort,	12.
	Of the second sort,	8.
Carpenters:	Of the best sort,	12.
7	Of the second sort,	8.
Joyners :	Of the best sort,	12.
.*	Of the second sort,	8.
Carvers :	Of the best sort,	12.
	Of the second sort,	8.
Wheelwrights:	Of the best sort,	10.
J	Of the second sort,	6.
Rope-Makers:	Of the best sort,	10.
•	Of the second sort,	6.
Coller-makers:	Of the best sort,	10.
	Of the second sort,	6.
Bricklayers:	Of the best sort,	12.
•	Of the second sort,	8.
Tylers:	Of the best sort,	12.
·	Of the second sort,	8.
Blacksmiths:	Of the best sort,	10.
	Of the second sort,	6.
Plowrights:	Of the best sort,	10.
_	Of the second sort,	6.
Tanners:	Of the best sort,	10.
•	Of the second sort,	6.
Curriers:	Of the best sort,	10.
the first	Of the second sort,	6.

	0.00	£
Wind-millers:	Of the best sort,	8.
<b>6</b> 1 1	Of the second sort,	5.
Shoemakers:	Of the best sort,	10.
D-1 1 -!	Of the second sort,	6.
Bakers being	Of the best sort,	10,
Furners':	Of the second sort,	6.
Butchers being	Of the best sort,	10.
Foremen:	Of the second sort,	6.
Brewers:	Of the best sort,	20.
g	Of the second sort,	10.
Sawyers:	Of the best sort,	12.
Distance	Of the second sort,	8. 12.
Plaisterers :	Of the best sort,	1 <i>2</i> . 8.
<b>M</b> 1	Of the second sort,	
Taylors:	Of the best sort,	8.
<b>C1</b>	Of the second sort,	6.
Glovers:	Of the best sort,	8,
m.	Of the second sort,	6.
Turners:	Of the best sort,	10.
7701 . 1	Of the second sort,	7.
Fletchers:	Of the best sort,	8.
~ "	Of the second sort,	6.
Sadlers:	Of the best sort,	8.
~	Of the second sort,	6.
Coopers:	Of the best sort,	8.
***	Of the second sort,	6.
Water Corn	Of the best sort,	12.
Millers:	Of the second sort,	8.
Artificers working by the	Day from the midst of tof September.	f March to the
7785(68	e of Deptember.	£ s, d,
Free Masons:		- 4 -
Of the best sort with m	eat and drink,	18.
,, ,, ,, without		2 6.
Of the second sort with	» »	12.
,, ,, ,, with	out "	2 0.
Carpenters:		
Of the best sort with m		18.
" " withou	<b>Ե</b> յ, ,,	2 '6.

1 A man who has charge of an oven.

[Carpenters]:	e. d.
Of the second sort with meat and drink,	12
,, ,, without	<b>2</b> 0.
Joyners:	
Of the best sort with meat and drink,	18.
,, ,, without ,, ,,	2 6.
Of the second sort with ,	12.
,, ,, without ,,	<b>3</b> 0.
Carvers:	
Of the best sort with meat and drink,	18.
,, ,, without,,	2 6,
Of the second sort with ,,	12.
!ALA	2 0.
Bricklayers:	<b>a</b> v.
•	18.
Of the best sort with meat and drink,	
,, ,, without ,, ,,	2 6.
Of the second sort with ,,	12.
,, ,, ,, without ,,	2 0.
Tylers:	
Of the best sort with mest and drink,	18.
,, ,, without ,, ,,	2 6.
Of the second sort with "	12.
,, ,, ,, without ,,	<b>3</b> 0.
Thatchers:	
Of the best sort with meat and drink,	12.
,, ,, without ,, ,,	<b>2</b> 0.
Of the second sort with	9.
,, ,, without ,,	18.
A paire of Sawyers:	
With meat and drink,	2 0.
Without mest and drink.	4 0.
,	
Artificers working by the Day from the midst of	
September to the midst of March	
Freemasons:	10
Of the best sort with meat and drink,	12.
,, ,, without ,, ,,	2 0.
Of the second sort with "	10.
,, ,, ,, without ,,	20.
Carpenters:	
Of the best sort with meat and drink,	12.
93 95 without 99 99	2 0.

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[Carpenters]: 2	s. d.
Of the second sort with meat and drink,	10.
,, ,, without ,,	20.
Joyners:	-
Of the best sort with meat and drink,	12.
,, ,, without ,, ,,	2 0.
Of the second sort with ,,	10.
,, ,, without ,,	20.
Carvers:	
Of the best sort with meat and drink,	12.
,, ,, without ,, ,,	<b>2</b> 0.
Of the second sort with ,, ,,	10.
,, ,, without ,,	20.
Bricklayers:	
Of the best sort with meat and drink,	12.
,, ,, without.,, ,,	2 0.
Of the second sort with ,,	10.
,, ,, without ,,	20.
Tylers:	
Of the best sort with meat and drink,	12.
,, ,, ,, without ,, ,,	2 0.
Of the second sort with ,,	10.
,, ,, without ,,	20.
Thatchers:	
Of the best sort with meat and drink,	8.
,, ,, without ,, ,,	18.
Of the second sort with ,, ,,	6.
,, ,, without ,,	16.
A paire of Sawyers:	
With meat and drink,	20,
Without ,,	3 0.
Sawyers working by the great,	
For sawing of Boards by the hundred, for every	
hundred,	3 0.
For sawing of slitting work by the hundred, for	
every hundred,	3 0.
Husbandmen and Hindes serving by the Year.	
Carters or Drivers:	
Of the best sort, 8	0 0
Of the second sort, 6	0 0.
Of the third sort,	0 0.
Va was small BUL by	v vi

Hindes or Husbandmen:	£	s.	d.
Of the best sort,	6	0	0.
Of the second sort,	4	0	0.
Of the third sort,	3	0	0.
Gardiners:			
Of the best sort,	8	0	0
Of the second sort,	6	0	0.
Of the third sort,	4	0	0.
Gardiners working by the day:			
Without meat and drink,		2	6.
With meat and drink,			18.
Of the second sort without meat and drink,		2	0.
,, ,, ,, with ,, ,, ,,			12.
Common Labourers and Workmen by the Da	y.		
For mowing Corn and Grass by the day with			
meat and drink,			12.
Without meat and drink,		2	0.
For reaping of Corn with meat and drink,			12.
,, ,, ,, without ,, ,,		2	0.
For making of Hay with meat and drink,			8.
,, ,, ,, without ,, ,,			16.
Labourers of the best sort from the midst of			
September to the midst of March with meat			
and drink,			8.
Without meat and drink,			16.
The same of the second sort with meat and drink,			6.
Without meat and drink,			12.
The same of the best sort from the midst of			
March to the midst of September with meat			
and drink,			10.
Without meat and drink.			18.
The same of the second sort with meat and drink,			8.
Without meat and drink,			14.
Mowing of Grass well grown by the Acre,		2	6.
Mowing of Barley ,, ,, ,,			14.
Mowing of Oats , , , ,			14.
Mowing of Beans by the Acre		2	6.
Reaping, binding and laying in shacks of Wheat			
or Rie well grown, and not very sore Lidge			
by the Acre,		6	0.
<sup>1</sup> Corn not very badly laid.			

 Wages Assessments and References to Assessments made by the Justices of the Peace<sup>1</sup>.

Norfolk. 9 H. VI. Assessment, Printed in English Hist. Review, Vol. XIII.

Northamptonshire, 1560. Assessment among Earl Spencer's MSS., Hist. MSS. Commission, 11. Ap. 18. CL Economic Journal, 11. 504 n.

Buckinghamshire, 1562. Assessment. Economic Journal, Vol. viii. p. 343.

Rutland, 1564. Assessment. Bodleian, Arch. F. c. 11.

Lincoln (County of), 1564. Assessment in Queen's College, Oxford. Proclamation Book, fol. 77—79.

Southampton, 1564. Bodleian, Arch. F. c. 11, preamble of an Assessment.

Kingston-upon-Hull, 1570. Assessment. Dyson, Proclamation Book. Brit. Museum, G. 6463 (77).

Warwick (Town), 1586. Reference to the practice in Book of John Fisher, p. 156.

Chester, City of, 1591. Assessment. Thorold Rogers, History of Agriculture and Prices, Vol. vl. p. 685.

Yorkshire (East Riding), 1593. Assessment. Thorold Rogers, op. cit., Vol. vi. 686.

Chester, City of, 1594. Assessment. Thorold Rogers, op. cit., vi. p. 685.

Devonshire, 1594. Assessment. Hamilton, Quarter Sessions Records, p. 12.

Lancaster, 1595. Assessment. Thorold Rogers, op. cit. p. 689. New Sarum, Wilts, 1595. Assessment in Proclamation Book, Queen's College, Oxford, f. 331.

Higham Ferrers, Northampton, 1595. Assessment in Proclamation Book, Society of Antiquaries.

Cardigan, 1595. Assessment in Dyson, op. cit. (331 B.).
London. Reference to almost continuous Assessment, made

<sup>&</sup>lt;sup>1</sup> As to the rating of Wages by Gilds and Town Authorities, numerous examples are given of the sixteenth and seventeenth centuries in an article by Miss B. L. Hutchins: The Regulation of Wages by Gild and Town Authorities. Economic Journal, Vol. x. p. 404.

<sup>&</sup>lt;sup>2</sup> In the year 1593 bills were drafted for regulating the wages of weavers and spinners by the piece. The assessment annexed was apparently intended to have statutable authority. S. P. D. El. coxxxv. 129, 130.

from 1514 to 1607. E. A. McArthur: "Regulation of Wages in the Sixteenth Century," Eng. Hist. Review, Vol. xv., and also to assessments for other parts of the country, 1565, 1578, 1581, 1586, 1588, 1590, 1591, 1592, 1593, 1596.

Middlescx. Reference to Assessments in 17th century. See Miss E. A. McArthur, op. cit., p. 455.

Wiltshire, 1602—85. Assessments and continuing orders. Hist. MSS. Comm. 1901, Various Collections, r. 161.

Yorkshire (North Riding), 1608. Reference to the existence of an Assessment, a gentleman being presented for giving higher wages than those fixed, North Riding Record Society, Quarter Sessions Records, ed. Atkinson, I. p. 148. A labourer was also presented at another Sessions (April), for refusing to work for such wages as the statute appointed, ib. II. 114, and another instance occurs in the following January, IL 141.

Yorkshire (North Riding), 1610. Two presentments. Vol. II. 202, 220, of men who refused to work at the statute rate testify to the existence of Assessments. A woman was also presented that year for giving too much wages, and two others for refusing to state the amounts their servants received, ib. II. 207.

Norfolk, 1610. Assessment. Eng. Hist. Review, XIII. p. 523. Rutland, 1610. Assessment. Thorold Rogers, op. cit., p. 691.

Yorkshire (North Riding), 1613. A man was presented for giving wages contrary to the Statute, op. cit., II. p. 37.

Yorksbire (North Riding), 1614. A man was presented to the justices for refusing to work for statute wages.

Lincolnshire, 1619. Assessment among the MSS. of the Duke of Rutland, *Hist. MSS. Commission*, XII. Ap. iv., p. 455.

Lincolnshire, 1621. Assessment. Hist. MSS. Commission, III. Ap. iv., p. 460.

Cambridge, Norfolk, Suffolk, Essex, 1630. The Council ordered Assessments to be made in a letter to the justices of these four counties, *English Hist. Review*, Vol. XIII.

Suffolk, 1630. Assessment. English Hist. Review, Vol. XII. Norwich, 1630 reported having made an Assessment to the Council, S. P. D. C. I. CLXXVI. 1.

St Albans, 1631. Assessment. Gibbs, Corporation Records of St Albans, p. 281.

Hertfordshire, 1631. Assessment. Clutterbuck, The History and Antiquities of the County of Hertford, 1. p. xxii.

Derbyshire, 1634. Assessment. Cox, Three Centuries of Derbyshire Annals, 11. p. 239.

Yorkshire (North Riding), 1647. A man was presented for paying unreasonable wages to labourers contrary to the law, iv. p. 270.

Nottinghamshire (Mansfield), 1648. Reference to Assessment in George Fox's Journal, 1694 (p. 17).

Derbyshire, 1648. Assessment. Cox, op. cit., p. 241.

Essex, 1651. Assessment. Thorold Rogers, op. cid., vi. p. 696.

Devonshire, 1654. Assessment, Hamilton, op. cit., p. 163.

London, 1655. Assessment in British Museum, 21. h. 5 (61). Yorkshire (North Riding), 1658. Assessment. Quarter

Sessions Records, Vol. VI. p. 3.

Middlesex, 166., Assessment in British Museum, 190. g. 13 (202). See p. 885 above.

Essex, 1661. Assessment. Thorold Rogers, op. cit., vi. 697. Worcestershire, 1663. Assessment. Hist. MSS. Comm. 1901; Various Collections. 1, 323.

Yorkshire (North Riding), 1680. Reference to the justices having assessed wages, op. cit. VII. pp. 34, 45. 57 masters and their servants were presented in the January sessions for giving and receiving more wages than were rated. In the following sessions (18 January) five more masters were presented, and in April 1681 seven more cases were brought up.

Lincolnshire, 1680. Assessment. P. Thompson, History of Boston, p. 761.

Suffolk, 1682. Assessment Thorold Rogers, op. cit., vi 698. Warwickshire, 1684. Assessment. Thorold Rogers, op. cit., p. 699.

Buckinghamshire, 1688. Assessment. Hamilton, op. cit., p. 249.

Yorkshire (North Riding), 1692. Wages ordered to be republished as they were appointed and settled last year. Quarter Sessions Records, VII. p. 128.

Yorkshire (West Riding), 1703. Assessment. Thorold Rogers, Vol. vii. p. 610. This Assessment was re-issued in 1704, 1705, 1706, 1707, 1708, 1722.

Shropshire. Reference to Assessments in 1710, 1711, 1712. The Assessment of 1732 is given in full in *Economic Journal*, Vol. IV. p. 516. This was republished in 1733, 1734, 1735, 1738, 1739.

Devonshire, 1712. Hamilton, op. cit., p. 273.

Nottinghamshire, 1724. Assessment in British Museum, 1882. d. 2 (192).

Lancashire, 1725. Annals of Agriculture, xxv. p. 305.

Gloucestershire, 1727. A State of the Case, &c. of the late Commotions (1757), quoted by Hewins, English Trade and Finance, 160.

Kent, 1732. Assessment. Thorold Rogers, op. cit., vii. p. 623.
Gloucester, 1732. Assessment. Id., op. cit., Vol. vii. p. 610.
Lincolnshire, 1754. Assessment. P. Thompson, History of Boston, p. 766.

The existence of 47 assessments is mentioned by Mr Hewins in his article on "The Regulation of Wages by the Justices of the Peace," in the Economic Journal, Vol. VIII. 344. As references are not given to the place and date of these assessments, it is difficult to say how far the instances he has collected coincide with those enumerated above. That they supplement the foregoing list to some extent is clear from the fact that it does not contain assessments from Cheshire, Colchester, Dorset and Somersetshire, though Mr Hewins has come across examples from these places.

## APPENDIX B.

#### Enclosure and Depopulation, 1607.

The following paper, endorsed A consideration of the cause in question before the Lords touchings depopulation and dated 5 July 1607, has been preserved among the Cottonian MSS. at the British Museum (Tit. F. IV. f. 319). It appears to consist of memoranda for consideration by the Council in connection with the Northamptonshire riots. See above, pp. 102, 103.

#### July 5, 1607. A CONSIDERATION OF THE CAUSE IN QUESTION BEFORE THE LORDS TOUCHINGE DEPOPULATION.

In redresse of these offences. Inclosurs connertinge of Arrable. Depopulation made the pretended causes of this last tumulte. 2 thinges may falle into consideration

- 1 Whether the tyme be fitte to gyue remedie, when suche encouragement may moue the people to seeke redresse, by the like outrage, and therfore in Edw: the sixte his tyme the remedie was not pursued untill twoe Yeares after the rebellion of Kette.
- 3 Whether these pretended be truly inconvenyent and therfore fitt to consider what just reason may be alleaged for

#### I Inclosures web are

- 1 Becuritie (fforfaigne Invadors whoe cannot soe easelie marche spoile and forraye in an enclosed Countrie, as a Champion. of state Domestike commotions whiche Wilbe preuented when their false pretences (Inclosieurs was they use ad faciendum from populum ar taken awave. (A contrario: the Nurseries of Beggars are Commons as appeareth by ffenns and fforests of Welthie people the anclosed Countries as Kases Somersett Denon &c; flewell we they want in the Champion, is supplied by Inclosures. And laborers, encreased as are their employments by Hedgeinge and ditcheinge. 20 lances Northt. 80 light horse Horses 2 Increase 50 lances of welthe Somersett 250 light horse A comparatie: as Northamptonshire People for the Musters of 60 petronelis and people and Somersett the one most 600 trayned Norths. proued Champion, more ground, Litle 600 untrayned foote Waste, the other all enclosed but 4000 travued Someraet inferiour in quantitie and qual-12000 untrayned hine: Yett by advantage of se-Northt. 976 . 1 . 4 Subside veraltie, and choice of employ-3832.12.10 Somers ment exceedings farre in North L 963. 0, 0 Profit or Welthe by the Fiftens Somers. 1138. 0. 0 Norths. 2174. 0. 0 651. 0. 0
- II Leavelnge the Imployment of the ground to discretion of the occupants: see all the howest and Land may be mayntoyned in severalle tenantries, Ingresinge beings truly the disease and not connectings withe may be instifled for
- 1 Equalitie, for the Lawe of tillage haveinge Lafte Essex and many other Shires to their choice, and therby noe Inconvenience in the stat found, and that all Arguments alleaged for those Counties will infer as mache for the inland shires of Northemytos Leicester &c. and because their situation soc remote from any porte or nanigable Byner (whearby the charge of carriage farre exceedings the full worthe of the Corne they sell) leaveth to them a disadvantage only: it wears more inste to gyne the free employeings of their ground to suche Husbandrie as will reduce them to an equalitie of benefit w<sup>th</sup> the Nanigatic shires, (w<sup>th</sup> is by grassings (to w<sup>th</sup> their soyle is more fitte then other Counties) whearby the vent of suche their Commodities shallo more

In or the true calianceinge of our beste commodities, Wolfe and Corne (whearin the ouerwaight will appear in the Laste) for in Henr. the 8. his tyme wolfe was the Todde vij' and viij'. Barlye (the greatest grayne of the Inland shires) vi' and viii' the bushell the one is nowe veually xiiij' the todde the other xvij' and xx' the strike. Soe Wolfe risen above 2 thirdes holdeth almoste a proportion wall other Comodities treble emproued by the encrease of moneys. And Corne Litte more then doble, is the reason of connertinge arable to reduce the profites equall to the Husbandman, for keepings the Land in dinided Tenantry. the good individuall is the good generall: for Corne beings dearer then Clothe or meat comparatively the Husbandman will plowe: since his only ende is profite. if equall or under noe reason to constraine him for that Lawe which divideth labor from profite (as the Art of tillage) is that wa causeth the greate difference of the Welthes and abilities of severall shires as the ar oppressed with that \*\*Edutet.\*\*

III Depopulation we (as all other engrossement) admitteth noe defence doth justlie moue a course of remedie we muste be for

1 Redresse of what is alredy done either by A newe Lawe (for the ould is defective and will hardly support an Information) And to reache to all is moste iust, since by noe reason Antiquitie ought to turne mischefe into convenyencie, when it weare more fitte that he that by Longest offendings hath done the most prejudice and receyved the beste benefit, should in the punishment undergoe the greatest Censure. And therfore it weare convenyent to tye by Statut, all men to hould as their Demeasne not aboue the 4th parte of any Mannour, the other 3 to be deuyded into tenements and noe one to exceede 100 Acres. And that noe man in the same parishe should keepe twoe such tenements in his occupation

OF

By authoritie of Counsaill, as about the 9 of Henr. 7; 22 Henr. 8; and 4 or 5 of Ed: 6 when the offendors weare called uppe, and weare by order enioyned to reedifie, halfe as many in every Mannour as they had decayed, and, became bound by recognisance as appeareth in the Exchequor in the case of Andrews of Winwick and others, from tyme to tyme to maynteyne see many and see much Land to them as they were ordered by the Lordes to doe.

- 2 Prevention of that to come. And that may best be to cause throughe the Champion Countries or the whole Kingdome suche a survey to be made by Commission as was 7° of Edw: the first retorned into the Chamcerie and at this days called the Hundred Rolles expressenge what Lande is the Lordes Demeasne, and the particular nomber of all the howses and quantitie of Lande belonginge to them in enery Parishe in the Kingdome. That done to enione in enery Parishe by a newe Lawe that number to be maynteyned: and the Judges in their Circuits usually to enquire of all defaults thearin. And that uppon enery decaye or vnpeopleinge of any of those Howses recorded, and oc other whin the space of one Years builded whin the same Mannour or nears thear vnto who a like quantitie of ground annexed to it, it shalbe lawful for the Lord Tresorer and Barons of the Exchequor to Lease it for 21th Years only as a Mortmayne, and demise it for that tearme to the King's vae, and retorne it in charge into the Exchequor.
  - By redressinge the fault of Depopulation and Leaueinge encloseinge, and convertinge arbitrable (sic) as in other shires the poore man shabe satisfied in His ende; Habitation; and the gentleman not Hindred in his desier: Improvement. But as thear is now a Labour to state out Dwellinges for as muche stocke of people as the Comon Wealth will bear it muste likewise be fitt, as good husbandes doe withe their groundes to provide that you doe not over burthen it. But as they doe will their encrease remove them to other places: see must the state either by transferings to the Warres or deduceinge of Colonies went the daylie encrease that ells will surcharge the State: ffor if in London a place more contagious then the Countrys the number of Cristenings doth weekely by 40 exceede the burialls, and that the Countries proportionally doth equall if not outgoe that rate, It cannot be but that in this State, as in a full bodie theare must breake out Yearely tumors and Impostures as did of late.

## APPENDIX C.

THE ACTION OF JAMES I. AND CHARLES I. IN REGARD TO TRADE AND THE COLONIES. pp. 175, 176, 199, 343.

The question as to the success of the early Stuarts in their efforts to promote commerce and colonisation may give rise to much difference of opinion; it is at all events clear that an attempt to control the development of material progress by means of monarchical authority was not likely to be favourably received in the circumstances of the time. The following extracts may serve to show that whether the course they pursued in regard to trade and colonisation was wise or not, neither James I, nor Charles I. was wholly supine or careless in the matter. James I. contemplated the creation of a Council of Trade, and this idea was taken up by Charles I. It had for a time at least regular sittings at which His Majesty was present and himself made suggestions. Not merely was there this activity as regards trade; a special body of Lords Commissioners for the Plantations was created with full powers to control the development of newly settled lands beyond the seas.

i. Letter of James I. to Commissioners of Trade, on the State of the Woollen Industry. See above, p. 199. Brit. Mus. Add. MSS. 12,496, f. 113.

Right trustie and welbeloved Councellors and the rest. Wee greete you well.

Not long since, for the more quiet trade and Comerce within this our Kingdome. And for the better advancement of our Customes, and the keeping of our subjects from Idlenes by restraining of the Woolles of this Realme from exportation and by draping of them all here at home, being the principall staple comoditie of this our Kingdom. Wee did direct a Commission to you touching the advancement of Trade. And whilest you did attend the service required by that Commission wee founds many particular benefitts to arrise to us and our subjects thorough

your paines and endevors taken in that behalfe. As namely the increase of our Customes, the vent and sale of a greater bulke of Cloth than formerlie was vented. The price of the Woolles risen in many of our Counties to 4s and 5s in a Todd more then it was wont to be solde for. The poore Clothiers and Clothworkers were then freed and disburdened of many vexatious and chargeable Suites brought against them by troublesom Informers and Aulnagers. And our Marchants incouraged and perswaded by your care to buy up clothes in a rounder and greater proportion than they were accustomed to doe. But for so much as wee are now given to understand that since you gave over your sitting upon the sayd Commission many things are much out of Frame. The woolles are weekely and familiarly transported into France Holland and other forreine parts to the decay of our Customes and of the quantitie of cloth which was wont to be made yearlie here. Our Clothiers and Clothworkers disquieted and troubled, by unjust suites comenced against them, by Informers, Aulnagers and many other greate disorders and abuses committed by sundrie persons since you neglected your Attendance uppon the said Commission. Theis are therefore to will and require you all delayes and excuses sett aparte, to meete constantlie once a Weeke at Haberdashers Hall about this Commission of Trade. For wee hold it necessarie to keepe that Commission still afoote, seeing nothing can concerne the welfare of our Revenue in point of our Customes more than the due execution thereof. Besides new Accidents doe daylie and ordinarilie befall in matters of Trade which cannot be well reformed or remedied without your travaile and paynes to execute that Commission. And weekely to consult and conferr together how to cutt off all mischiefes and inconvenience which are alreadie crept in or shall hereafter come to your knowledge. So expecting your attendance and care hearunto, And also to acquaint us from time to time with your proceedings herein wee bidd you heartilie farewell.

Given at our Court at Newmarket the 23rd of Januarie 1624.

To our right trustie and welbeloved Cosen and Councellor Henry Vicecount Mandevile President of our prince Councell and to our right trustie and right welbeloved Councellors Fulke, Lord Brooke, Sir John Suckling Knight Comptroller of our Household Sir George Caluert Knight one of our principall Secretaries Sir Julius Cæsar Knight Maister of the Rolles and to our trustie and welbeloved the rest of our Commissioners for Trade.

ii. Instructions to the Council of Trade under Charles I. See p. 175 n. 3. S. P. D., C. I. XLIV. 20.

Whereby a Committee, Lately chosen; Wee have bene certefyed of the diverse and severall causes of the decays of trade and commerce within our severall domynions, with the remedyes thereof amongst which it was conceived that a standinge Committee of select persons of quallitie, to whom the subject in cases of difference, disorder, practise and combynacion of trades and artifycers impedymentinge the prosperitie of the kingdome, might haue reference unto, Is both usefull and of necessytie ffor the orderly gouerninge and Ballancinge of trade and redye reformacion of any matter or cause repugnant to, or interruptings the same ffor which purpose wee have assigned etc. Authorising them to consyder and exampne the severall causes of the aforesaid decays and how the Native Comodities improvinge the revenue of the Land may be vented, the people upon Manufactories or otherwise imployed, and the Nauie by traffique and Commerce increased or any matter, cause, or thinge conducinge to all or any the premisses before specifyed, with power by informacion or otherwise to summon by warrant under theire hands or any vi of them any person or persons knowne, suspected or pryvie to the transportacon of any Woolle, Wooll-fells, Wollen yarne, Fullers earth woad ashes or any other Materyall incident to the makinge of Cloth or other Manufactories, Inhibited by any Lawe or proclamacon; and upon such theire examynacon and conviction, they shalbe by the said Comissioners, turned over to our Attorney Generall to be proceeded against for such their contempt in our high Courte of Starr Chamber And all other persons, in any cases wherein the said Commissioners shall require shall redylic assist and perform such theire orders and directions.

And for the avoyding of Confederacies and combynacions incydent by contynuance of tyme amongst Merchants in Companyes and Corporacions they shall by like authorite survey all such orders and institutions alredy made or hereafter to be made, and the same not to be put in execution without the allowance and approbacion of the said Comissioners: the greater number or any vi of them, in case the said ordynances and Instrucions tend more to the pryvate then publike good, and with like power to consyder how farr the said societies are fitt to be enlarged in Number of traders, As also of vendible returnes for the Eastland Merchants in recourrye of that and the like lost trades. And

how mony the principall thinge whereof our kingdomes neede may be imported and contynued within the same for the redye ballancinge of Comodities in Commerce betweene man and man And further to bringe the Cloth and other the Woollen Manufactories into theire ancyent Credite and estymacion they shall out of the many Lawes alredye made, recollect see much at present usefull with supply of further observacions and directions incydent to the true makeing, dyeing and dressing as well for the new draperyes as the owld And for that nothinge cann be more hurtfull to any Merchant or tradesman then the wastfull exspence of mony and tyme attendinge litigious suites, in prevention whereof any vi of the said Commissioners nominyated and chosen shall heare and determyne all such differences arising betweene the Wooll grower, Clothyer and Merchant not exceeding the some of 200£ restinge due or in demand either from other unlesse by joynt assent and agreement of all parties from whose sentence noe appeale to be admitted, otherwise they shall only proceed to heare and certefye and for their better informacion and discouverye of the truth in the proceedings herein, they shall examyn upon oath witnesses or parties themselves who uppon notice by warrant as before said shall give them.....

- 1. That not any Woolls etc. be carryed or transported to any the partes beyond the seas out of his Majesties domynions of England, Scotland or Ireland or any the Isles or Ports thereof And in case Irelande have more then they cann indrape they shall bring them to [ ] there to be stapled, And for the redye vent of the Scottish woolles in respect they have not the use of Manufactory they shall bring them either in wooll or yarne to [ ] there to receive in barter for them Cloth with Libertie to carrye them wheresoever they please paying the ordynarye duties due therin.
- That Blackes at funeralls be in Cloth and stuffes of English wooll made within the Kingdome.
- That such Cloth and Stuffes as apprentices servants and labourers doe weare be of English wooll made within the Kingdome.
- That huswives make not Cloth other then for their owne spending but not to sell to the discouragement of the Clothyer and the Draper.
- That all false dyeing stuffes be banished and not used in Cloth or Stuffs.

iii. Minutes of the Committee of Trade. S. P. D., C. I., CCLXXXIII. 13. p. 176 n.

# 5 Feb. 1634. His Majesty present.

- 1. To consider of the booke of Rates.
- 2. Imposition upon horses.
- 3. Imposition upon Corne especially Branks.
- 4. Imposition upon Raw silkes or English manufacturing of it and the law against strangers the manufactors to be Considered of.
  - 5. Improvement upon salt.
  - 6. Retribution of custom and impost to be regulated.
  - 7. Wine 20 per tonn.
  - 8. Groates and threepenies.
  - 9. Refiners of silver to be suppressed.

# The 14 Feb. 1634. His Majesty present.

Mr Serjeant Heath read at the boord a paper of the proposicion of salt, in which among other things it was desired that the salt of Scotland might be limited to the quantity (heere imported) and the price as in former times, of which particular his Majesty comanded a paper by itselfe to be given him, and approved the busines in generall and ordered

- 1. Letters from the boord to such as had panns and must be compounded with.
- 2. Defalcacion of imposition in case of disturbance by Warrs etc.
- 3. The measure Winchester gallons the manner of measuring to be enquired.
  - 4. The price 2° per bushell.
  - 5. A corporacion desired.

[Concern]ing Tobacco. The Lord Treasurer propounded the garbling of Tobacco: ordered the fermors to be spoken with.

The Lord Treasurer acquainted the boord that the fermors complained that the merchants pay them not the custom because the wines are not taken by the vintners. Upon debate it was propounded that the Vintners might have liberty to victuall again paying to his Majesty something upon the consumption of Wyne which was left to the Lord Treasurer to treate his Majestie and the Lordes well approving for the present.

The Lord Privy Seale moved the business to Mr Evelin one of the 6 Clerkes, and thereupon it was debated if the busines of the 6 Clerkes should be compounded. His Majesty resolued that if they wold all compound, the Lord Treasurer shold treate with them all.

#### 21 Feb. 1634. His Majesty present.

Certaine demands of the Company of Vintners presented by the Lord Treasurer for dressing of meate, selling Tobacco, free buying without forestalling, lessening the nomber of licenses as they shall fall voide, etc.

- 1. Victualling with moderation etc. not disliked.
- 2. Tobacco as it may stand with his Majesty's proffit.
- 3. Regrating or reselling of wine aproued.
- 4. No more licenses, but diminished as they fall. The number not to be increased.

for which fauors it is reported to the board they will pay the King £6000 presently and for hereafter be regulated (by way of setting the price) to pay what shalbe thought fitting to his majesty upon every Tonne.

Resolved that the £6000 shalbe taken with some engagement from the Company before the Lord Treasurer the Lord Cottington and Secretary Windebank to pay the next yeers what shalbe thought fitting upon the Consumption of Wyne. His Majestie required some aduise touching the cause now in hearing about the Londoners plantations in Ireland.

#### 2 Mar. 1634.

Agreed the Vintners shall have leave to victuall by connivance (by way of probacion) for one yeere, forbidding venson partridges fesants etc.

The Lord Keeper declared to the Company his Majesties pleasure to this effect and so it was resolved:

His Majestie brought a paper to the boord concerning malting, and commanded Mr Attorney to reade it. The project is the makeing the maltsters a Corporacion and regulating the nomber. Those that are to be licensed, to pay 4<sup>d</sup> or 6<sup>d</sup> upon the quarter to his Majesty.

When it was demanded what way was fitt to be helde to be[gin] the worke: Mr Attorney answered that divers have allredy m[ade] voluntary offers to that ende by petition. Wherupon it was resolved that those who have petitioned shalbe

instantly delt with, that the speediest course may be taken for execution: to which ende the Lord Cottington and Mr Attorney are to confer with the parties that sollicit.

### 14 Mar. 1634. His Majesty present.

The Lord Cottington and Mr Attorney related to the boord the conferences they have had with Maltsters, and how they offered fines and rentes to be incorporated. Whereupon it was resolved to wait the coming of others out of Yorkshire and then to propound the raising so much upon the quarter.

Manufacture of cardes heere in England to be proposed the Committee.

#### 24 Mar. 1634. His Majesty present.

Salt. The proposition of Murford concerning salts was represented and himselfs came in person.

For the advancing of this project of salt, lent and fasting daies to be strictly observed.

An act of state to be made that no licences be granted to butchers from the Lords or others of the Counsell.

Malte. A letter drawn by Mr Attorney and now read from their Lordships to the Justices of peace of severall counties or to any 2 of them in every division to certify the board what maltsters there are and what nomber fitt to be allowed.

The Lord Cottington made reports of these particulars following:

The business of the booke of Rates referred to the next session by reason of the indisposicion of Sr Abraham Dawes.

Order to be given touching institution of imposicion 13. monethes to be given because the East India Company have the like time the order to be drawne by Mr Attorney.

Horses. 40° to be paid for every horse transported and £5 for every mare: this £5 was moued by the King himselfe.

Seacole. The custom abated for Jersey Gernesy Ireland and the poore of London by which the King looses a greate reuenue; the abatement is 12<sup>d</sup> upon the Caldron in an order to be given to the customers not to give way to this defalcacion 10,000 chaldron of this abated for the poore of London: the King will know whether the poore have really the benefit heerof: the L Privy Seale gave some account of the well employment of this to the poore of London. Ordered that a certificate be made hereof by the City.

Lead. 20° to be laid upon a fether of lead exported.

Cardes. Cost the King 7 or £800 per ann. out of his purse: the King paid 2/ upon every grosse of cardes: the King receives £50 per ann. and looses £800 the customers forbidden to abate this custom.

Brankes: french wheate to be deported paying 3/4 the quarter. Magazins of corne in seuerall townes to be considered of.

Irish hides to be marked that they may be transported again as heretofore English hides transported with them here to fore: which abuse hath interrupted this trade and his Majesty looses much by it in his customs.

#### 6 Apr. 1634. His Majesty present.

S' Abraham Dawes delivered his opinion: as much to be sett generally upon all as the impost is allredy which is 5 per cent: whereas his Majestie hath 10 per cent he shall have 15. It will come to betweene 30 and 40 thousand.

His Majesty's subjects in Spaine pay after 30 per cent.

The Lord Keeper proposed that the imposition might be raised rather upon such commodities as come from those nations who lay greatest upon ours, than upon others; but this his Majestie approved not.

Sr Abr. Dawes represented that by laying no imposition upon raw silk in K. James time which was done to bring in the manufacture into England: looseth now 15 thousand per ann at the least by reason of the stuffes made here which were wont to be brought from Forain partes. But now that manufacture is managed by aliens and strangers only, and not his Majestie's subjects. To remedy this, an imposicion to be laid upon every loome and to that ende. To know how many strangers loomes there are in England.

A note to be delivered by Sr Abr. Dawes as well of these things that are not rated as those that are underrated.

A Privy Seale for renewing the book of rates.

In France they have raised 15 per cent.

To have it generall over all nations as it is in Spaine.

The Lord Privy Seale made a doubt whether this will not decay trade: Sr Abraham Dawes assured not.

Besides the merchant will sell his commodity so much the deerer and we are yet under the rate of other nations for the imposicions: especially Spain which is 30 per cent.

Lead. Leade and the ore of it, the transportacion of it to be considered of by Dawes and an answer made by him upon Thursday even sevenight being 16 April Dawes to be admonished to keepe those imposicions secret till his Majestie communicate them to the whole board and an act of State be made of it. This my Lord Marshall proposed.

Salt. Salt to be considered of by the Committee tomorrow.

Malt. Malt. Mr Dickinson assoured the letters are sent away.

Messengers. The Messingers that failed in the service of the shipping. Mr Attorney gave accompt he hath them in the Star Chamber some of them in the meantime to be suspended.

The Retribution imposicion: the 13. moneths to be understood calendary moneths which are but 12.

Young Cæsar having an offer from his Majesty to have a new grant of the place of one of the six clerkes, but he refused it to the Lord Cottington, and will stand upon the validity of his old patent; an act of state to be made of his refusall Another act of state to be read concerning the rightes of the places of the Six Clerks as they are now settled.

The maritim Countres to be brought into the contribution for shipping the next yeers. The next contributions to be made more equall.

Cardes: the King to be sole merchant of them: and to sellthem for 9<sup>4</sup> the paire. The defalcacion of the 800 per annum allredy setled. Dice in like manner to be sealed and the King the sole merchant. Accompt of this at the next meeting.

Irish hides marking: respited.

## 16 Aprill 1635. His Majesty present.

The Lord Cottington reported to his Majesty the business of the powder.

His Majesty was pleased to tell us that S' Ar: Mannering and Pitkairne will serve powder within halfe a yeers for so much time of respit they desire at 8<sup>4</sup> per lb.

Ev: Newport and Sir Jo: Haydon offer to make it with a stock, at 7<sup>4</sup> the pound.

Six one and one is six parts of saltpeeter one of cole and one of brimstone. If upon his Majesty's stock of £4000 the Earl of Newport and Sir Joh. Heydon will serve it for 7<sup>4</sup>, if upon their owne stock they will serve for 8<sup>4</sup>.

Evelin to furnish powder at 8<sup>4</sup> for six months after the contract ended 16 last the month. Mr Attorney ordered to call upon Evelin and see this performed.

Two of these saltpetermen that S' John Heydon hath undertaken for, have milles.

Salt. Mr Comptroller gave accompt of what he had done with Murford.

iv. The Colonial Commission of Charles I. (S. P. Colonial, VIII. 13). See p. 343 n. 1.

A Commission for the making Lawes and Orders for Government of English Colonies planted in Forraigne parts. 28 Apr. 1634.

Charles by the grace of God King of England, Scotland, France and Ireland, Defender of the Faith etc.

To the most reverend Father in Christe our well beloved and most faithfull Counsellor William by divine providence Archbishop of Canterbury of all England Primat and Metropolitan our well beloved and most faithfull Counsellor Thomas Lord Coventrye Lord Keeper of our Greate Seale of England The most reverend father in Christe our wellbeloved and most faithfull Counsellor Richard by Divine providence Archbishop of Yorke of England primate and Metropolitan our well beloved and most faithfull Cozens and Counsellors Richard Earl of Portland our high Treasurer of England, Henry Earle of Manchester Keeper of our privie Seale Thomas Earle of Arundell and Surry Earle Marshall of England Edward Earle of Dorsett Chamberlin to our most dear consort the Queene And to our beloved and faithfull Counsellors Frauncis Lord Cottington Chancellor and under Treasurer of our Exchequer Sir Thomas Edmonds Knight Treasorer of our Howsehold Sir Henry Fane knight Controller of the same howsehold Sir John Coke knight one of our privie Secretaries and Sir Francis Windebank knight one other of our privie Secretaries greeting.

Whereas very manie of our Subiects and of our late fathers of beloved memorie our Soveraigne Lord James, late king of England by meanes of license Royall: Not only with desire of inlarging the Territories of our Empire, But cheifely out of a pious and religious affection and desire of propagating the Gospell of our Lord Jesus Christe with great industry and expenses have caused to be planted large Colonies of the English nation in

divers parts of the world altogether unmanured and voyd of Inhabitants or occupied of the Barbarous people that have no knowledge of divine worship. Wee being willing gratiously to provide a remedy for the tranquility and quietnes of those people And being very confident of your faith wisdome justice and provident circumspection have constituted you the aforesaid Arch bishop of Canterbury [names repeated] and anie five or more of you our Commissioners and to you and anie five or more of you Wee doe give and committ power for the Government and safegard of the said Colonies drawne or without of the English Nation hereafter into those parts shalbe drawne. To make lawes constitutions and ordinances pertaining either to the publike State of those Colonies or to the private proffit of them And concerning the lands goods debts and succession in those partes And how they shall demeane themselves against and towards forraigne Princes and theire people, or how they shall beare themselves towards us and our subjects as well in anie forraigne parte whatsoever or on the Seas in those parts or in theire retorne sailing home Or which may appertaine to the maintenance of the Clergi government or the Cure of Soules amongst the people living and exercising trade in those partes by designing out congruent porcions ariseing in Tithes oblations and other things there according to your sound discretions in politicall and Civile causes. And by haueing the advise of two or three Bishops for the settling makeing and ordering of the business for designing out necessarie Ecclesiasticall and Clergi portions, which you shall cause to be called and taken to you. And to make provision against the violators of those lawes constitutions and ordinances by imposing of penalties and mulcts imprisonment if therebe cause and that the qualitie of the offence do require it by deprivation of member or life to be inflicted. With power also our assent being had to remove and displace the Governors or Rulers of those Colonies for causes which to you shall seeme lawfull and others in theire steed to constitute. And to require an accompt of theire Rule and Government And whome you shall finde culpable either by deprivation from the place or by imposition of a mulct upon the goods of them in those partes to be levied or banishment from those Provinces in which they have bin Governors or otherwise to chastice according to the quantitie of the fault, And to constitute Judges and magistrates politicall and civile for civile causes and under the power and forms which to you five or more of you

shall seeme expedient And to ordaine Judges Magistrates and Dignities to causes Ecclesiasticall and under the Power and forme which to you five or more of you with the bishops vicegerents (provided by the Archbishop of Canterbury for the time being) shall seeme expedient And to ordaine Courts Pretorian and Tribunall as well ecclesiasticall as Civile of Judgments To determine of the formes and manner of proceedings in the same and of appealing from them in matters and causes as well criminall as Civile personall reals and mixt, and to the seats of Justice what maie be equally and wellordered and what crimes faults or excesse of contracts or iniuries ought to belong to the Ecclesiasticall Courts and what to the Civile Court and seate of Justice.

Provided neverthelesse that the lawes ordinances and constitutions of this kinds shall not be put in execution before our assent be had thereunto in writing under our signet signed at least. And this assent being had and the same publikly proclaimed in the Provinces in which they are to be executed wee will and command that those lawes ordinances and constitutions more fully to obtaine strength and be confirmed shalbe inviolably observed of all men whome they shall concerne. Notwithstanding it shalbe lawfull for you five or more of you (as is aforesaid) although those lawes constitutions and ordinances shalbe proclaimed with our Royall assent To change revoake and abrogate them and other new ones in forme aforesaid from tyme to tyme to frame and make as is aforesaid. And to new evills arising or dangers to applie new Remedies as is fitting so often as to you it shall seeme expedient. Furthermore you shall understand that we have constituted you and every five or more of you the aforesaid etc. [names as before]...our Commissioners to heare and determine according to your sound discretions all manner of Complaintes either against those Colonies or their Rulers or governors at the instance of the partie greived or at the accusation brought concerning injuries from hence or from thence to be moved betweene them and theire members, and to call the parties before you and to the parties or theire procurators from hence or from thence being heard The full complement of Justice to be exhibited. Giving unto you and to anie five or more of you Power, That if you shall finde anie of the Colonies aforesaid or anie of theire cheife Rulers upon the Jurisdiction of others by unjust possession or usurpation or one against an other making greivance or in Rebellion against us by withdrawing from our allegiance or our

mandates not obeyinge consultation in that case with us first had. To cause these Colonies or the Rulers of them for the causes aforesaid or for other just causes either to retorne to England or to command them to other places designed even as according to your sound discretions it shall seeme to stand with equitie Justice or necessitie. Moreover wee doe give unto you or anie five or more of you Power and speciall command over all the charters letters Patents and rescripts Royall of the Regions provinces Islands or Lands in forraigne partes graunted raising colonies To cause them to be brought before you and the same being reviewed If aniething surreptitively or unduly have bin obtayned, or that by the same privilege Liberties or Prerogatives hurtfull to us or our Crowne or to forraigne Princes have bin preiudicially suffered or graunted The same being better made knowne unto you five or more of you To command them according to the lawes and customes of our Realme of England to be revoaked And to doe such other things which to the government proffit and safeguard of the aforesaid colonies and of our subjects resident in the same shalbe necessarie And therefore wee doe command you that about the premisees at daies and tymes which for those affaires you shall make provision That you be diligent in attendance as it becometh you.

Giving in precept also and firmly inioyning Wee do give command unto all and singular Cheife Rulers of Provinces unto which the Colonies aforesaid have bin drawns or shalbe drawns and concerning the Colonies themselves and concerning others that have anie interest therein That they doe give attendance upon you and be observant and obedient unto your warrants in those affaires as often as and even as in our name they shalbe thereunto required at theire perill. In testimonie whereof we have caused these our letters to be made patent Witnesse ourselfe at Westminster the 28th day of Aprill, in the tenth years of our Raigna 1634.

by writ from the privy Seale

WILLYS.

# APPENDIX D.

# COLONIAL AND COMMERCIAL ADMINISTRATION UNDER CHARLES II. p. 200.

- i. Instructions for the Councell of Trade. S. P. D., C. II., XXI. 27.
- 1. You shall take into your Consideracion the Inconveniences which the English Trade hath suffered in any partes beyond the Seas And are to inquire into such Articles of former Treaties as have byn made with any Princes or States in relacion to Trade and to drawe out such observacions and Resolucions from thence as may be necessary for us to advise or insist uppon in any forraigne Leagues or Allyances that such Evills as have befallen these our Kingdomes through want of good informacion in those great and publick concernments may be provided against in time to come.
- 2. You are to consider how and by whome any former Articles or Treatics have byn neglected or violated What new Capitulacions are necessary either to the freedome of Sale of your Commodities of all sorts as to price and payment; to the best expedicion of Justice to the recovery of debts or to the security of Estates of all flactors and theire Principalls in case of the flactors death or to the prevencen of those Interrupcions which the Trade and Navigacion of our Kingdomes have suffered by Imbargoes of florreigne Princes or States or impresting the Shipps of any of our subjects for theire service.
- 3. You are to consider well the interest of all such Trades as are or shallbe incorporated by our Royall Charters And what jurisdictions are necessary to be obtained from such as are or shallbe in allyance with us for the more regular management and government of the Trade and of the Members of those our Corporacions in florraigne flactories.
- 4. You are to consider of the severall Manufactures of these our Kingdoms how and by what occasions they are corrupted debased and disparadged And by what probable meanes they may be restored and maintained in theyre Auntient goodness and Reputacion And how they may be farther improved to theyre

utmost advantage by a just Regulacion and Standard of Weight Length and breadth that so the Privat and proffitt of the Tradesmen or Merchants may not destroy the Creditt of the Commoditie and thereby render it neglected and unvended abroad to the Great Loss and Scandall of these our kingdomes.

- 5. You are also to take into your Consideracion all the. Native Commodities of the growth and producion of these our kingdomes and how they may be ordered nourished increased and manufactured to the imployment of our people and to the best advantage of the Publick.
- 6. You are specially to consider of the whole business of the ffishings of these our kingdomes or any other of our distant Dominions or Plantacions, and to consult of some effectuall meanes for the reinforceing encourageing and encreaseing and for the regulateing and carrying on of the Trade in all the partes thereof to the end that the people and Stock and Navigacon of these our kingdomes may be imployed therein; and our Neighbours may not be enriched with that which so properly and advantageously may be undertooke and carried on by our owne Subjects.
- 7. You are seriously to consider and inquire whether the importacion of forraigne Commodities do not overbaleance the exportacion of such as are native And how it may be so ordered remedied and preparationed that we may have more Sellers then buyers in every parte abroad.

And that the Coyne and present Stock of these our kingdomes may be preserved and increased, We judging that such a Scale and Rule of proportion is one of the highest and most prudenciall points of Trade by which the Riches and Strength of our Kingdomes may be maintayned.

- 8. You are to consider and examine by what wayes and meanes other Nacions doe preferr theyre owne growth Manufactures and Importacions and doe discourage and suppress those of these our Kingdomes and how the best Contrivances and Managment of Trade exercised by other Nacions may be rendered applicable and practicable by these our Kingdomes.
- 9. You are well to consider all matters of Navigacion and to the increase and the securitie thereof.
- 10. You are throughly to consider the severall matters relateing to money how Bullion may be best drawne in hither and how any obstrucous uppon our Mint may be best removed.

- 11. You are to consider the Generall State and Condicon of our floreigne Plantacions and of the Navigacion Trade and severall Comodities ariseing thereuppon and how farr theire future improvement and prosperity maybe advanced by any discouragment Imposition or Restraint uppon the importacion of all goods or Comodities ariseing thereuppon and how farr theyre future improvement and prosperity may be advanced by any discouragment Imposicion or Restraint uppon the importacion of all goods or Comodities with which these Plantacions doe abound and may supply these our Kingdomes And you are allso in all matters wherein our forraigne Plantacions are concerned to take advice or Informacion (as occasion shall require) from the Councell appointed and sett apart by us to the more perticular inspeccion Regulacion and Care of our forraigne Plantations.
- 12. You are to consider how the transportacion of such things may be best restreined and prevented as are either forbidden by the Lawe or may be inconvenient or of disadvantage by being transported out of these our Kingdomes and Dominions.

(Endorsed) Instructions for the Councell of Trade annexed to theire Commission.

 Proceedings of the Council of Trade. (S. P. D., C. II., xxxi. 62—64.) By his Majesties Councell of Trade. Thursday 3rd Janry 1660.

The Right Honble the Lord Roberts Reports the delivery of a Paper to his Majesty from this Councell conteyneing theyre opinion and advice in the matter concerning the Exportation of forreine Coyne and Bullyon And that it was his Majesties Pleasure that all future addresses should be made by this Councell should be presented either by a Lord of his Majesties Privy Councell present when the Matters were debated Or otherwise in the absence of such Lord They should be delivered into the hands of one of his Majesties Principall Secretaryes of State by the Secretary attending this Counsell to the end they may come safe to his Majesties handes. Uppon Reading of the third Article of his Majesties Instruccions annexed to the Commission by which this Councell is established which directeth this Councell to consider of all such Trades as are or shallbe incorporated by his Majesties Charters and what Jurisdictions are

necessary to be obteyed from such as are or shallbe in allyance with his Majesty for the more regular Management and Government of the Trade and of the members of such Corporacions and forreigne factoryes Ordered that it be read again Thursday 10 of Jan. and that the Merchant Adventurers of England do in the meane tyme bring in theyre Charter.

Report was this day made by the Committee in the busines concerning the Trade of the Merchants of London into the East Indyes.

Ordered that it be reported to his Majesty by the Lord Roberts.

The Business concerning free Portes moved and ordered to be resumed that day seavenight.

The Petition of divers Workemen who have provided necessaryes for this Councell and want theire money read and committed,

# Tuesday, Jan. 8th 1660.

The right Honb's the Lord Brouncher Reports the delivery of Certayne Papers from this Councell conteyning theyre opinion and humble advice to his Majesty uppon the Petition of the Merchant Adventurers concerning the States of the United Provinces of the Netherlands for theyre Breach of Articles uppon severall Treatyes to Sr Edward Nicholas K\* one of his Majesties Principall Secretaryes of State to be presented to his Majesty.

Uppon informacion given to this Councell of great deceipts used in the weights and standards of gold and silver Ordered that it be referred to the Committee to exampne the severall weights and standards of the Exchequer the Tower of London and of Goldsmiths hall And to call before them such of the officers of the Minte and other persons and to send for such Papers Books and Records as may be usefull to them And to report to this Councell what they find.

A Petition from severall Merchants Clothyers and others of Exon and Devon complayneing against the Company of Merchant Adventurers of England for ingressing that Trade and for imposeing many restrictions and interrupcions uppon the Makers of Wollen Manufactures was now presented and read And thereuppon Ordered That the debate heereof be resumed on this day seavenight and that Mr Doncaster by whome this Petition do then attend this Cooncell.

Ordered that this Cooncell be adjourned to some more Convenient place and that the Secretary of this Cooncell do endeauour to provide the same and report therein to this Cooncell this day seven night.

The debate concerning Free Portes beeing now entred uppon it was after some tyme spent therein Ordered That it be referred to the Committee to consider and report how many free Portes may be fitt to be made in his Majesties Domynions and in what place how the same may be effected and under what Rules of Regulation and Government.

Uppon a Debate concerning Convoys for Merchants att Sea Ordered That it be referred to the Committee to Consider and report how many Convoys will be necessary to be setled and in what places to be constantly attending and to digest such a forme and modell of Government therein as may be fitt for this Cooncell to propose to his Majesty therein.

#### Thursday the 10th Jany 1660.

According to former Order Mr Squibb appeard before this Councell and brought with him and presented the same to this Cooncell divers Papers conteyneing a Report from a former Comittee of the Abuses used and of the wayes and meanes by which to improve the Manifactures of this kingdome, the Consideracion whereof is referred to the Comittee who are desyred to report what may be fitt for this Councell to offer to his Majesty therein.

Ordered that the Charter of the Merchant Adventurers be brought into this Counsell and there Contynue till farther Order.

Day beeing prayed for the bringing of it in and granted but not brought in further day prayed and not brought in.

Upon a mocion that before the Treaty with the King of Denmark be concluded some express provision may be made for his Majesties men of Warr to pass through the Sound into the Baltique Sea. That the Dane be desyred to resigne Trincombe Barr And that a free Trade may be given by that King to the English into Island. Ordered that it be referred to the Committee to consider and report therein to this Counsell which report is now reddy.

Uppen a median made that Banckes may be sett up in England as in Holland and of the great advantage that ensew to his Majesty therby Ordered that it be referred to the Committee to consider and report heerin to this Counsell.

Uppon a debate of Corporacions uppon the third Article of his Majestyes instructions Ordered that letters be written by this Cooncell to the Merchants of all the Outports giveing them notice of the Incorporacion of the Spanish and Portugall Merchants And that it be referred to the Committee to Consider and Report therein to this Cooncell.

#### Thursday 17th Jan 1660.

There was now presented to this Cooncell his Majesties Order of reference uppon the Petition of Mr Squibb with certayne Papers thereunto annexed conteyneing a Report of the Causes of the decay of the Vent of our English Clothes and Certaine Remedyes to prevent the same which beeing read It was thereuppon

Ordered that it be referred to the Committee to consider of the perticulers thereof and to Report what may be fitt for this Cooncell to present to his Majesty therein.

There was allso this day presented to this Cooncell A Petition from divers Clothyers and others of the Citty of New Sarum complayneing of the decay of theyre Trade by the importacion of Dutch Cloth and praying that the ymportacion thereof maybe prohibited soch Petition beeing read it was thereuppon very much debated and Ordered That it be referred to the Comittee who are to consider thereof and to report theyre Opinions to this Cooncell.

For the more speedy dispatch of Business Ordered That there be only one Committee of this Cooncell to make Inspeccion into all matters brought before this Cooncell and to prepare them for the Cooncells Debate.

Ordered that the Coonsayle sitt only uppon Thursdayes in the afternoone till farther Order.

Ordered uppon debate of the business concerning Convoys
That the officers of his Majestyes Navy be desyred to be att this
Cooncell on Tuesday next.

Uppon debate of the business concerning Charters It was this day ordered That the Merchant Adventurers Charter brought into this Cooncell by former Order be referred to the Committee.

Ordered uppon the Petition of diuers Workemen and others who have provided necessaryes for this Cooncell that it be referred

to the Comittee to consider and report how money may be raysed for payment of them.

#### Thursday 24th Jany 1660.

A Petition recommended to this Cooncell by the right Honribe the Lord high Treasurer conteyneing the desyres of divers Merchants Factors and others for the setling of a Composition trade in Dover as formerly was this day read And after very much debate therein Ordered that it be referred to the Committee who are desyred to consider thereof and to report they reopinions what may be fitt for this Cooncell to present to his Lordship as they re opinion therein.

Ordered that untill the Causes now depending before this Cooncell be fully heard and determined That no new Causes or matters be taken into Consideracion except such as relate to forreigne Treatyes or shall Come recomended to this Cooncell by his Majesties speciall order.

Uppon a motion now made That a Peremptory day may be assigned for a full debate of the Merchant Adventurers Charter and the Constitution and Practice of that Fellowship Ordered That it be the next matter to be debated after those now depending shall be heard.

This day 7 night Peremptory is given to Mr Doncaster to make good the matters conteyned in a Petition by him presented to this Cooncell in the name of certeyne Clothyers and others of Exon and Devon complayneing against the Merchant Adventurers Charter for beeing a Monopoly of the Trade of Cloth.

A list of the nomber of Shipps and of the severall Portes and places att which they should be constantly attending for the Convoy of Merchants was read and agreed to in parte and

Ordered that before it be presented to his Majesty or that this Cooncell deliuer any possitive opinion therein That it be referred to the Comittee to reduce the nomber and in respect of his Majesties great Charge and small receipts of his Revenue to lessen the Charge as much as may be and that such a nomber be only proposed as shall be necessary for the present and Convenyent for his Majesty to allow to that purpose.

Uppon reading of a Petition from the Governour Assistants and Fellowship of the Merchants of Eastland Complayneing against the Swede for Monopoliseing of Pitch and Tarr and for

venting the same att excessive rates and under hard Restricions to the English

Ordered That it be referred to the Comittee to report therein together with those other matters that are before them concerning the Swede.

There was now brought in, read and allowed a Report from the Comittee in relacion to the King of Denmarke and desyreing That in this Treaty with that Kinge That it may be insisted uppon That free Passage may be allowed to his Majesties Men of Warr through the Sound That a Port called Trinicombe Barr if that King incline to parte with it may not be Disposed of by that King but to the English East India Company they giveing reasonable satisfacion for the same And That the English may have a free Trade into Island. All which beeing assented unto

Ordered That it be forthwith Reported to his Majesty as the Opinion and advise of this Cooncell And that the Lord Broonker and Mr Anthony Ashley Cooper be desyred to present the same accordingly.

Uppon debate of a Petition formerly presented to this Cooncell by the Clothyers of new Sarum

Ordered that Comittee do consider and Report by what wayes and meanes it comes to pass That the Dutch can afford theyre fine Clothes cheaper than we doe and what may be the remedyes. How the importacion of Dutch Clothes may be prevented and whether the importacion of Forreigne Cloth be prejudiciall to the Manifacture of this Kingdome And the officers of the Customes are desyred to Certify what Customes they have received for Dutch Clothes imported Complaint being againe made to this Cooncell by divers Workemen for want of money It was thereuppon

Ordered That the Lord Brounker, Mr Slingsby and the Secretary of this Cooncell do attend the Lord Treasurer therein and report his Lordships pleasure to this Cooncell.

# Thursday 31 Jany 1660.

The Lord Broonker etc. Report the Commission by which this Cooncell is established to be defective in the directive parts for money to be payd out of the Exchequer and thereoppon

Ordered That his Majesty or One of his Majesties Principall Secretaryes of State be attended therein by the Lord Broonker and Mr Coventry and that a Privy Seale be desyred of his Majesty to supply the defects of the Commission and his Majestyes pleasure therein reported to this Cooncell.

A list of such shipps as are thought necessary by this Cooncell to be allowed for Convoys Reported and allowed But

Ordered That till the business of Free Portes be reddy That the Convoys be not reported to his Majesty.

Ordered That in the business concerning Free Portes and of the Composition Trade att Dover the Commissioners of his Majesties Customes be desyred to bring in theyre Opinion in writeing on Tuesday next As to what Places it may be fitt to make Free Portes. How many and under what Regulacions And likewise what amendments they thinke fitt to be made in the Articles for settling the Composition trade of Dover what the Auntient rates were and what they conceiue may be fitt to be payd now in these tymes wherein there is no Warr to his Majesty Or whether to Contynue it in the same way for the tyme to Come as it hath byn in tymes past.

By Command from his Majesties Cooncell for Trade.

G. DUKE

(Endorsed) Councell of Trade 2nd Jany 1660.

#### APPENDIX E.

COMPLAINTS FROM THE COUNTIES, 1659. p. 179.

The blight which had fallen on the economic life of the country during the Interregnum was alluded to in the addresses which were sent from different counties to General Monk in 1659. It may be added that the complaints here printed occur in letters sent by supporters of the parliamentary party; they demand the 'restauration' of the ejected members of the Long Parliament. There may be good grounds for discounting the statements of the anonymous author of the World's Mistake in Oliver Cromwell, but this evidence is entirely different in character. It is interesting to compare the Declaration of the supporters of the Good Old Cause in Gloucester in 1659 with that of the Royalists in 1660. (Brit. Mus. 190. g. 13 (302 and 303).)

## Devonshire. Brit. Mus. 190. g. 13 (300).

A Declaration of the Gentry of the County of Devon. Met at the Generall Quarter Sessions at Exeter, for a Free Parliament. Together with a letter from Exeter.

To the Right Honourable William Lenthall, Speaker of the Parliament.

We the Gentry of the County of Devon, finding ourselves without a Regular Government, after your last interruption, designed a publick Meeting, to consult Remedies, which we could not so conveniently effect till this Week, at our Generall Quarter Sessions at Exon. Where we find divers of the Inhabitants groaning under high Oppressions and a generall defect of Trade, to the utter ruine of many, and fear of the like to others, which is as visible in the whole County, that occasioned such disorders, that were no small trouble and disturbance to us; which, by God's blessing upon our endeavours, were soon supprest and quieted, without Blood. And though we find since our first purposes, an alteration in the state of Affairs, by your Re-assembling at the Helm of Government, yet conceive, that we are but in part Redrest of our Grievances; and that the chief Expedient for it will be the recalling of all those Members that were secluded in 1648, and sat before the first Force upon the Parliament. also by filling up the vacant places. And all to be admitted, without any Oath and Engagement, previous to their Entrance. For which things, if you please to take a speedy course, we shall defend you against all Opposers, and future Interrupters, with our Lives and Fortunes. For the Accomplishment whereof we shall use all Lawfull Means, which we humbly conceive may best conduce to the Peace and Safety of this Nation.

Exon. 14 of Jany, 1659.

Sir

The Inclosed is a Copy of what this Grand Meeting, to which the most Considerable of the Gentry have Subscribed. Mr Bampfield, Recorder of Exon, is gone this night Post to deliver it to the Speaker. That the Cornish men have done more is no Newes.

This City in very great numbers, Loudly exprest their desires for a Free Parliament. The Apprentices and Young men of the City got the Keys of the Gates, and keep them lockt, without taking notice of the magistrates, and lesse of the Souldiers.

Kent. Brit. Mus. 190. g. 13 (306).

The Declaration of the Nobility, Gentry, Ministry and Commonalty of the County of Kent. Together with the City and County of Canterbury, the City of Rochester, and the Ports within the said County.

Having with sadness weighed the multiplied calamities wherein we are at present involved, how friendless we are Abroad, and how divided at home; the loud and heart-piercing cries of the poore, and the disability of the better sort to relieve them; the total decay and subversion of Trade, together with the forfeiture and loss of honor and reputation of the Nation, and (what is more dear to us than all these) the apparent hazard of the Gospel through the prodigious growth of Blasphemies, Heresies and Schism, all of which own their birth to the instability of our Governors, and the unsettlement of our Government. Lastly, how in all these, an universal ruine threatneth us, and wil (if not timely prevented) doubtless overwhelm us. We thought it our bounden duties, both as Christians, out of tenderness to our Religion, as Englishmen, to our Country, and as Friends, to our selves and our Relations, to represent and publish to the world our just griefs for, and our lively resentments of this our deplorable condition, and to seek all lawful and probable means to remedy and redress the same.

Wherefore having the leading Examples of the renowned Cities of London and Exeter, together with the Counties of the West, before our eyes; and the clamours and out-cries of the People alwaies in our ears, (whereof the one encourageth, and the other enforceth us to this our Declaration) we thought that we would not be silent at such a time, when our silence would speak us to be either Assentors to our own ruine, or Abettors of such proceedings as have neither Law nor Equity to support them.

We therefore, the Nobility Gentry Ministry and Commonalty of the County of Kent, together with the City and County of Canterbury, the City of Rochester and the Ports within the said County, do by these Presents unanimously Declare, that our desires are for a Full and Free Parliament, as the only probable means, under God, to lead us out of this Maze and Labyrinth of confusions in which we are at present engag'd; that is, that the

old secluded Members, so many of them as are surviving, may be readmitted into the House, and that there may be a free Election of others to supply the places of those which are dead, without any Oath or Engagement previous to their Entrance, these we shall own as the true Representatives of the People; these we shall with our Lives and Fortunes, to the uttermost of our power, assist and with all cheerfulness submit to, and acquiess in whatsoever they shall Enact or Ordain.

Thus concluding, that all publick spirited men, and good Patriots, wil with all readiness join and concur with us in a matter of so universal concernment, and that we shall find Opposition from none but such as prefer their own private Interests and temporal respects, to their Religion and laws of the land; we shall as boldly subscribe our Names as we do heartily declare our Desires.

(Undated.)

Compare also the following letter. Brit. Mus. 190. g. 13 (355).

To the Supreme Authority The Parliament of the Commonwealth of England Assembled at Westminster.

The hearty Congratulations and humble Petition of thousands of well-affected Gentlemen Freeholders and Inhabitants of the County of Kent and City of Canterbury.

...Wherefore we take boldnesse humbly to offer at present to your grave and serious Considerations, These few particulars following......

That you would be mindfull for the quickning of Trade so much decayed, principally that of Clothing which greatly concerns this County; the fail wherof hath greatly impoverished and ruinated many families.

4 June, 1659.

#### Lincoln. Brit. Mus. 190. g. 13 (310).

The Declaration of the Gentry, Ministers, Free-holders of the County and Citty of Lincolne.

Wee the Gentry, Ministers and Freeholders of the County and Citty of Lincolne, being truly sensible of our Misseries and Greivances, namely the sad consequents of intestine Warre, the fear of *Invasion* from abroad, at the time of our Distractions and Divisions both in Church and State, the violent alteration of GOVERNMENT, the heavy imposition of unheard of TAXES; All

of which of late Yeares hath ruined our TRADE, and impoverished the whole Nation, and are all occasioned by reason of the many Violences and Breaches made upon our known established Laues and Fundamentall Liberties, Dos therefore humbly propose and declare (having first met and consulted, as other Countryes have done) that the onely remedy for our said Grievances, will be for A Free Full PARLIAMENT, speedily to be called and assembled to sit according to our said knowne established Laues, wherein the Free votes of all Free People of this Nation might be included.

1659.

#### Norfolk. Brit. Mus. 190. g. 13 (311).

The Declaration of the Gentry of the County of Norfolk and of the County and City of Norwich.

We the Gentry of the County of Norfolk, and County and City of Norwich, being deeply affected with the sence of our sad Distractions, and Divisions, both in Church and State, and wearied with the miseries of an Unnatural Civil War, the too Frequent Interruptions of Government, the Imposition of several heavy Taxes, and the loud Out-cries of multitudes of undone, and almost Famished People, occasioned by the General decay of Trade, which hath spread itself throughout the whole Nation, and these Counties in particular; and having met together, and consulted what may best remedy and remove our and the Nations present Grievances and Distractions, Do humbly conceive, that the chief Expedient will be, the recalling of those Members that were secluded in 1648 etc.

This declaration subscribed by three hundred Gentlemen, was delivered to the Hon. Will. Lenthal Speaker of the Parliament; on Saturday the eight and twentieth of January 1659 By the Lord Richardson, Sr John Hobart and Sr Horatio Tounsend, Baronets.

Warwick. Brit. Mus. 190. g. 13 (316).

Wee the Knights, Gentlemen, Ministers, and Free-Holders of the County of Warwick.

Being deeply affected with, and sadly sensible of the present Miseries, which both our Selves and the whole Nation groan under, We can no longer forbear to express our Griefs, and declare our Desires and Thoughts of the most probable means (by Gods assistance) to give some remedy to our present sufferings, and prevent those yet greater Calamities which threaten our speedy and utter Ruine. The cause of our present Calamities (we conceive) proceeds from the many Revolutions, through Male-Administration of Government, and want of the right Constitution of Parliaments: And that after all our great and intolerable Sufferings, the vast expence of Blood and Treasure, for our Rights and Liberties, and Priviledges of Parliament (which we take to be the good old Cause) we, with most of the Counties of this Nation, have not our Representatives in a Free Parliament etc.

"Subscribed by many Thousand hands."

# Yorkshire. Brit. Mus. 190. g. 13 (317).

The Declaration of Thomas Lord Fairfax And the rest of the Lords, Knights Esquires Citizens Ministers and Freeholders of the County and City of York.

Whereas this Famous County, Honoured formerly for its puissance and strength by which they have always been taken for the Bulwork of this Nation, are now reputed so inconsiderable that they have not at this time a Representative in Parliament: and being deeply sensible of the Confusions and Distractions of the Nation, the particular Decay and Ruine of the Cloathing Trade of this County, which necessarily bears an influence upon the Publick: as also the Future Evils that will attend this Vacancy of Government during the imperfection and incompleatness of Our Parliaments, whose entireness, and Full Number hath been in all times (as to a Right English Constitution) the only conservation of our Liberties etc.

Leeds. Feb. 13, 1659.

An Extract of a Letter from York dated the 31 of Dec. 1659 concerning the Lord Fairfax's Raising that County in Arms against illegal Taxes and Free quarter and for the Freedom of Parliament as it was in the Year 1648.

# Brit. Mus. 190. g. 13 (248).

... "And the Trade of Cloathing being dead, by reason of the Warres with Spain, makes those Parts rise in abundance, to do anything for the having of a Free Parliament which (they think) will procure the opening of Trade again."

#### London. Brit. Mus. 190. g. 13 (123).

A Letter agreed unto and subscribed by the Gentlemen, Minister, Freeholders and Seamen of the County of Suffolk presented to the Right Honorable, the Lord Mayor, Aldermen and Common Councell of the Citty of London Assembled Jan. 30. 1659.

#### Right Honorable

Please you to accept this Paper as a testimony, that we are highly and gratefully sensible of those Breathings and Essaies towards Peace, which your Renowned City has lately declared to the World. And we earnestly wish, that our serious and unanimous Concurrence, may ripen them to a perfect Accomplishment. We are willing to consider it as an Omen of Mercy, when we observe the Nation in generall, lifting up its Vowes to Heaven for a Free and Full PARLIAMENT. 'Tis that alone in its Genuine Sense, which our Laws prescribe and present to us, as the Great Patron and Guardian of our Persons, Liberties and Proprieties, and whatsoever else is justly pretious to us. God shall, by your hand lead us to such an obtainment, afterages shall blesse your Memory. 'Tis superfluous to spread before you, your Merchandise decay'd, your Trade declin'd, your Estates wither'd. Are there not many within your Walls, or near them, that in your ears deplore such miseries as these? Your Lordship may believe, that our Prayers and Persons shall gladly promote all lawfull means for our Recovery. And we entreat, that this cheerfull suffrage of ours may be annex'd, as a Labell to your Honorable Intendments.

1659.

The Engagement and Remembrance of the City of London Subscribed by 23500 hands.

# Brit. Mus. 190. g. 13 (249).

...Not to insist upon the losse of Trade; how many Thousand Families have nothing now to do, but Begg and Curse these Wretches.

Dated in MS. Dec. 1659.

#### APPENDIX F.

#### STATISTICS OF PROGRESS.

It is with some hesitation that I append a few statements of statistics; information in a numerical form has an appearance of accuracy and completeness which may be mialeading. While there is an abundance of reliable information for last century on many points connected with population and trade, the data for earlier times are often uncertain, and estimates must be made to do duty for actual enumeration. When an attempt is made at comparison there is no sufficient basis to work upon. It may be convenient, however, to reproduce figures given by some well-known investigators, as the best available.

Political Arithmetic, the mere counting up of similar objects or amounts at two different periods, may be very instructive up to a certain point. It serves to show the direction of change at a glance—whether e.g. shipping was increasing or declining—and to measure the amount of change in a given time. It may be advantageously employed to bring out the growth of some particular industries, the progress of commerce, shipping, and of population. The graphic method offers a convenient means of bringing before the eyes some of the changes in the prosperity of the country, as indicated by a comparison of revenue with indebtedness and of population with pauperism. Miss E. A. McArthur of Girton College, who constructed these diagrams, has kindly allowed me to insert them.

I. THE PROGRESS OF PARTICULAR INDUSTRIES is illustrated by the following figures. The first Table shows the rapid progress which took place in the woollen manufactures of the West Riding during the second quarter of the eighteenth century. The second shows the progress of the woollen manufacture in Great Britain, so far as that is indicated by the accounts of the raw material imported, of the quantities of wool grown there is no trustworthy information; and the third gives the quantities of cotton wool imported. The fourth gives the quantities of pig-iron made in Great Britain, since coal-smelting began.

i. Progress of Woollen Manufacture. Massie, writing in 1764, says that the exports of woollen manufacture, which under Charles II. and James II. "did not much exceed the yearly value of one million pounds, amounted in 1699 to almost three millions sterling, from which vast sum, with occasional ebbings and flowings our annual exports of Woollen Manufactures have gradually risen to full four millions of late years." Observations on New Cyder Tax, p. 1. Detailed statements of the values of woollen manufactures exported for every year from 1697—1781 will be found in Considerations upon the present state of the Wool Trade (1781), p. 83 [Brit. Mus. 1103. a. 3 (10)]. These are continued to 1840 in Bischoff, II. Ap. vi. The highest point reached was £7,900,000 in 1833. These tables also give the price of wool for each year, but do not discriminate the qualities for which these varying prices were charged.

No. of Pieces¹ of Broad Woollen Cloth manufactured in W. Riding, 1726—1750, extracted from Registers books kept in said County²:

1726	26,671	1739	43,0861
1727	28,990	1740	41,441
1728	25,2231	1741	46,364
1729	29,6431	1742	44,954
1780	21,579 j	1743	45,1781
1731	33,563	1744	54,627
1732	85,548 <del>1</del>	1745	50,453
1733	34.620	1746	56,637
1734	31,123	1747	62,480
1735	31,7444	1748	60,7051
1736	88,899	1749	60,447
1737	42,256	1750	60,964
1738	49 404	1	•

ii. Foreign and Colonial Wool imported into England (the United Kingdom from 1766—1857):

1766 1771 1780 1790	1bs, 1,926,000 1,829,000 323,000 2,582,000	1800 1810 1820 1830	lbs. 8,609,000 10,914,000 9,775,000 82,305,000	1840 1850 1855 1857	lbs. 49,436,000 74,326,000 99,300,000 127,390,000
1790 1799	2,582,000 <b>2,</b> 263,000	1830	82,305,000	1857	127,390,000

An account of the woollen trade of Yorkshire, by E. Baines, in T. Baines, Yorkshire, Past and Present, 1. 637. Cf. also Bischoff, 11. App. 11.

C. \*

<sup>&</sup>lt;sup>1</sup> Until 1733 or 1734 there were between 30 and 40 yds. in each piece—since then the length has been gradually increased, and each piece is now (1764) near 70 yards.

<sup>&</sup>lt;sup>2</sup> Massie, Observations on the New Cyder Tax (1764), p. 3.

## iii. Cotton Wool imported. Returns from Records by Custom House.

	lba.
1697	1,976,859
1701	1,985,868
1710	715,008
1720	1,972,805
1730	1,545,479
1741	1,645,081
1751	2,976,610
1764	8,870,892

Baines, Hist. of the Cotton Manufacture, 109.

#### Cotton Wool imported for spinning' into England and Scotland, 1781—1832.

	lbs.	ı	lbs.	1	lbs.
1781	8,198,778	1799	48,879,278	1816	98,920,055
1782	11,828,039	1800	56,010,732	1817	124,912,968
1783	9,735,663	1801	56.004.805	1818	177,282,158
1784	11,482,083	1802	60,845,600	1819	149,789,820
1785	18,400,384	1803	53,812,284	1820	144,818,100
1786	19,475,020	1804	61,867,829	1821	128,977,400
1787	23,250,268	1805	59,682,406	1822	135,420,100
1788	20,467,436	1806	58,176,283	1828	191,402,508
1789	32,576,028	1807	74,925,306	1824	149,880,122
1790	31,447,605	1808	48,605,982	1825	228,005,291
1791	28,706,675	1809	92,812,282	1826	170,500,000
1792	84,907,497	1810	132,488,935	1827	264,830,000
1798	19.040,929	1811	91,576,535	1828	222,750,000
1794	24,358,567	1812	63,025,936	1829	218,324,000
1795	26,401,340	1813	50,966,000	1830	259.856,000
1796	32,126,357	1814	60,060,239	1881	280,080,000
1797	23.354.371	1815	99,306,848	1832	277.260,490
1798	81 880 641	1	,,		,,

Baines, Hist, of the Cotton Manufacture, in Hist, of the County Palatine and Duchy of Lancaster, vol. 11, 496.

# iv. Quantity of Pig-Iron made in England, Wales, and Scotland, 1740-1852.

	Tons	1	Tons	1 Tone	
1740	17,350	1806	<b>258,206</b>	1839 1,248,78	L
1788	68,300	1825	581,367	1847 1,999,600	3
1796	125,079	1830	678,417	1852 2,701,00	J
			Scrivenor, 136	(ed. 1854), 256, 802.	

II. THE INCREASE OF THE COMMERCE of the country is shown by the tables of exports and imports; these are taken for the longest period where comparison is possible, as the change from

<sup>1</sup> In spinning this, allowance for loss  $1\frac{3}{4}$  ez. per lb. should be made, to estimate total amount of yarn spun. Baines, n. 502.

official to real values, though giving greater accuracy, renders it less easy to indicate the rate of change. To this is added Chalmers' table of the increase of shipping. (Estimate, 234.)

# i. Official Value of Exports and Imports.

```
Exports.
            16131
                                    Misselden, Circle of Commerce, 121.
                      2,487,435
            1622
                      2,320,436
                                    Macpherson, Annals of Commerce, II. 707.
            1662
                      2,022,812
                                    Davenant, Works, H. 270.
             1688
                      4,310,000
             1699
                                    Macpherson, Annals, II. 707.
                      6,788,166
            1720
                      6,910,899
                                                         m. 116.
                                                    ,,
England
            1730
                                                         m. 160.
                      8,548,982
                                         ,,
                                                    ,,
                                                         m. 227.
                      8,197,788
             1740
                                                    ,,
                                         ••
             1750
                     12,699,081
                                                         пп. 283.
                                         ..
                                                    ,,
                     14,694,970
                                                         m. 339.
             1760
             1783
                     13,896,415
                                    Finance Reports, 1797, 11. 22, 36.
            1796
                     29,196,198
             1798
                     27,817,087
Gt Britain
                     34,381,617
            1800
             1805
                     81,064,492
43,568,757
                                    Accounts and Papers, 1830, EXVII. 208-11.
             1810
             1815
                     58,624,550
             1820
                     48,951,537
                                    Accounts and Papers, 1833, ILI. 48.
United
             1825
                     56,320,182
             1830
                     69,691,303
  Kingdom
             1835
                     91,174,456
                                    Accounts and Papers, 1851, XXXI. 170.
             1840
                    116,479,678
                   150,879,986,
197,330,265
             1845
            1850
                                    Accounts and Papers, 1852-53, LVII. 198.
Imports.
                      2,141,151
             1618
                                    Misselden, Circle of Commerce, 122.
             1622
                      2,619,315
             1688
                      7,120,000
                                    Davenant, Works, 11, 270.
             1720
                      6,090,083
                                    Macpherson, Annals, III. 116.
             1730
                      7,780,019
                                                          nr. 160.
England
                                                          nı. 227.
             1740
                      6,703,778
                                         **
                                                    ,,
             1750
                      7,772,039
                                                          m. 283.
                                         ,,
                                                    ,,
             1760
                      9,832,802
                                                          ш. 339.
             1783
                     11,651,281
                                    Finance Reports, 1797, 11, 22, 36.
             1796
                     21,024,866
Gt Britain | 11790
                     25,122,203
                     28,257,781
             1805
                     28,561,270
                                    Accounts and Papers, 1830, xxvii. 209.
             1810
                     39,301,612
             1815
                     32,987,396
             1820
                     82,438,650
                                    Accounts and Papers, 1833, xxx. 48.
United
             1825
                     44,208,807
             1830
  Kingdom
                     46,245,241
             1835
                     48,911,543
                                    Accounts and Papers, 1851, xxxi. 170.
             1840
                     67,432,964
             1845
                     85,281,958
             1850
                    100,460,433
                                    Accounts and Papers, 1852-53, LVII. 198.
```

<sup>&</sup>lt;sup>1</sup> In 1570 the official value of Exports and Imports according to a State Paper in the Cotton Collection is given as £26,665 and £45,556 (Hall, Customs, vol. n. App.). It may be doubted however whether this was not a partial return for the purpose of a contemporary agitation against foreign competition, i.e. to show that the "balance of trade" was against England.

ii. Increase of Shipping.

	THE SHIPS CLEARED OUTWARDS.					
THE EPOCHS.	Tons ENGLISH.	Do. PORRIGH.	POTAL			
The Restoration \[ \frac{1663}{1669} \]	95,266	47,684	142,900			
The Revolution 1688	190,538	95,267	285,800			
The Peace of Ryswick 1697	144,264	100,524	944,788			
The last years of William III	278,693	48,635	817,828			
The Wars of Anne {1709   1712	248,698 826,620	45,625 29,115	289,818 855,785			
The first of George I { 1713 1714 1715 }	421,481	26,578	448,004			
The first of George II. { 1726 \ 1727 \ 1728 }	432,832	28,651	456,488			
The peaceful years {1736   1737   1738	476,941	26,627	508,568			
The War of	884,191	87,260	471,451			
The peaceful years {1749   1750   1751	609,798	51,886	661,184			
The War of	451,254	73,458	524,710			
The first of George III \( \frac{1760}{1761} \)	471,241 508,220 480,444	102,737 117,835 120,126	578,978 626,055 600,570			
1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773	561,724 563,934 651,402 684,281 645,835 668,786 709,855 703,495 773,390 818,108 771,483 798,240	87,293 74,800 67,855 61,753 63,206 72,734 63,020 57,476 63,532 72,603 54,820 65,273	649,017 658,784 719,257 746,084 709,041 741,520 772,875 760,971 836,922 890,711 826,308 863,518			

Increase of Shipping (continued).

		HIPS CL UTWARD		
THE EPOCHS.	Tons ENGLISH.	Do. FORRIGM.	TOTAL.	
1775 1776 1777 1778 1779 1780 1781 1782 1783	783,226 778,878 736,234 657,238 590,911 619,462 547,953 552,851 795,669	64,860 72,188 83,468 98,113 139,124 134,515 163,410 208,511 157,969	848,086 851,066 819,702 755,351 740,035 753,977 711,363 761,362 953,638	
1784 1785 1786 1787 1788 1788 1789 1790 1791 1791	846,355 951,855 982,132 1,104,711 1,243,206 1,343,800 1,260,828 1,333,106 1,396,003	113,064 103,398 116,771 132,243 121,932 99,858 144,132 178,051 169,151	959,419 1,055,253 1,098,903 1,236,954 1,365,138 1,443,658 1,404,960 1,511,157 1,565,154	
1793 1794 1795 1796 1797 1798 1799 1800 1801	1,101,326 1,247,398 1,030,058 1,108,258 971,596 1,163,534 1,145,314 1,269,329 1,190,557	180,121 209,679 370,238 454,847 379,775 345,132 390,612 654,713 767,816	1,281,447 1,457,077 1,400,296 1,563,105 1,351,371 1,508,666 1,535,926 1,924,042 1,958,373	
PRAGE: 1802	1,459,689	435,427	1,895,116	
1803 1804 1805 4 1806 1807 1808 1809	1,245,560 1,248,796 1,284,691 1,258,903 1,190,232 1,153,488 1,318,508	543,208 553,267 572,961 538,700 600,840 272,104 674,680	1,788,768 1,802,063 1,857,652 1,897,603 1,791,072 1,425,592 1,993,188	

III. The PROGRESS OF THE REVENUE and the increased CHARGE ON THE NATIONAL DEBT are shown in the first diagram: the figures on which it is based are as follows:

# Revenue. England, 1660—1789. Great Britain and Ireland, 1792—1850.

```
1660
       £1,200,000
                       Dowell, History of Taxation, IL 17.
         1,200,000
1690
1712
         8,043,000
         8,997,000
5,150,000
1740
1756
         6,711,000
7,137,000
1762
                       Statistical Journal, EVIII. 250.
1774
        12,995,000
1784
1789
        15,460,000
1792
        18,900,630
1795
        19,657,993
        33,069,775
1800
1805
        50,348,263
                       Reports, 1828, v. 610-645.
1810
        66,704,985
        71,900,005
1815
        53,880,873
1820
1825
        52,065,389
        49,889,995
1830
1835
        45,893,370
                       Accounts and Papers, 1841, xiii. 188.
1840
        47,351,563
        51,719,118
52,177,141
1845
                       Accounts and Papers, 1851, xxxx. 166.
1850
```

#### ii. Annual Charge on the National Debt.

```
1688
            £39,855
1702
          1,310,942
          3,351,358
1714
          2,217,551
1,964,025
 1727
1739
          3,061,004
1748
                        Sinclair, History of the Public Revenue, Part IL.
          2,396,717
1755
1762
          4,840,821
          4,476,821
 1776
1784
          9,669,435
1790
          9,479,572
         30,458,204
30,147,801
1815
                        Reports, 1828, v. 657.
 1820
1825
         29,197,187
         29,118,859
1830
1835
         28,514,610
                        Accounts, 1851, EXXL 166,
1840
         29,381,718
 1845
         28,253,872
28,091,590
1850
```

IV. The INCREASE OF POPULATION is also shown by a diagram, and is compared with the annual charge for poor-relief, so far as it was reported to Parliament. The figures are as follows:

#### i. Population of England and Wales.

```
1688
               5,500,520
                             G. King in Davenant, Works, II. 184.
     1700
               5,475,000
     1710
               5,240,000
     1720
1730
               5,565,000
               5,796,000
     1740
               6,064,000
                             Statistical Journal, MIIII. 462.
     1750
               6,467,000
     1760
               6,736,000
     1770
               7,428,000
     1780
               7,953,000
     1790
               8,675,000
     1801
               8,892,536
     1811
              10,164,256
              12,000,236
     1821
                             Accounts and Papers, 1852-3, LXXXV. XXXIII.
     1831
              18,896,797
     1841
              15,914,148
     1851
             17,927,609
                              ü.
                                    Poor-rate.
Average, 1748-49-50 £689,971
          1776
                       1,521,732
Average, 1783-84-85 1,912,241
          1803
                       4,077,891
 March, 1812-13
                       6,656,105
          1813-14
                       6,294,584
                                     Reports, 1821, IV. 277.
                       5,418,845
5,724,506
          1814-15
1815-16
                       6,918,217
          1816-17
          1817-18
                       7,890,148
          1818-19
                       7,531,650
          1819-20
1820-21
                       7,829,594
                       6,958,445
                       6,358,703
          1821-22
                       5,773,096
          1822-23
          1823-24
                       5,734,216
                       5,786,991
          1824-25
          1825-26
                       5,928,502
          1826-27
                       6,441,088
          1827-28
                       6,298,000
          1828-29
                       6,832,410
          1829-30
                       6,829,042
          1830-31
                       6,798,889
          1881-32
                       7,036,968
                                      Accounts, 1845, x11. 893.
                       6,790,800
          1832-38
          1833-34
                       6,317,255
                       5,526,418
4,717,630
4,044,741
          1834-85
          1835-36
1836-37
          1837-38
                        4,123,604
          1838-39
                        4,406,907
          1839-40
                       4,576,965
          1840-41
1841-42
                        4,760,929
                        4,911,498
          1842-43
1843-44
1844-45
                       5,208,027
                       4,982,096
5,039,703
                                      Accounts, 1847, xLIX. 51.
          1845-46
1846-47
                       4,954,204
                                      Accounts, 1847-8, LIII. 181, 183.
                       5,298,787
```

1847-48

6.180.765

Accounts, 1849, XLVII. 615.

iii.	The mate and districted to the second
A11.	The rate and distribution of the increase of population
	during the eighteenth century is excellently shown in the
	following table quoted from Chalmers. (Estimate, 216.)
A COMPA	RATIVE VIEW of the Number of Houses, in each County of England
and	Wales, as they appeared in the Hearth-books of Lady-day 1690;
as t	ney were made up at the Tax-office, in 1708—1750—1781; and, as
they	appear from the enumeration of 1801.
	· · · · · · · · · · · · · · · · · · ·

following Comparative View and Wales, as	g table que of the N	noted from the second	om Chal Houses.	mers. ( <i>h</i> in each C	Estimate,	216.) England
as they were m	ade ur at	the Tax-	office.in	1708—17	501781;	y 1690; and, as
Coonting.	No. of Houses,	No. of Houses charged,	No. of Houses, charged and	No. of Houses, charged and	No. of I enume 180	rated.
	1690.	1708.	charge- able, 1760.	able, 1781.	Inhabited.	Unin- habited.
Bedfordshire	12,170	5,479	6,802	5,860	11.888	185
Berks	16,996	7,558	9,762	8,227	20.573	622
Bucks	18,688	8,604	10.087	8.670	20.443	543
Cambridgo	18,629	7,220	9,384	9,088	16,139	812
Chester	25,592	11.656	16,006	17,201	34,482	1.189
Cornwall	26,613	9.052	14,520	15,274	32,906	1,472
Cumberland	15,279	2,509	11.914	13,419	21,573	872
Derby	24.944	8,260	18,912	14.046	81,822	1,869
Devon	56,202	16,686	80,049	28,612	57,955	8.285
Dorset	17 950	4 120	11 711	11 190	01,000	0,200

21,487 27,195 168,489 38,371 46,457 17,003 17,681 6,986 Porset
\*Durham
York
Essex
Gloucester 17,859 58,845 121,052 40,545 11,182 12,418 76,224 18,589 1,171 6,418 1,027 1,715 941 491 186 84,476 16,744 17,488 14,950 Hereford ..... Hertford ..... Huntingdon ..... 8,092 8,628 3,847

17,488 8,713 46,674 46,961 20,448 45,019 111,215 56,579 (included included Kent Lancashire..... 1,413 8,894 742 1,094 30,975 51,556 114,270 30,975 30,956 12,545 24,591 74,704 20,056 10,350 Lancashire
Leicester
Lincoln
London, &c.
Norfolk
Northampton.
"Northumberland." 25,992 41,395 112,912 47,617 26,665 171 1,528 786 neludedir Durham 17,818 6,787 10,548 12,431 28,518 1.584 11,001 10,362 1,873 18,832 27,822 18,045 10,872 8,698 1,445 Nottingham ..... 25,611 20,599 8,274 542 Oxford Rutland 19.627 594 8,661 27.471 87 8,274 31,182 48,040 38,284 45,521 32,258 46,072 25,060 41,069 7,897 929 2,136 906 2,003 27,471 45,900 28,557 26,278 47,537 40,610 23,451 22,400 552 ,514 718 2,946 6,691 7.897 815 27,418 24,440 26,059 26,711

4,138 44,779 16,250 18,285 6,918 7,447 8,992 21,871 22,588 8,584 17,571 47,031 12,097 9,218 11,711 10,475 70,816 19,057 16,261 8,771 9,251 4,863 30,029 88,278 12,957 24,999 71,977 20,697 12,464

7,755 8,502 1,498 11,452 19,048 14,831 10,812 15,301 14,071 9,429 9,481 1,904 11,378 9,178 1,040 Rutland
Salop
Salop
Somerset.
Southampton, &c.
Stafford
Suffolk
Surrey, &c.
Sussex
Warwick
Westmoreland
Witts
Worcester
Anglesca
Brecon 12,895 26,407 15,828 16,488 19,589 19,881 18,264 18,791 2,264 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,126 5,12 18,045 16,917 18,834 20,087 11,170 12,759 4,937 14,303 9,967 1,934 3,254 2,542 5,020 170 109 127 South 6,679 6,815 8,819 18,449 6,848 3,370 2,042 479 5,020 2,866 and Denbigh ....

221 871 129 427 194 587 198 3,985 1,583 4,753 2,653 5,020 1,900 8,289 4,047 2,764 2,092 i North 6,091 3.520 12,621 7,585 14,225 5,787 Glamorgan..... 6,290 2,864 4,980 4,890 2,808 Merioneth Monmouth Montgomery 1 Wales 8,948 8,725 222 Pembroke ..... 8,224 2,076 11,869 3,675 398 212 Radnor ..... 7,921 2,425 1,319,215 508,516 729.048 721.851 57,529 1,574,902

# APPENDIX G.

# SOME DIFFICULTIES IN THE INTERPRETATION OF HISTORICAL STATISTICS.

It is rarely possible to obtain reliable and precise information in regard to affairs in the past, so that it is all the more tempting to try to make the most of the figures which do survive, and draw as much as possible from them. The interpretation of quotations of prices and other information of a similar kind is beset by many difficulties. It must be remembered that statistics only serve to set economic problems before us in a very precise form; the greatest care and skill is needed to solve the questions they present for our consideration. Figures, however correct they may be, show the amount of some changes, but they do not in themselves give us any light as to the reason of the changes, or as to ulterior results brought about in social life, or economic These must be the matter of carefully reasoned enquiry. An illustration from the subject of pauperism may bring out the extremely limited character of the information we get from figures. It is perfectly clear that the sums expended on the relief of the poor diminished during the earlier part of the eighteenth century; but the figures in themselves and by themselves do not tell us whether this was due to greater strictness of administration, or to improved trade and better employment. The figures give us the combined effect of both causes, and do not help us to discriminate the action of one from that of the other. There are always many influences at work in any social movement, and we have no sufficient means of discriminating the precise effect exerted by any one factor singly.

A number of complex considerations are involved even in the apparently simple attempt to compare the prices charged for a particular commodity at different times and under different circumstances. Any single quotation of price is a summary statement of the value of a commodity in terms of some form of

money. But neither the measure of value nor the thing measured can be regarded as constant. There have been changes in the range of general prices which have originated in alterations in the circulating medium; and on the other hand there are very few commodities—besides precious stones—in regard to which we can be certain that the quality has remained unaltered. quality of a pound of mediaeval beef probably differed considerably from the prime cuts of the present day'; and at all events, the ox or the sheep was undoubtedly inferior to modern breeds in size and weight. These are the difficulties which must be faced, before satisfactory data can be obtained from mere quotations of price, for discussing such an apparently simple matter as the differences in the value of the same object in the same country at two different periods. Indeed an enquiry that seems to be very roundabout may prove much more instructive. The study of the relative prices of two or more commodities at different times, enables us to evade some of the confusions which arise from changes in the value of the Circulating Medium. Professor Nicholson has shown from his admirable chapter on this subject\* how much light may be thrown on social and economic changes by the careful pursuit of this line of investigation.

The difficulty is greatly enhanced if we set ourselves to compare such ill-defined quanta as the "material comfort" of the labourer in different centuries. To solve the question at all we must know (a) not only what he could get by paying for it, as compared with what the modern labourer can get, but we must take account (b) of cases where the modern labourer has to pay for things which the mediaeval labourer got for nothing, and (c) of things which the modern labourer habitually uses, and which the mediaeval labourer never had at all. That is to say, to estimate the standard of comfort, we must not only know (a) the purchasing power of wages, but take account (b) of the increased necessity of purchasing fuel in modern times, and (c) of the increased use of tea, tobacco and so forth. These last obviously imply a change in the standard of comfort, for the better if they are additional luxuries, and for the worse, if they are substitutes for things containing more sustenance.

There is a further difficulty; it is now recognised that the question of a labourer's comfort depends, not merely on his own

<sup>1</sup> H. Hall, The Roast Beef of Old England, in the Antiquarian, 1882.

<sup>2</sup> Principles of Political Economy, 111. 65.

wages, but on the family income1; Le Play and his school have put this matter beyond discussion. Before, then, we can get satisfactory information regarding the standard of comfort we must know what opportunities there are for bye-employment and domestic industry.

These considerations are all necessary to get any statement on the subject which shall be worth having; but they are so complicated, that it seems impossible to give each of them their due weight. On this ground Professor Thorold Rogers has taken the bold course of simplifying the problem as much as possible, by leaving these confusing elements on one side. He takes individual earnings as typical of family earnings, and discusses the standard of comfort of the labourer on the simpler issue of the purchasing power of his wages. But the quotations for rates of wages, on which he relies, are often statements of payments made per day; if the standard of comfort is to be estimated by the free income, which the labourer had (for clothes, &c.) after purchasing necessary food, it is necessary to know how regularly he was employed. Where we do not know this, we are forced to assume it, so as to discuss the problem at all. But regularity of employment depends on (1) opportunity of employment, and (2) on willingness to work; and these are uncertain elements which make it very difficult to hazard a reasonable assumption for any period in the past.

There are two periods during which it appears, from comparing the price of food and the rates of wages, that the labourer must have been specially well off, viz. 1401-1499, and 1701-1766. But it seems very doubtful whether there was much regularity of employment at either time. The evidence of the decay of towns

culations such as I am making, provided you take what it may be conceived the workmen could not do without, the comparison is made more obvious if the fewest and simplest factors are taken." Agriculture and Prices, v. 618.

<sup>1</sup> The family is an element of uncertainty both as to income and expenditure. The difficulties of comparing the price of labour in our land in different centuries, are brought out in a few sentences about the price of labour in different states at the same date. "1st. The necessaries of a family is a vague term. 2dly. A family is vague; it may be four or ten persons. 3dly. A day's work is vague; it may be six hours or sixteen. 4thly. The quantity of labour in a state is uncertain. 5thly. The seasons and weather are various as to heat and cold, which must vary the relief of labour. 5thly. The seasons and weather are various as to heat and cold, which must vary the price of labour. 6thly. The value of money is different, so that in one country an ounce of silver will purchase a sack of wheat, and twenty days' labour; in another but a bushel, and five days' labour. What a perplexity arises hence! But when the price of labour is talked of, and compared between two states, &c., all these ought to be considered." [Temple] Considerations on Taxes, p. 42 n.

a "I assumed that the peasant and the artisan work 300 days in the year. It is quite possible that they did not get so much employment, perhaps that they worked more days, or on certain occasions increased their earnings by bye-employments, by the labour of their wives, their sons, and their daughters. But in call callations such as I am making, provided you take what it may be conceived the

(Vol. 1., pp. 453, 507), and increase of sheep-farming (Vol. 1., pp. 403, 526) goes to prove that there were many districts where employment was not to be had at all regularly during the fifteenth century. Again, the constant complaint of laziness in the eighteenth century seems to show that the labourers, who had the opportunity of working, often preferred to take out their enjoyment in the form of idling. (See above, pp. 566, 855 n. 1.)

It has been the habit of economists from the time of the statute of Elizabeth to think of wages as varying according to the plenty and scarcity of the time; that is, that when food is dear wages should be high, and that wages may be low when food is cheap. But Temple, if he was the author of the Essay on Trade and Commerce, gives expression to an opposite view. "It is the quantity of labour and not the price of it, that is determined by the price of provisions and other necessaries." (p 40.) According to his observations, when men could easily earn a living, they would not work more than half their time, but when food was dear, they were ready to put in six days a week. This doctrine, which was formulated after experience of a period of comparative plenty, was certainly confirmed during the miserable days which succeeded the peace, when the men were accustomed to labour for excessive hours because food was so dear.

Where there are high rates of wages and plenty of employment is to be had, it is clear that the labourers have an opportunity of raising their standard of material comfort. There are too many pessimists who call attention to the strength of human passions, and human folly, and who despair of these opportunities being ever well used. The followers of Malthus are inclined to say that if food is cheap, there will only be a reckless increase of the population; teetotalers are inclined to insist that high wages too often mean a large drink bill; and others may urge that high wages only lead to idleness and dissipation. With so many temptations at work, it need be no matter for surprise that during all these centuries of increasing wealth, the labourers' standard of comfort has changed but little for the better; that while many have risen out of the labouring class, the standard of the class has been hardly altered at all. But at least the experience of the past may help us to understand that no permanent improvement is necessarily brought about by increased opportunities for material well-being, but only by the intellectual and moral changes which enable men to take advantage of the opportunities that offer, be they great or small.

From the foregoing remarks it appears that very little reliance can be placed on conclusions drawn from quotations of prices as to the actual material comfort enjoyed by the labourer at any period. At the same time, as the question is constantly raised, it may not be out of place to give the calculations made by Arthur Young and commended by Tooke, for what they are worth.

PRICES AND WAGES IN ENGLAND, 1200 to 1810.—Comparative Statement framed by Arthur Young in 1812, upon the principle of representing the facts of 1810 by the number twenty (20), and the facts of the preceding periods by the proportion (in figures) borne by them to that Number.

1	2	8	4	5	6	7	8	9	10	11	12	
			Food.		Pork	OTHER ARTICLES.				Wages.		
i	Parions.	Wheat.	Barley and Oata.	Beef, Mutton, Veel, Pork, Bacon, Butter, Cheese.	Victualling Office. Beef and Pork.	Wool (Combing).	Horses.	Coals at Bethlehem Hospital.	Manufactures at Greenwich Hospital.	Agricultural Labour.	Carpenters and Masons.	
100 "" "" 66 23 14 7	1200-99 1800-99 1400-99 1600-99 1700-99 1701-66 1767-89 1790-1803 1804-10	5½ 6½ 8 6 9½ 9½ 11 13 20	48 5 28 48 81 111 71 11 161 20	  101 711 1111 1611 20	    71 11 17 20 121	    12 151 161 20	  154 174 194 20	   13½ 14½ 15¾ 20	   141 14 151 20	31/4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.: 41 54 41 7 111 .: .: .:	

Nors.—This Table may be read thus:—The price of a given quantity of, say, who at (col. 3), was represented in 1810 by the number 20; and the price of the same quantity of wheat in coinage, of the same weight and fineness, was, in the period, say 1500—99, represented by the number 6; hence, the price of wheat in 1810, compared with 1500—99, had risen 233 per cent.

The "Manufactures at Greenwich Hospital" (cal. 10) include shoes, stockings,

hats, and mops.

Arthur Young combined several of the separate elements together, in order to simplify the general view, and the following were the results, viz.:

Combinations obtained from the preceding Table.

1	2		8		4		5		6
Perioda.	Wheat, Bar- ley, and Oats united. (Cols. 8 and 4.)		Wheat and Beef, &c. united. (8 and &)		Corn and Boof, &c. united. (8, 4, and &)	I	abour, Corn, and Beef, &c. united. (3, 4, 5, and 11.)		Labour singly.
1200-99	5	-	***	-	•••	_	***	_	81
1300-99	51	_	•••	_	•••	_	***	_	4
1400-99	8"	_	•••	-	***	_		_	6
1500-99	5 <u>1</u> <b>3</b> 5	_		_	***	_	***	_	5 <u>i</u> 5 <u>i</u>
1600-99	82	_	5 <u>‡</u> 8	_	•••	_	•••	_	8"
1700-99	101	-	87	-	•••	-	***	-	124
1701-66	71		78	_	74	_	81	_	10
1767-89	11	_	11‡	_	11 <del>1</del>	_	114	_	124
1790-180	3 144	_	148	_	15 L	_	16	-	16
1804-10	20	_	20	-	20	-	20	-	20
1767-180	0 112	_	122	_	121	-	18	_	14

According to these figures, it is obvious that the periods during which a given quantity of *Labour* would command the largest quantity of *Food*, were the periods 1400-99 and 1701-66. Tooke, *Prices*, VI. 391.

For more recent periods it is possible to express the variations in the purchasing power of money by means of an index number, which is obtained by stating the price of each of a number of commodities in any subsequent year in the form of a percentage of the price of the same commodity in 1845—50, and then taking the sum of these percentages for the whole number of commodities. This is the plan adopted by the *Economist*, based on the figures for twenty-two articles. It gives 2947 as the index number for 1873, or an average rise of from 100 to 134. Want of data renders it impossible to calculate these changes for the sixteenth, seventeenth, or eighteenth centuries.

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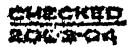
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