

CONTENTS OF VOL. II.

CHAPTER V.

FACTORY LAWS.

Basis of factory legislation—Its origin—The protection of children—The factory "system"—Gradual evolution of factory laws—Health and safety the main objects—Economic bearing—English laws—Protected persons—General provisions—Special rules for dangerous trades—Payment of wages—Inspection—Penalties—German laws—Protected persons—General regulations—Dangerous trades—Inspection—Penalties—Comparison of English and German codes—American laws—Diversity in different States—Massachusetts—Protected persons—General provisions—Pennsylvania—South Carolina—Other States—Legality of regulating hours for adults—Age limit for children in different States—Observance of laws—Summary conclusion

Pages 1-46

CHAPTER VI.

FACTORY CONDITIONS.

Premises—General comparison—Air—Warmth—Light—Safety—Dust—Sanitary provisions—Other appointments—Order—Plant—Alleged backwardness of English manufacturers—The cotton trade—Superiority of English machinery—Other textile machinery—Equipment in metal trades—Opinions of the "Moseley Commission"—Lessons learnt by English manufacturers—Energetic action—"Scraping"—Encouragement of workmen—British and American inventiveness—Patent laws—German equipment—Speed of running compared—Effects of machinery *Pages 47-79*

CHAPTER VII.

HOURS.

Wide variations make averages unsafe—Hours in England—Textile, engineering, ship-building, small metal and other industries—"Cribbing" time—Germany—Hours not so long as stated—Details from repre-

CONTENTS

sentative factories—Returns by trade unions—Summary comparison with England—Meal intervals—Hours of opening and closing—United States—Great variations—Details from census—Reduction of hours in recent years—Official details for Massachusetts—For United States—Overtime—Summary comparison—Statutory eight hours day in State and municipal employment—Holidays—Economic bearing of hours—Do men work harder in America?—Opinions of “Moseley Commission”—“hustling”—Opinions of English workmen in America—Quantity and quality of output—The problem for each country

Pages 80-113

CHAPTER VIII.

WAGES.

Difficulty of the subject—Comparative wages of unskilled day labourer—The alkali industry—Board of Trade returns—Engineers—Returns by U.S. Bureau of Labour—Cotton weavers—Woollen weavers—Summary comparison—Economics of wages—Excess and deficiency—the “living wage”—Adequate wages a good investment—Cutting down of wages—Too high wages—Spoiling of workmen—Differentiation necessary—English manufacturers' opinion, “pay them better”—The adjusted incentive—Time wages—Piece wages—Cutting prices—Other objections—Shirking—Intensive rates—the Oldham speed list—Intensive principle in time rates—Profit sharing—Its real character—A completion of wages—“Commercialisation” of labour—The most effective method of remuneration—Application in the three countries

Pages 114-146

CHAPTER IX.

WORKMEN'S COMPENSATION AND INSURANCE.

German State insurance—Sickness—Accident—Infirmity—Effects—Social democracy and workmen—Sanatoria for consumption—English Workmen's Compensation Act—Anthrax an accident—Private schemes—Compensation payable—Comparison with German provision—Working of the Act—Insurance—Grievances of workmen—Employers' liability in the United States—Voluntary compensation

Pages 147-170

CHAPTER X.

BENEVOLENT INSTITUTIONS.

Model settlements not a “solution of the labour question”—Labour demands justice, not favours—Opposition of trade unions—Consequently less paternalism in England—More common in Germany—

Instance of D. Peters & Co.—Welfare institutions described—Conditions of success—Saltaire—Essen—Pelzer—Hopedale—Ludlow—Labour organisation, labour legislation and municipal activity all inimical to benevolent institutions *Pages 171-184*

CHAPTER XI.

HOUSING.

Causes of interest in housing—Rent compared—House density—Superiority of English conditions—Overcrowding or room-density—Diminution in England—Less overcrowding in America—Conditions in Berlin—Barmen—Essen—Düsseldorf—"House famine" in Germany—Urbanisation—System of tenure—Quality of housing—Slums—German homes well kept—American slums—Summary comparison—House ownership—Housing agencies—The "speculative" builder—Building societies—Various agencies in Germany *Pages 185-223*

CHAPTER XII.

COST OF LIVING AND PHYSICAL CONDITIONS.

Classification of items of expenditure—Rent—Food—Comparison of prices—Official figures criticised—Meat—Bread—Vegetables—Fruit—Sugar—Fish—General conclusion as to cost of food—Markets and co-operative stores—Expenditure on food—Comparison between United Kingdom and United States—Alleged insufficient feeding in England—Comparison with Germany—Fuel and lighting—Clothing—Taxes—Locomotion—Other items—Summary conclusion as to cost of living—Physical conditions—"Physical deterioration" in England—"Degeneration"—Committee of inquiry—Impressions of comparative physique—English and Germans compared—Causes of German superior standard *Pages 224-251*

CHAPTER XIII.

SOCIAL CONDITIONS.

Games—Recent development in England—Football—Its commercialisation—Professional players—Popular interest—Cricket—Importance attached to it in schools—Author's experience—Less popular than football—Golf—Athletic sports—Games in Germany—In United States—Baseball—Less devotion to games than in England—Influence of games—Looking on—Loafers—Excessive preoccupation of all classes in England—Theatres—Statistics—Great increase in England and America—Especially among industrial population—Theatres in Germany—Municipal theatres—Melodrama and musical comedy—Music halls—Concerts—Betting and gambling—Increase in England—Bookmakers—Motives of betting—Lotteries in Germany—Betting and gambling

CONTENTS

in America—Cards—Drink—Its importance—Public-houses in Germany—In America—Evasion of the law—Public-houses in England—Clubs—Drunkenness—In America—In Germany—Diminution in England—Culture—Free libraries—Comparative statistics—Literature read—Readers—Newspapers—Comparative statistics—Quality and influence—Locomotion—Electric trams—Railways—Municipal administration *Pages 252-306*

CHAPTER XIV.

TRADE UNIONS AND INDUSTRIAL DISPUTES.

Modern labour organisation a corollary of the "factory system"—The latter chiefly created by workmen—Trade unions the response of the rest—Difficulty of organisation—Reluctance of men to combine—Need of trade unions—Organisation more advanced in England than elsewhere—Numbers—Constitution of unions—Legal position—Funds and payments—Special account of German unions—Social Democratic—"Christian"—Hirsch-Duncker—Independent—Influence of trade unions—A source of industrial strength to England—Friendly attitude of employers—Charges against trade unions—Not responsible for restriction of output and opposition to machinery—Laziness—Interference with management—Jealousy between unions—Interference with free labour—Organisation of free labour—Charge of fomenting disputes—Difficult position of union leaders—Beneficial influence of unions—Educative influence—Non-unionists—Effect of unions on conditions of labour—On relations between employers and employed—Consequent diminution of disputes—Comparison with United States and Germany—Interests of labour and capital not identical—Permanent advance towards stable relations in England—Trade unions learning discipline—The future *Pages 307-350*

CHAPTER XV.

PAUPERISM AND THRIFT.

Statistical data of pauperism not comparable—Problems the same in each country—The English poor-law—The scheme adopted in 1834—Its recent break-down—Out-door relief and discrimination—Increase of unemployment—American poor-law based on English—Confusion in methods—German poor-law—More discrimination applied—Papers of identification—Distinctive treatment of voluntary and involuntary destitution—The Elberfeld system of out-door relief—Tramps and beggars—Labour colonies—Labour registries—German treatment of pauperism more scientific—Thrift—Statistical comparison impossible—Savings' banks—Total savings in United Kingdom—Thrift and wastefulness in England—In Germany—In America—Extravagance of American women *Pages 351-373*

CONTENTS

ix

CHAPTER XVI.

ELEMENTARY EDUCATION.

Fundamental difference between public and private education—Germany and the United States have long had the former, England only now—Aim of national education—The American democratic principle, "equality of opportunity"—How far realised—Educational provision in United States—Educational aims—No uniformity of methods—Varying laws—School age—The school year—Prevailing type of administration—Teaching staff—Salaries—Training of teachers—Co-education and other details—Results—Defects—Ethical results—Uneasiness among thoughtful Americans—Germany—System based on different principles—Class distinctions—A State system—Its organisation—Aim defined—The teaching of religion—Contrast with United States—Other subjects—Teaching staff—Salaries—Official standing of teachers—Other details—Statistics—Continuation schools—Military service—Results—England—Recent history of education—Development of the system—Unsatisfactory results—Defects of the system—Teachers—Salaries—The Act of 1902—New system—Aims defined—The religious difficulty—Warning from the examples of Germany and the United States *Pages 374-417*

CHAPTER XVII.

TECHNICAL EDUCATION.

Meaning of the term—Confused state of the subject—Germany—The secondary schools—Official character of the organisation—Technical schools—Classification—Lower group—Middle group—Higher group (*technische Hochschule*)—Their functions—Train officers not workmen—England—Technical schools supply industries from below—Chiefly evening classes—Schools more diffused and less specialised than in Germany—Comparison—Merits of English schools—English universities or technical high schools—Chief difference lies in students—Demand for highly educated experts only beginning in England—Designing—General comparison—United States—More like German than English system—Supply from above—Higher schools—Middle—Lower—Uneven distribution—Influence on industries—Defects—Summary comparison of salient educational results *Pages 418-445*

CHAPTER XVIII.

CONCLUSION.

Recapitulation—England caught up industrially and outstripped—Causes—Germany and United States have two things in common—Hard work and a protective tariff—Nature and object of tariffs—Their effect

CONTENTS

on industries—Inadequate without work—American and German methods of work—England a composite but faded picture of both—General slackness and love of amusement—Opinions quoted—"A German Resident"—John T. Taylor (American)—E. O. (Russian)—"An Old Mechanic of the Old School"—"Vidi" in *The Times*—Work is efficiency—Other nations have outstripped England by working harder—The cause, over-prosperity and the diffusion of wealth—The Gospel of Ease—"Progress"—Other nations the same under same conditions—Those conditions coming to an end—Physical energy retained—Response to pressure of necessity—Manufacturers, workmen and others—Pressure of pauperism and unemployment—Protection and the future—National vitality Pages 446-468

INDEX Pages 469-488