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NINETEENTH CENTURY THOUGHT

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HISTORICAL READINGS
IN
NINETEENTH CENTURY
THOUGHT

EDITED WITH INTRODUCTIONS BY

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FOREWORD

The teacher of nineteenth century European history is confronted with a difficult problem. There are many books dealing with the political and diplomatic history of his period, but all too little has been written about its intellectual aspects. The purpose of this book is to fill, in part, this void.

The editors have attempted nothing new; for their purpose has been simply to assemble certain writings of widespread interest and influence in the last century which cannot otherwise be obtained in a single volume. They offer a source book which differs from other source books in but one particular: the selections made are in each case complete entities. It is their belief that the teaching of history is the better served by fewer, yet at the same time longer selections from the sources. Little attempt has been made to criticize the writings. It is believed that their greatest value lies in the free discussion by teacher and student of the ideas and ideals which they present.

W. P. H.

E. A. B.

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HISTORICAL READINGS IN NINETEENTH
CENTURY THOUGHT

HISTORICAL READINGS IN NINETEENTH CENTURY THOUGHT

I

THOMAS HENRY HUXLEY

1825-1895

Thomas Henry Huxley was the foremost protagonist in the nineteenth century of the theory of evolution. The bulldog of Darwin, to use his own phraseology, acted as the interpreter of that gentle biologist to a hostile and sceptical world. Charles Darwin was not one to engage in controversy; to Huxley it was the breath of life. The average layman in reading Darwin's *Origin of Species* is soon lost in a sea of technicalities and scientific terminology; in reading Huxley he can always find his way. Sometimes it is a long way, through twisting paths of thought but newly opened; but the trail is clear, the guide-posts unmistakable; the guide, emphatic, logical, and spontaneous—a teacher born.

The theory of evolution, which he explained, may well be considered as the second of those major scientific truths which within recent centuries have revolutionized human thought. It takes rank with the invention of the telescope as a means whereby vast vistas and new realms, before

undreamed of, were disclosed to all imaginative and thinking people. As a disruptive agent in fields both scientific and religious it transcended even Galileo's discovery.

The telescope proved that the world was not the center of the universe; Darwin demonstrated that man, presumably, was related to the lower animals. The first discovery immeasurably widened space and led to scepticism concerning the earth as the especially favored footstool of the Almighty. But the theory of evolution changed our concepts of time as Galileo did those of space, immeasurably lengthened the span of organic life; and seemingly reduced the first chapter of *Genesis* to a myth. Furthermore, the exact and formal drama of salvation, as literally interpreted by Protestant and Catholic alike, no longer held its former meaning, if the deductions drawn from Darwin's teachings were true. Hence the terrific struggle, not yet ended, both to defend and to refute them.

The scientific world of our own day has progressed far beyond that of Darwin and of Huxley. These two biologists, in some respects, guessed wrong. They did not have the fullness of knowledge which is ours. But none the less, it may be safely stated that in the main we owe to Charles Darwin our disbelief in the separate creation either of man or the lower animals. The evidence seems overwhelming that all known forms of life developed out of earlier and simpler forms—a fact as true of man as of the grasshopper.

Before the days of Darwin other scientists, geologists, and biologists alike, had made an approach to this idea. The astonishing antiquity of the earth was ascertained long before Darwin wrote; the impossibility of fitting into the ark of Noah the numerous species of the animal kingdom had been demonstrated long before he studied barnacles. But although Darwin perhaps shares with another (A. B. Wallace) the distinction of first understanding how adaptations rose in organic life, it still remains true that he first pub-

lished in full form this information. And to him should go the credit of making clear the process by which constant, although gradual, modifications have arisen in structure and function in those varieties of life with which we are familiar.

The facts of evolution, organic as well as inorganic, are now generally accepted. That part of the Darwinian hypothesis which links man to the lower animals still remains hypothetical. The evolution of the horse is more clearly proved than the evolution of man. In regard to the former there are almost no missing links; in regard to the latter these still make trouble. Strong, therefore, as are the arguments which make *homo sapiens* a cousin to the ape, they are not quite in the same category as those which establish Newtonian laws of gravitation, or possibly even those which, biologically speaking, link reptile to bird in common ancestry.

Almost every major aspect of evolution in the nineteenth century was made the subject, at one time or another, of the fertile pen of Huxley. In numerous essays to workingmen, to savants, to the general public, he explained, clarified and defended the new ideas. Which one of his writings shall we reprint? His *Lectures to Workingmen* unfortunately are too long; his *Evolution and Ethics* perhaps too metaphysical and abstract; his *Evidence as to Man's Place in Nature* possibly too controversial. His review of Darwin's *Origin of Species* for the *London Times* and republished in his *Darwiniana* would serve our purpose nicely. It gives us a better explanation of Darwin's book than any casual reading of it offers. On the other hand, Huxley's lecture on *A Piece of Chalk* is ideal. It presents the doctrine of evolution in its broadest possible significance. It is simply written and brief; yet it is not a review or a commentary but an artistic unit, if we may use such an expression in regard to scientific writing.

For Huxley, it must be remembered, was no mere ex-

positor; he was a scientist in his own right. He took upon himself the defense of Darwin, acknowledged a great debt to him, and was his sworn friend. But many things Huxley knew better than Darwin, and that too in the realm of science.

Huxley's early education had been most irregular. Nevertheless, at the age of seventeen he began the study of medicine in London and at twenty received his degree. He then entered the navy as a surgeon and was assigned to H.M.S. *Rattlesnake*, outward bound for Australia to make surveys in Torres Straits. The voyage lasted four years, during which Huxley made a careful and minute study of the various forms of marine life which swarm in the waters of the tropics.

This brought him scientific recognition and an election to the Royal Society. The Royal Navy also took cognizance of his achievements and retained him for three years in a nominal position that he might continue his investigations. When finally called upon for sea duty in 1854, Huxley resigned, became an unsuccessful candidate for a professorship in the University of Toronto, and accepted one of natural history in the London School of Mines, a post which he was to occupy until 1885.

The rise of Huxley in the scientific world was now rapid. A physician by early training, a physiologist by choice, his Australian experience had made him both zoölogist and ethnologist. His interest in morphology, cultivated from early childhood, had led him straight to paleontology and thence to geology. The whole gamut of the biological sciences engaged his attention. He was a devoted worker and a steady stream of scientific articles flowed from his pen. Before he was thirty-five he was selected as one of three men whom Darwin consulted before the publication of the *Origin of Species*. "If I can convince Huxley," said Charles Darwin, "I shall be content."

The very breadth of Huxley's studies and his incessant lecturing made it unlikely that he would make many specific discoveries of foremost importance *in* the scientific world. On the other hand his achievements, and the character of the life which he led, made him ideally fitted to be Darwin's advance agent.

This was well illustrated at the Oxford meeting of British scientists in 1860. On this occasion, Bishop Wilberforce, suave, authoritative, powerful, attempted to annihilate Darwin's ideas by a flood of sarcasm. No stenographic record was kept of the encounter between his Lordship and Huxley, but a dozen witnesses told approximately the same tale. A composite narrative of what they remembered would run as follows: "And now," said the Bishop in triumphant conclusion, "do you trace your monkey ancestry on your father's side or on your mother's?" "I would rather," replied Huxley, "be descended from the humble ape than to trace my ancestry to one who used his ability and position to discredit and to crush those who sought after truth." Huxley knew how to fight; and a campaign was now begun by him which was to end only with his death.

Huxley, however, was no free lance. His power came largely from three sources—his pugnacity, his thorough learning, and his friends. The more eminent of these in scientific circles were organized in a small group known as the X Club. It met once a month. For nineteen years it existed without a death in its membership, and it added greatly to the cohesiveness of a many-sided scientific movement.

Of even more importance was the Metaphysical Society, composed largely of liberal clergymen, intensely interested in making adjustments between Christianity and evolution. A number of prominent statesmen and scientists also were members; and among the latter Huxley was preëminent. His blunt manner of speech before this organization was

characteristic of the man. At times even it may have approached truculence; for the enemies of evolution were numerous as well as determined. But as evolution gradually became accepted Huxley appeared more in the light of the teacher than as a wilful destroyer of accepted dogma.

While health permitted Huxley was a tireless worker. In addition to his lecturing and teaching he served on several Royal Commissions, was a member of the London School Board, and fought vigorously for some simple scientific education in the national schools. He also traveled widely and read omnivorously, not simply scientific reports as they appeared in English, German, and French periodicals, but also philosophy and metaphysics.

His health gave way in 1885 and he retired from active life. But his pen remained as trenchant as before. A long and not very edifying quarrel took place between him and Gladstone in regard to the Gadarene swine into whom Christ was said to have driven the evil spirits. With the Duke of Argyle, Huxley also broke several lances; with Catholic modernists he disputed the teachings of the Church of Rome in regard to creation; and with numerous other clergymen he entered into controversies on a basis not always friendly.

For Huxley called himself an agnostic. He invented that term and was rather proud of it. Probably he would prefer not to be remembered as a religious man. Whether he was so or not might be a matter for dispute. That he was devoted, however, to the discovery of truth cannot be gainsaid; that he sacrificed his health to this end cannot be denied; that his family life was simple, natural, and above reproach is a matter of record. Few men in English history have lead a more idealistic life than this exponent **of what** was, to him, a new Reformation.

ON A PIECE OF CHALK *

A LECTURE TO WORKING MEN

If a well were to be sunk at our feet in the midst of the city of Norwich, the diggers would very soon find themselves at work in that white substance almost too soft to be called rock, with which we are all familiar as "chalk."

Not only here, but over the whole county of Norfolk, the well-sinker might carry his shaft down many hundred feet without coming to the end of the chalk; and, on the sea-coast, where the waves have pared away the face of the land which breasts them, the scarped faces of the high cliffs are often wholly formed of the same material. Northward, the chalk may be followed as far as Yorkshire; on the south coast it appears abruptly in the picturesque western bays of Dorset, and breaks into the Needles of the Isle of Wight; while on the shores of Kent it supplies that long line of white cliffs to which England owes her name of Albion. ,

Were the thin soil which covers it all washed away, a curved band of white chalk, here broader,

* From *Lay Sermons, Addresses, and Reviews* (D. Appleton & Company, New York).

and there narrower, might be followed diagonally across England from Lulworth in Dorset, to Flap-borough Head in Yorkshire—a distance of over 280 miles as the crow flies.

From this band to the North Sea, on the east, and the Channel, on the south, the chalk is largely hidden by other deposits; but except in the Weald of Kent and Sussex, it enters into the very foundation of all the south-eastern counties.

Attaining, as it does in some places, a thickness of more than a thousand feet, the English chalk must be admitted to be a mass of considerable magnitude. Nevertheless, it covers but an insignificant portion of the whole area occupied by the chalk formation of the globe, which has precisely the same general characters as ours, and is found in detached patches, some less, and others more extensive, than the English.

Chalk occurs in north-west Ireland; it stretches over a large part of France,—the chalk which underlies Paris being, in fact, a continuation of that of the London basin; it runs through Denmark and Central Europe, and extends southward to North Africa; while eastward, it appears in the Crimea and in Syria, and may be traced as far as the shores of the Sea of Aral, in Central Asia.

If all the points at which true chalk occurs were circumscribed, they would lie within an irregular

oval about 3,000 miles in long diameter—the area of which would be as great as that of Europe, and would many times exceed that of the largest existing inland sea—the Mediterranean.

Thus the chalk is no unimportant element in the masonry of the earth's crust, and it impresses a peculiar stamp, varying with the conditions to which it is exposed, on the scenery of the districts in which it occurs. The undulating downs and rounded coombs, covered with sweet-grassed turf, of our inland chalk country, have a peacefully domestic and mutton-suggesting prettiness, but can hardly be called either grand or beautiful. But on our southern coasts, the wall-sided cliffs, many hundred feet high, with vast needles and pinnacles standing out in the sea, sharp and solitary enough to serve as perches for the wary cormorant, confer a wonderful beauty and grandeur upon the chalk headlands. And, in the East, chalk has its share in the formation of some of the most venerable of mountain ranges, such as the Lebanon.

What is this wide-spread component of the surface of the earth? and whence did it come?

You may think this no very hopeful inquiry. You may not unnaturally suppose that the attempt to solve such problems as these can lead to no result, save that of entangling the inquirer in vague specu-

lations, incapable of refutation and of verification.

If such were really the case, I should have selected some other subject than a "piece of chalk" for my discourse. But, in truth, after much deliberation, I have been unable to think of any topic which would so well enable me to lead you to see how solid is the foundation upon which some of the most startling conclusions of physical science rest.

A great chapter of the history of the world is written in the chalk. Few passages in the history of man can be supported by such an overwhelming mass of direct and indirect evidence as that which testifies to the truth of the fragment of the history of the globe, which I hope to enable you to read, with your own eyes, to-night.

Let me add, that few chapters of human history have a more profound significance for ourselves. I weigh my words well when I assert, that the man who should know the true history of the bit of chalk which every carpenter carries about in his breeches-pocket, though ignorant of all other history, is likely, if he will think his knowledge out to its ultimate results, to have a truer, and therefore a better, conception of this wonderful universe, and of man's relation to it, than the most learned student who is deep-read in the records of humanity and ignorant of those of Nature.

The language of the chalk is not hard to learn,

not nearly so hard as Latin, if you only want to get at the broad features of the story it has to tell; and I propose that we now set to work to spell that story out together.

We all know that if we "burn" chalk the result is quicklime. Chalk, in fact, is a compound of carbonic acid gas, and lime, and when you make it very hot the carbonic acid flies away and the lime is left.

By this method of procedure we see the lime, but we do not see the carbonic acid. If, on the other hand, you were to powder a little chalk and drop it into a good deal of strong vinegar, there would be a great bubbling and fizzing, and, finally, a clear liquid, in which no sign of chalk would appear. Here you see the carbonic acid in the bubbles; the lime, dissolved in the vinegar, vanishes from sight. There are a great many other ways of showing that chalk is essentially nothing but carbonic acid and quicklime. Chemists enunciate the result of all the experiments which prove this, by stating that chalk is almost wholly composed of "carbonate of lime."

It is desirable for us to start from the knowledge of this fact, though it may not seem to help us very far towards what we seek. For carbonate of lime is a widely-spread substance, and is met with under very various conditions. All sorts of limestones are composed of more or less pure carbonate of lime. The crust which is often deposited by waters

which have drained through limestone rocks, in the form of what are called stalagmites and stalactites, is carbonate of lime. Or, to take a more familiar example, the fur on the inside of a tea-kettle is carbonate of lime; and, for anything chemistry tells us to the contrary, the chalk might be a kind of gigantic fur upon the bottom of the earth-kettle, which is kept pretty hot below.

Let us try another method of making the chalk tell us its own history. To the unassisted eye chalk looks simply like a very loose and open kind of stone. But it is possible to grind a slice of chalk down so thin that you can see through it—until it is thin enough, in fact, to be examined with any magnifying power that may be thought desirable. A thin slice of the fur of a kettle might be made in the same way. If it were examined microscopically, it would show itself to be a more or less distinctly laminated mineral substance and nothing more.

But the slice of chalk presents a totally different appearance when placed under the microscope. The general mass of it is made up of very minute granules; but, imbedded in this matrix, are innumerable bodies, some smaller and some larger, but, on a rough average, not more than a hundredth of an inch in diameter, having a well-defined shape and structure. A cubic inch of some specimens of chalk may contain hundreds of thousands of these bodies,

compacted together with incalculable millions of the granules*

The examination of a transparent slice gives a good notion of the manner in which the components of the chalk are arranged, and of their relative proportions. But, by rubbing up some chalk with a brush in water and then pouring off the milky fluid, so as to obtain sediments of different degrees of fineness, the granules and the minute rounded bodies may be pretty well separated from one another, and submitted to microscopic examination, either as opaque or as transparent objects. By combining the views obtained in these various methods, each of the rounded bodies may be proved to be a beautifully-constructed calcareous fabric, made up of a number of chambers, communicating freely with one another. The chambered bodies are of various forms. One of the commonest is something like a badly-grown raspberry, being formed of a number of nearly globular chambers of different sizes congregated together. It is called *Globigerina*, and some specimens of chalk consist of little else than *Globigerina* and granules.

Let us fix our attention upon the *Globigerina*. It is the spoor of the game we are tracking. If we can learn what it is and what are the conditions of its existence, we shall see our way to the origin and past history of the chalk.

A suggestion which may naturally enough present itself is, that these curious bodies are the result of some process of aggregation which has taken place in the carbonate of lime; that, just as in winter, the rime on our windows simulates the most delicate and elegantly arborescent foliage—proving that the mere mineral water may, under certain conditions, assume the outward form of organic bodies—so this mineral substance, carbonate of lime, hidden away in the bowels of the earth, has taken the shape of these chambered bodies. I am not raising a merely fanciful and unreal objection. Very learned men, in former days, have even entertained the notion that all the formed things found in rocks are of this nature; and if no such conception is at present held to be admissible, it is because long and varied experience has now shown that mineral matter never does assume the form and structure we find in fossils. If any one were to try to persuade you that an oyster-shell (which is also chiefly composed of carbonate of lime) had crystallized out of sea-water, I suppose you would laugh at the absurdity. Your laughter would be justified by the fact that all experience tends to show that oyster-shells are formed by the agency of oysters, and in no other way. And if there were no better reasons, we should be justified, on like grounds, in believing that *Globigerina* is not the product of anything but vital activity.

Happily, however, better evidence in proof of the organic nature of the *Globigerina* than that of analogy is forthcoming. It so happens that calcareous skeletons, exactly similar to the *Globigerina* of the chalk, are being formed, at the present moment, by minute living creatures, which flourish in multitudes, literally more numerous than the sands of the sea-shore, over a large extent of that part of the earth's surface which is covered by the ocean.

The history of the discovery of these living *Globigerina*, and the part which they play in rock building, is singular enough. It is a discovery which, like others of no less scientific importance, has arisen, incidentally, out of work devoted to very different and exceedingly practical interests.

When men first took to the sea, they speedily learned to look out for shoals and rocks; and the more the burthen of their ships increased, the more imperatively necessary it became for sailors to ascertain with precision the depth of the waters they traversed. Out of this necessity grew the use of the lead and sounding line; and, ultimately, marine-surveying, which is the recording of the form of coasts and of the depth of the sea, as ascertained by the sounding-lead, upon charts.

At the same time, it became desirable to ascertain and to indicate the nature of the sea-bottom, since this circumstance greatly affects its goodness as hold-

ing ground for anchors. Some ingenious tar, whose name deserves a better fate than the oblivion into which it has fallen, attained this object by "arming" the bottom of the lead with a lump of grease, to which more or less of the sand or mud, or broken shells, as the case might be, adhered, and was brought to the surface. But, however well adapted such an apparatus might be for rough nautical purposes, scientific accuracy could not be expected from the armed lead, and to remedy its defects (especially when applied to sounding in great depths) Lieut. Brooke, of the American Navy, some years ago invented a most ingenious machine, by which a considerable portion of the superficial layer of the sea-bottom can be scooped out and brought up, from any depth to which the lead descends.

In 1853, Lieut. Brooke obtained mud from the bottom of the North Atlantic, between Newfoundland and the Azores, at a depth of more than 10,000 feet, or two miles, by the help of this sounding apparatus. The specimens were sent for examination to Ehrenberg of Berlin, and to Bailey of West Point, and those able microscopists found that this deep-sea mud was almost entirely composed of the skeletons of living organisms—the greater proportion of these being just like the *Globigerina* already known to occur in the chalk.

Thus far, the work had been carried on simply in

the interests of science, but Lieut. Brooke's method of sounding acquired a high commercial value, when the enterprise of laying down the telegraph-cable between this country and the United States was undertaken. For it became a matter of immense importance to know, not only the depth of the sea over the whole line along which the cable was to be laid, but the exact nature of the bottom, so as to guard against chances of cutting or fraying the strands of that costly rope. The Admiralty consequently ordered Captain Dayman, an old friend and shipmate of mine, to ascertain the depth over the whole line of the cable, and to bring back specimens of the bottom. In former days, such a command as this might have sounded very much like one of the impossible things which the young prince in the Fairy Talcs is ordered to do before he can obtain the hand of the Princess. However, in the months of June and July, 1857, my friend performed the task assigned to him with great expedition and precision, without, so far as I know, having met with any reward of that kind. The specimens of Atlantic mud which he procured were sent to me to be examined and reported upon.¹

¹See Appendix to Captain Dayman's "Deep-sea Soundings in the North Atlantic Ocean, between Ireland and Newfoundland, made in H.M.S. *Cyclops*. Published by order of the Lords Commissioners of the Admiralty, 1858." They have since formed the

The result of all these operations is, that we know the contours and the nature of the surface-soil covered by the North Atlantic, for a distance of 1,700 miles from east to west, as well as we know that of any part of the dry land.

It is a prodigious plain—one of the widest and most even plains in the world. If the sea were drained off, you might drive a wagon all the way from Valentia, on the west coast of Ireland, to Trinity Bay, in Newfoundland. And, except upon one sharp incline about 200 miles from Valentia, I am not quite sure that it would even be necessary to put the skid on, so gentle are the ascents and descents upon that long route. From Valentia the road would lie down-hill for about 200 miles to the point at which the bottom is now covered by 1,700 fathoms of sea-water. Then would come the central plain, more than a thousand miles wide, the inequalities of the surface of which would be hardly perceptible, though the depth of water upon it now varies from 10,000 to 15,000 feet; and there are places in which Mont Blanc might be sunk without showing its peak above water. Beyond this, the ascent on the American side commences, and gradually leads, for about 300 miles, to the Newfoundland shore.

subject of an elaborate Memoir by Messrs. Parker and Jones, published in the *Philosophical Transactions* for 1865.

Almost the whole of the bottom of this central plain (which extends for many hundred miles in a north and south direction) is covered by a fine mud, which, when brought to the surface, dries into a greyish-white friable substance. You can write with this on a blackboard, if you are so inclined; and, to the eye, it is quite like very soft, greyish chalk. Examined chemically, it proves to be composed almost wholly of carbonate of lime; and if you make a section of it, in the same way as that of the piece of chalk was made, and view it with the microscope, it presents innumerable *Globigerina* imbedded in a granular matrix.

Thus this deep-sea mud is substantially chalk. I say substantially, because there are a good many minor differences; but as these have no bearing on the question immediately before us,—which is the nature of the *Globigerina* of the chalk,—it is unnecessary to speak of them.

Globigerina of every size, from the smallest to the largest, are associated together in the Atlantic mud, and the chambers of many are filled by a soft animal matter. This soft substance is, in fact, the remains of the creature to which the *Globigerina* shell, or rather skeleton, owes its existence—and which is an animal of the simplest imaginable description. It is, in fact, a mere particle of living jelly, without defined parts of any kind—without a mouth,

nerves, muscles, or distinct organs, and only manifesting its vitality to ordinary observation by thrusting out and retracting from all parts of its surface, long filamentous processes, which serve for arms and legs. Yet this amorphous particle, devoid of everything which, in the higher animals, we call organs, is capable of feeding, growing, and multiplying; of separating from the ocean the small proportion of carbonate of lime which is dissolved in sea water; and of building up that substance into a skeleton for itself, according to a pattern which can be imitated by no other known agency.

The notion that animals can live and flourish in the sea, at the vast depths from which apparently living *Globigerina* have been brought up, does not agree very well with our usual conceptions respecting the conditions of animal life; and it is not so absolutely impossible as it might at first sight appear to be, that the *Globigerina* of the Atlantic seabottom do not live and die where they are found.

As I have mentioned, the soundings from the great Atlantic plain are almost entirely made up of *Globigcrinsr*, with the granules which have been mentioned, and some few other calcareous shells; but a small percentage of the chalky mud—perhaps at most some five per cent of it—is of a different nature, and consists of shells and skeletons composed of silex, or pure flint. These silicious bodies belong

partly to the lowly vegetable organisms which are called *Diatomacea*, and partly to the minute, and extremely simple, animals, termed *Radiolaria*. It is quite certain that these creatures do not live at the bottom of the ocean, but at its surface—where they may be obtained in prodigious numbers by the use of a properly constructed net. Hence it follows that these silicious organisms, though they are not heavier than the lightest dust, must have fallen, in some cases, through fifteen thousand feet of water, before they reached their final resting-place on the ocean floor. And, considering how large a surface these bodies expose in proportion to their weight, it is probable that they occupy a great length of time in making their burial journey from the surface of the Atlantic to the bottom.

But if the *Radiolaria* and Diatoms are thus rained upon the bottom of the sea, from the superficial layer of its waters in which they pass their lives, it is obviously possible that the *Globigerina* may be similarly derived; and if they were so, it would be much more easy to understand how they obtain their supply of food than it is at present. Nevertheless, the positive and negative evidence all-points the other way. The skeletons of the full-grown, deep-sea *Globigerina* are so remarkably solid and heavy in proportion to their surface as to seem little fitted for floating; and, as a matter of fact, they

are not to be found along with the Diatoms and *Radiolaria*, in the uppermost stratum of the open ocean.

It has been observed, again, that the abundance of *Globigerina*, in proportion to other organisms, of like kind, increases with the depth of the sea; and that deep-water *Globigerina* are larger than those which live in shallower parts of the sea; and such facts negative the supposition that these organisms have been swept by currents from the shallows into the deeps of the Atlantic.

It therefore seems to be hardly doubtful that these wonderful creatures live and die at the depths in which they are found.²

However, the important points for us are, that the living *Globigerina* are exclusively marine animals, the skeletons of which abound at the bottom of deep seas; and that there is not a shadow of reason for believing that the habits of the *Globigerina*

² During the cruise of H.M.S. *Bull-dog*, commanded by Sir Leopold M'Clintock, in 1860 living star-fish were brought up, clinging to the lowest part of the sounding-line, from a depth of 1,260 fathoms, midway between Cape Farewell, in Greenland, and the Rockall banks. Dr. Wallich ascertained that the sea-bottom at this point consisted of the ordinary *Globigerina* ooze, and that the stomachs of the star-fishes were full of *Globigerina*. This discovery removes all objections to the existence of living *Globigerina* at great depths, which are based upon the supposed difficulty of maintaining animal life under such conditions; and it throws the burden of proof upon those who object to the supposition that the *Globigerinæ* live and die where they are found.

of the chalk differed from those of the existing species. But if this be true, there is no escaping the conclusion that the chalk itself is the dried mud of an ancient deep sea.

In working over the soundings collected by Captain Dayman, I was surprised to find that many of what I have called the "granules" of that mud, were not, as one might have been tempted to think at first, the mere powder and waste of *Globigerina*, but that they had a definite form and size. I termed these bodies "*coccoliths*," and doubted their organic nature. Dr. Wallich verified my observation, and added the interesting discovery that, not unfrequently, bodies similar to these "*coccoliths*" were aggregated together into spheroids, which he termed "*coccospheres*." So far as we knew, these bodies, the nature of which is extremely puzzling and problematical, were peculiar to the Atlantic soundings.

But, a few years ago, Mr. Sorby, in making a careful examination of the chalk by means of thin sections and otherwise, observed, as Ehrenberg had done before him, that much of its granular basis possesses a definite form. Comparing these formed particles with those in the Atlantic soundings, he found the two to be identical; and thus proved that the chalk, like the soundings, contains these mysterious *coccoliths* and *coccospheres*. Here was a further

and a most interesting confirmation, from internal evidence, of the essential identity of the chalk with modern deep-sea mud. *Globigerina*, coccoliths, and coccospheres are found as the chief constituents of both, and testify to the general similarity of the conditions under which both have been formed.³

The evidence furnished by the hewing, facing, and superposition of the stones of the Pyramids, that these structures were built by men, has no greater weight than the evidence that the chalk was built by *Globigerina*; and the belief that those ancient pyramid-builders were terrestrial and air-breathing creatures like ourselves, is not better based than the conviction that the chalk-makers lived in the sea.

But as our belief in the building of the Pyramids by men is not only grounded on the internal evidence afforded by these structures, but gathers strength from multitudinous collateral proofs, and is clinched by the total absence of any reason for a contrary belief; so the evidence drawn from the *Globigerina* that the chalk is an ancient sea-bottom, is fortified by innumerable independent lines of evidence; and our belief in the truth of the conclusion to which all

³I have recently traced out the development of the "coccoliths" from a diameter of of an inch up to their largest size (which is about Meooth), and no longer doubt that they are produced by independent organisms, which, like the *Glob'igerina*, live and die at the bottom of the sea.

positive testimony tends, receives the like negative justification from the fact that no other hypothesis has a shadow of foundation.

It may be worth while briefly to consider a few of these collateral proofs that the chalk was deposited at the bottom of the sea.

The great mass of the chalk is composed, as we have seen, of the skeletons of *Globigerina*, and other simple organisms, imbedded in granular matter. Here and there, however, this hardened mud of the ancient sea reveals the remains of higher animals which have lived and died, and left their hard parts in the mud, just as the oysters die and leave their shells behind them, in the mud of the present seas.

There are, at the present day, certain groups of animals which are never found in fresh waters, being unable to live anywhere but in the sea. Such are the corals; those corallines which are called *Polyzoa*; those creatures which fabricate the lamp-shells, and are called *Brachiopoda*; the pearly *Nautilus*, and all animals allied to it; and all the forms of sea-urchins and star-fishes.

Not only are all these creatures confined to salt water at the present day; but, so far as our records of the past go, the conditions of their existence have been the same: hence, their occurrence in any deposit is as strong evidence as can be obtained, that that deposit was formed in the sea. Now the re-

mains of animals of all the kinds which have been enumerated, occur in the chalk, in greater or less abundance; while not one of those forms of shellfish which are characteristic of fresh water has yet been observed in it.

When we consider that the remains of more than three thousand distinct species of aquatic animals have been discovered among the fossils of the chalk, that the great majority of them are of such forms as are now met with only in the sea, and that there is no reason to believe that any one of them inhabited fresh water—the collateral evidence that the chalk represents an ancient sea-bottom acquires as great force as the proof derived from the nature of the chalk itself. I think you will now allow that I did not overstate my case when I asserted that we have as strong grounds for believing that all the vast area of dry land, at present occupied by the chalk, was once at the bottom of the sea, as we have for any matter of history whatever; while there is no justification for any other belief.

No less certain it is that the time during which the countries we now call south-east England, France, Germany, Poland, Russia, Egypt, Arabia, Syria, were more or less completely covered by a deep sea, was of considerable duration.

We have already seen that the chalk is, in places, more than a thousand feet thick. I think **you will**

agree with me, that it must have taken some time for the skeletons of animalcules of a hundredth of an inch in diameter to heap up such a mass as that, I have said that throughout the thickness of the chalk the remains of other animals are scattered. These remains are often in the most exquisite state of preservation. The valves of the shell-fishes are commonly adherent; the long spines of some of the sea-urchins, which would be detached by the smallest jar, often remain in their places. In a word, it is certain that these animals have lived and died when the place which they now occupy was the surface of as much of the chalk as had then been deposited; and that each has been covered up by the layer of *Globigerina* mud, upon which the creatures imbedded a little higher up have, in like manner, lived and died. But some of these remains prove the existence of reptiles of vast size in the chalk sea. These lived their time, and had their ancestors and descendants, which assuredly implies time, reptiles being of slow growth.

There is more curious evidence, again, that the process of covering up, or, in other words, the deposit of *Globigerina* skeletons, did not go on very fast. It is demonstrable that an animal of the cretaceous sea might die, that its skeleton might lie uncovered upon the sea-bottom long enough to lose all its outward coverings and appendages by putrefac-

tion; and that, after this had happened, another animal might attach itself to the dead and naked skeleton, might grow to maturity, and might itself die before the calcareous mud had buried the whole.

Cases of this kind are admirably described by Sir Charles Lyell. He speaks of the frequency with which geologists find in the chalk a fossilized sea-urchin, to which is attached the lower valve of a *Crania*. This is a kind of shell-fish, with a shell composed of two pieces, of which, as in the oyster, one is fixed and the other free.

"The upper valve is almost invariably wanting, though occasionally found in a perfect state of preservation in the white chalk at some distance. In this case, we see clearly that the sea-urchin first lived from youth to age, then died and lost its spines, which were carried away. Then the young *Crania* adhered to the bared shell, grew and perished in its turn; after which, the upper valve was separated from the lower, before the *Echinus* became enveloped in chalky mud." ⁴

A specimen in the Museum of Practical Geology, in London, still further prolongs the period which must have elapsed between the death of the sea-urchin, and its burial by the *Globigerina*. For the outward face of the valve of a *Crania*, which is at-

⁴ "Elements of Geology," by Sir Charles Lyell, Bart. F.R.S., p. 23.

tached to a sea-urchin (*Micraster*), is itself over-run by an incrusting coralline, which spreads thence over more or less of the surface of the sea-urchin. It follows that, after the upper valve of the *Crania* fell off, the surface of the attached valve must have remained exposed long enough to allow of the growth of the whole coralline, since corallines do not live imbedded in mud.

The progress of knowledge may, one day, enable us to deduce from such facts as these the maximum rate at which the chalk can have accumulated, and thus to arrive at the minimum duration of the chalk period. Suppose that the valve of the *Crania* upon which a coralline has fixed itself in the way just described, is so attached to the sea-urchin that no part of it is more than an inch above the face upon which the sea-urchin rests. Then, as the coralline could not have fixed itself, if the *Crania* had been covered up with chalk mud, and could not have lived had itself been so covered, it follows, that an inch of chalk mud could not have accumulated within the time between the death and decay of the soft parts of the sea-urchin and the growth of the coralline to the full size which it has attained. If the decay of the soft parts of the sea-urchin; the attachment, growth to maturity, and decay of the *Crania*; and the subsequent attachment and growth of the coralline, took a year (which is a low estimate enough),

the accumulation of the inch of chalk must have taken more than a year: and the deposit of a thousand feet of chalk must, consequently, have taken more than twelve thousand years.

The foundation of all this calculation is, of course, a knowledge of the length of time the *Crania* and the coralline needed to attain their full size; and, on this head, precise knowledge is at present wanting. But there are circumstances which tend to show, that nothing like an inch of chalk has accumulated during the life of a *Crania*; and, on any probable estimate of the length of that life, the chalk period must have had a much longer duration than that thus roughly assigned to it.

Thus, *not* only is it certain that the chalk is the mud of an ancient sea-bottom; but it is no less certain, that the chalk sea existed during an extremely long period, though we may not be prepared to give a precise estimate of the length of that period in years. The relative duration is clear, though the absolute duration may not be definable. The attempt to affix any precise date to the period at which the chalk sea began, or ended, its existence, is baffled by difficulties of the same kind. But the relative age of the cretaceous epoch may be determined with as great ease and certainty as the long duration of that epoch.

You will have heard of the interesting discoveries recently made, in various parts of Western Europe, of flint implements, obviously worked into shape by human hands, under circumstances which show conclusively that man is a very ancient denizen of these regions.

It has been proved that the old populations of Europe, whose existence has been revealed to us in this way, consisted of savages, such as the Esquimaux are now; that, in the country which is now France, they hunted the reindeer, and were familiar with the ways of the mammoth and the bison. The physical geography of France was in those days different from what it is now—the river Somme, for instance, having cut its bed a hundred feet deeper between that time and this; and, it is probable, that the climate was more like that of Canada or Siberia, than that of Western Europe.

The existence of these people is forgotten even in the traditions of the oldest historical nations. The name and fame of them had utterly vanished until a few years back; and the amount of physical change which has been effected since their day, renders it more than probable that, venerable as are some of the historical nations, the workers of the chipped flints of Hoxne or of Amiens are to them, as they are to us, in point of antiquity.

But, if we assign to these hoar relics of long-

vanished generations of men the greatest age that can possibly be claimed for them, they are not older than the drift, or boulder clay, which, in comparison with the chalk, is but a very juvenile deposit. You need go no further than your own sea-board for evidence of this fact. At one of the most charming spots on the coast of Norfolk, Cromer, you will see the boulder clay forming a vast mass, which lies upon the chalk, and must consequently have come into existence after it. Huge boulders of chalk are, in fact, included in the clay, and have evidently been brought to the position they now occupy, by the same agency as that which has planted blocks of syenite from Norway side by side with them.

The chalk, then, is certainly older than the boulder clay. If you ask how much, I will again take you no further than the same spot upon your own coasts for evidence. I have spoken of the boulder clay and drift as resting upon the chalk. That is not strictly true. Interposed between the chalk and the drift is a comparatively insignificant layer, containing vegetable matter. But that layer tells a wonderful history. It is full of stumps of trees standing as they grew. Fir-trees are there with their cones, and hazel-bushes with their nuts; there stand the stools of oak and yew trees, beeches and alders. Hence this stratum is appropriately called the "forest-bed."

It is obvious that the chalk must have been up-

heaved and converted into dry land, before the timber trees could grow upon it. As the bolls of some of these trees are from two to three feet in diameter, it is no less clear that the dry land thus formed remained in the same condition for long ages. And not only do the remains of stately oaks and well-grown firs testify to the duration of this condition of things, but additional evidence to the same effect is afforded by the abundant remains of elephants, rhinoceroses, hippopotamuses, and other great wild beasts, which it has yielded to the zealous search of such men as the Rev. Mr. Gunn.

When you look at such a collection as he has formed, and bethink you that these elephantine bones did veritably carry their owners about, and these great grinders crunch, in the dark woods of which the forest-bed is now the only trace, it is impossible not to feel that they are as good evidence of the lapse of time as the annual rings of the tree-stumps.

Thus there is a writing upon the wall of cliffs at Cromer, and whoso runs may read it. It tells us, with an authority which cannot be impeached, that the ancient sea-bed of the chalk sea was raised up, and remained dry land, until it was covered with forest, stocked with the great game whose spoils have rejoiced your geologists. How long it remained in that condition cannot be said; but "the whirligig of time brought its revenges" in those days as in these.

That dry land, with the bones and teeth of generations of long-lived elephants, hidden away among the gnarled roots and dry leaves of its ancient trees, sank gradually to the bottom of the icy sea, which covered it with huge masses of drift and boulder clay. Sea-beasts, such as the walrus, now restricted to the extreme north, paddled about where birds had twittered among the topmost twigs of the fir-trees. How long this state of things endured we know not, but at length it came to an end. The upheaved glacial mud hardened into the soil of modern Norfolk. Forests grew once more, the wolf and the beaver replaced the reindeer and the elephant; and at length what we call the history of England dawned.

Thus you have, within the limits of your own county, proof that the chalk can justly claim a very much greater antiquity than even the oldest physical traces of mankind. But we may go further and demonstrate, by evidence of the same authority as that which testifies to the existence of the father of men, that the chalk is vastly older than Adam himself.

The Book of Genesis informs us that Adam, immediately upon his creation, and before the appearance of Eve, was placed in the Garden of Eden. The problem of the geographical position of Eden has greatly vexed the spirits of the learned in such matters, but there is one point respecting which, so far

as I know, no commentator has ever raised a doubt. This is, that of the four rivers which are said to run out of it, Euphrates and Hiddekel are identical with the rivers now known by the names of Euphrates and Tigris.

But the whole country in which these mighty rivers take their origin, and through which they run, is composed of rocks which are either of the same age as the chalk, or of later date. So that the chalk must not only have been formed, but, after its formation, the time required for the deposit of these later rocks, and for their upheaval into dry land, must have elapsed, before the smallest brook which feeds the swift stream of "the great river, the river of Babylon," began to flow.

Thus, evidence which cannot be rebutted, and which need not be strengthened, though if time permitted I might indefinitely increase its quantity, compels you to believe that the earth, from the time of the chalk to the present day, has been the theatre of a series of changes as vast in their amount, as they were slow in their progress. The area on which we stand has been first sea and then land, for at least four alternations; and has remained in each of these conditions for a period of great length.

Nor have these wonderful metamorphoses of sea into land, and of land into sea, been confined to one

corner of England. During the chalk period, or "cretaceous epoch," not one of the present great physical features of the globe was in existence. Our great mountain ranges, Pyrenees, Alps, Himalayas, Andes, have all been upheaved since the chalk was deposited, and the cretaceous sea flowed over the sites of Sinai and Ararat.

All this is certain, because rocks of cretaceous, or still later, date have shared in the elevatory movements which gave rise to these mountain chains; and may be found perched up, in some cases, many thousand feet high upon their flanks. And evidence of equal cogency demonstrates that, though, in Norfolk, the forest-bed rests directly upon the chalk, yet it does so, not because the period at which the forest grew immediately followed that at which the chalk was formed, but because an immense lapse of time, represented elsewhere by thousands of feet of rock, is not indicated at Cromer.

I must ask you to believe that there is no less conclusive proof that a still more prolonged succession of similar changes occurred, before the chalk was deposited. Nor have we any reason to think that the first term in the series of these changes is known. The oldest sea-beds preserved to us are sands, and mud, and pebbles, the wear and tear of rocks which were formed in still older oceans.

But, great as is the magnitude of these physical

changes of the world, they have been accompanied by a no less striking series of modifications in its living inhabitants.

All the great classes of animals, beasts of the field, fowls of the air, creeping things, and things which dwell in the waters, flourished upon the globe long ages before the chalk was deposited. Very few, however, if any, of these ancient forms of animal life were identical with those which now live. Certainly not one of the higher animals was of the same species as any of those now in existence. The beasts of the field, in the days before the chalk, were not our beasts of the field, nor the fowls of the air such as those which the eye of men has seen flying, unless his antiquity dates infinitely further back than we at present surmise. If we could be carried back into those times, we should be as one suddenly set down in Australia before it was colonized. We should see mammals, birds, reptiles, fishes, insects, snails, and the like, clearly recognisable as such, and yet not one of them would be just the same as those with which we are familiar, and many would be extremely different.

From that time to the present, the population of the world has undergone slow and gradual, but incessant, changes. There has been no grand catastrophe—no destroyer has swept away the forms of life of one period, and replaced them by a totally

new creation; but one species has vanished and another has taken its place; creatures of one type of structure have diminished, those of another have increased, as time has passed on. And thus, while the differences between the living creatures of the time before the chalk and those of the present day appear startling, if placed side by side, we are led from one to the other by the most gradual progress, if we follow the course of Nature through the whole series of those relics of her operations which she has left behind.

And it is by the population of the chalk sea that the ancient and the modern inhabitants of the world are most completely connected. The groups which are dying out flourish, side by side, with the groups which are now the dominant forms of life.

Thus the chalk contains remains of those strange flying and swimming reptiles, the pterodactyl, the ichthyosaurus, and the plesiosaurus, which are found in no later deposits, but abounded in preceding ages. The chambered shells called ammonites and belemnites, which are so characteristic of the period preceding the cretaceous, in like manner die with it.

But, amongst these fading remainders of a previous state of things, are some very modern forms of life, looking like Yankee pedlars among a tribe of Red Indians. Crocodiles of modern type appear; bony fishes, many of them very similar to existing

species, almost supplant the forms of fish which predominate in more ancient seas; and many kinds of living shell-fish first become known to us in the chalk. The vegetation acquires a modern aspect. A few living animals are not even distinguishable as species, from those which existed at that remote epoch. The *Globigcrina* of the present day, for example, is not different specifically from that of the chalk; and the same may be said of many other *Foraminifera*. I think it probable that critical and unprejudiced examination will show that more than one species of much higher animals have had a similar longevity; but the only example which I can at present give confidently is the snake's-head lamp-shell (*Terebratulina caput serpentis*), which lives in our English seas and abounded (as *Terebratulina striata* of authors) in the chalk.

The longest line of human ancestry must hide its diminished head before the pedigree of this insignificant shell-fish. We Englishmen are proud to have an ancestor who was present at the Battle of Hastings. The ancestors of *Terebratulina caput serpentis* may have been present at a battle of *Ichthyosauria* in that part of the sea which, when the chalk was forming, flowed over the site of Hastings. While all around has changed, this *Terebratulina* has peacefully propagated its species from generation to generation, and stands to this day, as a living

testimony to the continuity of the present with the past history of the globe.

Up to this moment I have stated, so far as I know, nothing but well-authenticated facts, and the immediate conclusions which they force upon the mind.

But the mind is so constituted that it does not willingly rest in facts and immediate causes, but seeks always after a knowledge of the remoter links in the chain of causation.

Taking the many changes of any given spot of the earth's surface, from sea to land and from land to sea, as an established fact, we cannot refrain from asking ourselves how these changes have occurred. And when we have explained them—as they must be explained—by the alternate slow movements of elevation and depression which have affected the crust of the earth, we go still further back, and ask, Why these movements?

I am not certain that any one can give you a satisfactory answer to that question. Assuredly I cannot. All that can be said, for certain, is, that such movements are part of the ordinary course of nature, inasmuch as they are going on at the present time. Direct proof may be given, that some parts of the land of the northern hemisphere are at this moment insensibly rising and others insensibly sinking;

and there is indirect, but perfectly satisfactory, proof, that an enormous area now covered by the Pacific has been deepened thousands of feet, since the present inhabitants of that sea came into existence.

Thus there is not a shadow of a reason for believing that the physical changes of the globe, in past times, have been effected by other than natural causes.

Is there any more reason for believing that the concomitant modifications in the forms of the living inhabitants of the globe have been brought about in other ways?

Before attempting to answer this question, let us try to form a distinct mental picture of what has happened, in some special case.

The crocodiles are animals which, as a group, have a very vast antiquity. They abounded ages before the chalk was deposited; they throng the rivers in warm climates, at the present day. There is a difference in the form of the joints of the back-bone, and in some minor particulars, between the crocodiles of the present epoch and those which lived before the chalk; but, in the cretaceous epoch, as I have already mentioned, the crocodiles had assumed the modern type of structure. Notwithstanding this, the crocodiles of the chalk are not identically the same as those which lived in the times called "older

tertiary," which succeeded the cretaceous epoch; and the crocodiles of the older tertiaries are not identical with those of the newer tertiaries, nor are these identical with existing forms. I leave open the question whether particular species may have lived on from epoch to epoch. But each epoch has had its peculiar crocodiles; though all, since the chalk, have belonged to the modern type, and differ simply in their proportions, and in such structural particulars as are discernible only to trained eyes.

How is the existence of this long succession of different species of crocodiles to be accounted for?

Only two suppositions seem to be open to us— Either each species of crocodile has been specially created, or it has arisen out of some pre-existing form by the operation of natural causes.

Choose your hypothesis; I have chosen mine. I can find no warranty for believing in the distinct creation of a score of successive species of crocodiles in the course of countless ages of time. Science gives no countenance to such a wild fancy; nor can even the perverse ingenuity of a commentator pretend to discover this sense, in the simple words in which the writer of Genesis records the proceedings of the fifth and sixth days of the Creation.

On the other hand, I see no good reason for doubting the necessary alternative, that all these varied species have been evolved from pre-existing

crocodilian forms, by the operation of causes as completely a part of the common order of nature, as those which have effected the changes of the inorganic world.

Few will venture to affirm that the reasoning which applies to crocodiles loses its force among other animals, or among plants. If one series of species has come into existence by the operation of natural causes, it seems folly to deny that all may have arisen in the same way.

A small beginning has led us to a great ending. If I were to put the bit of chalk with which we started into the hot but obscure flame of burning hydrogen, it would presently shine like the sun. It seems to me that this physical metamorphosis is no false image of what has been the result of our subjecting it to a jet of fervent, though nowise brilliant, thought to-night. It has become luminous, and its clear rays, penetrating the abyss of the remote past, have brought within our ken some stages of the evolution of the earth. And in the shifting "without haste, but without rest" of the land and sea, as in the endless variation of the forms assumed by living beings, we have observed nothing but the natural product of the forces originally possessed by the substance of the universe.

II

HERBERT SPENCER

1820-1903

Herbert Spencer was the philosophic interpreter of biological evolution. In his *Synthetic Philosophy* (ten large volumes) he made clear to an eager, even if somewhat gullible public, the significance of the new scientific discoveries in terms of social experience and expedience.

The vogue of Spencer in the late decades of the nineteenth century was enormous. Our inquiring fathers read him extensively; they subscribed to his books in advance; they acclaimed him scientist and philosopher. Yet if the recognition was world-wide, the glory was short. The *Synthetic Philosophy* is now all but forgotten. The stately volumes in which it is enshrined gather dust in our libraries and Herbert Spencer, their author, is now neither a guide to our feet nor a lamp to our path.

Curiously enough, as the philosopher of evolution lost in influence and authority, the evolutionary theory which he championed has been rendered more secure than ever. Physical sciences, held by him the golden key to knowledge, have suffered no reverses in popularity; why then should their advocate be no longer honored?

The reason is not that Spencer's work has been superseded. It lies rather in the fact that Spencer's task was too tremendous and too complicated. He set himself to co-

ordinate and explain all knowledge, not only that of ages past but of his own day and generation. A man of philosophic breadth of vision and scientific training might, perhaps, in 1928 coördinate the scientific data of 1850. But a man of 1850 could not well coördinate the science of 1850. Before his generalizations could be completed new discoveries would have made them valueless. No architect can plan a house with constantly changing foundations and materials. Yet this is what Spencer tried to do. He recognized, as many another, that all science is correlated. He knew how to think clearly and to argue logically. His mind roamed freely over every field of human activity and natural phenomena. He was interested in solar heat, in poor laws, in Tasmanian savages, in railway construction, in protozoa, and in the causes of the Boer War. His mind consumed facts as a horse does oats. He thought and wrote and dictated with feverish activity. But always, before book number two was written, book number one was out of date.

The early years of Spencer's life gave little indication of coming greatness. A stubborn and refractory boy, he made only slight use of such meagre educational advantages as a lower middle class environment offered. He disliked the classics and refused to study them; he ran away from school, idled for a while over certain miscellaneous studies, showed some aptitude for modelling and the use of his hands, and then, for nine years, he served as engineer on the Birmingham and London Railway. This job he abandoned for journalism, becoming sub-editor of *The Pilot*, a non-conformist organ of radical tendencies. His religious enthusiasms soon gave way to social interests. He attached himself to the staff of *The Economist*, wrote a number of articles for *The Westminster Review* on contemporary problems, and in 1850 published his first book, *Social Statics*.

This book won wide recognition. Within it may be found a logical yet most emphatic defense of those laissez-faire doc-

trines of life, then held dear by the newly triumphant business classes. To this fact may be ascribed its instant success. To Spencer there was no middle ground. An advocate of intense individualism, this book expressed his political beliefs. He is against socialism in general and state interference in particular, in church, and school, and poor law. His book is terse, logical, convincing. Presenting as it does clear and polemic reasons for prejudices and points of view held somewhat hazily, it found ready readers on both sides of the Atlantic.

Spencer now became greatly interested in natural science. A friend of Huxley's, he took lodgings near that famous man that he might walk frequently with him. George Eliot was also enrolled among his new friends. The self-contained yet lonely bachelor had discovered a new world.

To him, one principle seemed to underlie its very being—evolution. The law of evolution he defined as "an integration of matter and concomitant dissipation of motion, during which the matter passes from an indefinite incoherent homogeneity to a definite coherent heterogeneity, and during which the retained motion undergoes a parallel transformation." Here was the formula which explained all existence, organic as well as inorganic, all human experience from savage man to his fellow members of the Athenaeum Club.

To prove that this was so required time and money; and of the latter Spencer had none. Undaunted, he proposed to sell his books before writing them. In 1860, by publishing a syllabus of what he intended to do, several thousand dollars were obtained in England and America. The money was to be paid in installments, the published work to be delivered from time to time as the philosopher was able to provide it.

In 1862 appeared Spencer's *First Principles*, then followed his *Principles of Biology*, his *Principles of Sociology*, and his *Principles of Ethics*. These books, each in two volumes, added to his *Principles of Psychology*, also in two volumes,

written earlier but revamped, comprise the famous *Synthetic Philosophy* of Herbert Spencer.

The author of these books has been described by William James as "a figure unique for quaint consistency." No man ever lived like Herbert Spencer, a recluse yet sociable; a great thinker, yet a most casual reader; a man modest and retiring, yet assertive and quarrelsome. Spencer was, indeed, unique.

All his life he suffered from intense nervousness. Insomnia and pains in the head troubled him constantly. What was probably an easily cured form of eye-strain our philosopher was convinced resulted from "some defect of the blood in the brain." In consequence, Spencer could read little. He never read anything at all, the general tenor of which seemed at the beginning opposed to his ideas. He wrote incessantly, or dictated to a secretary, while on a walk or while rowing a boat. His life was methodical to madness. It was spent largely at the Athenaeum Club, or in the open country seeking in vain for a restoration of health. Conversation was highly prized by Spencer, so also skating, billiards, and fishing. But more than anything else he enjoyed thinking.

To have more time to do this he declined all honors. Pomp and ceremony he detested. The great of the earth were unimportant to Spencer. His reply to an invitation to meet the Tsar was characteristic. "Mr. Spencer feels that to make himself a solitary example [he had no court uniform] in so complete a manner and on such an occasion would be even more repugnant to him than conformity itself." To live his own life as he chose was his principal desire. In this respect few men have ever equalled him.

The character of Spencer's thinking was rigorous and honest. Said Huxley of him: "if Spencer ever wrote a tragedy it would be the slaying of a beautiful deduction by an ugly fact." Yet Spencer never avoided facts. He was an

honest philosopher, and took cognisance of all that came within his ken. What was more, he employed helpers to seek out and classify more facts. His books are a storehouse of them.

Neither the quality of Spencer's thinking nor the character of his facts explain the comparative disrepute into which he has fallen. He fell unfortunately between two stools: he was not sufficiently scientific for the scientists nor sufficiently philosophic for the philosophers. He was not a specialist in anything, and to him a speculation assumed all the dignity of a demonstration. For the scientist both these circumstances condemn him. On the other hand the philosophers find him ambiguous and vague. They consider that he has no full understanding of the abstract words which he uses; they hold his explanations too mechanical; they are distressed by his cock-sure application to the universe at large of an impossible formula.

But if Spencer was not a great philosopher he seemingly brought philosophy several degrees closer to the earth. He made us ponder on the origins of religion by his ghost theory; he taught us that history offered possibilities for the discovery of laws which govern human conduct; he renewed our faith in the potentialities of individual freedom; and what is more important: he led many to believe that for all life there is some common clue or explanation.

He failed to find it, as have others. But his search, at any rate, took him into broad and verdant pastures newly opened by the scientists. He gave to philosophy the common touch which it so sadly needed. And if he tried to do that which was impossible, in one respect his books are noteworthy. "To him we owe the best synthesis of his times."

IS THERE A SOCIAL SCIENCE ? *

Almost every autumn may be heard the remark that a hard winter is coming, for that the hips and haws are abundant: the implied belief being that God, intending to send much frost and snow, has provided a large store of food for the birds. Interpretations of this kind, tacit or avowed, prevail widely. Not many weeks since, one who had received the usual amount of culture said in my hearing, that the swarm of lady-birds which overspread the country some summers ago, had been providentially designed to save the crop of hops from the destroying aphides. Of course this theory of the divine government, here applied to occurrences bearing but indirectly, if at all, on human welfare, is applied with still greater confidence to occurrences that directly affect us, individually and socially. It is a theory carried out with logical consistency by the Methodist who, before going on a journey or removing to another house, opens his Bible, and in the

* From *The Study of Sociology* (D. Appleton and Company, New York, 1896), Chapter I I.

first passage his eye rests upon, finds an intimation of approval or disapproval from heaven. And in its political applications it yields such appropriate beliefs as that the welfare of England in comparison with Continental States, has been a reward for better observance of the Sunday, or that invasion of cholera was consequent on the omission of *Dei gratia* from an issue of coins.

The interpretation of historical events in general after this same method, accompanies such interpretations of ordinary passing events; and, indeed, outlives them. Those to whom the natural genesis of simpler phenomena has been made manifest by increasing knowledge, still believe in the supernatural genesis of phenomena that are very much involved, and cannot have their causes readily traced. The form of mind which, in an official despatch, prompts the statement that "it has pleased Almighty God to vouchsafe to the British arms the most successful issue to the extensive combinations rendered necessary for the purpose of effecting the passage of the Chenaub,"¹ is a form of mind which, in the records of the past, everywhere sees interpositions of the Deity to bring about results that appear to the interpreter the most desirable. Thus, for example, Mr. Schomberg writes:—

¹ Daily paper, January 22, 1849.

"It seemed good to the All-beneficent Disposer of human events, to overrule every obstacle; and through His instrument, William of Normandy, to expurgate the evils of the land; and to resuscitate its dying powers."²

And elsewhere:—

"The time had now arrived when the Almighty Governor, after having severely punished the whole nation, was intending to raise its drooping head—to give a more rapid impulse to its prosperity, and to cause it to stand forth more prominently as an EXEMPLAR STATE. For this end, He raised up an individual eminently fitted for the intended work" [Henry VII.].⁸

And again:—

"As if to mark this epoch of history with greater distinctness, it was closed by the death of George III., the GREAT and the GOOD, who had been raised up as the grand instrument of its accomplishment."⁴

The late catastrophes on the Continent are similarly explained by a French writer who, like the English writer just quoted, professes to have looked behind the veil of things; and who tells us what have been the intentions of God in chastising his chosen people, the French. For it is to be observed in pass-

² *The Theocratic Philosophy of English History*, vol. i. p. 49.

³ *Ibid.*, vol. i. p. 289.

⁴ *Ibid.*, vol. ii. p. 681.

Ing that, just as the evangelicals among ourselves think we are divinely blessed because we have preserved the purity of the faith, so it is obvious to the author of *La Main de l'Homme et le Doigt de Dieu*, as to other Frenchmen, that France is hereafter still to be, as it has hitherto been, the leader of the world. This writer, in chapters entitled "Causes providentielles de nos malheurs," "Les Prussiens et les fléaux de Dieu," and "Justification de la Providence," carries out his interpretations in ways we need not here follow, and then closes his "Epilogue" with these sentences:—

* * * * * * *

"Fellow Frenchmen and Christians! Pray and work and have confidence—we are almost at the end! When everything appears lost then all will really be saved.

"If France had profited by her disasters, then God would have shown her favor. Obstinate she remained, sunk in error and wickedness. Only believe that God will save her in spite of herself, and many times will redeem her by fire and by water. When humanity seems impotent, then will God declare himself. But what errors, what agonies! Happy will be those who will survive them and who will rejoice in the triumph of God and his holy Church, Catholic, Apostolic and Roman."⁵

⁵ Translated from *La Main de l'Homme et le Doigt de Dieu dans les Malheurs de la France*, Par. J, C, Ex-Aumonier dans l'armée auxiliaire. Paris, Douniol & Cie., 1871.

Conceptions of this kind are not limited to historians whose names have dropped out of remembrance, and to men who, while the drama of contemporary revolution is going on, play the part of a Greek chorus, telling the world of spectators what has been the divine purpose and what are the divine intentions; but we have lately had a Professor of History setting forth conceptions essentially identical in nature. Here are his words:—

"And now, gentlemen, was this vast campaign [of Teutons against Romans] fought without a general? If Trafalgar could not be won without the mind of a Nelson, or Waterloo without the mind of a Wellington, was there no one mind to lead those innumerable armies on whose success depended the future of the whole human race? Did no one marshal them in that impregnable convex front, from the Euxine to the North Sea? No one guide them to the two great strategic centres of the Black Forest and Trieste? No one cause them, blind barbarians without maps or science, to follow those rules of war without which victory in a protracted struggle is impossible; and by the pressure of the Huns behind, force on their flagging myriads to an enterprise which their simplicity fancied at first beyond the powers of mortal men? Believe it who will: but I cannot. I may be told that they gravitated into their places, as stones and mud do. Be it so. They obeyed natural laws of course, as all things do on earth, when they obeyed the laws of war: those, too, are natural laws, explicable on simple mathematical principles. But while I believe that not a stone or a handful of mud gravitates into its place without the will of God; that it was ordained, ages since, into what particular spot each grain of gold should be washed down from an

Australian quartz reef, that a certain man might find it at a certain moment and crisis of his life;—if I be superstitious enough (as thank God, I am) to hold that creed, shall I not believe that, though this great war had no general upon earth, it may have had a general in heaven? and that, in spite of all their sins, the hosts of our forefathers were the hosts of God."⁶

It does not concern us here to seek a reconciliation of the incongruous ideas bracketed together in this paragraph—to ask how the results of gravitation, which acts with such uniformity that under given conditions its effect is calculable with certainty, can at the same time be regarded as the results of will, which we class apart because, as known by our experience, it is comparatively irregular; or to ask how, if the course of human affairs is divinely predetermined just as material changes are, any distinction is to be drawn between that prevision of material changes which constitutes physical science and historical prevision: the reader may be left to evolve the obvious conclusion that either the current idea of physical causation has to be abandoned, or the current idea of will has to be abandoned. All which I need call attention to as indicating the general character of such interpretations, is the remarkable title of the chapter containing this passage—"The Strategy of Providence."

⁶ *The Roman and the Teuton*, pp. 339-40, [by Charles Kingsley, Professor of Modern History at Cambridge, 1860-1869. Eds.].

In common with some others, I have often wondered how the Universe looks to those who use such names for its Cause as "The Master Builder," or "The Great Artificer," and who seem to think that the Cause of the Universe is made more marvellous by comparing its operations to those of a skilled mechanic. But really the expression, "Strategy of Providence," reveals a conception of this cause which is in some respects more puzzling. Such a title as "The Great Artificer," while suggesting simply the process of shaping a pre-existing material, and leaving the question whence this material came untouched, may at any rate be said not to negative the assumption that the material is created by "The Great Artificer" who shapes it. The phrase, "Strategy of Providence," however, necessarily implies difficulties to be overcome. The Divine Strategist must have a skilful antagonist to make strategy possible. So that we are inevitably introduced to the conception of a Cause of the Universe continually impeded by some independent cause which has to be outgeneralled. It is not every one who would thank God for a belief, the implication of which is that God is obliged to overcome opposition by subtle devices.

The disguises which piety puts on are, indeed, not unfrequently suggestive of that which some would describe by a quite opposite name. To study

the Universe as it is manifested to us; to ascertain by patient observation the order of the manifestations; to discover that the manifestations are connected with one another after a regular way in Time and Space; and, after repeated failures, to give up as futile the attempt to understand the Power manifested; is condemned as irreligious. And meanwhile the character of religious is claimed by those who figure to themselves a Creator moved by motives like their own; who conceive themselves as discovering his designs; and who even speak of him as though he laid plans to outwit the Devil!

This, however, by the way. The foregoing extracts and comments are intended to indicate the mental attitude of those for whom there can be no such thing as Sociology, properly so called. That mode of conceiving human affairs which is implied alike by the "D. V." of a missionary-meeting placard and by the phrases of Emperor William's late despatches, where thanks to God come next to enumerations of the thousands slain, is one to which the idea of a Social Science is entirely alien, and indeed repugnant.

An allied class, equally unprepared to interpret sociological phenomena scientifically, is the class which sees in the course of civilization little else **than a record of remarkable persons and their do-**

ings. One who is conspicuous as the exponent of this view writes:—"As I take it, universal history, the history of what man has accomplished in this world, is at bottom the history of the great men who have worked here." And this, not perhaps distinctly formulated, but everywhere implied, is the belief in which nearly all are brought up. Let us glance at the genesis of it.

Round their camp-fire assembled savages tell the events of the day's chase; and he among them who has done some feat of skill or agility is duly lauded. On a return from the war-path, the sagacity of the chief and the strength or courage of this or that warrior, are the all-absorbing themes. When the day, or the immediate past, affords no remarkable deed, the topic is the achievement of some noted leader lately dead, or some traditional founder of the tribe: accompanied, it may be, with a dance dramatically representing those victories which the chant recites. Such narratives, concerning, as they do, the prosperity and indeed the very existence of the tribe, are of the intensest interest; and in them we have the common root of music, of the drama, of poetry, of biography, of history, and of literature in general. Savage life furnishes little else worthy of note; and the chronicles of tribes contain scarcely anything more to be remembered. Early historic races show us the same thing. The Egyptian frescoes

and the wall-sculptures of the Assyrians, represent the deeds of leading men; and inscriptions such as that on the Moabite stone, tell of nothing more than royal achievements; only by implication do these records, pictorial, hieroglyphic, or written, convey anything else. And similarly from the Greek epics, though we gather incidentally that there were towns, and war-vessels, and war-chariots, and sailors, and soldiers to be led and slain, yet the direct intention is to set forth the triumphs of Achilles, the prowess of Ajax, the wisdom of Ulysses, and the like. The lessons given to every civilized child tacitly imply, like the traditions of the uncivilized and semi-civilized, that throughout the past of the human race, the doings of conspicuous persons have been the only things worthy of remembrance. How Abraham girded up his loins and gat him to this place or that; how Samuel conveyed divine injunctions which Saul disobeyed; how David recounted his adventures as a shepherd, and was reproached for his misdeeds as a king—these, and personalities akin to these, are the facts about which the juvenile reader of the Bible is interested and respecting which he is catechized: such indications of Jewish institutions as have unavoidably got into the narrative, being regarded neither by him nor by his teacher as of moment. So too, when, with hands behind him, he stands to say his lesson out of *Pinnock*, we see that

the things set down for him to learn, are—when and by whom England was invaded, what rulers opposed the invasions and how they were killed, what Alfred did and what Canute said, who fought at Agincourt and who conquered at Flodden, which king abdicated and which usurped, &c.; and if by some chance it *comes* out that there were serfs in those days, that barons were local rulers, some vassals of others, that subordination of them to a central power took place gradually, these are facts treated as relatively unimportant. Nay, the like happens when the boy passes into the hands of his classical master, at home or elsewhere. "Arms and the man" form the end of the story as they form its beginning. After the mythology, which of course is all-essential, come the achievements of rulers and soldiers from Agamemnon down to Caesar: what knowledge is gained of social organization, manners, ideas, morals, being little more than the biographical statements involve. And the value of the knowledge is so ranked that while it would be a disgrace to be wrong about the amours of Zeus, and his inability to name the commander of Marathon would be discreditable, it is excusable to know nothing of the social condition that preceded Lycurgus or of the origin and functions of Areopagus.

Thus the great-man-theory of History finds everywhere a ready-prepared conception—is, indeed, but

the definite expression of that which is latent in the thoughts of the savage, tacitly asserted in all early traditions, and taught to every child by multitudinous illustrations. The glad acceptance it meets with has sundry more special causes. There is, first, this universal love of personalities, which, active in the aboriginal man, dominates still—a love seen in the urchin who asks you to tell him a story, meaning, thereby, somebody's adventures; a love gratified in adults by police-reports, court-news, divorce-cases, accounts of accidents and lists of births, marriages, and deaths; a love displayed even by conversations in the streets where fragments of dialogue, heard in passing, show that mostly between men, and always between women, the personal pronouns recur every instant. If you want roughly to estimate any one's mental calibre, you cannot do it better than by observing a ratio of generalities to personalities in his talk—how far simple truths about individuals are replaced by truths abstracted from numerous experiences of men and things. And when you have thus measured many, you find but a scattered few likely to take anything more than a biographical view of human affairs. In the second place, this great-man-theory commends itself as promising instruction along with amusement. Being already fond of hearing about people's sayings and doings, it is pleasant news that, to understand the course of civ-

ilization, you have only to read diligently the lives of distinguished men. What can be a more acceptable doctrine than that while you are satisfying an instinct not very remotely allied to that of the village gossip—while you are receiving through print instead of orally, remarkable facts concerning notable persons, you are gaining that knowledge which will make clear to you why things have happened thus or thus in the world, and will prepare you for forming a right opinion on each question coming before you as a citizen. And then, in the third place, the interpretation of things thus given is so beautifully simple—seems so easy to comprehend. Providing you are content with conceptions that are out of focus, as most people's conceptions are, the solutions it yields appear quite satisfactory. Just as that theory of the Solar System which supposes the planets to have been launched into their orbits by the hand of the Almighty, looks feasible so long as you do not insist on knowing exactly what is meant by the hand of the Almighty; and just as the special creation of plants and animals seems a tenable hypothesis until you try and picture to yourself definitely the process by which one of them is brought into existence; so the genesis of societies by the actions of great men, may be comfortably believed so long as, resting in general notions, you do not ask for particulars.

But now, if, dissatisfied with vagueness, we demand that our ideas shall be brought into focus and exactly defined, we discover the hypothesis to be utterly incoherent. If, not stopping at the explanation of social progress as due to the great man, we go back a step and ask whence comes the great man, we find that the theory breaks down completely. The question has two conceivable answers: his origin is supernatural, or it is natural. Is his origin supernatural? Then he is a deputy-god, and we have Theocracy once removed—or, rather, not removed at all; for we must then agree with Mr. Schomberg, quoted above, that "the determination of Caesar to invade Britain" was divinely inspired, and that from him, down to "George III. the GREAT and the GOOD," the successive rulers were appointed to carry out successive designs. Is this an unacceptable solution? Then the origin of the great man is natural; and immediately this is recognized he must be classed with all other phenomena in the society that gave him birth, as a product of its antecedents. Along with the whole generation of which he forms a minute part—along with its institutions, language, knowledge, manners, and its multitudinous arts and appliances, he is a resultant of an enormous aggregate of forces that have been co-operating for ages. True, if you please to ignore all that common observation, verified by physiology, teaches—if you as-

sume that two European parents may produce a Negro child, or that from woolly-haired prognathous Papuans may come a fair, straight-haired infant of Caucasian type—you may assume that the advent of the great man can occur anywhere and under any conditions. If, disregarding those accumulated results of experience which current proverbs and the generalizations of psychologists alike express, you suppose that a Newton might be born in a Hot-tentot family, that a Milton might spring up among the Andamanese, that a Howard or a Clarkson might have Fiji parents, then you may proceed with facility to explain social progress as caused by the actions of the great man. But if all biological science, enforcing all popular belief, convinces you that by no possibility will an Aristotle come from a father and mother with facial angles of fifty degrees, and that out of a tribe of cannibals, whose chorus in preparation for a feast of human flesh is a kind of rhythmical roaring, there is not the remotest chance of a Beethoven arising; then you must admit that the genesis of the great man depends on the long series of complex influences which has produced the race in which he appears, and the social state into which that race has slowly grown. If it be a fact that the great man may modify his nation in its structure and actions, it is also a fact that there must have been those antecedent modifications constitut-

ing national progress before he could be evolved. Before he can re-make his society, his society must make him. So that all those changes of which he is the proximate initiator have their chief causes in the generations he descended from. If there is to be anything like a real explanation of these changes, it must be sought in that aggregate of conditions out of which both he and they have arisen.

Even were we to grant the absurd supposition that the genesis of the great man does not depend on the antecedents furnished by the society he is born in, there would still be the quite-sufficient facts that he is powerless in the absence of the material and mental accumulations which his society inherits from the past, and that he is powerless in the absence of the co-existing population, character, intelligence, and social arrangements. Given a Shakespeare, and what dramas could he have written without the multitudinous traditions of civilized life—without the various experiences which, descending to him from the past, gave wealth to his thought, and without the language which a hundred generations had developed and enriched by use? Suppose a Watt, with all his inventive power, living in a tribe ignorant of iron, or a tribe that could get only as much iron as a fire blown by hand-bellows will smelt; or suppose him born among ourselves before lathes existed; what chance would there have been

of the steam-engine? Imagine a Laplace unaided by that slowly-developed system of Mathematics which we trace back to its beginnings among the Egyptians; how far would he have got with the *Mécanique Céleste*? Nay, the like questions may be put and have like answers, even if we limit ourselves to those classes of great men on whose doings hero-worshippers more particularly dwell—the rulers and generals. Xenophon could not have achieved his celebrated feat had his Ten Thousand been feeble, or cowardly, or insubordinate. Caesar would never have made his conquests without disciplined troops, inheriting their *prestige* and tactics and organization from the Romans who lived before them. And to take a recent instance, the strategical genius of Moltke would have triumphed in no great campaigns had there not been a nation of some forty millions to supply soldiers, and had not those soldiers been men of strong bodies, sturdy characters, obedient natures, and capable of carrying out orders intelligently.

Were any one to marvel over the potency of a grain of detonating powder which explodes a cannon, propels the shell, and sinks a vessel hit—were he to enlarge on the transcendent virtues of this detonating powder, not mentioning the ignited charge, the shell, the cannon, and all that enormous aggregate of appliances by which these have severally

been produced, detonating powder included; we should not regard his interpretation as very rational. But it would fairly compare in rationality with this interpretation of social phenomena which, dwelling on the important changes the great man works, ignores that vast pre-existing supply of latent power he unlocks, and that immeasurable accumulation of antecedents to which both he and this power are due.

Recognizing what truth there is in the great-man-theory, we may say that, if limited to early societies, the histories of which are little else than endeavours to destroy or subjugate one another, it approximately expresses the fact in representing the capable leader as all-important; though even here it leaves out of sight too much the number and the quality of his followers. But its immense error lies in the assumption that what was once true is true for ever; and that a relation of ruler and ruled which was possible and good at one time is possible and good for all time. Just as fast as this predatory activity of early tribes diminishes, just as fast as larger aggregates are formed by conquest or otherwise, just as fast as war ceases to be the business of the whole male population, so fast do societies begin to develop, to show traces of structures and functions not before possible, to acquire increasing complexity along with increasing size, to give origin to

new activities, new ideas, sentiments, and habits: all of which unobtrusively make their appearance without the thought of any king or legislator. And if you wish to understand these phenomena of social evolution, you will not do it though you should read yourself blind over the biographies of all the great rulers on record, down to Frederick the Greedy and Napoleon the Treacherous.

In addition to that passive denial of a Social Science implied by these two allied doctrines, one or other of which is held by nine men out of ten, there comes from some an active denial of it—either entire or partial. Reasons are given for the belief that no such thing is possible. The invalidity of these reasons can be shown only after the essential nature of Social Science, overlooked by those who give them, has been pointed out; and to point this out here would be to forestall the argument. Some minor criticisms may, however, fitly precede the major criticism. Let us consider first the positions taken up by Mr. Froude:—

"When natural causes are liable to be set aside and neutralized by what is called volition, the word Science is out of place. If it is free to a man to choose what he will do or not do, there is no adequate science of him. If there is a science of him, there is no free choice, and the praise or

blame with which we regard one another are impertinent and out of place." ⁷

"It is in this marvellous power in men to do wrong . . . that the impossibility stands of forming scientific calculations of what men will do before the fact, or scientific explanations of what they have done after the fact." ⁸

"Mr. Buckle would deliver himself from the eccentricities of this and that individual by a doctrine of averages. . . . Unfortunately the average of one generation need not be the average of the next: . . . no two generations are alike." ⁹

"There [in history] the phenomena never repeat themselves. There we are dependent wholly on the record of things said to have happened once, but which never happen or can happen a second time. There no experiment is possible; we can watch for no recurring fact to test the worth of our conjectures." ¹⁰

Here Mr. Froude changes the venue, and joins issue on the old battle-ground of free will *versus* necessity: declaring a Social Science to be incompatible with free will. The first extract implies, not simply that individual volition is incalculable—that "there is no adequate science of" man (no Science of Psychology) ; but it also asserts, by implication, that there are no causal relations among his states of mind: the volition by which "natural causes are liable to be set aside," being put in antithesis to natural, must be supernatural. Hence we are, in fact,

⁷ *Short Studies on Great Subjects*, vol. i. p. 11.

⁸ *Ibid.*, vol. i. p. 22.

⁹ *Ibid.*, vol. i. p. 24.

¹⁰ *Ibid.*, vol. i. p. 15.

carried back to that primitive form of interpretation contemplated at the outset. A further comment is, that because volitions of some kind cannot be foreseen, Mr. Froude argues as though no volitions can be foreseen: ignoring the fact that the simple volitions determining ordinary conduct, are so regular that prevision having a high degree of probability is easy. If, in crossing a street, a man sees a carriage coming upon him, you may safely assert that, in nine hundred and ninety-nine cases out of a thousand, he will try to get out of the way. If, being pressed to catch a train, he knows that by one route it is a mile to the station and by another two miles, you may conclude with considerable confidence that he will take the one-mile route; and should he be aware that losing the train will lose him a fortune, it is pretty certain that, if he has but ten minutes to do the mile in, he will either run or call a cab. If he can buy next door a commodity of daily consumption better and cheaper than at the other end of the town, we may affirm that, if he does not buy next door, some special relation between him and the remoter shop-keeper furnishes a strong reason for taking a worse commodity at greater cost of money and trouble. And though, if he has an estate to dispose of, it is within the limits of possibility that he will sell it to A for £1,000, though B has offered £2,000 for it; yet the unusual motives leading to

such an act need scarcely be taken into account as qualifying the generalization that a man will sell to the highest bidder. Now, since the predominant activities of citizens are determined by motives of this degree of regularity, there must be resulting social phenomena that have corresponding degrees of regularity—greater degrees, indeed, since in them the effects of exceptional motives become lost in the effects of the aggregate of ordinary motives. Another comment may be added. Mr. Froude exaggerates the antithesis he draws by using a conception of science which is too narrow; he speaks as though there were no science but exact science. Scientific previsions, both qualitative and quantitative, have various degrees of definiteness; and because among certain classes of phenomena the previsions are approximate only, it is not, therefore, to be said that there is no science of those phenomena: if there is *some* prevision, there is *some* science. Take, for example, Meteorology. The Derby has been run in a snow-storm, and you may occasionally want a fire in July; but such anomalies do not prevent us from being perfectly certain that the coming summer will be warmer than the past winter. Our south-westerly gales in the autumn may come early or may come late, may be violent or moderate, at one time or at intervals; but that there will be an excess of wind from the south-west at that part of the year we may

be sure. The like holds with the relations of rain and dry weather to the quantity of water in the air and the weight of the atmospheric column: though exactly-true predictions cannot be made, approximately-true ones can. So that, even were there not among social phenomena more definite relations than these (and the all-important ones are far more definite), there would still be a Social Science. Once more, Mr. Froude contends that the facts presented in history do not furnish subject-matter for science, because they "never repeat themselves,"—because "we can watch for no recurring fact to test the worth of our conjectures." I will not meet this assertion by the counter-assertion often made, that historic phenomena *do* repeat themselves; but, admitting that Mr. Froude here touches on one of the great difficulties of the Social Science (that social phenomena are in so considerable a degree different in each case from what they were in preceding cases), I still find a sufficient reply. For in no concrete science is there absolute repetition; and in some concrete sciences the repetition is no more specific than in Sociology. Even in the most exact of them, Astronomy, the combinations are never the same twice over; the repetitions are but approximate. And on turning to Geology, we find that, though the processes of denudation, deposition, upheaval, subsidence, have been ever going on in conformity with laws

more or less clearly generalized, the effects have been always new in their proportions and arrangements; though not so completely new as to forbid comparisons, consequent deductions, and approximate provisions based on them.

Were there no such replies as these to Mr. Froude's reasons, there would still be the reply furnished by his own interpretations of history; which make it clear that his denial must be understood as but a qualified one. Against his professed theory may be set his actual practice, which, as it seems to me, tacitly asserts that explanations of some social phenomena in terms of cause and effect are possible, if not explanations of all social phenomena. Thus, respecting the Vagrancy Act of 1547, which made a slave of a confirmed vagrant, Mr. Froude says:—"In the condition of things which was now commencing . . . neither this nor any other penal act against idleness could be practically enforced."¹¹ That is to say, the operation of an agency brought into play was neutralized by the operation of natural causes coexisting. Again, respecting the enclosure of commons and amalgamation of farms, &c, Mr. Froude writes:—"Under the late reign these tendencies had, with great difficulty, been held partially in check, but on the death of Henry they acquired new force

¹¹ *History of England*, vol. v. p. 70.

and activity." ¹² Or, in other words, certain social forces previously antagonized by certain other forces, produced their natural effects when the antagonism ceased. Yet again, Mr. Froude explains that, "unhappily, two causes [debased currency and an alteration of the farming system] were operating to produce the rise of prices." ¹³ And throughout Mr. Froude's *History of England* there are, I need scarcely say, other cases in which he ascribes social changes to causes rooted in human nature. Moreover, in his lecture on *The Science of History*, there is a distinct enunciation of "one lesson of History;" namely that "the moral law is written on the tablets of eternity. . . . Justice and truth alone endure and live. Injustice and falsehood may be long-lived, but doomsday comes at last to them, in French revolutions and other terrible ways." And elsewhere he says that "the miseries and horrors which are now destroying the Chinese Empire are the direct and organic results of the moral profligacy of its inhabitants." ¹⁴ Each of these statements tacitly asserts that certain social relations, and actions of certain kinds, are inevitably beneficial, and others inevitably detrimental—an historic induction furnish-

¹²*Ibid.*, v. p. 108.

¹³*Ibid.*, vol. v. p. 109.

¹⁴*Short Studies on Great Subjects*, p. 59.

ing a basis for positive deduction. So that we must not interpret Mr. Froude too literally when he alleges the "impossibility of forming scientific calculations of what men will do before the fact, or scientific explanations of what they have done after the fact"

Another writer who denies the possibility of a Social Science, or who, at any rate, admits it only as a science which has its relations of phenomena so traversed by providential influences that it does not come within the proper definition of a science, is Canon Kingsley. In his address on *The Limits of Exact Science as applied to History*, he says:—

"You say that as the laws of matter are inevitable, so probably are the laws of human life? Be it so; but in what sense are the laws of matter inevitable? Potentially or actually? Even in the seemingly most uniform and universal law, where do we find the inevitable or the irresistible? Is there not in nature a perpetual competition of law against law, force against force, producing the most endless and unexpected variety of results? Cannot each law be interfered with at any moment by some other law, so that the first law, though it may struggle for the mastery, shall be for an indefinite time utterly defeated? The law of gravity is immutable enough: but do all stones veritably fall to the ground? Certainly not, if I choose to catch one, and keep it in my hand. It remains there by laws; and the law of gravity is there, too, making it feel heavy in my hand: but it has not fallen to the ground and will not, till I let it. So much

for the inevitable action of the laws of gravity, as of others. Potentially, it is immutable; but actually, it can be conquered by other laws."¹⁵

This passage, severely criticized, if I remember rightly, when the address was originally published, it would be scarcely fair to quote were it not that Canon Kingsley has repeated it at a later date in his work, *The Roman and the Teuton*. The very unusual renderings of scientific ideas which it contains, need here be only enumerated. Mr. Kingsley differs profoundly from philosophers and men of science, in regarding a law as itself a power or force, and so in thinking of one law as "conquered by other laws;" whereas the accepted conception of law is that of an established *order*, to which the manifestations of a power or force conform. He enunciates, too, a quite-exceptional view of gravitation. As conceived by astronomers and physicists, gravitation is a universal and ever-acting *force*, which portions of matter exercise on one another when at sensible distances; and the *law* of this force is that it varies directly as the mass and inversely as the square of the distance. Mr. Kingsley's view, is that the law of gravitation is "defeated" if a stone is prevented from falling to the ground—that the law "struggles" (not the force), and that because it no longer produces mo-

¹⁵ *The Limits of Exact Science as applied to History*, p. 20.

tion, the "inevitable action of the laws of gravity" (not of gravity) is suspended: the truth being that neither the force nor its laws is in the slightest degree modified. Further, the theory of natural processes which Mr. Kingsley has arrived at, seems to be that when two or more forces (or laws, if he prefers it) come into play, there is a partial or complete suspension of one by another. Whereas the doctrine held by men of science is, that the forces are all in full operation, and the effect is their *resultant*; so that, for example, when a shot is fired horizontally from a cannon, the force impressed on it produces in a given time just the same amount of horizontal motion as though gravity were absent, while gravity produces in that same time a fall just equal to that which it would have produced had the shot been dropped from the mouth of the cannon. Of course, holding these peculiar views of causation as displayed among simple physical phenomena, Canon Kingsley is consistent in denying historical sequence; and in saying that "as long as man has the mysterious power of breaking the laws of his own being, such a sequence not only cannot be discovered, but it cannot exist." ¹⁶ At the same time it is manifest that until he comes to some agreement with men of science respecting conceptions of forces, of

¹⁶ *Ibid.*, p. 22.

their laws, and of the modes in which phenomena produced by compositions of forces are interpretable in terms of compound laws, no discussion of the question at issue can be carried on with profit.

Without waiting for such an agreement, however, which is probably somewhat remote, Canon Kingsley's argument may be met by putting side by side with it some of his own conclusions set forth elsewhere. In an edition of *Alton Locke* published since the delivery of the address above quoted from, there is a new preface containing, among others, the following passages:—

"The progress towards institutions more and more popular may be slow, but it is sure. Whenever any class has conceived the hope of being fairly represented, it is certain to fulfil its own hopes, unless it employs, or provokes, violence impossible in England. The thing will be.¹⁷ . . . If any young gentlemen look forward . . . to a Conservative reaction of any other kind than this . . . to even the least stoppage of what the world calls progress—which I should define as the putting in practice the results of inductive science;—then do they, like King Picrochole in *Rabelais*, look for a kingdom which shall be restored to them at the coming of the Cocqcigrues."¹⁸

And in a preface addressed to workingmen, contained in an earlier edition, he says:—

¹⁷ *Alton Locke*, new edition, preface, p. xxi.

¹⁸ *Ibid.*, pp. xxiii, xxiv.

"If you are better off than you were in 1848, you owe it principally to those laws of political economy (as they are called), which I call the brute natural accidents of supply and demand," &c.¹⁹

Which passages offer explanations of changes now gone by as having been wrought out by natural forces in conformity with natural laws, and also predictions of changes which natural forces at present in action will work out. That is to say, by the help of generalized experiences there is an interpretation of past phenomena and a prevision of future phenomena. There is an implicit recognition of that Social Science which is explicitly denied.

A reply to these criticisms may be imagined. In looking for whatever reconciliation is possible between these positions which seem so incongruous, we must suppose the intended assertion to be, that only general interpretations and previsions can be made, not those which are special. Bearing in mind Mr. Froude's occasional explanations of historical phenomena as naturally caused, we must conclude that he believes certain classes of sociological facts (as the politico-economical) to be scientifically explicable, while other classes are not: though, if this be his view, it is not clear how, if the results of men's wills, separate or aggregated, are incalculable, politico-economical actions can be dealt with scientif-

¹⁹ *Ibid.*, preface (1854), p. xxvii.

ically; since, equally with other social actions, they are determined by aggregated wills. Similarly, Canon Kingsley, recognizing no less distinctly economical laws, and enunciating also certain laws of progress—nay, even warning his hearers against the belief that he denies the applicability of the inductive method to social phenomena,—must be assumed to think that the applicability of the inductive method is here but partial. Citing the title of his address and some of its sentences, he may say they imply simply that there are limits to the explanation of social facts in precise ways; though this position does not seem really reconcilable with the doctrine that social laws are liable to be at any time overruled, providentially or otherwise. But, merely hinting these collateral criticisms, this reply is to be met by the demurrer that it is beside the question. If the sole thing meant is that sociological previsions can be approximate only—if the thing denied is the possibility of reducing Sociology to the form of an exact science; then the rejoinder is that the thing denied is a thing which no one has affirmed. Only a moiety of science is exact science—only phenomena of certain orders have had their relations expressed quantitatively as well as qualitatively. Of the remaining orders there are some produced by factors so numerous and so hard to measure, that to develop our knowledge of their relations into the quantitative

form will be extremely difficult, if not impossible. But these orders of phenomena are not therefore excluded from the conception of Science. In Geology, in Biology, in Psychology, most of the previsions are qualitative only; and where they are quantitative their quantitateness, never quite definite, is mostly very indefinite. Nevertheless we unhesitatingly class these previsions as scientific. It is thus with Sociology. The phenomena it presents, involved in a higher degree than all others, are less than all other, capable of precise treatment; such of them as can be generalized, can be generalized only within wide limits of variation as to time and amount; and there remains much that cannot be generalized. But so far as there can be generalization, and so far as there can be interpretation based on it, so far there can be science. Whoever expresses political opinions—whoever asserts that such or such public arrangements will be beneficial or detrimental, tacitly expresses belief in a Social Science; for he asserts, by implication, that there is a natural sequence among social actions, and that as the sequence is natural results may be foreseen.

Reduced to a more concrete form, the case may be put thus:—Mr. Froude and Canon Kingsley both believe to a considerable extent in the efficiency of legislation—probably to a greater extent than it is believed in by some of those who assert the existence

of a Social Science. To believe in the efficiency of legislation is to believe that certain prospective penalties or rewards will act as deterrents or incentives—will modify individual conduct and therefore modify social action. Though it may be impossible to say that a given law will produce a foreseen effect on a particular person, yet no doubt is felt that it will produce a foreseen effect on the mass of persons. Though Mr. Froude, when arguing against Mr. Buckle, says that he "would deliver himself from the eccentricities of this and that individual by a doctrine of averages," but that "unfortunately, the average of one generation need not be the average of the next;" yet Mr. Froude himself so far believes in the doctrine of averages as to hold that legislative interdicts, with threats of death or imprisonment behind them, will restrain the great majority of men in ways which can be predicted. While he contends that the results of individual will are incalculable, yet, by approving certain laws and condemning others, he tacitly affirms that the results of the aggregate of wills are calculable. And if this be asserted of the aggregate of wills as affected by legislation, it must be asserted of the aggregate of wills as affected by social influences at large. If it be held that the desire to avoid punishment will so act on the average of men as to produce an average foreseen result; then it must also

be held that on the average of men, the desire to get the greatest return for labour, the desire to rise into a higher rank of life, the desire to gain applause, and so forth, will each of them produce a certain average result. And to hold this is to hold that there can be prevision of social phenomena, and therefore Social Science.

In brief, then, the alternative positions are these. On the one hand, if there is no natural causation throughout the actions of incorporated humanity, government and legislation are absurd. Acts of Parliament may, as well as not, be made to depend on the drawing of lots or the tossing of a coin; or, rather, there may as well be none at all: social sequences having no ascertainable order, no effect can be counted upon—everything is chaotic. On the other hand, if there is natural causation, then the combination of forces by which every combination of effects is produced, produces that combination of effects in conformity with the laws of the forces. And if so, it behoves us to use all diligence in ascertaining what the forces are, what are their laws, and what are the ways in which they co-operate.

Such further elucidation as is possible will be gained by discussing the question to which we now address ourselves—the Nature of the Social Science. Along with a definite idea of this, will come a perception that the denial of a Social Science has arisen

from the confusing of two essentially-different classes of phenomena which societies present—the one class, almost ignored by historians, constituting the subject-matter of Social Science, and the other class, almost exclusively occupying them, admitting of scientific co-ordination in a very small degree, if at all.

III

KARL MARX

1818-1883

In almost every generation since the days of Plato, men have dreamed and written of an ideal state of society wherein private property and its attendant evils would be abolished. Sir Thomas More's *Utopia* (the Greek for- "nowhere") coined a new word for the English language. But more than a mere desire for an ideal civilization was needed when the Industrial Revolution brought in its train the exploitation of the factory workers, men, women, and children. Further, the communist, to be heard in this scientific age, must base his theories on a study of history and economics, and must offer a program to achieve his end. Karl Marx was the leader of this new movement, so that to-day scientific socialism and Marxian tenets are almost interchangeable terms.

Marx was born in the German city of Treves in 1818. His father was a Jewish lawyer, his mother was descended from a long line of Dutch rabbis. When Karl was six years old the family was baptized in the Christian faith. The boy showed great promise, and at the age of seventeen there was already evidence of the trend of his thought. Assigned a school essay entitled, "A young man's reflections on the choice of a vocation," he wrote: "We cannot always attain the position for which we think we are destined; our relations with society have already been predestined to some ex-

tent before we are in a position to determine **them.**" Here we find the kernel of his life's work.

The elder Marx hoped that his son would follow in his footsteps and sent Karl to the University of Bonn to study jurisprudence. After a year of idle pleasure he entered the University of Berlin and began the life of an earnest student. But the search for a philosophy of life seemed far more important than the study of jurisprudence. Marx read night and day in philosophy, history, art, literature, as well as law. His father was greatly distressed, for Karl was now engaged to his childhood playmate the beautiful and gifted Jenny von Westphalen, daughter of a Prussian Privy Councillor.

The strain of work and worry made him ill, and while he convalesced in a quiet Berlin suburb he found an answer to his problem in the philosophy of Hegel. This marked the first crisis in his life, for Hegel (1770-1831) in opposition to the philosophy of a fixed universe had taught that there is change in all human institutions. Change, according to Hegel, is brought about by antagonistic elements which he called a positive or thesis, and a negative or antithesis. The continued operation of the negative on the positive abolishes both the negative and positive by the union of the two in a synthesis. The importance of this theory is clearly seen in Marx's later application.

In 1841 Marx received his doctor's degree at Jena. He wished to teach, but there was no room for a nonconformist in the Prussian universities of that day. He therefore plunged into journalism to fight for freedom in religion and liberalism in politics. As editor of the *Rheinische Zeitung* in 1842-1843, he was for the first time faced with the discussion of economic problems and social injustices. He retired from the newspaper editorship, married Jenny von Westphalen, and determined to go to Paris to study the French Utopian socialists. During these two years 1843-1844 came

the second great crisis of his life,—he became a convinced socialist—but not of the Utopian variety.

Marx concluded first that at bottom every civilization is determined by the methods of production and exchange, and secondly that the history of mankind is a history of class struggles between the ruling and oppressed classes. By applying the Hegelian method to the civilization of to-day, Marx maintained that the thesis is private property, the antithesis is the rising proletariat or working class, and the synthesis is to be the new form of society. Many years later (1875) he prophesied that during this transformation there would of necessity be a transition period which he called the "revolutionary dictatorship of the proletariat," a phrase eagerly seized by the Bolsheviks in Russia.

The stay in Paris also marked the beginning of a life-long friendship with Friedrich Engels, a young German business man who acted as his father's agent in Manchester. Without the financial aid of Engels, Marx could not have devoted his life to study and writing. In 1845 the French government expelled Marx at the instigation of the Prussian government and he went to Brussels. Two years later, though only twenty-nine years of age, his ability was already so well known that he was called to London to draft the program of the League of Communists, an organization founded in 1836 by a group of German workers living abroad, under the original name of the League of the Just. Engels was commissioned to assist him, but as Engels himself explains, the "fundamental proposition" of the since famous *Communist Manifesto* is Marx's own.

Hardly had the manuscript of the *Manifesto* been sent to the printers when the February Revolution of 1848 broke in Paris, followed by the revolutions in central Europe. Marx and Engels, believing that the day of the great social revolution had arrived, gathered a group of members of the League of Communists and hastened to Germany. But the

forces of reaction were far greater than they had imagined. The old order was quickly restored and Marx was forced into exile. Engels later admitted that the workers could attain their goal far better by the legal means of the *jaalljot* than by barricade fighting in the city streets. Marx himself realized that Germany had not advanced sufficiently in industrial development to create a socialist state and, besides, political unity was lacking.

Until his death in 1883 Marx lived in London, at first in extreme poverty, after 1860 financially assisted by Engels. For years he spent his days in the library of the British Museum collecting the materials for his greatest book, *Capital*, the first volume of which appeared in 1867. The second and third volumes, edited by Engels, did not appear until after the author's death. In *Capital*, as well as in more popular works, he discussed the economic system of capitalism and evolved the surplus theory of value.

According to Marx, the exchange value or price of every commodity under normal conditions, is determined by the total amount of labor needed to produce the commodity. An illustration will show the results of this theory when applied to the capitalistic system. Suppose that a tailor works eight hours a day for two days on a piece of cloth which has cost his employer \$15. The manufacturer sells the suit made by the tailor for \$35. Marx's theory is that the value or price of the suit of clothes is determined by the amount of labor put into it—the growing of the wool, spinning, the weaving, and the tailoring. The \$15, which the employer has paid for the cloth, represents the total value of the labor which has gone into its production, and the additional \$20 is the amount of labor which the tailor has put into it. But the tailor receives only \$10 in wages instead of the full \$20 of value which he created. Why is this? Marx would say that the tailor when he hired himself to his employer really sold his labor power. The question then resolves itself into

finding out why his labor power is worth \$5 a day and no more. It must be remembered that since he sold his labor power, this labor power must be considered a commodity. Now since the value or price of every commodity is determined by the amount of labor which is put into it, we must conclude that the price or value of the tailor's labor power is the amount of daily labor which has produced it, namely the man's necessities of life. In this case, it has taken four hours of labor to produce these necessities at a cost of \$5. So it is that when the tailor worked four hours, the value which he created in the cloth is exactly \$5. But he worked four hours longer and thereby he created another \$5 of value. This Marx calls "surplus value." The surplus value created by two days labor would then be \$10 and this is pocketed by the capitalist as profit. In place of this unfair system, Marx would substitute the principle: "From everyone according to his faculties, to everyone according to his needs."

As an international movement, socialism was a failure in Marx's own lifetime. The International Working Men's Association, the First International as it is usually called, which he helped found in 1864 fell to pieces eight years later. A Second International, and now a Third dominated by Russia, have not accomplished a world revolution. The battle cry, "Working men of all countries, unite!" fell on deaf ears. Nor has any nation, unless we except Russia, attempted to put Marx's theories into effect. Yet the influence of Marx is incalculable. When their lot was most miserable, he inspired the working classes with a sense of their own dignity, and almost created for them a consciousness of their power. He found the forces of labor in chaos and left them confident in the vision of a new order. Millions have seen this vision through the pages of the *Communist Manifesto*.

PREFACE TO THE
COMMUNIST MANIFESTO *

The "Manifesto" was published as the platform of the "Communist League," a working-men's association, first exclusively German, later an international, and under the political conditions of the Continent before 1848, unavoidably a secret society. At a Congress of the League, held in London in November, 1847, Marx and Engels were commissioned to prepare for publication a complete theoretical and practical party-program. Drawn up in German, in January, 1848, the manuscript was sent to the printer in London a few weeks before the French revolution of February 24th. A French translation was brought out in Paris, shortly before the insurrection of June, 1848. The first English translation, by Miss Helen Macfarlane, appeared in George Julian Harney's "Red Republican," London, 1850. A Danish and a Polish edition had also been published.

***Authorized English translation: edited and annotated by Frederick Engels (Charles H. Kerr & Company, Chicago).**

The defeat of the Parisian insurrection of June, 1848—the first great battle between Proletariat and Bourgeoisie—drove again into the background, **for** a time, the social and political aspirations of the European working class. Thenceforth, the struggle for supremacy was again, as it had been before the revolution of February, solely between different sections of the propertied class; the working class was reduced to a fight for political elbow-room, and to the position of extreme wing of the middle-class Radicals. Wherever independent proletarian movements continued to show signs of life, they were ruthlessly hunted down. Thus the Prussian police hunted out the Central Board of the Communist League, then located in Cologne. The members were arrested, and, after eighteen months' imprisonment, they were tried in October, 1852. This celebrated "Cologne Communist trial" lasted from October 4th till November 12th; seven of the prisoners were sentenced to terms of imprisonment in a fortress, varying from three to six years. Immediately after the sentence the League was formally dissolved by the remaining members. As to the "Manifesto," it seemed thenceforth to be doomed to oblivion.

When the European working class had recovered sufficient strength for another attack on the ruling classes, the International Working Men's Association sprang up. But this association, formed with the

express aim of welding into one body the whole militant proletariat of Europe and America, could not at once proclaim the principles laid down in the "Manifesto." The International was bound to have a program broad enough to be acceptable to the English Trades' Unions, to the followers of Proudhon in France, Belgium, Italy and Spain, and to the Lassalleans * in Germany. Marx, who drew up this program to the satisfaction of all parties, entirely trusted to the intellectual development of the working-class, which was sure to result from combined action and mutual discussion. The very events and vicissitudes of the struggle against Capital, the defeats even more than the victories, could not help bringing home to men's minds the insufficiency of their various favorite nostrums, and preparing the way for a more complete insight into the true conditions of working-class emancipation. And Marx was right. The International, on its breaking up in 1874, left the workers quite different men from what it had found them in 1864. Proudhonism in France, Lassalleanism in Germany were dying out, and even the Conservative English Trades' Unions, though most of them had long since severed their connec-

¹ Lassalle personally, to U9, always acknowledged himself to be a disciple of Marx, and, as such, stood on the ground of the "Manifesto." But in his public agitation, 1860-64, he did not go beyond demanding co-operative workshops supported by State credit.

tion with the International, were gradually advancing towards that point at which, last year at Swansea, their president could say in their name, "Continental Socialism has lost its terrors for us." In fact, the principles of the "Manifesto" had made considerable headway among the working men of all countries.

The Manifesto itself thus came to the front again. The German text had been, since 1850, reprinted several times in Switzerland, England and America. In 1872, it was translated into English in New York, where the translation was published in "Woodhull and Claflin's Weekly." From this English version, a French one was made in "Le Socialiste" of New York. Since then at least two more English translations, more or less mutilated, have been brought out in America, and one of them has been reprinted in England. The first Russian translation, made by Bakounine, was published at Herzen's "Kolokol" office in Geneva, about 1863; a second one, by the heroic Vera Zasulitch, also in Geneva, 1882. A new Danish edition is to be found in "Socialdemokratisk Bibliothek," Copenhagen, 1885; a fresh French translation in "Le Socialiste," Paris, 1886. From this latter a Spanish version was prepared and published in Madrid, 1886. The German reprints are not to be counted, there have been twelve altogether at the least. An Armenian translation, which was to

be published in Constantinople some months ago, did not see the light, I am told, because the publisher was afraid of bringing out a book with the name of Marx on it, while the translator declined to call it his own production. Of further translations into other languages I have heard, but have not seen them. Thus the history of the Manifesto reflects, to a great extent, the history of the modern working-class movement; at present it is undoubtedly the most widespread, the most international production of all Socialist literature, the common platform acknowledged by millions of working men from Siberia to California.

Yet, when it was written, we could not have called it a Socialist Manifesto. By Socialists, in 1847, were understood, on the one hand, the adherents of the various Utopian systems: Owenites in England, Fourierists in France, both of them already reduced to the position of mere sects, and gradually dying out; on the other hand, the most multifarious social quacks, who, by all manners of tinkering, professed to redress, without any danger to capital and profit, all sorts of social grievances, in both cases men outside the working class movement, and looking rather to the "educated" classes for support. Whatever portion of the working class had become convinced of the insufficiency of mere political revolutions, and

had proclaimed the necessity of a total social change, that portion, then, called itself Communist. It was a crude, rough-hewn, purely instinctive sort of Communism; still, it touched the cardinal point and was powerful enough amongst the working class to produce the Utopian Communism, in France, of Cabet and in Germany, of Weitling. This, Socialism was, in 1847, a middle-class movement, Communism a working class movement. Socialism was, on the Continent at least, "respectable;" Communism was the very opposite. And as our notion, from the very beginning, was that "the emancipation of the working class must be the act of the working class itself," there could be no doubt as to which of the two names we must take. Moreover, we have, ever since, been far from repudiating it.

The "Manifesto" being our joint production, I consider myself bound to state that the fundamental proposition which forms its nucleus, belongs to Marx. That proposition is: that in every historical epoch, the prevailing mode of economic production and exchange, and the social organization necessarily following from it, form the basis upon which is built up, and from which alone can be explained, the political and intellectual history of that epoch; that consequently the whole history of mankind (since the dissolution of primitive tribal society, holding

land in common ownership) has been a history of class struggles, contests between exploiting and exploited, ruling and oppressed classes; that the history of these class struggles forms a series of evolution in which, now-a-days, a stage has been reached where the exploited and oppressed class—the proletariat—cannot attain its emancipation from the sway of the exploiting and ruling class—the bourgeoisie—without, at the same time, and once and for all, emancipating society at large from all exploitation, oppression, class-distinctions and class struggles.

This proposition which, in my opinion, is destined to do for history what Darwin's theory has done for biology, we, both of us, had been gradually approaching for some years before 1845. How far I had independently progressed towards it, is best shown by my "Condition of the Working Class in England."² But when I again met Marx at Brussels, in spring, 1845, he had it ready worked out, and put it before me, in terms almost as clear as those in which I have stated it here.

From our joint preface to the German edition of 1872, I quote the following:

"However much the state of things may have

² *The Condition of the Working Class in England in 1844.* By Frederick Engels. Translated by Florence K. Wischniewetzky—London, Swan, Sonnenschein & Co.

altered during the last 25 years, the general principles laid down in this Manifesto, are, on the whole, as correct today as ever. Here and there some detail might be improved. The practical application of the principles will depend, as the manifesto itself states, everywhere and at all times, on the historical conditions for the time being existing, and, for that reason, no special stress is laid on the revolutionary measures proposed at the end of Section II. That passage would, in many respects, be very differently worded today. In view of the gigantic strides of Modern Industry since 1848, and of the accompanying improved and extended organization of the working-class, in view of the practical experience gained, first in the February revolution, and then, still more, in the Paris Commune, where the proletariat for the first time held political power for two whole months, this program has in some details become antiquated. One thing especially was proved by the Commune, viz., that "the working-class cannot simply lay hold of the ready-made State machinery, and wield it for its own purposes." (See "The Civil War in France; Address of the General Council of the International Working-men's Association," Chicago, Charles H. Kerr & Co., where this point is further developed.) Further, it is self-evident, that the criticism of socialist literature is deficient in relation to the present time, because it

comes down only to 1847; also, that the remarks on the relation of the Communists to the various opposition-parties (Section IV.), although in principle still correct, yet in practice are antiquated, because the political situation has been entirely changed, and the progress of history has swept from off the earth the greater portion of the political parties there enumerated.

"But then, the Manifesto has become a historical document which we have no longer any right to alter."

The present translation is by Mr. Samuel Moore, the translator of the greater portion of Marx's "Capital." We have revised it in common, and I have added a few notes explanatory of historical allusions.

Frederick Engels.

London, 30th January, 1888.

COMMUNIST MANIFESTO

A spectre is haunting Europe—the spectre of Communism. All the powers of old Europe have entered into a holy alliance to exorcise this spectre; Pope and Czar, Metternich and Guizot, French Radicals and German police-spies.

Where is the party in opposition that has not been decried as communistic by its opponents in power? Where the Opposition that has not hurled back the branding reproach of Communism, against the more advanced opposition parties, as well as against its reactionary adversaries?

Two things result from this fact.

I. Communism is already acknowledged by all European Powers to be itself a Power.

II. It is high time that Communists should openly, in the face of the whole world, publish their views, their aims, their tendencies, and meet this nursery tale of the Spectre of Communism with a Manifesto of the party itself.

To this end, Communists of various nationalities have assembled in London, and sketched the following manifesto, to be published in the English,

French, German, Italian, Flemish and Danish languages.

BOURGEOIS AND PROLETARIANS³

The history of all hitherto existing society⁴ is the history of class struggles.

Freeman and slave, patrician and plebeian, lord and serf, guild-master⁵ and journeyman, in a word, oppressor and oppressed, stood in constant opposition to *one* another, carried on an uninterrupted,

³ By bourgeoisie is meant the class of modern Capitalists, owners of the means of social production and employers of wage-labor. By proletariat, the class of modern wage-laborers who, having no means of production of their own, are reduced to selling their labor-power in order to live.

⁴ That is, all written history. In 1847, the pre-history of society, the social organization existing previous to recorded history, was all but unknown. Since then, Haxthausen discovered common ownership of land in Russia, Maurer proved it to be the social foundation from which all Teutonic races started in history, and by village communities were found to be, or to have been, the primitive form of society everywhere from India to Ireland. The inner organization of this primitive Communistic society was laid bare, in its typical form, by Morgan's crowning discovery of the true nature of the gens and its relation to the tribe. With the dissolution of these primeval communities society begins to be differentiated into separate and finally antagonistic classes. I have attempted to retrace this process of dissolution in "The Origin of the Family, Private Property and the State." (Chicago, Charles H. Kerr & Co.)

⁵ Guild-master, that is a full member of a guild, a master within, not a head of, a guild.

now hidden, now open fight, a fight that each time ended, either in a revolutionary re-constitution of society at large, or in the common ruin of the contending classes.

In the earlier epochs of history, we find almost everywhere a complicated arrangement of society into various orders, a manifold gradation of social rank. In ancient Rome we have patricians, knights, plebeians, slaves; in the middle ages, feudal lords, vassals, guild-masters, journeymen, apprentices, serfs; in almost all of these classes, again, subordinate gradations.

The modern bourgeois society that has sprouted from the ruins of feudal society, has not done away with class antagonisms. It has but established new classes, new conditions of oppression, new forms of struggle in place of the old ones.

Our epoch, the epoch of the bourgeoisie, possesses, however, this distinctive feature; it has simplified the class antagonisms. Society as a whole is more and more splitting up into two great hostile camps, into two great classes directly facing each other: Bourgeoisie and Proletariat.

From the serfs of the middle ages sprang the chartered burghers of the earliest towns. From these burgesses the first elements of the bourgeoisie were developed.

The discovery of America, the rounding of **the**

Cape, opened up fresh ground for the rising bourgeoisie. The East-Indian and Chinese markets, the colonization of America, trade with the colonies, the increase in the means of exchange and in commodities generally, gave to commerce, to navigation, to industry, an impulse never before known, and thereby, to the revolutionary element in the tottering feudal society, a rapid development.

The feudal system of industry, under which industrial production was monopolized by close guilds, now no longer sufficed for the growing wants of the new markets. The manufacturing system took its place. The guild-masters were pushed on one side by the manufacturing middle-class; division of labor between the different corporate guilds vanished in the face of division of labor in each single workshop.

Meantime the markets kept ever growing, the demand, ever rising. Even manufacture no longer sufficed. Thereupon, steam and machinery revolutionized industrial production. The place of manufacture was taken by the giant, Modern Industry, the place of the industrial middle-class, by industrial millionaires, the leaders of whole industrial armies, the modern bourgeois.

Modern industry has established the world-market, for which the discovery of America paved the way. This market has given an immense develop-

ment to commerce, to navigation, to communication by land. This development has, in its turn, reacted on the extension of industry; and in proportion as industry, commerce, navigation, railways extended, in the same proportion the bourgeoisie developed, increased its capital, and pushed into the background every class handed down from the Middle Ages.

We see, therefore, how the modern bourgeoisie is itself the product of a long course of development, of a series of revolutions in the modes of production and of exchange.

Each step in the development of the bourgeoisie was accompanied by a corresponding political advance of that class. An oppressed class under the sway of the feudal nobility, an armed and self-governing association in the medieval commune,⁶ here independent urban republic (as in Italy and Germany), there taxable "third estate" of the monarchy (as in France), afterwards, in the period of manufacture proper, serving either the semi-feudal or the absolute monarchy as a counterpoise against the nobility, and, in fact, corner stone of the great

⁶ "Commune" was the name taken, in France, by the nascent towns even before they had conquered from their feudal lords and masters, local self-government and political rights as "the Third Estate." Generally speaking, for the economical development of the bourgeoisie, England is here taken as the typical country, for its political development, France.

monarchies in general, the bourgeoisie has at last, since the establishment of Modern Industry and of the world-market, conquered for itself, in the modern representative State, exclusive political sway. The executive of the modern State is but a committee for managing the common affairs of the whole bourgeoisie.

The bourgeoisie, historically, has played a most revolutionary part.

The bourgeoisie, wherever it has got the upper hand, has put an end to all feudal, patriarchal, idyllic relations. It has pitilessly torn asunder the motley feudal ties that bound man to his "natural superiors," and has left remaining no other nexus between man and man than naked self-interest, than callous "cash payment." It has drowned the most heavenly ecstasies of religious fervor, of chivalrous enthusiasm, of philistine sentimentalism, in the icy water of egotistical calculation. It has resolved personal worth into exchange value, and in place of the numberless indefeasible chartered freedoms, has set up that single, unconscionable freedom—Free Trade. In one word, for exploitation, veiled by religious and political illusions, it has substituted naked, shameless, direct, brutal exploitation.

The bourgeoisie has stripped of its halo every occupation hitherto honored and looked up to with reverent awe. It has converted the physician, the

lawyer, the priest, the poet, the man of science, into its paid wage-laborers.

The bourgeoisie has torn away from the family its sentimental veil, and has reduced the family relation to a mere money relation.

The bourgeoisie has disclosed how it came to pass that the brutal display of vigor in the Middle Ages, which Reactionists so much admire, found its fitting complement in the most slothful indolence. It has been the first to show what man's activity can bring about. It has accomplished wonders far surpassing Egyptian pyramids, Roman aqueducts, and Gothic cathedrals; it has conducted expeditions that put in the shade all former Exoduses of nations and crusades.

The bourgeoisie cannot exist without constantly revolutionizing the instruments of production, and thereby the relations of production, and with them the whole relations of society. Conservation of the old modes of production in unaltered form, was, on the contrary, the first condition of existence for all earlier industrial classes. Constant revolutionizing of production, uninterrupted disturbance of all social conditions, everlasting uncertainty and agitation distinguish the bourgeois epoch from all earlier ones. All fixed, fast-frozen relations, with their train of ancient and venerable prejudices and opinions, are swept away, all new-formed ones become and-

quoted before they can ossify. All that is solid melts into air, all that is holy is profaned, and man is at last compelled to face with sober senses, his real conditions of life, and his relations with his kind.

The need of a constantly expanding market for its products chases the bourgeoisie over the whole surface of the globe. It must nestle everywhere, settle everywhere, establish connections everywhere.

The bourgeoisie has through its exploitation of the world-market given a cosmopolitan character to production and consumption in every country. To the great chagrin of Reactionists, it has drawn from under the feet of industry the national ground on which it stood. All old-established national industries have been destroyed or are daily being destroyed. They are dislodged by new industries, whose introduction becomes a life and death question for all civilized nations, by industries that no longer work up indigenous raw material, but raw material drawn from the remotest zones; industries whose products are consumed not only at home, but in every quarter of the globe. In place of the old wants, satisfied by the productions of the country, we find new wants, requiring for their satisfaction the products of distant lands and climes. In place of the old local and national seclusion and self-sufficiency, we have intercourse in every direction, universal

inter-dependence of nations. And as in material, so also in intellectual production. The intellectual creations of individual nations become common property. National one-sidedness and narrow-mindedness become more and more impossible, and from the numerous national and local literatures there arises a world-literature.

The bourgeoisie, by the rapid improvement of all instruments of production, by the immensely facilitated means of communication, draws all, even the most barbarian, nations into civilization. The cheap prices of its commodities are the heavy artillery with which it batters down all Chinese walls, with which it forces the barbarians¹ intensely obstinate hatred of foreigners to capitulate. It compels all nations, on pain of extinction, to adopt the bourgeois mode of production; it compels them to introduce what it calls civilization into their midst, i. e., to become bourgeois themselves. In a word, it creates a world after its own image.

The bourgeoisie has subjected the country to the rule of the towns. It has created enormous cities, has greatly increased the urban population as compared with the rural, and has thus rescued a considerable part of the population from the idiocy of rural life. Just as it has made the country dependent on the towns, so it has made barbarian and semi-

barbarian countries dependent on the civilized ones, nations of peasants on nations of bourgeois, the East on the West.

The bourgeoisie keeps more and more doing away with the scattered state of the population, of the means of production, and of property. It has agglomerated population, centralized means of production, and has concentrated property in a few hands. The necessary consequence of this: was political centralization. Independent, or but loosely connected provinces, with separate interests, laws, governments and systems of taxation, became lumped together in one nation, with one government, one code of laws, one national class-interest, one frontier and one customs-tariff.

The bourgeoisie, during its rule of scarce one hundred years, has created more massive and more colossal productive forces than have all preceding generations together. Subjection of Nature's forces to* man, machinery, application of chemistry to industry and agriculture, steam-navigation, railways, electric telegraphs, clearing of whole continents for cultivation, canalization of rivers, whole populations conjured out of the ground—what earlier century had even a presentiment that such productive forces slumbered in the lap of social labor?

We see then: the means of production and of exchange on whose foundation the bourgeoisie built

itself up, were generated in feudal society. At a certain stage in the development of these means of production and of exchange, the conditions under which feudal society produced and exchanged, the feudal organization of agriculture and manufacturing industry, in one word, the feudal relations of property became no longer compatible with the already developed productive forces; they became so many fetters. They had to burst asunder; they were burst asunder.

Into their places stepped free competition, accompanied by a social and political constitution adapted to it, and by the economical and political sway of the bourgeois class.

A similar movement is going on before our own eyes. Modern bourgeois society with its relations of production, of exchange and of property, a society that has conjured up such gigantic means of production and of exchange, is like the sorcerer, who is no longer able to control the powers of the nether world which he has called up by his spells. For many a decade past the history of industry and commerce is but the history of the revolt of modern productive forces against modern conditions of production, against the property relations that are the conditions for the existence of the bourgeoisie and of its rule. It is enough to mention the commercial crises that by their periodical return put on its trial, each time

more threateningly, the existence of the entire bourgeois society. In these crises a great part not only of the existing products, but also of the previously created productive forces, are periodically destroyed. In these crises there breaks out an epidemic that, in all earlier epochs, would have seemed an absurdity—the epidemic of over-production. Society suddenly finds itself put back into a state of momentary barbarism; it appears as if a famine, a universal war of devastation had cut off the supply of every means of subsistence; industry and commerce seem to be destroyed; and why? Because there is too much civilization, too much means of subsistence, too much industry, too much commerce. The productive forces at the disposal of society no longer tend to further the development of the conditions of bourgeois property; on the contrary, they have become too powerful for these conditions, by which they are fettered, and so soon as they overcome these fetters, they bring disorder into the whole of bourgeois society, endanger the existence of bourgeois property. The conditions of bourgeois society are too narrow to comprise the wealth created by them. And how does the bourgeoisie get over these crises? On the one hand by enforced destruction of a mass of productive forces; on the other, by the conquest of new markets, and by the more thorough exploitation of the old ones. That is to say, by

paving the way for more extensive and more destructive crises, and by diminishing the means whereby crises are prevented.

The weapons with which the bourgeoisie felled feudalism to the ground are now turned against the bourgeoisie itself.

But not only has the bourgeoisie forged the weapons that bring death to itself; it has also called into existence the men who are to wield those weapons—the modern working-class—the proletarians.

In proportion as the bourgeoisie, i. e., capital, is developed, in the same proportion is the proletariat, the modern working-class, developed, a class of laborers, who live only so long as they find work, and who find work only so long as their labor increases capital. These laborers, who must sell themselves piecemeal, are a commodity, like every other article of commerce, and are consequently exposed to all the vicissitudes of competition, to all the fluctuations of the market.

Owing to the extensive use of machinery and to division of labor, the work of the proletarians has lost all individual character, and, consequently, all charm for the workman. He becomes an appendage of the machine, and it is only the most simple, most monotonous, and most easily acquired knack that is required of him. Hence, the cost of production of a

workman is restricted, almost entirely, to the means of subsistence that he requires for his maintenance, and for the propagation of his race. But the price of a commodity, and also of labor, is equal to its cost of production. In proportion, therefore, as the repulsiveness of the work increases, the wage decreases. Nay more, in proportion as the use of machinery and division of labor increases, in the same proportion the burden of toil also increases, whether by prolongation of the working hours, by increase of the work enacted in a given time, or by increased speed of the machinery, etc.

Modern industry has converted the little workshop of the patriarchal master into the great factory of the industrial capitalist. Masses of laborers, crowded into the factory, are organized like soldiers. As privates of the industrial army they are placed under the command of a perfect hierarchy of officers and sergeants. Not only are they the slaves of the bourgeois class, and of the bourgeois State, they are daily and hourly enslaved by the machine, by the over-looker, and, above all, by the individual bourgeois manufacturer himself. The more openly this despotism proclaims gain to be its end and aim, the more petty, and more hateful and the more embittering it is.

The less the skill and exertion or strength implied **in manual labor, in other words, the more modern**

Industry becomes developed, the more is the labor of men superseded by that of women. Differences of age and sex have no longer any distinctive social validity for the working class. All are instruments of labor, more or less expensive to use, according to their age and sex.

No sooner is the exploitation of the laborer by the manufacturer, so far at an end, that he receives his wages in cash, than he is set upon by the other portions of the bourgeoisie, the landlord, the shopkeeper, the pawnbroker, etc.

The lower strata of the Middle class—the small tradespeople, shopkeepers, and retired tradesmen generally, the handicraftsmen and peasants—all these sink gradually into the proletariat, partly because their diminutive capital does not suffice for the scale on which Modern Industry is carried on, and is swamped in the competition with the large capitalists, partly because their specialized skill is rendered worthless by new methods of production. Thus the proletariat is recruited from all classes of the population.

The proletariat goes through various stages of development. With its birth begins its struggle with the bourgeoisie. At first the contest is carried on by individual laborers, then by the workpeople of a factory, then by the operatives of one trade, in one locality, against the individual bourgeois who di-

rectly exploits them. They direct their attacks not against the bourgeois conditions of production, but against the instruments of production themselves; they destroy imported wares that compete with their labor, they smash to pieces machinery, they set factories ablaze, they seek to restore by force the vanished status of the workman of the Middle Ages.

At this stage the laborers still form an incoherent mass scattered over the whole country, and broken up by their mutual competition. If anywhere they unite to form more compact bodies, this is not yet the consequence of their own active union, but of the union of the bourgeoisie, which class, in order to attain its own political ends, is compelled to set the whole proletariat in motion, and is moreover yet, for a time, able to do so. At this stage, therefore, the proletarians do not fight their enemies, but the enemies of their enemies, the remnants of absolute monarchy, the landowners, the non-industrial bourgeois, the petty bourgeoisie. Thus the whole historical movement is concentrated in the hands of the bourgeoisie; every victory so obtained is a victory for the bourgeoisie.

But with the development of industry the proletariat not only increases in number, it becomes concerned in greater masses, its strength grows, and it feels that strength more. The various interests and conditions of life within the ranks of the proletariat

are more and more equalized, in proportion as machinery obliterates all distinctions of labor, and nearly everywhere reduces wages to the same low level. The growing competition among the bourgeois, and the resulting commercial crises, make the wages of the workers ever more fluctuating. The unceasing improvement of machinery, ever more rapidly developing, makes their livelihood more and more precarious; the collisions between individual workmen and individual bourgeois take more and more the character of collisions between two classes. Thereupon the workers begin to form combinations (Trades' Unions) against the bourgeois; they club together in order to keep up the rate of wages; they found permanent associations in order to make provision beforehand for these occasional revolts. Here and there the contest breaks out into riots.

Now and then the workers are victorious, but only for a time. The real fruit of their battles lies, not in the immediate result, but in the ever expanding union of the workers. This union is helped on by the improved means of communication that are created by modern industry, and that place the workers of different localities in contact with one another. It was just this contact that was needed to centralize the numerous local struggles, all of the same character, into one national struggle between classes. But every class struggle is a political struggle. And

that union, to attain which the burghers of the Middle Ages, with their miserable highways, required centuries, the modern proletarians, thanks to railways, achieve in a few years.

This organization of the proletarians into a class, and consequently into a political party, is continually being upset again by the competition between the workers themselves. But it ever rises up again, stronger, firmer, mightier. It compels legislative recognition of particular interests of the workers, by taking advantage of the divisions among the bourgeoisie itself. Thus the ten-hour bill in England was carried.

Altogether, collisions between the classes of the old society further, in many ways, the course of development of the proletariat. The bourgeoisie finds itself involved in a constant battle. At first with the aristocracy; later on, with those portions of the bourgeoisie itself, whose interests have become antagonistic to the progress of industry; at all times, with the bourgeoisie of foreign countries. In all these battles it sees itself compelled to appeal to the proletariat, to ask for its help, and thus, to drag it into the political arena. The bourgeoisie itself, therefore, supplies the proletariat with its own elements of political and general education, in other words, it furnishes the proletariat with weapons for fighting the bourgeoisie.

Further, as we have already seen, entire sections of the ruling classes are, by the advance of industry, precipitated into the proletariat, or are at least threatened in their conditions of existence. These also supply the proletariat with fresh elements of enlightenment and progress.

Finally, in times when the class-struggle nears the decisive hour, the process of dissolution going on within the ruling class, in fact, within the whole range of old society, assumes such a violent, glaring character, that a small section of the ruling class cuts itself adrift, and joins the revolutionary class, the class that holds the future in its hands. Just as, therefore, at an earlier period, a section of the nobility went over to the bourgeoisie, so now a portion of the bourgeoisie goes over to the proletariat, and in particular, a portion of the bourgeois ideologists, who have raised themselves to the level of comprehending theoretically the historical movements as a whole.

Of all the classes that stand face to face with the bourgeoisie today, the proletariat alone is a really revolutionary class. The other classes decay and finally disappear in the face of modern industry; the proletariat is its special and essential product.

The lower middle-class, the small manufacturer, the shopkeeper, the artisan, the peasant, all these

fight against the bourgeoisie, to save from extinction their existence as fractions of the middle-class. They are, therefore, not revolutionary, but conservative. Nay more, they are reactionary, for they try to roll back the wheel of history. If by chance they are revolutionary, they are so, only in view of their impending transfer into the proletariat, they thus defend not their present, but their future interests, they desert their own stand-point to place themselves at that of the proletariat.

The "dangerous class," the social scum, that passively rotting mass thrown off by the lowest layers of old society, may, here and there, be swept into the movement by a proletarian revolution; its conditions of life, however, prepare it far more for the part of a bribed tool of reactionary intrigue.

In the conditions of the proletariat, those of old society at large are already virtually swamped. The proletarian is without property; his relation to his wife and children has no longer anything in common with the bourgeois family-relations; modern industrial labor, modern subjection to capital, the same in England as in France, in America as in Germany, has stripped him of every trace of national character. Law, morality, religion, are to him so many bourgeois prejudices, behind which lurk in ambush just as many bourgeois interests.

All the preceding classes that got the upper hand,

sought to fortify their already acquired status by subjecting society at large to their conditions of appropriation. The proletarians cannot become masters of the productive forces of society, except by abolishing their own previous mode of appropriation, and thereby also every other previous mode of appropriation. They have nothing of their own to secure and to fortify; their mission is to destroy all previous securities for, and insurances of, individual property.

All previous historical movements were movements of minorities, or in the interest of minorities. The proletarian movement is the self-conscious, independent movement of the immense majority, in the interest of the immense majority. The proletariat, the lowest stratum of our present society, cannot stir, cannot raise itself up, without the whole superincumbent strata of official society being sprung into the air.

Though not in substance, yet in form, the struggle of the proletariat with the bourgeoisie is at first a national struggle. The proletariat of each country must, of course, first of all settle matters with its own bourgeoisie.

In depicting the most general phases of the development of the proletariat, we traced the more or less veiled civil war, raging within existing society, up to the point where that war breaks out into

open revolution, and where the violent overthrow of the bourgeoisie, lays the foundation for the sway of the proletariat.

Hitherto, every form of society has been based, as we have already seen, on the antagonism of oppressing and oppressed classes. But in order to oppress a class, certain conditions must be assured to it under which it can, at least, continue its slavish existence. The serf, in the period of serfdom, raised himself to membership in the commune, just as the petty bourgeois, under the yoke of feudal absolutism, managed to develop into a bourgeois. The modern laborer, on the contrary, instead of rising with the progress of industry, sinks deeper and deeper below the conditions of existence of his own class. He becomes a pauper, and pauperism develops more rapidly than population and wealth. And here it becomes evident, that the bourgeoisie is unfit any longer to be the ruling class in society, and to impose its conditions of existence upon society as an over-riding law. It is unfit to rule, because it is incompetent to assure an existence to its slave within his slavery, because it cannot help letting him sink into such a state that it has to feed him, instead of being fed by him. Society can no longer live under this bourgeoisie, in other words, its existence is no longer compatible with society.

The essential condition for the existence, and for

the sway of the bourgeois class, is the formation and augmentation of capital; the condition for capital is wage-labor. Wage-labor rests exclusively on competition between the laborers. The advance of industry, whose involuntary promoter is the bourgeoisie, replaces the isolation of the laborers, due to competition, by their involuntary combination, due to association. The development of Modern Industry, therefore, cuts from under its feet the very foundation on which the bourgeoisie produces and appropriates products. What the bourgeoisie therefore produces, above all, are its own grave-diggers. Its fall and the victory of the proletariat are equally inevitable.

II

PROLETARIANS AND COMMUNISTS

In what relation do the Communists stand to the proletarians as a whole?

The Communists do not form a separate party opposed to other working-class parties.

They have no interests separate and apart from those of the proletariat as a whole.

They do not set up any sectarian principles of their own, by which to shape and mould the proletarian movement.

The Communists are distinguished from the other working class parties by this only: i. In the national struggles of the proletarians of the different countries, they point out and bring to the front the common interests of the entire proletariat independently of all nationality, 2. In the various stages of development which the struggle of the working class against the bourgeoisie has to pass through, they always and everywhere represent the interests of the movement as a whole.

The Communists, therefore, are on the one hand, practically, the most advanced and resolute section of the working class parties of every country, that section which pushes forward all others; on the other hand, theoretically, they have over the great mass of the proletariat the advantage of clearly understanding the line of march, the conditions, and the ultimate general results of the proletarian movement.

The immediate aim of the Communists is the same as that of all the other proletarian parties; formation of the proletariat into a class, overthrow of the bourgeois supremacy, conquest of political power by the proletariat.

The theoretical conclusions of the Communists are in no way based on ideas or principles that have been invented, or discovered, by this or that would-be universal reformer.

They merely express, in general terms, actual re-

lations springing from an existing class struggle, from a historical movement going on under our very eyes. The abolition of existing property relations is not at all a distinctive feature of Communism.

All property relations in the past have continually been subject to historical change consequent upon the change in historical conditions.

The French Revolution, for example, abolished feudal property in favor of bourgeois property.

The distinguishing feature of Communism is not the abolition of property generally, but the abolition of bourgeois property. But modern bourgeois private property is the final and most complete expression of the system of producing and appropriating products, that is based on class antagonism, on the exploitation of the many by the few.

In this sense, the theory of the Communists may be summed up in the single sentence: Abolition of private property.

We Communists have been reproached with the desire of abolishing the right of personally acquiring property as the fruit of a man's own labor, which property is alleged to be the ground work of all personal freedom, activity and independence.

Hard-won, self-acquired, self-earned property! Do you mean the property of the petty artisan and of the small peasant, a form of property that preceded the bourgeois form? There is no need to

abolish that; the development of industry has to a great extent already destroyed it, and is still destroying it daily.

Or do you mean modern bourgeois private property?

But does wage-labor create any property for the laborer? Not a bit. It creates capital, i. e., that kind of property which exploits wage-labor, and which cannot increase except upon condition of getting a new supply of wage-labor for fresh exploitation. Property, in its present form, is based on the antagonism of capital and wage-labor. Let us examine both sides of this antagonism.

To be a capitalist, is to have not only a purely personal, but a social status in production. Capital is a collective product, and only by the united action of many members, nay, in the last resort, only by the united action of all members of society, can it be set in motion.

Capital is therefore not a personal, it is a social power.

When, therefore, capital is converted into common property, into the property of all members of society, personal property is not thereby transformed into social property. It is only the social character of the property that is changed. It loses its class-character.

Let us now take wage-labor.

The average price of wage-labor is the minimum wage, i. e., that quantum of the means of subsistence, which is absolutely requisite to keep the laborer in bare existence as a laborer. What, therefore, the wage-laborer appropriates by means of his labor, merely suffices to prolong and reproduce a bare existence. We by no means intend to abolish this personal appropriation of the products of labor, an appropriation that is made for the maintenance and reproduction of human life, and that leaves no surplus wherewith to command the labor of others. All that we want to do away with is the miserable character of this appropriation, under which the laborer lives merely to increase capital, and is allowed to live only in so far as the interest of the ruling class requires it.

In bourgeois society, living labor is but a means to increase accumulated labor. In Communist society, accumulated labor is but a means to widen, to enrich, to promote the existence of the laborer.

In bourgeois society, therefore, the past dominates the present; in communist society, the present dominates the past. In bourgeois society capital is independent and has individuality, while the living person is dependent and has no individuality.

And the abolition of this state of things is called by the bourgeois, abolition of individuality and freedom! And rightly so. The abolition of bourgeois

individuality, bourgeois independence, and bourgeois freedom is undoubtedly aimed at.

By freedom is meant, under the present bourgeois conditions of production, free trade, free selling and buying.

But if selling and buying disappears, free selling and buying disappears also. This talk about free selling and buying, and all the other "brave words" of our bourgeoisie about freedom in general, have a meaning, if any, only in contrast with restricted selling and buying, with the fettered traders of the Middle Ages, but have no meaning when opposed to the Communistic abolition of buying and selling, of the bourgeois conditions of production, and of the bourgeoisie itself.

You are horrified at our intending to do away with private property. But in your existing society, private property is already done away with for nine-tenths of the population; its existence for the few is solely due to its non-existence in the hands of those nine-tenths. You reproach us, therefore, with intending to do away with a form of property, the necessary condition for whose existence is, the non-existence of any property for the immense majority of society.

In one word, you reproach us with intending to do away with your property. Precisely so; that is just what we intend.

From the moment when labor can no longer be converted into capital, money, or rent, into a social power capable of being monopolized, i. e., from the moment when individual property can no longer be transformed into bourgeois property, into capital, from that moment, you say, individuality vanishes.

You must, therefore, confess that by "individual" you mean no other person than the bourgeois, than the middle-class owner of property. This person must, indeed, be swept out of the way, and made impossible.

Communism deprives no man of the power to appropriate the products of society: all that it does is to deprive him of the power to subjugate the labor of others by means of such appropriation.

It has been objected, that upon the abolition of private property all work will cease, and universal laziness will overtake us.

According to this, bourgeois society ought long ago to have gone to the dogs through sheer idleness; for those of its members who work, acquire nothing, and those who acquire anything, do not work. The whole of this objection is but another expression of the tautology: that there can no longer be any wage-labor when there is no longer any capital.

All objections urged against the Communistic mode of producing and appropriating material products, have, in the same way, been urged against the

Communitic modes of producing and appropriating intellectual products. Just as, to the bourgeois, the disappearance of class property is the disappearance of production itself, so the disappearance of class culture is to him identical with the disappearance of all culture.

That culture, the loss of which he laments, is, for the enormous majority, a mere training to act as a machine.

But don't wrangle with us so long as you apply, to our intended abolition of bourgeois property, the standard of your bourgeois notions of freedom, culture, law, etc. Your very ideas are but the outgrowth of the conditions of your bourgeois production and bourgeois property, just as your jurisprudence is but the will of your class made into a law for all, a will, whose essential character and direction are determined by the economic conditions of existence of your class.

The selfish misconception that induces you to transform into eternal laws of nature and of reason, the social forms springing from your present mode of production and form of property—historical relations that rise and disappear in the progress of production—this misconception you share with every ruling class that has preceded you. What you see clearly in the case of ancient property, what you

admit in the case of feudal property, you are of course forbidden to admit in the case of your own bourgeois form of property.

Abolition of the familyI Even the most radical flare up at this infamous proposal of the Communists.

On what foundation is the present family, the bourgeois family, based? On capital, on private gain. In its completely developed form this family exists only among the bourgeoisie. But this state of things finds its complement in the practical absence of the family among the proletarians, and in public prostitution.

The bourgeois family will vanish as a matter of course when its complement vanishes, and both will vanish with the vanishing of capital.

Do you charge us with wanting to stop the exploitation of children by their parents? To this crime we plead guilty.

But, you will say, we destroy the most hallowed of relations, when we replace home education by social.

And your education! Is not that also social, and determined by the social conditions under which you educate, by the intervention, direct or indirect, of society by means of schools, etc.? The Communists have not invented the intervention of society

in education; they do but seek to alter the character of that intervention, and to rescue education from the influence of the ruling class.

The bourgeois clap-trap about the family and education, about the hallowed co-relation of parent and child, becomes all the more disgusting, the more, by the action of Modern Industry, all family ties among the proletarians are torn asunder, and their children transformed into simple articles of commerce and instruments of labor.

But you Communists would introduce community of women, screams the whole bourgeoisie in chorus.

The bourgeois sees in his wife a mere instrument of production. He hears that the instruments of production are to be exploited in common, and, naturally, can come to no other conclusion, than that the lot of being common to all will likewise fall to the women.

He has not even a suspicion that the real point aimed at is to do away with the status of women as mere instruments of production.

For the rest, nothing is more ridiculous than the virtuous indignation of our bourgeois at the community of women which, they pretend, is to be openly and officially established by the Communists. The Communists have no need to introduce community of women; it has existed almost from time immemorial.

Our bourgeois, not content with having the wives and daughters of their proletarians at their disposal, not to speak of common prostitutes, take the greatest pleasure in seducing each others' wives.

Bourgeois marriage is in reality a system of wives in common and thus, at the most, what the Communists might possibly be reproached with, is that they desire to introduce, in substitution for a hypocritically concealed, an openly legalized community of women. For the rest, it is self-evident, that the abolition of the present system of production must bring with it the abolition of the community of women springing from that system, i. e., of prostitution both public and private.

The Communists are further reproached with desiring to abolish countries and nationalities.

The working men have no country. We cannot take from them what they have not got. Since the proletariat must first of all acquire political supremacy, must rise to be the leading class of the nation, must constitute itself the nation, it is, so far, itself national, though not in the bourgeois sense of the word.

National differences, and antagonisms between peoples, are daily more and more vanishing, owing to the development of the bourgeoisie, to freedom of commerce, to the world-market, to uniformity in

the mode of production and in the conditions of life corresponding thereto.

The supremacy of the proletariat will cause them to vanish still faster. United action, of the leading civilized countries at least, is one of the first conditions for the emancipation of the proletariat.

In proportion as the exploitation of one individual by another is put an end to, the exploitation of one nation by another will also be put an end to. In proportion as the antagonism between classes within the nation vanishes, the hostility of one nation to another will come to an end.

The charges against Communism made from a religious, a philosophical, and generally, from an ideological standpoint, are not deserving of serious examination.

Does it require deep intuition to comprehend that man's ideas, views, and conceptions, in one word, man's consciousness, changes with every change in the conditions of his material existence, in his social relations and in his social life?

What else does the history of ideas prove, than that intellectual production changes in character in proportion as material production is changed? The ruling ideas of each age have ever been the ideas of its ruling class.

When people speak of ideas that revolutionize society, they do but express the fact, that within the

old society, the elements of a new one have been created, and that the dissolution of the old ideas keeps even pace with the dissolution of the old conditions of existence.

When the ancient world was in its last throes, the ancient religions were overcome by Christianity. When Christian ideas succumbed in the 18th century to rationalist ideas, feudal society fought its death-battle with the then revolutionary bourgeoisie. The ideas of religious liberty and freedom of conscience, merely gave expression to the sway of free competition within the domain of knowledge.

"Undoubtedly," it will be said, "religious, moral, philosophical and juridical ideas have been modified in the course of historical development. But religion, morality, philosophy, political science, and law, constantly survived this change."

"There are, besides, eternal truths, such as Freedom, Justice, etc., that are common to all states of society. But Communism abolishes eternal truths, it abolishes all religion, and all morality, instead of constituting them on a new basis; it therefore acts in contradiction to all past historical experience."

What does this accusation reduce itself to? The history of all past society has consisted in the development of class antagonisms, antagonisms that assumed different forms at different epochs.

But whatever form they may have taken, one

fact is common to all past ages, viz., the exploitation of one part of society by the other. No wonder, then, that the social consciousness of past ages, despite all the multiplicity and variety it displays, moves within certain common forms, or general ideas, which cannot completely vanish except with the total disappearance of class antagonisms.

The Communist revolution is the most radical rupture with traditional property-relations; no wonder that its development involves the most radical rupture with traditional ideas.

But let us have done with the bourgeois objections to Communism.

We have seen above, that the first step in the revolution by the working class, is to raise the proletariat to the position of ruling class, to win the battle of democracy.

The proletariat will use its political supremacy, to wrest, by degrees, all capital from the bourgeoisie, to centralize all instruments of production in the hands of the State, i. e., of the proletariat organized as the ruling class; and to increase the total of productive forces as rapidly as possible.

Of course, in the beginning, this cannot be effected except by means of despotic inroads on the rights of property, and on the conditions of bourgeois production; by means of measures, therefore, which

appear economically insufficient and untenable, but which, in the course of the movement, outstrip themselves, necessitate further inroads upon the old social order, and are unavoidable as a means of entirely revolutionizing the mode of production.

These measures will of course be different in different countries.

Nevertheless in the most advanced countries the following will be pretty generally applicable:

1. Abolition of property in land and application of all rents of land to public purposes.

2. A heavy progressive or graduated income tax.

3. Abolition of all right of inheritance.

4. Confiscation of the property of all emigrants and rebels.

5. Centralization of credit in the hands of the state, by means of a national bank with State capital and an exclusive monopoly.

6. Centralization of the means of communication and transport in the hands of the State.

7. Extension of factories and instruments of production owned by the State; the bringing into cultivation of waste lands, and the improvement of the soil generally in accordance with a common plan.

8. Equal liability of all to labor. Establishment of industrial armies, especially for agriculture.

9. Combination of agriculture with manufactur-

ing industries; gradual abolition of the distinction between town and country, by a more equable distribution of population over the country.

10. Free education for all children in public schools. Abolition of children's factory labor in its present form. Combination of education with industrial production, etc., etc.

When, in the course of development, class distinctions have disappeared, and all production has been concentrated in the hands of a vast association of the whole nation, the public power will lose its political character. Political power, properly so called, is merely the organized power of one class for oppressing another. If the proletariat during its contest with the bourgeoisie is compelled, by the force of circumstances, to organize itself as a class, if, by means of a revolution, it makes itself the ruling class, and, as such, sweeps away by force the old conditions of production, then it will, along with these conditions, have swept away the conditions for the existence of class antagonisms, and of classes generally, and will thereby have abolished its own supremacy as a class.

In place of the old bourgeois society, with its classes and class antagonisms, we shall have an association, in which the free development of each is the condition for the free development of all.

III

SOCIALIST AND COMMUNIST LITERATURE

I. Reactionary Socialism

a. Feudal Socialism

Owing to their historical position, it became the vocation of the aristocracies of France and England to write pamphlets against modern bourgeois society. In the French revolution of July, 1830, and in the English reform agitation, these aristocracies again succumbed to the hateful upstart. Thenceforth, a serious political contest was altogether out of the question. A literary battle alone remained possible. But even in the domain of literature the old cries of the restoration period⁷ had become impossible.

In order to arouse sympathy, the aristocracy were obliged to lose sight, apparently, of their own interests, and to formulate their indictment against the bourgeoisie in the interest of the exploited working class alone. Thus the aristocracy took their revenge by singing lampoons on their new master, and whispering in his ears sinister prophecies of coming catastrophe.

⁷ Not the English Restoration 1660 to 1689, but the French Restoration 1814 to 1830.

In this way arose feudal socialism; half lamentation, half lampoon; half echo of the past, half menace of the future; at times, by its bitter, witty and incisive criticism, striking the bourgeoisie to the very hearts' core, but always ludicrous in its effect, through total incapacity to comprehend the march of modern history.

The aristocracy, in order to rally the people to them, waved the proletarian alms-bag in front for a banner. But the people, so often as it joined them, saw on their hindquarters the old feudal coats of arms, and deserted with loud and irreverent laughter.

One section of the French Legitimists, and "Young England," exhibited this spectacle.

In pointing out that their mode of exploitation was different to that of the bourgeoisie, the feudalists forget that they exploited under circumstances and conditions that were quite different, and that are now antiquated. In showing that, under their rule, the modern proletariat never existed, they forget that the modern bourgeoisie is the necessary offspring of their own form of society.

For the rest, so little do they conceal the reactionary character of their criticism, that their chief accusation against the bourgeoisie amounts to this, that under the bourgeois régime a class is

being developed, which is destined **to cut up root and branch** the old order of society.

What they upbraid the bourgeoisie with is not so much that it creates a proletariat, as that it creates a revolutionary proletariat.

In political practice, therefore, they join in all coercive measures against the working-class; and in ordinary life, despite their highfalutin phrases, they stoop to pick up the golden apples dropped from the tree of industry, and to barter truth, love, and honor for traffic in wool, beetroot-sugar and potato spirit.⁸

As the parson has ever gone hand in hand with the landlord, so has Clerical Socialism with Feudal Socialism.

Nothing is easier than to give Christian asceticism a Socialistic tinge. Has not Christianity declaimed against private property, against marriage, against the State? Has it not preached in the place of these, charity and poverty, celibacy, and mortification of the flesh, monastic life and Mother

⁸ This applies chiefly to Germany where the landed aristocracy and squirearchy have large portions of their estates cultivated for their own account by stewards, and are, moreover, extensive beetroot-sugar manufacturers and distillers of potato spirits. The wealthier British aristocracy are, as yet, rather above that; but they, too, know how to make up for declining rents by lending their names to floaters of more or less shady joint-stock companies.

Church? Christian Socialism is but the Holy Water with which the priest consecrates the heart-burnings of the aristocrat.

b. Petty Bourgeois Socialism

The feudal aristocracy was not the only class that was ruined by the bourgeoisie, not the only class whose conditions of existence pined and perished in the atmosphere of modern bourgeois society. The medieval burgesses and the small peasant bourgeoisie, were the precursors of the modern bourgeoisie. In those countries which are but little developed, industrially and commercially, these two classes still vegetate side by side with the rising bourgeoisie.

In countries where modern civilization has become fully developed, a new class of petty bourgeois has been formed, fluctuating between proletariat and bourgeoisie, and ever renewing itself as a supplementary part of bourgeois society. The individual members of this class, however, are being constantly hurled down into the proletariat by the action of competition, and, as modern industry develops, they even see the moment approaching when they will completely disappear as an independent section of modern society, to be replaced, in manufactures, agriculture and commerce, by overlookers, bailiffs and shopmen.

In countries like France, where the peasants constitute far more than half of the population, it was natural that writers who sided with the proletariat against the bourgeoisie, should use, in their criticism of the bourgeoisie régime, the standard of the peasant and petty bourgeois, and from the standpoint of these intermediate classes should take up the cudgels for the working-class. Thus arose petty bourgeois Socialism. Sismondi was the head of this school, not only in France, but also in England.

This school of Socialism dissected with great acuteness the contradictions in the conditions of modern production. It laid bare the hypocritical apologies of economists. It proved, incontrovertibly, the disastrous effects of machinery and division of labor; the concentration of capital and land in a few hands; overproduction and crises; it pointed out the inevitable ruin of the petty bourgeois and peasant, the misery of the proletariat, the anarchy in production, the crying inequalities in the distribution of wealth, the industrial war of extermination between nations, the dissolution of old moral bonds, of the old family relations, of the old nationalities.

In its positive aims, however, this form of Socialism aspires either to restoring the old means of production and of exchange, and with them the old property relations, and the old society, or to cramping the modern means of production and of ex-

change, within the frame work of the old property relations that have been, and were bound to be, exploded by those means. In either case, it is both reactionary and Utopian.

Its last words are: corporate guilds for manufacture; patriarchal relations in agriculture.

Ultimately, when stubborn historical facts had dispersed all intoxicating effects of self-deception, this form of Socialism ended in a miserable fit of the blues.

c. German or "True" Socialism

The Socialist and Communist literature of France, a literature that originated under the pressure of a bourgeoisie in power, and that was the expression of the struggle against this power, was introduced into Germany at a time when the bourgeoisie, in that country, had just begun its contest with feudal absolutism.

German philosophers, would-be philosophers, and beaux esprits, eagerly seized on this literature, only forgetting, that when these writings immigrated from France into Germany, French social conditions had not immigrated along with them. In contact with German social conditions, this French literature lost all its immediate practical significance, and assumed a purely literary aspect. Thus, to the German philosophers of the Eighteenth Cen-

tury, the demands of the first French Revolution were nothing more than the demands of "Practical Reason" in general, and the utterance of the will of the revolutionary French bourgeoisie signified in their eyes the laws of pure Will, of Will as it was bound to be, of true human Will generally.

The work of the German literati consisted solely in bringing the new French ideas into harmony with their ancient philosophical conscience, or rather, in annexing the French ideas without deserting their own philosophic point of view.

This annexation took place in the same way in which a foreign language is appropriated, namely by translation.

It is well known how the monks wrote silly lives of Catholic Saints over the manuscripts on which the classical works of ancient heathendom had been written. The German literati reversed this process with the profane French literature. They wrote their philosophical nonsense beneath the French original. For instance, beneath the French criticism of the economic functions of money they wrote "Alienation of Humanity," and beneath the French criticism of the bourgeois State they wrote, "De-thronement of the Category of the General," and so forth.

The introduction of these philosophical phrases at the back of the French historical criticisms **they**

dubbed "Philosophy of Action," "The Socialism," "German Science of Socialism," "Philosophical Foundation of Socialism," and so on.

The French Socialist and Communist literature was thus completely emasculated. And, since it ceased in the hands of the German to express the struggle of one class with the other, he felt conscious of having overcome "French one-sidedness" and of representing, not true requirements, but the requirements of Truth, not the interests of the pro-létariat, but the interests of Human Nature, of Man in general, who belongs to no class, has no reality, who exists only in the misty realm of philosophical phantasy.

This German Socialism, which took its schoolboy task so seriously and solemnly, and extolled its poor stock-in-trade in such mountebank fashion, meanwhile gradually lost its pedantic innocence.

The fight of the German, and, especially, of the Prussian bourgeoisie, against feudal aristocracy and absolute monarchy, in other words, the liberal movement, became more earnest.

By this, the long-wished-for opportunity was offered to "True Socialism" of confronting the political movement with the socialist demands, of hurling the traditional anathemas against liberalism, against representative government, against bourgeois competition, bourgeois freedom of the press, bourgeois

legislation, bourgeois liberty and equality, and of preaching to the masses that they had nothing to gain, and everything to lose, by this bourgeois movement. German Socialism forgot, in the nick of time, that the French criticism, whose silly echo it was, presupposed the existence of modern bourgeois society, with its corresponding economic conditions of existence, and the political constitution adapted thereto, the very things whose attainment was the object of the pending struggle in Germany.

To the absolute governments, with their following of parsons, professors, country squires and officials, it served as a welcome scarecrow against the threatening bourgeoisie.

It was a sweet finish after the bitter pills of floggings and bullets, with which these same governments, just at that time, dosed the German working-class risings.

While this "True" Socialism thus served the governments as a weapon for fighting the German bourgeoisie, it, at the same time, directly represented a reactionary interest, the interest of the German Philistines. In Germany the petty bourgeois class, a relic of the 16th century, and since then constantly cropping up again under various forms, is the real social basis of the existing state of things.

To preserve this class, is to preserve the existing state of things in Germany. The industrial and

political supremacy of the bourgeoisie threatens it with certain destruction; on the one hand, from the concentration of capital; on the other, from the rise of a revolutionary proletariat. "True" Socialism appeared to kill these two birds with one stone. It spread like an epidemic.

The robe of speculative cobwebs, embroidered with flowers of rhetoric, steeped in the dew of sickly sentiment, this transcendental robe in which the German Socialists wrapped their sorry "eternal truths," all skin and bone, served to wonderfully increase the sale of their goods amongst such a public.

And on its part, German Socialism recognized, more and more, its own calling as the bombastic representative of the petty bourgeois Philistine.

It proclaimed the German nation to be the model nation, and the German petty Philistine to be the typical man. To every villainous meanness of this model man it gave a hidden, higher, socialistic interpretation, the exact contrary of its true character. It went to the extreme length of directly opposing the "brutally destructive" tendency of Communism, and of proclaiming its supreme and impartial contempt of all class struggles. With very few exceptions, all the so-called Socialist and Communist publications that now (1847) circulate in Germany belong to the domain of this foul and enervating literature.

2. Conservative or Bourgeois Socialism

A part of the bourgeoisie is desirous of redressing social grievances, in order to secure the continued existence of bourgeois society.

To this section belong economists, philanthropists, humanitarians, improvers of the condition of the working class, organizers of charity, members of societies for the prevention of cruelty to animals, temperance fanatics, hole and corner reformers of every imaginable kind. This form of Socialism has, moreover, been worked out into complete systems.

We may cite Proudhon's "*Philosophie de la Misère*" as an example of this form.

The socialistic bourgeois want all the advantages of modern social conditions without the struggles and dangers necessarily resulting therefrom. They desire the existing state of society minus its revolutionary and disintegrating elements. They wish for a bourgeoisie without a proletariat. The bourgeoisie naturally conceives the world in which it is supreme to be the best; and bourgeois socialism develops this comfortable conception into various more or less complete systems. In requiring the proletariat to carry out such a system, and thereby to march straightway into the social New Jerusalem, it but requires in reality, that the proletariat should remain within the bounds of existing society, but should

cast away all its hateful ideas concerning the bourgeoisie.

A second and more practical, but less systematic, form of this socialism sought to depreciate every revolutionary movement in the eyes of the working class, by showing that no mere political reform, but only a change in the material conditions of existence, in economical relations, could be of any advantage to them. By changes in the material conditions of existence, this form of Socialism, however, by no means understands abolition of the bourgeois relations of production, an abolition that can be effected only by a revolution, but administrative reforms, based on the continued existence of these relations; reforms, therefore, that in no respect affect the relations between capital and labor, but, at the best, lessen the cost, and simplify the administrative work, of bourgeois government.

Bourgeois Socialism attains adequate expression, when, and only when, it becomes a mere figure of speech.

Free trade: for the benefit of the working class. Protective duties: for the benefit of the working class. Prison Reform: for the benefit of the working class. This is the last word and the only seriously meant word of bourgeois Socialism.

It is summed up in the phrase: the bourgeois is a bourgeois—for the benefit of the working class.

3. Critical-Utopian Socialism and Communism

We do not here refer to that literature which, in every great modern revolution, has always given voice to the demands of the proletariat: such as the writings of Babeuf and others.

The first direct attempts of the proletariat to attain its own ends were made in times of universal excitement, when feudal society was being overthrown. These attempts necessarily failed, owing to the then undeveloped state of the proletariat, as well as to the absence of the economic conditions for its emancipation, conditions that had yet to be produced, and could be produced by the impending bourgeois epoch alone. The revolutionary literature that accompanied these first movements of the proletariat had necessarily a reactionary character. It inculcated universal asceticism and social leveling in its crudest form.

The Socialist and Communist systems properly so-called, those of St. Simon, Fourier, Owen and others, spring into existence in the early undeveloped period, described above, of the struggle between proletariat and bourgeoisie (see section I. Bourgeoisie and Proletariat).

The founders of these systems see, indeed, the class antagonisms, as well as the action of the decomposing elements in the prevailing form of so-

ciety. But the proletariat, as yet in its infancy, offers to them the spectacle of a class without any historical initiative or any independent political movement.

Since the development of class antagonism keeps even pace with the development of industry, the economic situation, as they find it, does not as yet offer to them the material conditions for the emancipation of the proletariat. They therefore search after a new social science, after new social laws, that are to create these conditions.

Historical action is to yield to their personal inventive action, historically created conditions of emancipation to fantastic ones, and the gradual, spontaneous class-organization of the proletariat to an organization of society specially contrived by these inventors. Future history resolves itself, in their eyes, into the propaganda and the practical carrying out of their social plans.

In the formation of their plans they are conscious of caring chiefly for the interests of the working-class, as being the most suffering class. Only from the point of view of being the most suffering class does the proletariat exist for them.

The undeveloped state of the class struggle, as well as their own surroundings, cause Socialists of this kind to consider themselves far superior to all class antagonisms. They want to improve the condition of every member of society, even that of the

most favored. Hence, they habitually appeal to society at large, without distinction of class; nay, by preference, to the ruling class. For how can people, when once they understand their system, fail to see in it the best possible plan of the best possible state of society?

Hence, they reject all political, and especially all revolutionary action; they wish to attain their ends by peaceful means, and endeavor, by small experiments, necessarily doomed to failure, and by the force of example, to pave the way for the new social Gospel.

Such fantastic pictures of future society, painted at a time when the proletariat is still in a very undeveloped state, and has but a fantastic conception of its own position, correspond with the first instinctive yearnings of that class for a general reconstruction of society.

But these Socialist and Communist publications contain also a critical element. They attack every principle of existing society. Hence they are full of the most valuable materials for the enlightenment of the working class. The practical measures proposed in them, such as the abolition of the distinction between town and country, of the family, of the carrying on of industries for the account of private individuals, and of the wage system, the proclamation of social harmony, the conversion of the func-

tions of the State into a mere superintendence of production, all these proposals point solely to the disappearance of class-antagonisms which were, at that time, only just cropping up, and which, in these publications, are recognized under their earliest, indistinct and undefined forms only. These proposals, therefore, are of a purely Utopian character.

The significance of Critical-Utopian Socialism and Communism bears an inverse relation to historical development. In proportion as the modern class struggle develops and takes definite shape, this fantastic standing apart from the contest, these fantastic attacks on it lose all practical value and all theoretical justification. Therefore, although the originators of these systems were, in many respects, revolutionary, their disciples have, in every case, formed mere reactionary sects. They hold fast by the original views of their masters, in opposition to the progressive historical development of the proletariat. They, therefore, endeavor and that consistently, to deaden the class struggle and to reconcile the class antagonisms. They still dream of experimental realization of their social Utopias, of founding isolated "phalanstères," of establishing "Home Colonies," of setting up a "Little Icaria"⁹—duodec-

⁹ Phalanstères were socialist colonies on the plan of Charles Fourier. Icaria was the name given by Cabet to his Utopia and, later on, to his American Communist colony.

imo editions of the New Jerusalem, and to realize all these castles in the air, they are compelled to appeal to the feelings and purses of the bourgeois. By degrees they sink into the category of the reactionary conservative Socialists depicted above, differing from these only by more systematic pedantry, and by their fanatical and superstitious belief in the miraculous effects of their social science.

They, therefore, violently oppose all political action on the part of the working class; such action, according to them, can only result from blind unbelief in the new Gospel.

The Owenites in England, and the Fourierists in France, respectively, oppose the Chartists and the "Reformistes."

IV

POSITION OF THE COMMUNISTS IN RELATION TO THE VARIOUS EXISTING OPPOSITION PARTIES

Section II has made clear the relations of the Communists to the existing working class parties, such as the Chartists in England and the Agrarian Reformers in America.

The Communists fight for the attainment of the immediate aims, for the enforcement of the momentary interests of the working class; but in the movement of the present, they also represent and take

care of the future of that movement. In France the Communists ally themselves with the Social-Democrats,¹⁰ against the conservative and radical bourgeoisie, reserving, however, the right to take up a critical position in regard to phrases and illusions traditionally handed down from the great Revolution.

In Switzerland they support the Radicals, without losing sight of the fact that this party consists of antagonistic elements, partly of Democratic Socialists, in the French sense, partly of radical bourgeois.

In Poland they support the party that insists on an agrarian revolution, as the prime condition for national emancipation, that party which fomented the insurrection of Cracow in 1846.

In Germany they fight with the bourgeoisie whenever it acts in a revolutionary way, against the absolute monarchy, the feudal squirearchy, and the petty bourgeoisie.

But they never cease, for a single instant, to instill into the working class the clearest possible recognition of the hostile antagonism between bourgeoisie and proletariat, in order that the German

¹⁰ The party then represented in parliament by Ledru-Rollin, in literature by Louis Blanc, in the daily press by the "Reforme." The name of Social Democracy signified, with these its inventors, a section of the Democratic or Republican party more or less tinged with Socialism.

workers may straightway use, as so many weapons against the bourgeoisie, the social and political conditions that the bourgeoisie must necessarily introduce along with its supremacy, and in order that, after the fall of the reactionary classes in Germany, the fight against the bourgeoisie itself may immediately begin.

The Communists turn their attention chiefly to Germany, because that country is on the eve of a bourgeois revolution, that is bound to be carried out under more advanced conditions of European civilization, and with a more developed proletariat, than that of England was in the seventeenth, and of France in the eighteenth century, and because the bourgeois revolution in Germany will be but the prelude to an immediately following proletarian revolution.

In short, the Communists everywhere support every revolutionary movement against the existing social and political order of things.

In all these movements they bring to the front, as the leading question in each, the property question, no matter what its degree of development at the time.

Finally, they labor everywhere for the union and agreement of the democratic parties of all countries.

The Communists disdain to conceal their views and aims. They openly declare that their ends can

be attained only by the forcible overthrow of all existing social conditions. Let the ruling classes tremble at a Communistic revolution. The proletarians have nothing to lose but their chains. They have a world to win.

Working men of all countries, unite 1

IV

PETER KROPOTKIN

1842-1921

Kropotkin was a socialist who went one step further than Marx: the abolition of the state was to him the supreme necessity for the progress of mankind. He was led to this conclusion in part by experience and study, but primarily by an optimistic, sympathetic nature which saw the best in men.

In the *Memoirs of a Revolutionist*, a modest yet magnificent autobiography, Peter Kropotkin tells the story of his life. He was born in the "Old Equerries" quarter of Moscow, the residential district of the Russian nobility. The winters in the comfortable Moscow home, the summers passed on the large family estate worked by serfs, would not have turned an ordinary boy into a rebel. Only a sensitive child could be so grieved by the harsh treatment of the serfs, and by the stories of their sufferings endured when conscripted for the army. "Human feelings," he later wrote, "were not recognized, not even suspected, in serfs." His natural leanings were strengthened by reading Russian literature of a republican tone. At the age of twelve when he began writing stories inspired by an intelligent young tutor, he dropped forever the title of "Prince" to which he was born.

Kropotkin's father, a retired army officer, had no influence at court. But Peter, when eight years old, was

noticed by **the Tsar at a costume ball, and** this was sufficient to gain him admission to the corps of pages, the most aristocratic military school in Russia. When nearly fifteen he entered this school in St. Petersburg where he received an excellent education, both literary and scientific, under the guidance of a group of splendid teachers. Besides formal training, he was in constant correspondence with an elder brother Alexander who inspired him to read widely and to search for a philosophy of life. At the home of a married sister, he read extensively in the ancient Greek and the eighteenth century French philosophers. At a cousin's he found copies of the Russian revolutionary exile Herzen's paper, *The Polar Star*, which aroused an interest in politics and even led to the writing of a secret school paper urging a constitution for Russia.

When twenty years old, Kropotkin's schooling came to an end and he wished to complete his scientific education at the University. Lack of funds made this impossible and he was therefore confronted with the necessity of choosing a military career. Since he stood at the head of his class, a brilliant future was assured, when to the amazement of his comrades and teachers, he chose the Amur Cossacks, the least fashionable of all the regiments. Kropotkin made this decision partly because he was attracted by the possibility of scientific work in the newly annexed Amur region, partly because there was an opportunity of introducing the governmental reforms contemplated by the Tsar.

In 1862, at the last review of the graduating cadets, Alexander II addressed them in so violent a strain that Kropotkin muttered to himself: "Reaction, full speed backwards." The young officer's five years in Siberia fully substantiated his prophecy, for the era of reform which had opened so auspiciously with the freeing of the serfs was soon at an end. The central government stopped the attempts of the authorities in Siberia to introduce a liberal program. Disil-

lusioned, Kropotkin accepted with alacrity the opportunity to join an official party for exploration in Manchuria. On his return, the brutal suppression of a revolt of Polish political prisoners brought his dissatisfaction to a head and he resigned from the army.

These five years in Siberia were momentous in Kropotkin's life. On the one hand, he witnessed the stupidity and inefficiency of the government. On the other hand, he watched with interest and sympathy communities in Siberia working out their problems by free and complex social organizations. Common understanding, not state discipline, was the principle of action in the lives of these villagers. Kropotkin was prepared to become an anarchist.

Kropotkin spent the next four years at the University of St. Petersburg in the study of higher mathematics, while at the same time he continued the geographical work begun in Siberia. The Russian Geographical Society, recognizing the ability of the young scientist, sent him to Finland and Sweden for the exploration of glacial deposits.

In 1871 while Kropotkin was slowly making his way through Finland, geological hammer on his shoulder, a telegram arrived offering him the much coveted position of secretary to the Geographical Society. During these days of solitary travel two sets of ideas had coursed through his mind. He might continue in the work for which he was best fitted and which gave him the greatest pleasure. "But," he thought, "what right had I to these highest joys, when all around me was nothing but misery and struggle for a mouldy bit of bread." To become a scientist meant taking the bread from those who have not now enough. There was already so much known. If this knowledge became the possession of all, "would not science itself progress in leaps, and cause mankind to make strides in production, invention, and social creation, of which we are hardly in a condition now to measure the speed?" The masses, he maintained, want to

know and *can* learn, but there will be no progress while those with knowledge hold aloof. Kropotkin declined the secretaryship.

To clarify his opinions, he visited Switzerland to study at first hand the international socialist movement. He attended the meetings of the International Workingmen's Association in Geneva; but he rebelled against the wire-pulling and centralization of the orthodox Marxian organization. Another form of socialism, federalist in principle, had its center among the watchmakers of the Jura Mountains. A week's visit with the independent, equality-loving watchmakers, whose theories were expressed by the anarchist Bakunin, won him over. Kropotkin became an anarchist.

Returning to Russia in 1872, he found the movement "to the people" in full swing. A group of educated people was formed for the discussion of social problems and to distribute books amongst the masses. Kropotkin joined this group known as the "Circle of Tchaykovsky" at the very time that it was swept into the current of socialism, and Kropotkin himself promoted the ideas of Bakunin among its members. For two years, Kropotkin, but one of two or three thousand agitators throughout Russia, discussed socialism and anarchism at workers' meetings in St. Petersburg. Often after dinner at the Tsar's palace he jumped into a cab, changed into peasant's costume, and addressed meetings in the slums.

It was only a matter of time before the dreaded Third Section, the secret police, would round up the revolutionists. Kropotkin was caught and for three years was imprisoned in the Fortress of St. Peter and St. Paul. His escape from the hospital prison with the assistance of friends outside reads like a fictitious story of adventure. Eluding the police he made his way out of Russia to England.

In England Kropotkin supported himself by writing scientific reviews and notes, but his revolutionary **spirit pined**

for action. He went to Switzerland, joined the Jura Federation, and edited an anarchist paper. Expelled from Switzerland, France became his temporary home until 1882 when he was arrested and sentenced to prison, merely because he was a member of the International. On his release in 1886, he returned to England where he lived until 1917 with occasional visits to the continent and two lecture tours in the United States. Then the Russian Revolution permitted a return to his native land after an exile of forty years. However, he kept aloof from the Bolshevik régime which was certainly unsympathetic to anarchism, and led a quiet life of study in a small town near Moscow until his death in 1921.

Anarchism meant more than a statement of no-government to Kropotkin. In numerous pamphlets and in such books as *Fields, Factories and PVorkshops* and *Mutual Aid* he worked out a scientific and moral basis for a new form of human life. Opposing what he considered a falsification of the Darwinian theory of the struggle for existence, Kropotkin points out that in the animal world those species have survived which have relied most, not on struggle within the species, but on mutual aid. The fighting is against other species, against difficult environments, while within the species there is mutual helpfulness and coöperation. Mutual aid, then, is the chief factor in evolution. Many examples are brought forward to prove this point: the life of ants, bees, and many birds and mammals.

Coming now to the human species, Kropotkin maintains that "in history we see that precisely those epochs when small parts of humanity broke down the power of their rulers and reassumed their freedom were epochs of the greatest progress, economic and intellectual." He cites the free cities of the middle ages with their guilds as the best examples of this theory.

But it will be asked how men can live together without a government. Kropotkin answers that in the first place **free**

agreements need not be enforced—a scholar does not need to be fined for failure to finish his contributions to a coöperative work, a life-guard is not forced into a boat to rescue a drowning crew, policemen were not necessary to drive Garibaldi's soldiers to the battlefield. Secondly, men must work; it is a "psychological necessity." Only overwork is repulsive to human nature. Thirdly, most crime can be traced to the unequal distribution of wealth, not to the perversity of human nature.

Finally, there is a moral basis for anarchism. The moral sense, says Kropotkin, has its origin in sympathy, and the greater the imagination, the greater the sympathy. Ultimately, "to treat others as he would wish to be treated himself becomes with man and all sociable animals, simply a habit." Unfortunately, he maintained, there are still men who do not act according to the golden rule, and the struggle must be against them. When they have been overcome, socialism will remove economic domination by the minority while anarchism will take the place of the state's coercion, thus permitting the free development of the individual bound only by free agreements.

LAW AND AUTHORITY⁵

CHAPTER i

"When ignorance reigns in society and disorder in the minds of men, laws are multiplied, legislation is expected to do everything, and each fresh law being a fresh miscalculation, men are continually led to demand from it what can proceed only from themselves, from their own education and their own morality." It is not a revolutionist who says this, not even a reformer. It is the jurist, Dalloy, author of the collection of French law known as *Répertoire de la Législation* . And yet, though these lines were written by a man who was himself a maker and admirer of law, they perfectly represent the abnormal condition of our society.

In existing States a fresh law is looked upon as a remedy for evil. Instead of themselves altering what is bad, people begin by demanding a *law* to alter it. If the road between two villages is impassable, the peasant says:—"There should be a law about parish roads." If a park-keeper takes advantage of

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the want of spirit in those who follow him with servile observance and insults one of them, the insulted man, says, "There should be a law to enjoin more politeness upon park-keepers." If there is stagnation in agriculture or commerce, the husbandman, cattle-breeder, or corn speculator argues, "It is protective legislation that we require." Down to the old clothesman there is not one who does not demand a law to protect his own little trade. If the employer lowers wages or increases the hours of labor, the politician in embryo exclaims, "We must have a law to put all that to rights," instead of telling the workers that there are other, and much more effectual means of settling these things straight; namely, recovering from the employer the wealth of which he has been despoiling the workmen for generations. In short, a law everywhere and for everything! A law about fashions, a law about mad dogs, a law about virtue, a law to put a stop to all the vices and all the evils which result from human indolence and cowardice.

We are so perverted by an education which from infancy seeks to kill in us the spirit of revolt, and to develop that of submission *to* authority; we are so perverted by this existence under the ferule of a law, which regulates every event in life—our birth, our education, our development, our love, our friendship—that, if this state of things continues, we shall

lose all initiative, all habit of thinking for ourselves. Our society seems no longer able to understand that it is possible to exist otherwise than under the reign of Law, elaborated by a representative government and administered by a handful of rulers. And even when it has gone so far as to emancipate itself from the thralldom, its first care has been to reconstitute it immediately. "The Year I of Liberty" has never lasted more than a day, for after proclaiming it men put themselves the very *next* morning under the yoke of Law and Authority.

Indeed, for some thousands of years, those who govern us have done nothing but ring the changes upon "Respect for law, obedience to authority." This is the moral atmosphere in which parents bring up their children, and school only serves to confirm the impression. Cleverly assorted scraps of spurious science are inculcated upon the children to prove necessity of law; obedience to the law is made a religion; moral goodness and the law of the masters are fused into one and the same divinity. The historical hero of the schoolroom is the man who obeys the law, and defends it against rebels.

Later, when we enter upon public life, society and literature, impressing us day by day and hour by hour, as the water-drop hollows the stone, continue to inculcate the same prejudice. Books of history, of political science, of social economy, are stuffed

with this respect for law. Even the physical sciences have been pressed into the service by introducing artificial modes of expression, borrowed from theology and arbitrary power, into knowledge which is purely the result of observation. Thus our intelligence is successfully befogged, and always to maintain our respect for law. The same work is done by newspapers. They have not an article which does not preach respect for law, even where the third page proves every day the imbecility of that law, and shows how it is dragged through every variety of mud and filth by those charged with its administration. Servility before the law has become a virtue, and I doubt if there was ever even a revolutionist who did not begin in his youth as the defender of law against what are generally called "abuses," although these last are inevitable consequences of the law itself.

Art pipes in unison with would-be science. The hero of the sculptor, the painter, the musician, shields Law beneath his buckler, and with flashing eyes and distended nostrils stands ever ready to strike down the man who would lay hands upon her. Temples are raised to her; revolutionists themselves hesitate to touch the high priests consecrated to her service, and when revolution, is about to sweep away some ancient institution, it is still by law that it endeavors to sanctify the deed.

The confused mass of rules of conduct called Law, which has been bequeathed to us by slavery, serfdom, feudalism, and royalty, has taken the place of those stone monsters before whom human victims used to be immolated, and whom slavish savages dared not even touch lest they should be slain by the thunderbolts of heaven.

This *new* worship has been established with especial success since the rise to supreme power of the middle class—since the great French Revolution. Under the ancient *régime*, men spoke little of laws; unless, indeed, it were, with Montesquieu, Rousseau and Voltaire, to oppose them to royal caprice. Obedience to the good pleasure of the king and his lackeys was compulsory on pain of hanging or imprisonment. But during and after the revolutions, when the lawyers rose to power, they did their best to strengthen the principle upon which their ascendancy depended. The middle class at once accepted it as a dyke to dam up the popular torrent. The priestly crew hastened to sanctify it, to save their bark from foundering amid the breakers. Finally the people received it as an improvement upon the arbitrary authority and violence of the past.

To understand this, we must transport ourselves in imagination into the eighteenth century. Our hearts must have ached at the story of the atrocities committed by the all-powerful nobles of that time

upon the men and women of the people, before we can understand what must have been the magic influence upon the peasant's mind of the words, "Equality before the law, obedience to the law without distinction of birth or fortune." He who until then had been treated more cruelly than a beast, he who had never had any rights, he who had never obtained justice against the most revolting actions on the part of a noble, unless in revenge he killed him and was hanged—he saw himself recognized by this maxim, at least in theory, at least with regard to his personal rights, as the equal of his lord. Whatever this law might be, it promised to affect lord and peasant alike; it proclaimed the equality of rich and poor before the judge. The promise was a lie, and to-day we know it; but at that period it was an advance, a homage to justice, as hypocrisy is a homage rendered to truth. This is the reason that when the saviors of the menaced middle class (the Robespierres and the Dantons) took their stand upon the writings of the Rousseaus and the Voltaires, and proclaimed "Respect for law, the same for every man," the people accepted the compromise; for their revolutionary impetus had already spent its force in the contest with a foe whose ranks drew closer day by day. They bowed their neck beneath the yoke of law to save themselves from the arbitrary power of their lords.

The middle class has ever since continued to make the most of this maxim, which with another principle, that of representative government, sums up the whole philosophy of the bourgeois age, the nineteenth century. It has preached this doctrine in its schools, it has propagated it in its writings, it has moulded its art and science to the same purpose, it has thrust its beliefs into every hole and corner—like a pious Englishwoman, who slips tracts under the door—and it has done all this so successfully that to-day we behold the issue in the detestable fact that at the very moment when the spirit of turbulent criticism is re-awakening, men who long for freedom begin the attempt to obtain it by entreating their masters to be kind enough to protect them by modifying the laws which these masters themselves have created!

But times and tempers are changed since a hundred years ago. Rebels are everywhere to be found who no longer wish to obey the law without knowing whence it comes, what are its uses, and whither arises the obligation to submit to it, and the reverence with which it is encompassed. The rebels of our day are criticizing the very foundations of society which have hitherto been held sacred, and first and foremost amongst them that fetish, law. Just for this reason, the upheaval which is at hand, is no mere insurrection, it is a *Revolution*.

The critics analyze the sources of law, and find there either a god, product of the terrors of the savage, and stupid, paltry and malicious as the priests who vouch for its super-natural origin, or else, bloodshed, conquest by fire and sword. They study the characteristics of law, and instead of perpetual growth corresponding to that of the human race, they find its distinctive trait to be immobility, a tendency to crystallize what should be modified and developed day by day. They ask how law has been maintained, and in its service they see the atrocities of Byzantinism, the cruelties of the Inquisition, the tortures of the middle ages, living flesh torn by the lash of the executioner, chains, clubs, axes, the gloomy dungeons of prisons, agony, curses and tears. In our own days they see, as before, the axe, the cord, the rifle, the prison; on the one hand, the brutalized prisoner, reduced to the condition of a caged beast by the debasement of his whole moral being, and on the other, the judge, stripped of every feeling which does honor to human nature, living like a visionary in a world of legal fictions, revelling in the infliction of imprisonment and death, without even suspecting, in the cold malignity of his madness, the abyss of degradation into which he has himself fallen before the eyes of those whom he condemns.

They see a race of law-makers legislating without knowing what their laws are about; to-day voting a law on the sanitation of towns, without the faintest notion of hygiene, to-morrow making regulations for the armament of troops, without so much as understanding a gun; making laws about teaching and education without ever having given a lesson of any sort, or even an honest education to their own children; legislating at random in all directions, but never forgetting the penalties to be meted out to ragamuffins, the prison and the galleys, which are to be the portion of men a thousand times less immoral than these legislators themselves.

Finally, they see the jailer on the way to lose all human feeling, the detective trained as a bloodhound, the police spy despising himself; "informing," metamorphosed into a virtue; corruption, erected into a system; all the vices, all the evil qualities of mankind countenanced and cultivated to insure the triumph of law.

All this we see, and, therefore, instead of inanely repeating the old formula, "Respect the law," we say, "Despise law and all its attributes I" In place of the cowardly phrase, "Obey the law," our cry is "Revolt against all laws!"

Only compare the misdeeds accomplished in the name of each law with the good it has been able to

effect, and weigh carefully both good and evil, and you will see if we are right.

CHAPTER II

Relatively speaking, law is a product of modern times. For ages and ages mankind lived without any written law, even that graven in symbols upon the entrance stones of a temple. During that period, human relations were simply regulated by customs, habits and usages, made sacred by constant repetition, and acquired by each person in childhood, exactly as he learned how to obtain his food by hunting, cattle-rearing, or agriculture.

All human societies have passed through this primitive phase, and to this day a large proportion of mankind have no written law. Every tribe has its own manners and customs; customary law, as the jurists say. It has social habits, and that suffices to maintain cordial relations between the inhabitants of the village, the members of the tribe or community. Even amongst ourselves—the "civilized" nations—when we leave large towns, and go into the country, we see that there the mutual relations of the inhabitants are still regulated according to ancient and generally accepted customs, and not according to the written law of the legislators. The peasants of Russia, Italy and Spain, and even of a large part

of France and England, have no conception of written law. It only meddles with their lives to regulate their relations with the State. As to relations between themselves, though these are sometimes very complex, they are simply regulated according to ancient custom. Formerly, this was the case with mankind in general.

Two distinctly marked currents of custom are revealed by analysis of the usages of primitive people.

As man does not live in a solitary state, habits and feelings develop within him which are useful for the preservation of society and the propagation of the race. Without social feelings and usages, life in common would have been absolutely impossible. It is not law which has established them; they are anterior to all law. Neither is it religion which has ordained them; they are anterior to all religions. They are found amongst all animals living in society. They are spontaneously developed by the very nature of things, like those habits in animals which men call instinct. They spring from a process of evolution, which is useful, and, indeed, necessary, to keep society together in the struggle it is forced to maintain for existence. Savages end by no longer eating one another because they find it in the long run more advantageous to devote themselves to some sort of cultivation, than to enjoy the pleasure of

feasting upon the flesh of an aged relative once a year. Many travelers have depicted the manners of absolutely independent tribes, where laws and chiefs are unknown, but where the members of the tribe have given up stabbing one another in every dispute, because the habit of living in society has ended by developing certain feelings of fraternity and oneness of interest, and they prefer appealing to a third person to settle their differences. The hospitality of primitive peoples, respect for human life, the sense of reciprocal obligation, compassion for the weak, courage, extending even to the sacrifice of self for others which is first learnt for the sake of children and friends, and later for that of members of the same community—all these qualities are developed in man anterior to all law, independently of all religion, as in the case of the social animals. Such feelings and practices are the inevitable results of social life. Without being, as say priests and metaphysicians, inherent in man, such qualities are the consequence of life in common.

But side by side with these customs, necessary to the life of societies and the preservation of the race, other desires, other passions, and therefore other habits and customs, are evolved in human association. The desire to dominate others and impose one's own will upon them; the desire to seize upon the products of the labor of a neighboring tribe; the

desire to surround oneself with comforts without producing anything, whilst slaves provide their master with the means of procuring every sort of pleasure and luxury— these selfish, personal desires give rise to another current of habits and customs. The priest and the warrior, the charlatan who makes a profit out of superstition, and after freeing himself from the fear of the devil cultivates it in others; and the bully, who procures the invasion and pillage of his neighbors that he may return laden with booty and followed by slaves; these two, hand in hand, have succeeded in imposing upon primitive society customs advantageous to both of them, but tending to perpetuate their domination of the masses. Profiting by the indolence, the fears, the inertia of the crowd, and thanks to the continual repetition of the same acts, they have permanently established customs which have become a solid basis for their own domination.

For this purpose, they would have made use, in the first place, of that tendency to run in a groove, so highly developed in mankind. In children and all savages it attains striking proportions, and it may also be observed in animals. Man, when he is at all superstitious, is always afraid to introduce any sort of change into existing conditions; he generally venerates what is ancient. "Our fathers did so and so; they got on pretty well; they brought you up; they

were not unhappy; do the same I" the old say to the young every time the latter wish to alter things. The unknown frightens them, they prefer to cling to the past even when that past represents poverty, oppression and slavery.

It may even be said that the more miserable a man is, the more he dreads every sort of change, lest it may make him more wretched still. Some ray of hope, a few scraps of comfort, must penetrate his gloomy abode before he can begin to desire better things, to criticize the old ways of living, and prepare to imperil them for the sake of bringing about a change. So long as he is not imbued with hope, so long as he is not freed from the tutelage of those who utilize his superstition and his fears, he prefers remaining in his former position. If the young desire any change, the old raise a cry of alarm against the innovators. Some savages would rather die than transgress the customs of their country because they have been told from childhood that the least infraction of established routine would bring ill-luck and ruin the whole tribe. Even in the present day, what numbers of politicians, economists, and would-be revolutionists act under the same impression, and cling to a vanishing past. How many care only to seek for precedents. How many fiery innovators are mere copyists of bygone revolutions.

The spirit of routine, originating in superstition,

indolence, and cowardice, has in all times been the mainstay of oppression. In primitive human societies it was cleverly turned to account by priests and military chiefs. They perpetuated customs useful only to themselves, and succeeded in imposing them on the whole tribe. So long as this conservative spirit could be exploited so as to assure the chief in his encroachments upon individual liberty, so long as the only inequalities between men were the work of nature, and these were not increased a hundred-fold by the concentration of power and wealth, there was no need for law, and the formidable paraphernalia of tribunals and ever-augmenting penalties to enforce it.

But as society became more and more divided into two hostile classes, one seeking to establish its domination, the other struggling to escape, the strife began. Now the conqueror was in a hurry to secure the results of his actions in a permanent form, he tried to place them beyond question, to make them holy and venerable by every means in his power. Law made its appearance under the sanction of the priest, and the warrior's club was placed at its service. Its office was to render immutable such customs as were to the advantage of the dominant minority. Military authority undertook to ensure obedience. This new function was a fresh guarantee to the power of the warrior; now he had not only mere

brute force at his service; he was the defender of law.

If law, however, presented nothing but a collection of prescriptions serviceable to rulers, it would find some difficulty in insuring acceptance and obedience. Well, the legislators confounded in one code the two currents of custom of which we have just been speaking, the maxims which represent principles of morality and social union wrought out as a result of life in common, and the mandates which are meant to ensure eternal existence to inequality. Customs, absolutely essential to the very being of society, are, in the code, cleverly intermingled with usages imposed by the ruling caste, and both claim equal respect from the crowd. "Do not kill," says the code, and hastens to add, "And pay tithes to the priest." "Do not steal," says the code, and immediately after, "He who refuses to pay taxes, shall have his hand struck off."

Such was law; and it has maintained its two-fold character to this day. Its origin is the desire of the ruling class to give permanence to customs imposed by themselves for their own advantage. Its character is the skilful co-mingling of customs useful to society, customs which have no need of law to insure respect, with other customs useful only to rulers, injurious to the mass of the people, and maintained only by the fear of punishment.

Like individual capital, which was born of fraud and violence, and developed under the auspices of authority, law has no title to the respect of men. Born of violence and superstition, and established in the interests of consumer, priest and rich exploiter, it must be utterly destroyed on the day when the people desire to break their chains.

We shall be still better convinced of this when, in the next chapter, we have analyzed the ulterior development of laws under the auspices of religion, authority and the existing parliamentary system.

CHAPTER III

We have seen in the previous chapter how law originated in established usage and custom, and how from the beginning it has represented a skilful mixture of social habits, necessary to the preservation of the human race, with other customs imposed by those who used popular superstition as well as the right of the strongest for their own advantage. This double character of law has determined its later development during the growth of political organization. Whilst in the course of ages the nucleus of social custom inscribed in law has been subjected to but slight and gradual modifications, the other portion has been largely developed in directions *in-*

dictated by the interests of the dominant classes, and to the injury of the classes they oppress.

From time to time these dominant classes have allowed a law to be extorted from them which presented, or appeared to present, some guarantee for the disinherited. But then such laws have but repealed a previous law, made for the advantage of the ruling caste. "The best laws," says Buckle, "were those which repealed the preceding ones." But what terrible efforts have been needed, what rivers of blood have been spilt, every time there has been a question of the repeal of one of these fundamental enactments serving to hold the people in fetters. Before she could abolish the last vestiges of serfdom and feudal rights, and break up the power of the royal court, France was forced to pass through four years of revolution and twenty years of war. Decades of conflict are needful to repeal the least of the iniquitous laws, bequeathed us by the past, and even then they scarcely disappear except in periods of revolution.

The history of the genesis of capital has already been told by socialists many times. They have described how it was born of war and pillage, of slavery and serfdom, of modern fraud and exploitation. They have shown how it is nourished by the blood of the worker, and how little by little it has conquered the whole world. The same story, concern-

ing the genesis and development of law, has yet to be told. As usual, the popular intelligence has stolen a march upon men of books. It has already put together the philosophy of this history, and is busy laying down its essential landmarks.

Law, in its quality of guarantee of the results of pillage, slavery and exploitation, has followed the same phases of development as capital. Twin brother and sister, they have advanced hand in hand, sustaining one another with the suffering of mankind. In every country in Europe their history is approximately the same. It has differed only in detail; the main facts are alike; and to glance at the development of law in France or Germany is to know its essential traits and its phases of development in most of the European nations.

In the first instance, law was a national pact or contract. Such a contract was agreed upon between legions and people at the champs de Mars,¹ a relic of the same period is preserved even yet in the Field of May of the primitive Swiss cantons, despite the alterations effected by the interference of centralising and middle-class civilization. It is true that this contract was not always freely accepted. Even in those early days the rich and strong were imposing their will upon the rest. But at all events they

¹The annual assembly of the early Franks, originally held in March, there the first month of the year.

encountered an obstacle to their encroachments in the mass of the people, who often made them feel their power in return.

But as the Church on one side and the nobles on the other succeeded in enthralling the people, the right of law-making escaped from the hands of the nation and passed into those of the privileged orders. Fortified by the wealth accumulating in her coffers, the Church extended her authority. She tampered more and more with private life, and under pretext of saving souls, seized upon the labor of her serfs, she gathered taxes from every class, she increased her jurisdiction, she multiplied penalties, and enriched herself in proportion to the number of offenses committed, for the produce of every fine poured into her coffers. Laws had no longer any connection with the interest of the nation. "They might have been supposed to emanate rather from a council of religious fanatics than from legislators," observes an historian of French Law.

At the same time, as the baron likewise extended his authority over laborers in the fields and artisans in the towns, he, too, became legislator and judge. The few relics of national law dating from the tenth century are merely agreements regulating service, statute-labor, and tribute due from serfs and vassals to their lord. The legislators of that period were a handful of brigands organized for the plunder of a

people daily becoming more peaceful as they applied themselves to agricultural pursuits. These robbers exploited the feeling for justice inherent in the people, they posed as the administrators of that justice, made a source of revenue for themselves out of its fundamental principles and concocted laws to maintain their own domination.

Later on, these laws collected and classified by jurists formed the foundation of our modern codes. And are we to talk about respecting these codes, the legacy of baron and priest?

The first revolution, the revolt of the townships, was successful in abolishing only a portion of these laws; the charters of enfranchised towns are, for the most part, a mere compromise between baronial and episcopal legislation, and the new relations created within the free borough itself. Yet what a difference between these laws and the laws we have now! The town did not take upon itself to imprison and execute citizens for reasons of State: it was content to expel anyone who plotted with the enemies of the city, and to raze his house to the ground. It confined itself to imposing fines for so-called "crimes and misdemeanors," and in the townships of the twelfth century may even be discerned the just principle today forgotten which holds the whole community responsible for the misdoing of each of its members. The societies of that time looked upon

crime as an accident or misfortune; a conception common among the Russian peasantry at this moment. Therefore they did not admit of the principle of personal vengeance as preached by the Bible, but considered that the blame for each misdeed reverted to the whole society. It needed all the influence of the Byzantine church, which imported into the West the refined cruelties of Eastern despotism, to introduce into the manners of Gauls and Germans the penalty of death, and the horrible tortures afterwards inflicted on those regarded as criminals. Just in the same way, it needed all the influence of the Roman code, the product of the corruption of imperial Rome, to introduce the notions as to absolute property in land, which have overthrown the communistic customs of primitive people.

As we know, the free townships were not able to hold their own. Torn by intestine dissensions between rich and poor, burgher and serf, they fell an easy prey to royalty. And as royalty acquired fresh strength, the right of legislation passed more and more into the hands of a clique of courtiers. Appeal to the nation was made only to sanction the taxes demanded by the king. Parliament summoned at intervals of two centuries, according to the good pleasure or caprice of the court, "councils extraordinary," assemblies of notables, ministers, scarce heeding the "grievances of the king's subjects"—these are the

legislators of France. Later still, when all power is concentrated in a single man, who can say "I am the State," edicts are concocted in the "secret counsels of the prince," according to the whim of a minister, or of an imbecile king; and subjects must obey on pain of death. All judicial guarantees are abolished; the nation is the serf of royalty, and of a handful of courtiers. And at this period the most horrible penalties startle our gaze—the wheel, the stake, flaying alive, tortures of every description, invented by the sick fancy of monks and madmen, seeking delight in the sufferings of executed criminals.

The great Revolution began the demolition of this framework of law, bequeathed to us by feudalism and royalty. But after having demolished some portions of the ancient edifice, the Revolution delivered over the power of law-making to the bourgeoisie, who, in their turn, began to raise a fresh framework of laws intended to maintain and perpetuate middle-class domination among the masses. Their parliament makes laws right and left, and mountains of law accumulate with frightful rapidity. But what *are* all these laws at bottom?

The major portion have but one object—to protect private property, i. e., wealth acquired by the exploitation of man by man. Their aim is to open **out** to capital fresh fields for **exploitation**, and to **sane-**

tion the new forms which that exploitation continually assumes, as capital swallows up another branch of human activity, railways, telegraphs, electric light, chemical industries, the expression of man's thought in literature and science, etc. The object of the rest of these laws is fundamentally the same. They exist to keep up the machinery of government which serves to secure to capital the exploitation and monopoly of the wealth produced. Magistrature, police, army, public instruction, finance, all serve one God—capital; all have but one object—to facilitate the exploitation of the worker by the capitalist. Analyze all the laws passed and you will find nothing but this.

The protection of the person, which is put forward as the true mission of law, occupies an imperceptible space among them, for, in existing society, assaults upon the person directly dictated by hatred and brutality tend to disappear. Nowadays, if anyone is murdered, it is generally for the sake of robbing him; rarely from personal vengeance. But if this class of crimes and misdemeanors is continually diminishing, we certainly do not owe the change to legislation. It is due to the growth of humanitarianism in our societies, to our increasingly social habits rather than to the prescriptions of our laws. Repeal tomorrow every law dealing with the protection of **the** person, and tomorrow stop all proceedings **for**

assault, and the number of attempts dictated by personal vengeance and by brutality would not be augmented by one single instance.

It will, perhaps, be objected that during the last fifty years, a good many liberal laws have been enacted. But, if these laws are analyzed, it will be discovered that this liberal legislation consists in the repeal of the laws bequeathed to us by the barbarism of preceding centuries. Every liberal law, every radical program, may be summed up in these words,—abolition of laws grown irksome to the middle-class itself, and return and extension to all citizens of liberties enjoyed by the townships of the twelfth century. The abolition of capital punishment, trial by jury for all "crimes" (there was a more liberal jury in the twelfth century), the election of magistrates, the right of bringing public officials to trial, the abolition of standing armies, free instruction, etc., everything that is pointed out as an invention of modern liberalism, is but a return to the freedom which existed before Church and king had laid hands upon every manifestation of human life.

Thus the protection of exploitation directly by laws on property, and indirectly by the maintenance of the State, is both the spirit and the substance of our modern codes, and the one function of our costly legislative machinery. But it is time we gave

up being satisfied with mere phrases, and learned to appreciate their real significance. The law, which on its first appearance presented itself as a compendium of customs useful for the preservation of society, is now perceived to be nothing but an instrument for the maintenance of exploitation and the domination of the toiling masses by rich idlers. At the present day its civilizing mission is *nil*; it has but one object,—to bolster up exploitation.

This is what is told us by history as to the development of law. Is it in virtue of this history that we are called upon to respect it? Certainly not. It has no more title to respect than capital, the fruit of pillage; and the first duty of the revolutionists of the nineteenth century will be to make a bonfire of all existing laws as they will of all titles to property.

CHAPTER IV

The millions of laws which exist for the regulation of humanity appear upon investigation to be divided into three principal categories: protection of property, protection of persons, protection of government. And by analyzing each of these three categories, we arrive at the same logical and necessary conclusion: *the uselessness and hurtfulness of law.*

Socialists know what is meant by protection of

property. Laws on property are not made to guarantee either to the individual or to society the enjoyment of the produce of their own labor. On the contrary, they are made to rob the producer of a part of what he has created, and to secure to certain other people that portion of the produce which they have stolen either from the producer or from society as a whole. When, for example, the law establishes Mr. So-and-So's right to a house, it is not establishing his right to a cottage he has built for himself, or to a house he has erected with the help of some of his friends. In that case no one would have disputed his right. On the contrary, the law is establishing his right to a house which is *not* the product of his labor; first of all because he has had it built for him by others to whom he has not paid the full value of their work, and next because that house represents a social value which he could not have produced for himself. The law is establishing his right to what belongs to everybody in general and to nobody in particular. The same house built in the midst of Siberia would not have the value it possesses in a large town, and, as we know, that value arises from the labor of something like fifty generations of men who have built the town, beautified it, supplied it with water and gas, fine promenades, colleges, theatres, shops, railways, and

roads leading in all directions. Thus, by recognizing the right of Mr. So-and-So to a particular house in Paris, London or Rouen, the law is unjustly appropriating to him a certain portion of the produce of the labor of mankind in general. And it is precisely because this appropriation and all other forms of property bearing the same character are a crying injustice, that a whole arsenal of laws and a whole army of soldiers, policemen and judges are needed to maintain it against the good sense and just feeling inherent in humanity.

Well, half our laws,—the civil code in each country,—serves no other purpose than to maintain this appropriation, this monopoly for the benefit of certain individuals against the whole of mankind. Three-fourths of the causes decided by the tribunals are nothing but quarrels between monopolists—two robbers disputing over their booty. And a great many of our criminal laws have the same object in view, their end being to keep the workman in a subordinate position towards his employer, and thus afford security to exploitation.

As for guaranteeing the product of his labor to the producer, there are no laws which even attempt such a thing. It is so simple and natural, so much a part of the manners and customs of mankind, that law has not given it so much as a thought. Open brigandage, sword in hand, is no feature of our age.

Neither does one workman ever come and dispute the produce of his labor with another. If they have a misunderstanding they settle it by calling in a third person, without having recourse to law. The only person who exacts from another what that other has produced, is the proprietor, who comes in and deducts the lion's share. As for humanity in general, it everywhere respects the right of each to what he has created, without the interposition of any special laws.

As all the laws about property, which make up thick volumes of codes and are the delight of our lawyers, have no other object than to protect the unjust appropriation of human labor by certain monopolists, there is no reason for their existence, and, on the day of the Revolution, social revolutionists are thoroughly determined to put an end to them. Indeed, a bonfire might be made with perfect justice of all laws bearing upon the so-called "rights of property," all title-deeds, all registers, in a word, of all that is in any way connected with an institution which will soon be looked upon as a blot in the history of humanity, as humiliating as the slavery and serfdom of past ages.

The remarks just made upon laws concerning property are quite as applicable to the second category of laws; those for the maintenance of government, i. e., constitutional law.

It again is a complete arsenal of laws, decrees, ordinances, orders in council, and what not, all serving to protect the diverse forms of representative government, delegated or usurped, beneath which humanity is writhing. We know very well—anarchists have often enough pointed out in their perpetual criticism of the various forms of government—that the mission of all governments, monarchical, constitutional, or republican, is to protect and maintain by force the privileges of the classes in possession, the aristocracy, clergy and traders. A good third of our laws—and each country possesses some tens of thousands of them—the fundamental laws on taxes, excise duties, the organization of ministerial departments and their offices, of the army, the police, the Church, etc., have no other end than to maintain, patch up, and develop the administrative machine. And this machine in its turn serves almost entirely to protect the privileges of the possessing classes. Analyze all these laws, observe them in action day by day, and you will discover that not one is worth preserving.

About such laws there can be no two opinions. Not only anarchists, but more or less revolutionary radicals also, are agreed that the only use to be made of laws concerning the organization of government is to fling them into the fire.

The third category of law still remains to be

considered; that relating to the protection of the person and the detection and prevention of "crime." This is the most important because most prejudices attach to it; because, if law enjoys a certain amount of consideration, it is in consequence of the belief that this species of law is absolutely indispensable to the maintenance of security in our societies. These are laws developed from the nucleus of customs useful to human communities, which have been turned to account by rulers to sanctify their own domination. The authority of the chiefs of tribes, of rich families in towns, and of the king, depended upon their judicial functions, and even down to the present day, whenever the necessity of government is spoken of, its function as supreme judge is the thing implied. "Without a government men would tear one another to pieces," argues the village orator. "The ultimate end of all government is to secure twelve honest jurymen to every accused person," said Burke.

Well, in spite of all the prejudices existing on this subject, it is quite time that anarchists should boldly declare this category of laws as useless and injurious as the preceding ones.

First of all, as to so-called "crimes"—assaults upon persons—it is well known that two-thirds, and often as many as three-fourths, of such "crimes" are instigated by the desire to obtain possession of someone's wealth. This immense class of so-called "crimes

and misdemeanors" will disappear on the day on which private property ceases to exist. "But," it will be said, "there will always be brutes who will attempt the lives of their fellow citizens, who will lay their hands to a knife in every quarrel, and revenge the slightest offense by murder, if there are no laws to restrain and punishments to withhold them." This refrain is repeated every time the right of society *to punish* is called in question.

Yet there is one fact upon this head which at the present time is thoroughly established; the severity of punishment does not diminish the amount of crime. Hang, and, if you like, quarter murderers, and the number of murders will not decrease by one. On the other hand, abolish the penalty of death, and there will not be one murder more; there will be fewer. Statistics prove it. But if the harvest is good, and bread cheap, and the weather fine, the number of murders immediately decreases. This again is proved by statistics. The amount of crime always augments and diminishes in proportion to the price of provisions and the state of the weather. Not that all murderers are actuated by hunger. That is not the case. But when the harvest is good, and provisions are at an obtainable price, and when the sun shines, men, lighter-hearted and less miserable than usual, do not give way to gloomy passions, do not

from trivial motives plunge a knife into the bosom of a fellow creature.

Moreover, it is also a well known fact that the fear of punishment has never stopped a single murderer. He who kills his neighbor from revenge or misery does not reason much about consequences; and there have been few murderers who were not firmly convinced that they should escape presecution.

Without speaking of a society in which a man will receive a better education, in which the development of all his faculties, and the possibility of exercising them, will procure him so many enjoyments that he will not seek to poison them by remorse—without speaking of the society of the future—even in our society, even with those sad products of misery whom we see today in the public houses of great cities—on the day when no punishment is inflicted upon murderers, the number of murders will not be augmented by a single case. And it is extremely probable that it will be, on the contrary, diminished by all those cases which are due at present to habitual criminals, who have been brutalized in prisons.

We are continually being told of the benefits conferred by law, and the beneficial effect of penalties, but have the speakers ever attempted to strike a balance between the benefits attributed to laws and

penalties, and the degrading effect of these penalties upon humanity? Only calculate all the evil passions awakened in mankind by the atrocious punishments formerly inflicted in our streets! Man is the crudest animal upon earth. And who has pampered and developed the cruel instincts unknown, even among monkeys, if it is not the king, the judge, and the priests, armed with law, who caused flesh to be torn off in strips, boiling pitch to be poured into wounds, limbs to be dislocated, bones to be crushed, men to be sawn asunder to maintain their authority? Only estimate the torrent of depravity let loose in human society by the "informing" which is countenanced by judges, and paid in hard cash by governments, under pretext of assisting in the discovery of "crime." Only go into the jails and study what man becomes when he is deprived of freedom and shut up with other depraved beings, steeped in the vice and corruption which oozes from the very walls of our existing prisons. Only remember that the more these prisons are reformed, the more detestable they become. Our model modern penitentiaries are a hundred-fold more abominable than the dungeons of the middle ages. Finally, consider what corruption, what depravity of mind is kept up among men by the idea of obedience, the very essence of law; of chastisement; of authority having the right to

punish, to judge irrespective of our conscience and the esteem of our friends; of the necessity for executioners, jailers, and informers—in a word, by all the attributes of law and authority. Consider all this, and you will assuredly agree with us in saying that a law inflicting penalties is an abomination which should cease to exist.

Peoples without political organization, and therefore less depraved than ourselves, have perfectly understood that the man who is called "criminal" is simply unfortunate; that the remedy is not to flog him, to chain him up, or to kill him on the scaffold or in prison, but to help him by the most brotherly care, by treatment based on equality, by the usages of life among honest men. In the next revolution we hope that this cry will go forth:

"Burn the guillotines; demolish the prisons; drive away the judges, policemen and informers—the impurest race upon the face of the earth; treat as a brother the man who has been led by passion to do ill to his fellow; above all, take from the ignoble products of middle-class idleness the possibility of displaying their vices in attractive colors; and be sure that but few crimes will mar our society."

The main supports of crime are idleness, law and authority; laws about property, laws about government, laws about penalties and misdemeanors; and

authority, which takes upon itself to manufacture these laws and to apply them.

No more laws! No more judges! Liberty, equality, and practical human sympathy are the only effectual barriers we can oppose to the anti-social instincts of certain among us.

V

LEO TOLSTOY

1828-1910

Tolstoy's life was a long conflict between two sides of his character, a great love of the world and a deeply moral nature, which he could not reconcile. The struggle can be traced in his writings no less than in his actions.

Count Leo Tolstoy, one of the greatest of modern literary men, was born in 1828 on the family estate of Yasnaya Polyna in central European Russia. His parents, members of the aristocratic land and serf-owning class, died when he was but a boy, and his upbringing was entrusted to relatives and to private tutors. At the age of sixteen he entered the University of Kazan, but influenced by the writings of Rousseau, whose portrait he had worn around his neck when a schoolboy, he became disgusted with formal education. He left the University in 1847 filled with high resolves for self-perfection. Another attempt to study, this time at the University of St. Petersburg, met with the same failure. During the next three years Tolstoy vacillated between altruistic endeavors to run his estates on philanthropic lines and to educate his serfs, and living the dissolute existence of a young nobleman of fashion.

In 1851, disgusted with his aimless life, he joined his brother as a volunteer in the Caucasus and the two years spent with the Cossacks inspired the book by that name. His

heroes are the Cossack fighters and hunters, his heroine a beautiful Cossack girl. But even in this book we find the moral tone. Of the young Moscow aristocrat (Tolstoy himself) lying in the woods resting after the day's hunt, he writes: "Suddenly it seemed as if a new world were revealed to him. 'This is what happiness is/ he said to himself. 'Happiness consists in living for others.' "

While in the Caucasus he wrote his first book *Childhood*, a semi-autobiographical masterpiece, which was continued by *Boyhood* and *Youth*. In *Childhood* is the germ of his later Christian attitude. The sight of the praying fool and pilgrim, a typical Russian figure, will, he says, never die out of his memory. "O great Christian Grischa!" he writes. "Thy faith was so strong, that thou didst feel the nearness of God; thy love was so great that thy words poured from thy lips of themselves."

Meantime, the Crimean War had begun and in 1854 Tolstoy joined the Russian army in Sevastopol, where he distinguished himself for his bravery. His experiences are described in three sketches of the famous siege. He admires the bravery of the common soldiers, he is patriotic, yet he writes of his visit to the military hospital: "You behold frightful, soul-stirring scenes; you behold war, not from its conventional, beautiful, and brilliant side, with music and drum-beat, with fluttering flags and prancing generals, but you behold war in its real aspect—in blood, in sufferings, in death." And he asks why Christians who profess the one great law of love and self-sacrifice do not embrace each other like brothers.

After the war, Tolstoy made his first trip to western Europe. For his inner history its chief importance lies in the lasting effect made on his mind by witnessing an execution in Paris. His remarks on the event show the beginning of a strong antipathy to violence by the state. His second visit to Europe in 1860-1861 was caused partly by a revived

interest in education, partly by a desire to visit his brother dying of consumption. The death of this brother, and the execution, he later wrote, were the two events which destroyed all faith in the "superstition of progress."

Returning to Russia, Tolstoy undertook the duties of an "arbiter" in the emancipation of the serfs which had just been decreed. He was too much an individualist to work long with any governmental agency or any party, and he resigned the position as quickly as possible. His chief interests were now in the farming of his estates and in peasant education. In education he sought to carry out Rousseau's theories of the complete freedom of the pupil. We can see here another step in his abhorrence of violence.

Tolstoy had long cherished family life as the ideal existence and in 1862 he married Sofya Behrs, the daughter of a neighboring physician. The following fifteen years were the most productive of his literary life and his happiest. He now wrote his two greatest novels, *War and Peace*, a vast panorama of Russia in the days of the Napoleonic invasion, and *Anna Karenina*.

It is clear that Tolstoy never entirely submerged the desire for a satisfactory religious solution of life. At the age of fifty he astounded his readers by publishing *My Confession*, an autobiography and a confession of religious faith, of which *My Religion*, published in 1884, may be considered a continuation. Tolstoy writes that when he was forty-five years old, the question of the meaning of life presented itself as an overwhelming problem. Neither philosophy nor science could answer the question and since life was meaningless, Tolstoy contemplated suicide. Then he looked about him and finding that men chose to live and that they knew the meaning of life, he concluded that faith gave this meaning: "To know God and to live are one. God is life." Tolstoy became a regular communicant of the Orthodox Church, but not for long. He could not accept the miraculous ele-

ment in the Church's doctrines, and above all he could not approve of the Church's condoning the use of force both against heretics and in war and execution.

Tolstoy's next step, therefore, was to investigate the Scriptures in order to discover the true doctrine of Christ. "Almost from the first period of my childhood, when I began to read the New Testament/' he writes, "I was touched and stirred most of all by that portion of the doctrine of Christ which inculcates love, humility, self-denial, and the duty of returning good for evil." He read and re-read the Sermon on the Mount and found there the "center of gravity" of the whole of Christ's teachings *in* the words: "I say unto you, That ye resist not evil." (Matt. v. 39). Do not use violence, not even to resist evil, but "turn the other cheek." All follows from the primary injunction. According to Tolstoy, to kill, whether in war or in peace, is clearly against Christ's teaching. It is just as evident to Tolstoy that private property and the state itself must be abolished for they exist only by violence.

But it will be asked, how can mankind ever achieve the ideal of the Sermon on the Mount? Tolstoy has his answer ready in *The Kingdom of God is Wit Iiin You*, written in 1892-1893, from which a chapter has been selected to illustrate Tolstoy's religious and ethical ideas. He declares that there are only three conceptions of the significance of human life and that these "life-conceptions" form the basis of religion *in* every age. According to the first, the individual or animal life-conception, man's object is merely to gratify his desires. According to the second, the social or pagan life-conception, man wishes to gratify the will of his family, his race, and his state. According to the third, the divine life-conception, "Love is the impelling motive of his life, and his religion is the worship in deed and in truth of the beginning of all things,—of God Himself."

History, he maintained, is but the gradual transition from

the animal to the divine conception. For thousands of centuries, culminating in the Roman Empire, the animal life conception of the individual was evolving into the social life-conception of society and the state. From the advent of Christianity and the fall of imperial Rome, history has been the gradual change, still going on, from the social to the divine life-conception. It is becoming evident to an increasing number of people that we live in an era of contradiction between what we know to be the true life-conception, the divine based on Christ's teachings, and the social life-conception by which our actions are still guided. Let but one man follow Christ's precepts and, at an ever-increasing pace, the number will grow until the Kingdom of God is established.

Tolstoy set out to carry his principles into practice. He worked in the fields, he made shoes (poor ones to be sure), he gave all his property to his wife and lived as a guest with his own family. Finally this seemed insufficient and in 1910 at the age of eighty-two he left home, a pilgrim. Ten days after his departure, he died, refusing to see even his wife.

DOCTRINE OF NON-RESISTANCE TO EVIL BY FORCE
MUST INEVITABLY BE ACCEPTED BY MEN
OF THE PRESENT DAY *

Christianity is not a system of rules but a new conception of life, and therefore it was not obligatory and was not accepted in its true significance by all, but only by a few—Christianity is, moreover, prophetic of the destruction of the pagan life, and therefore of necessity of the acceptance of the Christian doctrines—Non-resistance to evil by force is one aspect of the Christian doctrine, which must inevitably in our times be accepted by men—Two methods of deciding every quarrel—First method is to find a universal definition of evil, which all must accept, and to resist this evil by force—Second method is the Christian one of complete non-resistance by force—Though the failure of the first method was recognised since the early days of Christianity, it was still proposed, and only as mankind has progressed it has become more and more evident that there cannot be any universal definition of evil—This is recognized by all at the present day, and if force is still used to resist evil, it is not because it is now regarded as right, but because people don't know how to avoid it—The difficulty of avoiding it is the result of the subtle and complex character of the government use of force—Force is used in four ways: intimidation, bribery, hypnotism, and coercion by force of arms—State-violence can never be suppressed by the forcible over-

* "The Kingdom of God is Within You." Published by William Heinemann, London, 1894 (Chapter VIII).

throw of the government—Men are led by the sufferings of the pagan mode of life to the necessity of accepting Christ's teaching with its doctrine of non-resistance by force—The consciousness of its truth which is diffused throughout our society, will also bring about its acceptance—This consciousness is in complete contradiction with our life—Tftis is specially obvious in compulsory military service, but through habit and the application of the four methods of violence by the State, men do not see this inconsistency of Christianity with the life of a soldier—They do not even see it, though the authorities themselves show all the immorality of a soldier's duties with perfect clearness—The call to military service is the supreme test for every man, when the choice is offered him between adopting the Christian doctrine of non-resistance, or slavishly submitting to the existing state organisation—Men usually renounce all they hold sacred, and submit to the demands of government, seeming to see no other course open to them—For men of the pagan conception of life there is no other course open, and never will be, in spite of the growing horrors of war—Society, made up of such men, must perish, and no social reorganisation can save it—Pagan life has reached its extreme limit, and will annihilate itself.

It is often said that if Christianity is a truth, it ought to have been accepted by everyone directly it appeared, and ought to have transformed men's lives for the better. But this is like saying that if the seed were ripe it ought at once to bring forth stalk, flower, and fruit.

The Christian religion is not a legal system which, being imposed by violence, may transform men's lives. Christianity is a new and higher conception

of life. A new conception of life cannot be imposed on men; it can only be freely assimilated. And it can only be freely assimilated in two ways: one spiritual and internal, the other experimental and external.

Some people—a minority—by a kind of prophetic instinct divine the truth of the doctrine, surrender themselves to it and adopt it. Others—the majority—only through a long course of mistakes, experiments, and suffering are brought to recognise the truth of the doctrine and the necessity of adopting it.

And by this experimental external method the majority of Christian men have now been brought to this necessity of assimilating the doctrine. One sometimes wonders what necessitated the corruption of Christianity which is now the greatest obstacle to its acceptance in its true significance.

If Christianity had been presented to men in its true, uncorrupted form, it would not have been accepted by the majority, who would have been as untouched by it as the nations of Asia are now. The peoples who accepted it in its corrupt form were subjected to its slow but certain influence, and by a long course of errors and experiments, and their resultant sufferings, have now been brought to the necessity of assimilating it in its true significance.

The corruption of Christianity and its acceptance

in its corrupt form by the majority of men was as necessary as it is that the seed should remain hidden for a certain time in the earth in order to germinate.

Christianity is at once a doctrine of truth and a prophecy. Eighteen centuries ago Christianity revealed to men the truth in which they ought to live, and at the same time foretold what human life would become if men would not live by it but continued to live by their previous principles, and what it would become if they accepted the Christian doctrine and carried it out in their lives.

Laying down in the Sermon on the Mount the principles by which to guide men's lives, Christ said: "Whosoever heareth these sayings of mine, and doeth them, I will liken him unto a wise man who built his house upon a rock; and the rain descended, and the floods came, and the winds blew and beat upon that house; and it fell not, for it was founded on a rock. And everyone that heareth these sayings and doeth them not shall be likened unto a foolish man who built his house upon the sand; and the rain descended, and the floods came, and the winds blew and beat upon that house; and it fell: and great was the fall of it" (Matt. vii. 24-27).

And now after eighteen centuries the prophecy has been fulfilled. Not having followed Christ's teaching generally and its application to social life

in non-resistance to evil, men have been brought in spite of themselves to the inevitable destruction foretold by Christ for those who do not fulfil his teaching.

People often think the question of non-resistance to evil by force is a theoretical one, which can be neglected. Yet this question is presented by life itself to all men, and calls for some answer from every thinking man. Ever since Christianity has been outwardly professed, this question is for men in their social life like the question which presents itself to a traveller when the road, on which he has been journeying, divides into two branches. He must go on and he cannot say: "I will not think about it, but will go on just as I did before." There was one road, now there are two, and he must make his choice.

In the same way since Christ's teaching has been known by men they cannot say: "I will live as before and will not decide the question of resistance or non-resistance to evil by force." At every new struggle that arises one must inevitably decide: "Am I, or am I not, to resist by force what I regard as evil?"

The question of resistance or non-resistance to evil arose when the first conflict between men took place, since every conflict is nothing else than resistance by force to what each of the combatants regards as evil. But before Christ, men did not see that resistance by force to what each regards as

evil, simply because one thinks evil what the other thinks good, is only one of the methods of settling the dispute, and that there is another method—that of not resisting evil by force at all.

Before Christ's teaching, it seemed to men that the one only means of settling a dispute was by resistance to evil by force. And they acted, accordingly, each of the combatants trying to convince himself and others that what each respectively regards as evil is actually, absolutely evil.

And to do this from the earliest time men have devised definitions of evil and tried to make them binding *on* everyone. And such definitions of evil sometimes took the form of laws, supposed to have been received by supernatural means, sometimes of the commands of rulers or assemblies to whom infallibility was attributed. Men resorted to violence against others and convinced themselves and others that they were directing their violence against evil recognised as such by all.

This means was employed from the earliest times, especially by those who had gained possession of authority, and for a long while its irrationality was not detected.

But the longer men lived in the world and the more complex their relations became, the more evident it was that to resist by force what each regarded as evil was irrational, that conflict was in no way

lessened thereby, and that no human definitions can succeed in making what some regard as evil be accepted as such by others.

Already at the time Christianity arose it was evident to a great number of people in the Roman Empire where it arose that what was regarded as evil by Nero and Caligula could not be regarded as evil by others. Even at that time men had begun to understand that human laws, though given out for divine laws, were compiled by men, and cannot be infallible, whatever the external majesty with which they are invested, and that erring men are not rendered infallible by assembling together and calling themselves a senate or any other name. Even at that time this was felt and understood by many. And it was then that Christ preached his doctrine, which consisted not only of the prohibition of resistance to evil by force, but gave a new conception of life and a means of putting an end to conflict between all men, not by making it the duty of one section only of mankind to submit without conflict to what is prescribed to them by certain authorities, but by making it the duty of all—and consequently of those in authority—not to resort to force against anyone in any circumstances.

This doctrine was accepted at the time by only a very small number of disciples. The majority of men, especially all who were in power even after

the nominal acceptance of Christianity, continued to maintain for themselves the principle of resistance by force to what they regarded as evil. So it was under the Roman and Byzantine emperors, and so it continued to be later.

The insufficiency of the principle of the authoritative definition of evil and resistance to it by force, evident as it was in the early ages of Christianity, becomes still more obvious through the division of the Roman Empire into many states of equal authority, through their hostilities and the internal conflicts that broke out within them.

But men were not ready to accept the solution given by Christ, and the old definitions of evil, which ought to be resisted, continued to be laid down by means of making laws binding on all and enforced by forcible means. The authority that decided what ought to be regarded as evil and resisted by force was at one time the pope, at another an emperor or king, an elective assembly or a whole nation. But both within and without the state there were always men to be found who did not accept as binding on themselves the laws given out as the decrees of a god, or made by men invested with a sacred character, or the institutions supposed to represent the will of the nation; and there were men who thought good what the existing authorities regarded as bad, and who struggled against the authorities

with the same violence as was employed against them.

The men invested with religious authority regarded as evil what the men and institutions, invested with temporal authority, regarded as good and *vice versa*, and the struggle grew more and more intense. And the longer men used violence as the means of settling their disputes, the more obvious it became that it was an unsuitable means, since there could be no external authority able to define evil recognised by all.

Things went on like this for eighteen centuries and at last reached the present position in which it is absolutely obvious that there is, and can be, no external definition of evil binding upon all. Men have come to the point of ceasing to believe in the possibility or even desirability of finding and establishing such a general definition. It has come to men in power ceasing to attempt to prove that what they regard as evil is evil, and simply declaring that they regard as evil what they don't like, while their subjects no longer obey them because they accept the definition of evil laid down by them, but simply obey because they cannot help themselves. It was not because it was a good thing, necessary and beneficial to men, and the contrary course would have been an evil, but simply because it was the will of those in

power that Nice was incorporated into France, and Lorraine into Germany, and Bohemia into Austria, and that Poland was divided, and Ireland and India ruled by the English government, and that the Chinese are attacked and the Africans slaughtered, and the Chinese prevented from immigrating by the Americans, and the Jews persecuted by the Russians, and that landowners appropriate lands they do not cultivate and capitalists enjoy the fruits of the labour of others. It has come to the present state of things; one set of men commit acts of violence no longer on the pretext of resistance to evil, but simply for their profit or their caprice, and another set submit to violence, not because they suppose, as was supposed in former times, that this violence was practised upon them for the sake of securing them from evil, but simply because they cannot avoid it.

If the Roman, or the man of mediaeval times, or the average Russian of fifty years ago as I remember him, was convinced without a shade of doubt that the violence of authority was indispensable to preserve him from evil; that taxes, dues, serfage, prisons, scourging, knouts, executions, the army and war were what ought to be,—we know now that one can seldom find a man who believes that all these means of violence preserve anyone from any evil whatever, and indeed does not clearly perceive that

most of these acts of violence to which he ¹⁹ exposed, and in which he has some share, are in themselves a great and useless evil.

There is no one to-day who does not see the uselessness and injustice of collecting taxes from the toiling masses to enrich idle officials; or the senselessness of inflicting punishments on weak or depraved persons in the shape of transportation from one place to another, or of imprisonment in a fortress where, living in security and indolence, they only become weaker and more depraved; or the worse than uselessness and injustice, the positive insanity and barbarity of preparations for war and of wars, causing devastation and ruin, and having no kind of justification. Yet these forms of violence continue and are supported by the very people who see their uselessness, injustice and cruelty, and suffer from them. If fifty years ago the idle rich man and the illiterate labourer were both alike convinced that their state of everlasting holiday for one and everlasting toil for the other was ordained by God himself, we know very well that nowadays, thanks to the growth of population and the diffusion of books and education, it would be hard to find in Europe, or even in Russia, either among rich or poor, a man to whom in one shape or another a doubt as to the justice of this state of things had never presented itself. The rich know that they are guilty in the

very fact of being rich, and try to expiate their guilt by sacrifices to art and science, as of old they expiated their sins by sacrifices to the Church. And even the larger half of the working people openly declare that the existing order is iniquitous and bound to be destroyed or reformed. One set of religious people of whom there are millions in Russia, the so-called sectaries, consider the existing social order as unjust and to be destroyed on the ground of the Gospel teaching taken in its true sense. Others regard it as unjust on the ground of the socialistic, communistic, or anarchistic theories, which are springing up in the lower strata of the working people. Violence no longer rests on the belief in its utility, but only on the fact of its having existed so long, and being organised by the ruling classes who profit by it, so that those who are under their authority cannot extricate themselves from it. The governments of our day—all of them, the most despotic and the liberal alike—have become what Herzen so well called "Ghengis Khan with the telegraph:" that is to say, organisations of violence based on no principle but the grossest tyranny, and at the same time taking advantage of all the means invented by science for the peaceful collective social activity of free and equal men, used by them to enslave and oppress their fellows.

Governments and the ruling classes no longer

take their stand on right or even on the semblance of justice, but on a skilful organisation carried to such a point of perfection by the aid of science that every one is caught in the circle of violence and has no chance of escaping from it. This circle is made up now of four methods of working upon men, joined together like the links of a chain ring.

The first and oldest method is intimidation. This consists in representing the existing state organisation (whatever it may be—free republic or the most savage despotism) as something sacred and immutable, and therefore following any efforts to alter it with the cruellest punishments. This method is in use now—as it has been from olden times—wherever there is a government: in Russia against the so-called Nihilists, in America against Anarchists, in France against Imperialists, Legitimists, Communards, and Anarchists.

Railways, telegraphs, telephones, photographs, and the great perfection of the means of getting rid of men for years without killing them, by solitary confinement, where, hidden from the world, they perish and are forgotten, and the many other modern inventions employed by government, give such power that when once authority has come into certain hands, the police, open and secret, the administration and prosecutors, gaolers and executioners of all kinds, do their work so zealously that there

is no chance of overturning the government, however cruel and senseless it may be.

The second method is corruption. It consists in plundering the industrious working people of their wealth by means of taxes and distributing it in satisfying the greed of officials, who are bound in return to support and keep up the oppression of the people. These bought officials, from the highest ministers to the poorest copying clerks, make up an unbroken network of men bound together by the same interest—that of living at the expense of the people. They become the richer the more submissively they carry out the will of the government; and at all times and places, sticking at nothing, in all departments support by word and deed the violence of government on which their own prosperity also rests.

The third method is what I can only describe as hypnotising the people. This consists in checking the moral development of men, and by various suggestions keeping them back in the ideal of life, outgrown by mankind at large, on which the power of government rests. This hypnotising process is organised at the present in the most complex manner, and starting from their earliest childhood continues to act on men till the day of their death. It "begins in their earliest years in the compulsory schools, created for this purpose, in which the children have instilled into them the ideas of life of their ancestors,

which are in direct antagonism with the conscience of the modern world. In countries where there is a state religion, they teach the children the senseless blasphemies of the church catechisms, together with the duty of obedience to their superiors. In republican states they teach them the savage superstition of patriotism and the same pretended obedience to the governing authorities.

The process is kept up during later years by the encouragement of the religious and patriotic superstitions.

The religious superstition is encouraged by establishing, with money taken from the people, temples, processions, memorials, and festivals, which, aided by painting, architecture, music, and incense, intoxicate the people, and above all by the support of the clergy, whose duty consists in brutalising the people and keeping them in a permanent state of stupefaction by their teaching, the solemnity of their services, their sermons, and their interference in private life—at births, deaths, and marriages. The patriotic superstition is encouraged by the creation, with money taken from the people, of national fêtes, spectacles, monuments, and festivals to dispose men to attach importance to their own nation, and to the aggrandisement of the state and its rulers, and to feel antagonism and even hatred for other nations. With these objects under despotic govern-

ments there is direct prohibition against printing and disseminating books to enlighten the people, and everyone who might rouse the people from their lethargy is exiled or imprisoned. Moreover under every government without exception everything is kept back that might emancipate and everything encouraged that tends to corrupt the people, such as literary works tending to keep them in the barbarism of religious and patriotic superstition, all kinds of sensual amusements, spectacles, circuses, theatres, and even the physical means of inducing stupefaction, as tobacco and alcohol, which form the principal source of revenue of states. Even prostitution is encouraged and not only recognised but even organised by the government in the majority of states. So much for the third method.

The fourth method consists in selecting from all the men who have been stupefied and enslaved by the three former methods a certain number, exposing them to special and intensified means of stupefaction and brutalisation and so making them into a passive instrument for carrying out all the cruelties and brutalities needed by the government. This result is attained by taking them at that youthful age when men have not had time to form clear and definite principles of morals, and removing them from all natural and human conditions of life, home, family and kindred, and useful labour. They are shut

up together in barracks, dressed in special clothes, and worked upon by cries, drums, music, and shining objects to go through certain daily actions invented for this purpose, and by this means are brought into an hypnotic condition in which they cease to be men and become mere senseless machines, submissive to the hypnotiser. These physically vigorous young men (in these days of universal conscription all young men) hypnotised, armed with murderous weapons, always obedient to the governing authorities and ready for any act of violence at their command, constitute the fourth and principal method of enslaving men.

By this method the circle of violence is completed.

Intimidation, corruption, and hypnotising bring people into a condition in which they are willing to be soldiers; the soldiers give the power of punishing and plundering them (and purchasing officials with the spoils), and hypnotising them and converting them in time into these same soldiers again.

The circle is complete, and there is no chance of breaking through it by force.

Some persons maintain that freedom from violence, or at least a great diminution of it, may be gained by the oppressed forcibly overturning the oppressive government and replacing it by a new one under which such violence and oppression will

be unnecessary; but they deceive themselves and others, and their efforts do not better the position of the oppressed but only make it worse. Their conduct only tends to increase the despotism of government. Their efforts only afford a plausible pretext for government to strengthen their power.

Even if we admit that under a combination of circumstances specially unfavourable for the government, as in France in 1870, any government might be forcibly overturned and the power transferred to other hands, the new authority would rarely be less oppressive than the old one; on the contrary, always having to defend itself against its dispossessed and exasperated enemies, it would be more despotic and cruel, as has always been the rule in all revolutions.

While socialists and communists regard the individualistic, capitalistic organisation of society as an evil, and the anarchists regard as an evil all government whatever, there are royalists, conservatives, and capitalists who consider any socialistic or communistic organisation or anarchy as an evil, and all these parties have no means other than violence to bring men to agreement. Whichever of these parties were successful in bringing their schemes to pass, must resort to support its authority to all the existing methods of violence and even invent new ones.

The oppressed would be another set of people,

and coercion would take some new form; but the violence and oppression would be unchanged **or** even more cruel, since hatred would be intensified by the struggle, and new forms of oppression would have been devised. So it has always been after all revolutions and all attempts at revolution, all conspiracies, and all violent changes of government. Every conflict only strengthens the means of oppression in the hands of those who happen at a given moment to be in power.

The position of our Christian society, and especially the idéals most current in it, prove this in a strikingly convincing way.

There remains now only one sphere of human life not encroached upon by government authority—that is the domestic, economic sphere, the sphere of private life and labour. And even this is now—thanks to the efforts of communists and socialists—being gradually encroached upon by government, so that labour and recreation, dwellings, dress, and food will gradually, if the hopes of the reformers are successful, be prescribed and regulated by government.

The slow progress of eighteen centuries has brought the Christian nations again to the necessity of deciding the question they have evaded—the question of the acceptance or non-acceptance of Christ's teaching, and the question following upon it **in** so-

cial life of resistance or non-resistance to evil by force. But there is this difference: that whereas formerly men could accept or refuse to accept the solution given by Christ, now that solution cannot be avoided, since it alone can save men from the slavery in which they are caught like a net.

But it is not only the misery of the position which makes this inevitable.

While the pagan organisation has been proved more and more false, the truth of the Christian religion has been growing more and more evident.

Not in vain have the best men of Christian humanity, who apprehended the truth by spiritual intuition, for eighteen centuries testified to it in spite of every menace, every privation, and every suffering. By their martyrdom they passed on the truth to the masses, and impressed it on their hearts.

Christianity has penetrated into the consciousness of humanity, not only negatively by the demonstration of the impossibility of continuing in the pagan life, but also through its simplification, its increased clearness and freedom from the superstitions intermingled with it, and its diffusion through all classes of the population.

Eighteen centuries of Christianity have not passed without an effect even on those who accepted it only externally. These eighteen centuries have brought men so far that even while they continue to live the

pagan life which is no longer consistent with the development of humanity, they not only see clearly all the wretchedness of their position, but in the depths of their souls they believe (they can only live through this belief) that the only salvation from this position is to be found in fulfilling the Christian doctrine in its true significance. As to the time and manner of salvation, opinions are divided according to the intellectual development and the prejudices of each society. But every man of the modern world recognises that our salvation lies in fulfilling the law of Christ. Some believers in the supernatural character of Christianity hold that salvation will come when all men are brought to believe in Christ, whose second coming is at hand. Other believers in supernatural Christianity hold that salvation will come through the Church, which will draw all men into its fold, train them in the Christian virtues, and transform their life. A third section, who do not admit the divinity of Christ, hold that the salvation of mankind will be brought about by slow and gradual process, through which the pagan principles of our existence will be replaced by the principles of liberty, equality and fraternity—that is, by Christian principles. A fourth section, who believe in the social revolution, hold that salvation will come when through a violent revolution men are forced into community of property, aboli-

tion of government, and collective, instead of individual, industry—that is to say, the realisation of one side of the Christian doctrine. In one way or another all men of our day in their inner consciousness condemn the existing effete pagan order, and admit, often unconsciously and while regarding themselves as hostile to Christianity, that our salvation is only to be found in the application of the Christian doctrine, or parts of it, in its true significance to our daily life.

Christianity cannot, as its Founder said, be realised by the majority of men all at once; it must grow like a huge tree from a tiny seed. And so it has grown, and now has reached its full development, not yet in actual life, but in the conscience of men of to-day.

Now not only the minority, who have always comprehended Christianity by spiritual intuition, but all the vast majority who seem so far from it in their social existence recognise its true significance.

Look at individual men in their private life, listen to their standards of conduct in their judgment of one another; hear not only their public utterances, but the counsels given by parents and guardians to the young in their charge; and you will see that, far as their social life, based on violence, may be from realising Christian truth, in their private life, what is considered good by all without excep-

tion are nothing but the Christian virtues, what is considered as bad is nothing but the antichristian vices. Those who consecrate their lives self-sacrificingly to the service of humanity are regarded as the best men. The selfish, who make use of the misfortunes of others for their own advantage, are regarded as the worst of men.

Though some non-Christian ideals, such as strength, courage and wealth, are still worshipped by a few who have not been penetrated by the Christian spirit, these ideals are out of date and are abandoned, if not by all, at least by all those regarded as the best people. There are no ideals, other than the Christian ideals, which are accepted by all and regarded as binding on all.

The position of our Christian humanity, if you look at it from the outside, with all its cruelty and degradation of men, is terrible indeed. But if one looks at it within, in its inner consciousness, the spectacle it presents is absolutely different.

All the evil of our life seems to exist only because it has been so for so long; those who do the evil have not had time yet to learn how to act otherwise, though they do not want to act as they do.

All the evil seems to exist through some cause independent of the conscience of men.

Strange and contradictory as it seems, all men

of the present day hate the very social order they are themselves supporting.

I think it is Max Müller who describes the amazement of an Indian convert to Christianity who, after absorbing the essence of the Christian doctrine, came to Europe and saw the actual life of Christians. He could not recover from his astonishment at the complete contrast between the reality and what he had expected to find among Christian nations. If we feel no astonishment at the contrast between our convictions and our conduct, that is because the influences, tending to obscure the contrast, produce an effect upon us too. We need only look at our life from the point of view of that Indian, who understood Christianity in its true significance, without any compromises or concessions, we need but look at the savage brutalities of which our life is full, to be appalled at the contradictions in the midst of which we live often without observing them.

We need only recall the preparations for war, the mitrailleuses, the silver-gilt bullets, the torpedoes and—the Red Cross; the solitary prison-cells, the experiments of execution by electricity—and the care of the hygienic welfare of prisoners; the philanthropy of the rich, and—their life, which produces the poor they are benefiting.

And these inconsistencies are not, as it might

seem, because men pretend to be Christians while they are really pagans, but because of something lacking in men, or some kind of force hindering them from being what they already feel themselves to be in their consciousness, and what they genuinely wish to be. Men of the present day do not merely pretend to hate oppression, inequality, class distinction, and every kind of cruelty to animals as well as human beings. They genuinely detest all this, but they do not know how to put a stop to it, or perhaps cannot decide to give up what preserves it all, and seems to them necessary.

Indeed, ask every man separately whether he thinks it laudable and worthy of a man of this age to hold a position from which he receives a salary disproportionate to his work; to take from the people—often in poverty—taxes to be spent on constructing cannon, torpedoes, and other instruments of butchery, so as to make war on people with whom we wish to be at peace, and who feel the same wish in regard to us; or to receive a salary for devoting one's whole life to constructing these instruments of butchery, or to preparing oneself and others for the work of murder. And ask him whether it is laudable and worthy of a man, and suitable for a Christian, to employ himself, for a salary, in seizing wretched, misguided, often illiterate and drunken, **creatures** because **they** appropriate the **property of**

others—on a much smaller scale than we do—or because they kill men in a different fashion from that in which we undertake to do it—and shutting them in prison for it, ill-treating them, and killing them? And whether it is laudable and worthy of a man and a Christian to preach for a salary to the people, not Christianity, but superstitions which one knows to be stupid and pernicious. And whether it is laudable and worthy of a man to rob his neighbour for his gratification, of what he wants to satisfy his simplest needs, as the great landowners do? Or to force him to exhausting labour beyond his strength, to augment one's wealth, as do factory owners and manufacturers? Or to profit by the poverty of men to increase one's gains, as merchants do? And every one taken separately, especially if one's remarks are directed at some one else, not himself, will answer "No I" And yet the very man who sees all the baseness of those actions, of his own free will, uncoerced by any one, often even for no pecuniary profit, but only from childish vanity, for a china cross, a scrap of ribbon, a bit of fringe he is allowed to wear, will enter military service, become a magistrate or justice of the peace, commissioner, archbishop or beadle, though in fulfilling these offices he must* commit acts the baseness and shamefulness of which he cannot fail to recognise.

I know that many of these men will confidently

try to prove that they have reasons for regarding their position as legitimate and quite indispensable. They will say in their defence that authority is given by God, that the functions of the state are indispensable for the welfare of humanity, that property is not opposed to Christianity; that the rich young man was only commanded to sell all he had and give to the poor if he wished to be perfect; that the existing distribution of property and our commercial system must always remain as they are, and are to the advantage of all, and so on. But, however much they try to deceive themselves and others, they all know that what they are doing is opposed to all the beliefs which they profess, and in the depths of their souls, when they are left alone with their conscience, they are ashamed and miserable at the recollection of it, especially if the baseness of their action has been pointed out to them. A man of the present day, whether he believes in the divinity of Christ or *not*, cannot fail to see that to assist in the capacity of Tsar, minister, governor or commissioner, in taking from a poor family its last cow for taxes to be spent on cannons, or on the pay and pensions of idle officials, who live in luxury and are worse than useless; or in putting into prison some man we have ourselves corrupted, and throwing his family on the streets; or in plundering and butchering in war; or in inculcating savage

and idolatrous superstitions in the place of the law of Christ; or in impounding the cow found on one's land though it belongs to a man who has no land; or to cheat the workman in a factory by imposing fines for accidentally spoiled articles; or making a poor man pay double the value for anything simply because he is in the direst poverty;— not a man of the present day can fail to know that all these actions are base and disgraceful, and that they need not do them. They all know it. They know that what they are doing is wrong, and would not do it for anything in the world if they had the power of resisting the forces which shut their eyes to the criminality of their actions and impel them to commit them.

In nothing is the pitch of inconsistency modern life has attained to so evident as in universal conscription, which is the last resource and the final expression of violence.

Indeed, it is only because this state of universal armament has been brought about gradually and imperceptibly, and because governments have exerted, in maintaining it, every resource of intimidation, corruption, brutalisation and violence, that we do not see its flagrant inconsistency with the Christian ideas and sentiments by which the modern world is permeated.

We are so accustomed to the inconsistency that

we do not see all the hideous folly and immorality of men voluntarily choosing the profession of butchery as though it were an honourable career, of poor wretches submitting to conscription, or in countries where compulsory service has not been introduced, of people voluntarily abandoning a life of industry to recruit soldiers and train them as murderers. We know that all of these men are either Christians, or profess humane and liberal principles, and they know that they thus become partly responsible—through universal conscription, personally responsible—for the most insane, aimless and brutal murders. And yet they all do it.

More than that, in Germany, where compulsory service first originated, Caprivi has given expression to what had been hitherto so assiduously concealed—that is, that the men that the soldiers will have to kill are not foreigners alone, but their own countrymen, the very working people from whom they themselves are taken. And this admission has not opened people's eyes, has not horrified them. They still go like sheep to the slaughter, and submit to everything required of them.

And that is not all: the Emperor of Germany has lately shown still more clearly the duties of the army, by thanking and rewarding a soldier for killing a defenceless citizen who made his approach incautiously. By rewarding an action always regarded as base

and cowardly even by men on the lowest level of morality, William has shown that a soldier's chief duty—the one most appreciated by the authorities—is that of executioner; and not a professional executioner who kills only condemned criminals, but one ready to butcher any innocent man at the word of command.

And even that is not all. In 1892, the same William, the *enfant terrible* of state authority, who says plainly what other people only think, in addressing some soldiers gave public utterance to the following speech, which was reported next day in thousands of newspapers:—"Conscripts!" he said, "you have sworn fidelity to *me* before the altar and the minister of God! You are still too young to understand all the importance of what has been said here; let your care before all things be to obey the orders and instructions given you. You have sworn fidelity to *me*, lads of my guard; *that means that you are now my soldiers, that you have given yourselves to me body and soul.* For you there is now but one enemy, my enemy. *In these days of Socialistic sedition it may come to pass that I command you to fire on your own kindred, your brothers, even your own fathers and mothers—which God forbid!* even then you are bound to obey my orders without hesitation."

This man expresses what all sensible rulers think,

but studiously conceal. He says openly that the soldiers are in *his* service, at *his* disposal, and must be read for *his* advantage to murder even their brothers and fathers.

In the most brutal words he frankly exposes all the horror and criminality for which men prepare themselves in entering the army, and the depths of ignominy to which they fall in promising obedience. Like a bold hypnotiser, he tests the degree of insensibility of the hypnotised subject. He touches his skin with a red-hot iron; the skin smokes and scorches, but the sleeper does not awake.

This miserable man, imbecile and drunk with power, outrages in this utterance everything that can be sacred for a man of the modern world. And yet all the Christians, liberals, and cultivated people, far from resenting this outrage, did not even observe it.

The last, the most extreme test is put before men in its coarsest form. And they do not seem even to notice that it is a test, that there is any choice about it. They seem to think there is no course open but slavish submission. One would have thought these insane words, which outrage everything a man of the present day holds sacred, must rouse indignation. But there has been nothing of the kind.

All the young men through the whole of Europe are exposed year after year to this test, and, with

very few exceptions, they all renounce all that a man can hold sacred, all express their readiness to kill their brothers, even their fathers, at the bidding of the first crazy creature, dressed up in a livery with red and gold trimming, and only wait to be told where and when they are to kill. And they actually are ready.

Every savage has something he holds sacred, something for which he is ready to suffer, something he will not consent to do. But what is it that is sacred to the civilised man of to-day? They say to him: "You must become my slave, and this slavery may force you to kill even your own father;" and he, often very well educated, trained in all the sciences at the university, quietly puts his head under the yoke. They dress him up in a clown's costume, and order him to cut capers, turn and twist and bow, and kill—he does it all submissively. And when they let him go, he seems to shake himself and go back to his former life, and he continues to discourse upon the dignity of man, liberty, equality and fraternity as before.

"Yes, but what is one to do?" people often ask in genuine perplexity; "if every one would stand out it would be something, but by myself I shall only suffer without doing any good to any one."

And that is true. A man with the social concep-

tion of life cannot resist. The aim of his life is his personal welfare. It is better for his personal welfare for him to submit and he submits.

Whatever they do to him, however they torture or humiliate him, he will submit, for, alone, he can do nothing; he has no principle for the sake of which he could resist violence alone. And those who control them never allow them to unite together. It is often said that the invention of terrible weapons of destruction will put an end to war. That is an error. As the means of extermination are improved, the means of reducing men who hold the state conception of life to submission can be improved to correspond. They may slaughter them by thousands, by millions, they may tear them to pieces, still they will march to war like senseless cattle. Some will want beating to make them move, others will be proud to go if they are allowed to wear a scrap of ribbon or gold lace.

And of this mass of men so brutalised as to be ready to promise to kill their own parents, the social reformers—conservatives, liberals, socialists, and anarchists—propose to form a rational and moral society. What sort of moral and rational society can be formed out of such elements? With warped and rotten planks you cannot build a house, however you put them together. And to form a rational moral

society of such men is just as impossible a task. They can be formed into nothing but a herd of cattle, driven by the shouts and whips of the herdsmen. As indeed they are.

So, then, we have on one side men calling themselves Christians, and professing the principles of liberty, equality and fraternity, and along with that ready—in the name of liberty—to submit to the most slavish degradation—in the name of equality—to accept the crudest, most senseless division of men by externals merely into higher and lower classes, allies and enemies, and—in the name of fraternity—ready to murder their brothers.¹

The contradiction between life and conscience and the misery resulting from it have reached the extreme limit and can go no further. The state organisation of life based on violence, the aim of which was the security of personal, family and social welfare, has come to the point of renouncing the very objects for which it was founded—it has reduced men to absolute renunciation and loss of the welfare it was to secure.

¹The fact that among certain nations, as the English and the American, military service is not compulsory (though already one hears there are some who advocate that it should be made so) does not affect the servility of the citizens to the government in principle. Here we have each to go and kill or be killed, there they have each to give the fruit of their toil to pay for the recruiting and training of soldiers.

The first half of the prophecy has been fulfilled in the generation of men who have not accepted Christ's teaching. Their descendants have been brought now to the absolute necessity of putting the truth of the second half to the test of experience.

VI
LEO XIII
1810-1903

Leo XIII was, in certain respects, the most distinguished of the modern Pontiffs. The Roman Catholic Church was guided by him through several crises with skill and safety. He was a profound scholar, a wise statesman, and in addition, the author of numerous encyclicals distinguished for the beauty of their style as well as for intellectual and religious wisdom.

Joachim Pecci came from the Italian nobility. His father served under the first Napoleon; but his mother, piously inclined, brought up her slender and delicate son with a view to the priesthood. In 1837 he was ordained priest and in the same year made Governor of Benevento, a place in Papal territory infested by bandits. Having put an end to these pests Pecci was made Nuncio to Belgium, then Archbishop of Perugia, and in 1853, a Cardinal. In 1887 Pius IX brought him to Rome as *Camerlengo*, the official in charge of "temporalities." One year later he was made Pope, choosing the name, Leo XIII.

Three problems of peculiar gravity engrossed his pontificate. First came the political. The strident nationalism of our own day was already in full swing by 1878. In Germany and in France and in Italy the Apostolic See was in the midst of political warfare. In England, Russia, and America there were also political adjustments demanded which

necessitated a clear vision and a tactful hand. Secondly, in the intellectual field the Catholic Church, like the Protestant bodies, was confronted on the one hand with the theory of evolution and on the other by advanced biblical criticism. And finally, throughout western Europe, socialism was growing rapidly and winning converts to Marxian materialism, even from within the fold of the Church.

The German *Kulturkampf*, waged by Bismarck against Leo's predecessor, Pius IX, was gradually brought to an end. Leo XIII wrote a friendly letter to the Emperor of Germany, and even toward Bismarck the Pope was willing to extend an olive branch. The Iron Chancellor, after a time, grasped it firmly. He first tried, without success, to gain Papal recognition for the validity of his anti-Catholic May Laws—if unenforced. Failing this, Bismarck gave way. The Socialists were to him a greater enemy than the Catholics. As for William II, four times did that monarch visit the Vatican. At the end of Leo's pontificate no country was on better terms with the Papacy than Germany.

In France, the Royalists, during the last third of the nineteenth century, did a grievous injury to Catholicism by identifying their own blundering cause with that of the Church. Leo XIII realized this, and addressed a letter to the French people urging them to be loyal to the Republic. Meanwhile, he contended vigorously for the continuation of teaching under the auspices of the monastic orders and for the maintenance of the Concordat. And if he did not win a victory he at least won delay. That the final rupture between Church and State did not occur until after his death was in large measure owing to the Pontiff's moderation and kindly feeling toward the Third Republic.

The Italian situation, if it grew no better, at least grew no worse. The Pope refused to accept the Law of Papal Guarantees, as did his predecessor, and he continued to remain a prisoner in the Vatican. The State continued, as was

its wont, a campaign against the Holy See. There was no yielding here by either side. In Russian Poland, on the other hand, the discriminations against the Catholic Church were largely done away with through the agency of the Pope. In England friendly feelings were engendered by the elevation of Newman to the Cardinalate, and in America the Pope did much to alleviate anti-Catholic prejudice.

Of this, in the latter country, there was sufficient. The anti-Catholic Know Nothing Party had preceded Leo's day, but the American Protective Association, the A. P. A., had proved itself a worthy successor. From 1892 to 1896 it proved particularly strong, appealing to the superstitions of the masses by the usual devices of Jesuit quotations torn from their context, or by forged instructions calling for the massacre of the Protestants. This anti-Catholic sentiment was gradually lessened through Leo's action. His interest and friendship for the United States was shown in many ways. He gave to that country her first Cardinal, Archbishop Gibbons of Baltimore. A Catholic university was founded in Washington; disputes over Catholic land in the Philippines were amicably settled; and to the Catholics of the United States were directed three of the Pope's famous encyclicals, breathing the spirit of good will and kindness.

The furious ecclesiastical strife which broke out in the Protestant world in regard to the theory of evolution found slight echo in Catholic circles. The reasons for this are not easy to unravel. Since Catholic and Protestant dogma is so essentially alike in regard to the general scheme of salvation, it would seem but natural to suppose that both would be alike affected by such a revolutionary doctrine as that of the physical kinship of man to the lower animals.

But such was not the case. Catholic writers as a body made no attack on evolution. For the most part, they were content to point out certain weak points in the arguments of the convinced Darwinians, and to assert that the truths of

the Roman Catholic religion had no relation to biological truth. The Church, they asserted, deals exclusively with the spiritual history of man. That man existed, purely as an animal, before he received a soul they did not consider probable: but they did not feel it incumbent on them to fight that hypothesis. After all, that was a question for the scientist, not the theologian. We only know, they said, that the human soul cannot evolve from the brute. A special act of creation implanted it in man. In other words, biological evolution had nothing to do with religion; and therefore by the Catholic Church it was officially ignored.

Scientific discoveries worried Leo XIII not at all. But in regard to biblical criticism he was deeply concerned. The modernist controversy within the Church did not come to a head until the pontificate of his successor, Pius X. The lines of Catholic defense, however, were laid down by Leo XIII, and they are important. The Bible, he asserted, clearly and emphatically, is not like other books. It is inspired by the Holy Ghost and cannot err. On the other hand, he pointed out, minor mistakes might have crept into the text as the result of human error—copyists, for instance, might have made them. Also "it must be recognized that the sacred writings are wrapped in a certain religious obscurity, and that no one can enter into their interior without a guide." The guides, even the Holy Fathers of the Church, are not always infallible. As the Pope assures us in his *Providentissimus Deus*, "the unshrinking defense of the Holy Scriptures does not require that we should equally uphold all the opinions which each of the Fathers or the more recent interpreters have put forth in explaining it; for it may be that, in commenting on passages where physical matters occur, they have sometimes expressed the ideas of their own times, and thus made statements which in these days have been abandoned as incorrect."

From the point of view of the Pope, the real reply to the

radical critics of his day was the encouragement of Catholic scholarship. By improving this the weakness of the attack on the Bible would be demonstrated. Meanwhile, the mere text of the Holy Writings was not to be worshipped. Even such a good Catholic as the Jesuit, Father Clarke, could write in 1894 that the Pentateuch might have had several authors, that the use of numerals in the Old Testament was not to be taken seriously, that after the ninth verse even the last chapter of *Mark* might be held spurious.

In one other respect Leo XIII contributed mightily to the defense of Catholic philosophy. His attitude toward the industrial and economic conditions of the late nineteenth century, as shown in the encyclical *Rerum Novarum*, which we have given in full, was at once adroit, logical and convincing.

It was adroit. In 1890 the industrial population of western Europe, and particularly that portion of it which lived in the Rhine valley, Belgium and Silesia, was listening with a ready ear to the arguments of Karl Marx's followers. The hours of labor and the rewards of toil were unjust. Only by becoming Socialists, they told the workingmen, can these be bettered. This population had been and still was, Roman Catholic. Leo XIII by his encyclical saw to it that it should remain so. His insistence that the Church should look after the physical welfare of its members negatived the socialistic propaganda that the Church was opposed to the best interests of the workingman.

It was logical. Had not the Catholic Church in the Middle Ages been opposed to taking money at interest; had it not opposed the development of an individualistic philosophy of life which had made possible the capitalist? The Church, in placing the welfare of the many above the welfare of the few, was but returning to a medieval view of life which, it contended, it had never abandoned.

It was convincing. Laissez-faire too long had held the

field in western Europe. And a materialistic philosophy of life, which set the state upon a high pedestal, too long had been triumphant. The Protestant churches either supported both laissez-faire and the exaltation of the state, or else criticized those doctrines with a voice at once feeble and disunited. From the banks of the Tiber came then this ringing challenge to the omnipotence of the state which many of us, even non-Catholic, find comforting in this twentieth century. And more important still, came the reassurance which cannot too frequently be reasserted: "Nay God, Himself, seems to incline rather to those who suffer misfortune; for Jesus Christ calls the poor 'blessed.' "

THE CONDITION OF LABOR

*Encyclical Letter RERUM NOV ARUM**

It is not surprising that the spirit of revolutionary change, which has long been predominant in the nations of the world, should have passed beyond politics and made its influence felt in the cognate field of practical economy. The elements of a conflict are unmistakable: the growth of industry, and the surprising discoveries of science; the changed relations of masters and workmen; the enormous fortunes of individuals and the poverty of the masses; the increased self-reliance and the closer mutual combination of the working population; and, finally, a general moral deterioration. The momentous seriousness of the present state of things just now fills every mind with painful apprehension; wise men discuss it; practical men propose schemes; popular meetings, legislatures, and sovereign princes, all are occupied with it—and there is nothing which has a deeper hold on public attention.

Therefore, Venerable Brethren, as on former oc-

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casions, when it seemed opportune to refute false teaching, We have addressed you in the interests of the Church and of the commonwealth, and have issued Letters on Political Power, on Human Liberty, on the Christian Constitution of the State, and on similar subjects, so now We have thought it useful to speak on

The Condition of Labor

It is a matter on which we have touched once or twice already. But in this Letter the responsibility of the Apostolic office urges Us to treat the question expressly and at length, in order that there may be no mistake as to the principles which truth and justice dictate for its settlement. The discussion is not easy, nor is it free from danger. It is not easy to define the relative rights and the mutual duties of the wealthy and of the poor, of capital and of labor. And the danger lies in this, that crafty agitators constantly make use of these disputes to pervert men's judgments and to stir up the people to sedition.

But all agree, and there can be no question whatever, that some remedy must be found, and quickly found, for the misery and wretchedness which press so heavily at this moment on the large majority of the very poor. The ancient workmen's guilds were destroyed in the last century, and no other organiza-

tion took their place. Public institutions and the laws have repudiated the ancient religion. Hence by degrees it has come to pass that working men have been given over, isolated and defenceless, to the callousness of employers and the greed of unrestrained competition. The evil has been increased by rapacious Usury, which although more than once condemned by the Church, is nevertheless, under a different form but with the same guilt, still practiced by avaricious and grasping men. And to this must be added the custom of working by contract, and the concentration of so many branches of trade in the hands of a few individuals, so that a small number of very rich men have been able to lay upon the masses of the poor a yoke little better than slavery itself.

Socialists and Private Property

To remedy these evils the *Socialists*, working on the poor man's envy of the rich, endeavor to destroy private property, and maintain that individual possessions should become the common property of all, to be administered by the State or by municipal bodies. They hold that, by thus transferring property from private persons to the community, the present evil state of things will be set to rights, because each citizen will then have his equal share of whatever there is to enjoy. But their proposals

are so clearly futile for all practical purposes, that if they were carried out the working man himself would be among the first to suffer. Moreover they are emphatically unjust, because they would rob the lawful possessor, bring the State into a sphere that is not its own, and cause complete confusion in the community.

It is surely undeniable that, when a man engages in remunerative labor, the very reason and motive of his work is to obtain property, and to hold it as his own private possession. If one man hires out to another his strength or his industry, he does this for the purpose of receiving in return what is necessary for food and living; he thereby expressly proposes to acquire a full and real right, not only to the remuneration, but also to the disposal of that enumeration as he pleases. Thus, if he lives sparingly, saves money, and invests his savings, for greater security, in land, the land in such a case is only his wages in another form; and, consequently, a working man's little estate thus purchased should be as completely at his own disposal as the wages he receives for his labor. But it is precisely in this power of disposal that ownership consists, whether the property be land or movable goods. The *Socialists*, therefore, in endeavoring to transfer the possessions of individuals to the community, strike at the interests of every wage earner, for they deprive him of the liberty of

disposing of his wages, and thus of all hope and possibility of increasing his stock and of bettering his condition in life.

Man's Natural Right to Private Property

What is of still greater importance, however, is that the remedy they propose is manifestly against justice. For every man has by nature the right to possess property as his own. This is one of the chief points of distinction between man and the animal creation. For the brute has no power of self-direction, but is governed by two chief instincts, which keep his powers alert, move him to use his strength, and determine him to action without the power of choice. These instincts are self-preservation and the propagation of the species. Both can attain their purpose by means of things which are close at hand; beyond their surroundings the brute creation cannot go, for they are moved to action by sensibility alone, and by the things which sense perceives. But with man it is different indeed. He possesses, on the one hand, the full perfection of animal nature, and therefore he enjoys, at least, as much as the rest of the animal race, the fruition of the things of the body. But animality, however perfect, is far from being the whole of humanity, and is indeed humanity's humble handmaid, made to serve and obey. It is the mind, or the reason, which is the chief **thing in us who are**

human beings; it is this which makes a human being human, and distinguishes him essentially and completely from the brute. And on this account—viz., that man alone among animals possesses reason—it must be within his right to have things not merely for temporary and momentary use, as other living beings have them, but in stable and permanent possession; he must have not only things which perish in the using, but also those which, though used, remain for use in the future.

This becomes still more clearly evident if we consider man's nature a little more deeply. For man, comprehending by the power of his reason things innumerable, and joining the future with the present—being, moreover, the master of his own acts—governs himself by the foresight of his counsel, under the eternal law and the power of God, Whose Providence governs all things. Wherefore it is in his power to exercise his choice not only on things which regard his present welfare, but also on those which will be for his advantage in time to come. Hence man not only can possess the fruits of the earth, but also the earth itself; for of the products of the earth he can make provision for the future. Man's needs do not die out, but recur; satisfied to-day, they demand new supplies to-morrow. Nature, therefore, owes to man a storehouse that shall never fail the daily supply of his daily wants. And this he

finds only in the inexhaustible fertility of the earth.

Nor must we, at this stage, have recourse to the State.

Man is Older Than the State

And he holds the right of providing for the life of his body prior to the formation of any State. And to say that God has given the earth to the use and enjoyment of the universal human race is not to deny that there can be private property. For God has granted the earth to mankind in general; not in the sense that all without distinction can deal with it as they please, but rather that no part of it has been assigned to any one in particular, and that the limits of private possession have been left to be fixed by man's own industry and the laws of individual peoples. Moreover, the earth, though divided among private owners, ceases not thereby to minister to the needs of all; for there is no one who does not live on what the land brings forth. Those who do not possess the soil, contribute their labor; so that it may be truly said that all human subsistence is derived either from labor on one's own land, or from some laborious industry which is paid either in the produce of the land itself or in that which is exchanged for what the land brings forth.

Here, again, we have another proof that private ownership is according to nature's law. For that

which is required for the preservation of life and for life's well-being, is produced in great abundance by the earth, but not until man has brought it into cultivation and lavished upon it his care and skill. Now, when man thus spends the industry of his mind and the strength of his body in procuring the fruits of nature, by that act he makes his own that portion of nature's field which he cultivates—that portion on which he leaves, as it were, the impress of his own personality; and it cannot but be just that he should possess that portion as his own, and should have a right to keep it without molestation.

These arguments are so strong and convincing that it seems surprising that certain obsolete opinions should now be revived in opposition to what is here laid down. We are told that it is right for private persons to have the use of the soil and the fruits of their land, but that it is unjust for anyone to possess as owner either the land on which he has built or the estate which he has cultivated. But those who assert this do not perceive that they are robbing man of what his own labor has produced. For the soil which is tilled and cultivated with toil and skill utterly changes its condition; it was wild before, it is now fruitful; it was barren, and now it brings forth in abundance. That which has thus altered and improved it becomes so truly part of itself as to be in a great measure indistinguishable and insepar-

able from it. Is it just that the fruit of a man's sweat and labor should be enjoyed by another? As effects follow their cause, so it is just and right that the results of labor should belong to him who has labored.

With reason, therefore, the common opinions of mankind, little affected by the few dissentients who have maintained the opposite view, has found in the study of nature, and in the law of nature herself, the foundations of the division of property, and has consecrated by the practice of all ages the principle of private ownership, as being pre-eminently in conformity with human nature, and as conducing in the most unmistakable manner to the peace and tranquillity of human life. The same principle is confirmed and enforced by the civil laws—laws which, as long as they are just, derive their binding force from the law of nature. The authority of the Divine Law adds its sanction, forbidding us in the gravest terms even to covet that which is another's:—*Thou shalt not covet thy neighbor's wife; nor his house, nor his field, nor his man-servant, nor his maid-servant, nor his ox, nor his ass, nor anything which is his.*¹

Man's Natural Right and His Social and Domestic Duties

The rights here spoken of belonging to each individual man, are seen in a much stronger light if

¹ Deuteronomy v. 21.

they are considered in relation to man's social and domestic obligations.

In choosing a state of life, it is indisputable that all are at full liberty either to follow the counsel of Jesus Christ as to virginity, or to enter into the bonds of marriage. No human law can abolish the natural and primitive right of marriage, or in any way limit the chief and principal purpose of marriage, ordained by God's authority from the beginning. *Increase and multiply.*² Thus we have the Family; the "society" of a man's own household; a society limited indeed in numbers, but a true "society," anterior to every kind of State or nation, with rights and duties of its own, totally independent of the commonwealth.

That right of property, therefore, which has been proved to belong naturally to individual persons must also belong to a man in his capacity of head of a family; nay, such a person must possess this right so much the more clearly in proportion as his position multiplies his duties. For it is a most sacred law of nature that a father must provide food and all necessities for those whom he has begotten; and, similarly, nature dictates that a man's children, who carry on, as it were, and continue his own personality, should be provided by him with all that is needful to enable them honorably to keep themselves

² Genesis I. 28.

from want and misery in the uncertainties of this mortal life. Now, in no other way can a father effect this except by the ownership of profitable property, which he can transmit to his children by inheritance. A family, no less than a State, is, as we have said, a true society, governed by a power within itself, that is to say, by the father. Wherefore, provided the limits be not transgressed which are prescribed by the very purposes for which it exists, the Family has, at least, equal rights with the State in the choice and pursuit of those things which are needful to its preservation and its just liberty.

We say, at least equal rights; for since the domestic household is anterior both in idea and in fact to the gathering of men into a commonwealth, the former must necessarily have rights and duties which are prior to those of the latter, and which rest more immediately on nature. If the citizens of a State—that is to say, the Families—on entering into association and fellowship, experienced at the hands of the State hindrance instead of help, and found their rights attacked instead of being protected, such association were rather to be repudiated than sought after.

The State May Not Abolish Nor Absorb Paternal Rights

The idea, then, that the civil government should, at its own discretion, penetrate and pervade the

family and the household, is a great and pernicious mistake. True, if a family finds itself in great difficulty, utterly friendless, and without prospect of help, it is right that extreme necessity be met by public aid; for each family is a part of the commonwealth. In like manner, if within the walls of the household there occur grave disturbance of mutual rights, the public power must interfere to force each party to give the other what is due; for this is not to rob citizens of their rights, but justly and properly to safeguard and strengthen them. But the rulers of the State must go no further: nature bids them stop here. Paternal authority can neither be abolished by the State nor absorbed; for it has the same source as human life itself; "the child belongs to the father," and is, as it were, the continuation of the father's personality; and, to speak with strictness, the child takes its place in civil society not in its own right, but in its quality as a member of the family in which it is begotten. And it is for the very reason that "the child belongs to the father," that, as St Thomas of Aquin says, "before it attains the use of free-will, it is in the power and care of its parents."³ The Socialists, therefore, in setting aside the parent.-and introducing the providence of the

³ St. Thomas, *Summa Theologica* 2a 2æ Q. x. Art. 12.

State, act *against natural justice*, and threaten the very existence of family life.

And such interference is not only unjust, but is quite certain to harass and disturb all classes of citizens, and to subject them to odious and intolerable slavery. It would open the door to envy, to evil speaking, and to quarrelling; the sources of wealth would themselves run dry, for no one would have any interest in exerting his talents or his industry; and that ideal equality of which so much is said would, in reality, be the leveling down of all to the same condition of misery and dishonor.

Thus it is clear that the main tenet of *Socialism*, the community of goods, must be utterly rejected; for it would injure those whom it is intended to benefit, it would be contrary to the natural rights of mankind, and it would introduce confusion, and disorder into the commonwealth. Our first and most fundamental principle, therefore, when we undertake to alleviate the condition of the masses, must be the inviolability of private property. This laid down, We go on to show where we must find the remedy that we seek.

The Church Alone Can Solve the Social Problem

We approach the subject with confidence, and in the exercise of the rights which belong to Us. For

no practical solution of this question will ever be found without the assistance of Religion and the Church. It is We who are the chief guardian of Religion, and the chief dispenser of what belongs to the Church, and We must not by silence neglect the duty which lies upon Us. Doubtless this most serious question demands the attention and the efforts of others besides Ourselves—of the rulers of States, of employers of labor, of the wealthy, and of the working population themselves for whom We plead. But We affirm without hesitation that all the striving of men will be vain if they leave out the Church. It is the Church that proclaims from the Gospel those teachings by which the conflict can be put an end to, or at least made far less bitter; the Church uses its efforts not only to enlighten the mind, but to direct by its precepts the life and conduct of men; the Church improves and ameliorates the condition of the working man by numerous useful organizations; does its best to enlist the services of all ranks in discussing and endeavoring to meet, in the most practical way, the claims of the working classes; and acts on the decided view that for these purposes recourse should be had, in due measure and degree, to the help of the law and of State authority.

Let it be laid down, in the first place, that humanity must remain as it is. It is impossible to reduce human society to a level The *Socialists* may do

their utmost, but all striving against nature is vain. There naturally exist among mankind innumerable differences of the most important kind; people differ in capability, in diligence, in health, and in strength; and unequal fortune is a necessary result of inequality in condition. Such inequality is far from being disadvantageous either to individuals or to the community; social and public life can only go on by the help of various kinds of capacity and the playing of many parts, and each man, as a rule, chooses the part which peculiarly suits his case. As regards bodily labor, even had man never fallen from *the state of innocence*, he would not have been wholly unoccupied; but that which would then have been his free choice, his delight, became afterwards compulsory, and the painful expiation of his sin. *Cursed be the earth in thy work; in thy labor thou shalt eat of it all the days of thy life.*⁴ In like manner, the other pains and hardships of life will have no end or cessation on this earth; for the consequences of sin are bitter and hard to bear, and they must be with man as long as life lasts. To suffer and to endure, therefore, is the lot of humanity; let men try as they may, no strength and no artifice will ever succeed in banishing from human life the ills and troubles which beset it. If any there are who pretend differ-

⁴ Genesis iii. 17.

ently—who hold out to a hard-pressed people freedom from pain and trouble, undisturbed repose, and constant enjoyment—they cheat the people and impose upon them, and their lying promises will only make the evil worse than before. There is nothing more useful than to look at the world as it really is—and at the same time look elsewhere for a remedy to its troubles.

The Christian Interdependence of Capital and Labor

The great mistake that is made in the matter now under consideration, is to possess oneself of the idea that class is naturally hostile to class; that rich and poor are intended by nature to live at war with one another. So irrational and so false is this view, that the exact contrary is the truth. Just as the symmetry of the human body is the result of the disposition of the members of the body, so in a State it is ordained by nature that these two classes should exist in harmony and agreement, and should, as it were, fit into one another, so as to maintain the equilibrium of the body politic. Each requires the other; capital cannot do without labor, nor labor without capital. Mutual agreement results in pleasantness and good order; perpetual conflict necessarily produces confusion and outrage. Now, in preventing such strife as this, and in making it impossible, the efficacy of Christianity is marvelous and

manifold. First of all, there is nothing more powerful than Religion (of which the Church is the interpreter and guardian) in drawing rich and poor together, by reminding each class of its duties to the other, and especially of the duties of justice. Thus Religion teaches the laboring man and the workman to carry out honestly and well all equitable agreements freely made, never to injure capital, nor to outrage the person of an employer; never to employ violence in representing his own cause, nor to engage in riot and disorder; and to have nothing to do with men of evil principles, who work upon the people with artful promises, and raise foolish hopes which usually end in disaster and in repentance when too late. Religion teaches the rich man and the employer that their work people are not their slaves; that they must respect in every man his dignity as a man and as a Christian; that labor is nothing to be ashamed of, if we listen to right reason and to Christian philosophy, but is an honorable employment, enabling a man to sustain his life in an upright and creditable way; and that it is shameful and inhuman to treat men like chattels to make money by, or to look upon them merely as so much muscle or physical power. Thus, again, Religion teaches that, as among the workmen's concerns are Religion herself, and things spiritual and mental, the employer is bound to see that he has time for the duties of piety; that he be

not exposed to corrupting influences and dangerous occasions; and that he be not led away to neglect his home and family or to squander his wages. Then, again, the employer must never tax his work-people beyond their strength, nor employ them in work unsuited to their sex or age. His great and principal obligation is to give to every one that which is just. Doubtless before we can decide whether wages are adequate many things have to be considered; but rich men and masters should remember this—that to exercise pressure for the sake of gain, upon the indigent and destitute, and to make one's profit out of the need of another, is condemned by all laws, human and divine. To defraud any one of wages that are his due is a crime which cries to the avenging anger of Heaven. *Behold, the hire of the laborers . . . which by fraud has been kept back by you, crieth; and the cry of them hath entered the ears of the Lord of Sabaoth.*⁵ Finally, the rich must religiously refrain from cutting down the workman's earnings, either by force, fraud, or by usurious dealing; and with the more reason because the poor man is weak and unprotected, and because his slender means should be sacred in proportion to their scantiness.

· Were these precepts carefully obeyed and followed would not strife die out and cease?

⁵ St. James v. 4.

But the Church, with Jesus Christ for its Master and Guide, aims higher still. It lays down precepts yet more perfect, and tries to bind class to class in friendliness and good understanding. The things of this earth cannot be understood or valued rightly without taking into consideration the life to come, the life that will last forever. Exclude the idea of futurity, and the very notion of what is good and right would perish; nay, the whole system of the universe would become a dark and unfathomable mystery. The great truth which we learn from Nature herself is also the grand Christian dogma on which religion rests as on its base—that when we have done with this present life then we shall really begin to live. God has not created us for the perishable and transitory things of earth but for things heavenly and everlasting; He has given us this world as a place of exile, and not as our true country. Money and the other things which men call good and desirable—we may have them in abundance or we may want them altogether; as far as eternal happiness is concerned, it is no matter; the only thing that is important is to use them aright. Jesus Christ, when he redeemed us with *plentiful redemption*, took not away the pains and sorrows which in such large proportion make up the texture of our mortal life; He transformed them into motives of virtue and occasions of merit; and no man can hope for eternal re-

ward unless he follow in the blood-stained footprints of his Saviour. *If we suffer with Him, we shall also reign with him.*⁶ His labors and His sufferings, accepted by His own free will, have marvelously sweetened all suffering and all labor. And not only by His example, but by His grace and by the hope of everlasting recompense, He has made pain and grief more easy to endure; *for that which is at present momentary and light of our tribulation, worketh for us above measure exceedingly an eternal weight of glory.**

Christianity Teaches Practically the Right Use of Money

Therefore, those whom fortune favors are warned that freedom from sorrow and abundance of earthly riches, are no guarantee of that beatitude that shall never end, but rather the contrary;⁸ that the rich should tremble at the threatenings of Jesus Christ—threatenings so strange in the mouth of our Lord;⁹ and that a most strict account must be given to the Supreme Judge for all that we possess. The chiefest and most excellent rule for the right use of money is one which the heathen philosophers indicated, but which the Church has traced out clearly, and has not only made known to men's minds, but has impressed upon their lives. It rests

⁶ I I . Timothy ii. 12.

⁷ I I . Corinthians iv. 17.

⁸ St. Matthew xix. 23, 24.

⁹ St. Luke vi. 24, 25.

on the principle that it is one thing to have a right to the possession of money, and another to have a right to use money as one pleases. Private ownership, as we have seen, is the natural right of man; and to exercise that right, especially as members of society, is not only lawful but absolutely necessary. It is lawful, says St. Thomas of Aquin, *for a man to hold private property; and it is also necessary for the carrying on of human life.*¹⁰ But if the question be asked, How must one's possessions be used? the Church replies without hesitation in the words of the same holy Doctor: *Man should not consider his outward possessions as his own, but as common to all, so as to share them without difficulty when others are in need. Whence the Apostle saith, Command the rich of this world . . . to give with ease, to communicate.*¹¹ True, no one is commanded to distribute to others that which is required for his own necessities and those of his household; nor even to give away what is reasonably required to keep up becomingly his condition in life; *for no one ought to live unbecomingly.*¹² But when necessity has been supplied, and one's position fairly considered, it is a duty to give to the indigent out of that which is over. *That which remaineth give alms.*¹³ It is a duty, not

¹⁰ 2a 2æ Q. lxvi. Art 2.

¹¹ *Ibid.*, Q. lxxv. Art. 2.

¹² 2a 2æ Q. xxxii. Art. 6.

¹³ St. Luke xi. 41.

of justice (except in extreme cases), but of Christian Charity—a duty which is not enforced by human law. But the laws and judgment of men must give place to the laws and judgment of Christ, the true God; Who in many ways urges on His followers the practice of almsgiving—*It is more blessed to give than to receive;*¹⁴ and Who will count a kindness done or refused to the poor as done or refused to Himself—*As long as you did it to one of My least brethren, you did it to Me.*¹⁵ Thus to sum up what has been said:—Whoever has received from the Divine bounty a large share of blessings, whether they be external and corporal, or gifts of the mind, has received them for the purpose of using them for perfecting his own nature, and, at the same time, that he may employ them, as the minister of God's Providence, for the benefit of others. *He that hath a talent,* says St. Gregory the Great, *let him see that he hideth not; he that hath abundance, let him arouse himself to mercy and generosity; he that hath art and skill, let him do his best to share the use and utility thereof with his neighbor.*^{16*}

The Dignity of Labor

As for those who do not possess the gifts of fortune, they are taught by the Church that, in **God's**

¹⁴ Acts xx. 35.

¹⁵ St. Matthew xxv. 40.

¹⁶ St. Gregory the Great, Horn, ix, in *Evangel*, n. 7.

sight poverty is no disgrace, and that there is nothing to be ashamed of in seeking one's bread by labor. This is strengthened by what we see in Christ Himself, Who *whereas He was rich for our sakes became poor*,¹¹ and Who, being the Son of God, and God Himself, chose to seem and to be considered the son of a carpenter—nay, did not disdain to spend a great part of His life as a carpenter Himself. *Is not this the carpenter, the son of Mary?*¹⁹ From the contemplation of this Divine example, it is easy to understand that the true dignity and excellence of man lies in his moral qualities, that is, in virtue; that virtue is the common inheritance of all, equally within the reach of high and low, rich and poor; and that virtue, and virtue alone, wherever found, will be followed by the rewards of everlasting happiness. Nay, God Himself seems to incline more to those who suffer evil; for Jesus Christ calls the poor blessed;¹⁹ He lovingly invites those in labor and grief to come to Him for solace;²⁰ and He displays the tenderest charity to the lowly and oppressed. These reflections cannot fail to keep down the pride of those who are well off, and to cheer the spirit of the afflicted; to incline the former to generosity, and

¹¹ I I . Corinthians viii. 9.

¹⁸ St. Mark vi. 3.

¹⁹ St. Matthew v. 3: "*Blessed are the poor in spirit*"

²⁰ *Ibid.*, xi. 28: "*Come to Me all you that labor and are burdened, and I will refresh you*"

the latter to tranquil resignation. Thus the separation which pride would make tends to disappear, nor will it be difficult to make rich and poor join hands in friendly concord.

But, if Christian precepts prevail, the two classes will not only be united in the bonds of friendship, but also those of brotherly love. For they will understand and feel that all men are the children of the common father, that is, of God; that all have the same end, which is God Himself, Who alone can make either *mtn* or angels absolutely and perfectly happy; that all and each are redeemed by Jesus Christ, and raised to the dignity of children of God, and are thus united in brotherly ties both with each other and with Jesus Christ, *the first born among many brethren*; that the blessings of nature and the gifts of grace belong in common to the whole human race, and that to all, except to those who are unworthy, is promised the inheritance of the Kingdom of Heaven. // *sons, heirs also; heirs indeed of God, and co-heirs of Christ.*²¹

Such is the scheme of duties and of rights which is put forth to the world by the Gospel. Would it not seem that strife must quickly cease were society penetrated with ideas like these?

Social Evils to be Remedied Only by Return to Christian
Life and Institutions

²¹ Romans viii. 17.

But the Church, not content with pointing out the remedy, also applies it. For the Church does its utmost to teach and to train men, and to educate them; and by means of its Bishops and clergy it diffuses its salutary teachings far and wide. It strives to influence the mind and heart so that all may willingly yield themselves to be formed and guided by the commandments of God. It is precisely in this fundamental and principal matter, on which everything depends, that the Church has a power peculiar to itself. The agencies which it employs are given it for the very purpose of reaching the hearts of men by Jesus Christ Himself, and derive their efficiency from God. They alone can touch the innermost heart and conscience, and bring men to act from a motive of duty, to resist their passions and appetites, to love God and their fellowmen with love that is unique and supreme, and courageously to break down every barrier which stands in the way of a virtuous life.

On this subject We need only recall for one moment the examples written down in history. Of these things there cannot be the shadow of doubt; for instance, that civil society was renovated in every part by the teachings of Christianity; that in the strength of that renewal the human race was lifted up to better things—nay, that it was brought back from death to life, and to so excellent a life that nothing more perfect had been known before or will

come to pass in the ages that are yet to be. Of this beneficent transformation, Jesus Christ was at once the first cause and the final purpose; as from Him all came, so to him all was to be referred. For when, by the light of the Gospel message, the human race came to know the grand mystery of the Incarnation of the Word and the redemption of man, the life of Jesus Christ, God and Man, penetrated every race and nation, and impregnated them with His faith, His precepts, and His laws. And if Society is to be cured now, in no other way can it be cured but by a return to the Christian life and Christian institutions. When a society is perishing, the true advice to give to those who would restore it is, to recall it to the principles from which it sprung; for the purpose and perfection of an association is to aim at and to attain that for which it was formed; and its operation should be put in motion and inspired by the end and object which originally gave it its being. So that to fall away from its primal constitution is disease; to go back to it is recovery. And this may be asserted with the utmost truth both of the State in general and of that body of its citizens—by far the greatest number—who sustain life by labor.

The Church ~~Seeks~~ the Material Welfare of the Poor

Neither must it be supposed that the solicitude of the Church is so occupied with the spiritual concerns

of its children as to neglect their interests temporal and earthly. Its desire is that the poor, for example, should rise above poverty and wretchedness, and should better their condition in life; and for this it strives. By the very fact that it calls men to virtue and forms them to its practice, it promotes this in no slight degree. Christian morality, when it is adequately and completely practiced, conduces of itself to temporal prosperity, for it merits the blessing of that God who is the source of all blessings; it powerfully restrains the lust of possession and the lust of pleasure—twin plagues, which too often make a man without self-restraint miserable in the midst of abundance;²² it makes men supply by economy for the want of means, teaching them to be content with frugal living, and keeping them out of the reach of those vices which eat up not only merely small incomes, but large fortunes, and dissipate many a goodly inheritance.

Moreover, the Church intervenes directly in the interest of the poor, by setting on foot and keeping up many things which it sees to be efficacious in the relief of poverty. Here, again, it has always succeeded so well that it has even extorted the praise of its enemies. Such was the ardor of brotherly love among the earliest Christians that numbers of those

²² "*The desire of money is the root of all evils*"—I. Tim. vi. 10.

who were better off deprived themselves of their possessions in order to relieve their brethren; whence *neither was there anyone needy among them.*²⁹ To the order of Deacons, instituted for that very purpose, was committed by the Apostles the charge of the daily distributions; and the Apostle Paul, though burdened with the solicitude of all the churches, hesitated not to undertake laborious journeys in order to carry the alms of the faithful to the poorer Christians. Tertullian calls these contributions, *given voluntarily by Christians in their assemblies, deposits of piety*; because, to cite his words, they were employed *in feeding the needy, in burying them, in the support of boys and girls destitute of means and deprived of their parents, in the care of the aged, and in the relief of the shipwrecked.*^{2*}

Thus by degrees came into existence the patrimony which the Church has guarded with jealous care as the inheritance of the poor. Nay, to spare them the shame of begging, the common Mother of the rich and poor has exerted herself to gather together funds for the support of the needy. The Church has stirred up everywhere the heroism of charity, and has established Congregations of Religious and many other useful institutions for help and mercy, so that there might be hardly any kind

²³ Acts iv. 34.

²⁴ *Apologia Secunda*, xxxix. *

of suffering which was not visited and relieved. At the present day there are many who, like the heathen of old, blame and condemn the Church for this beautiful charity. They would substitute in its place a system of State-organized relief. But no human methods will ever supply for the devotion and self-sacrifice of Christian charity. Charity, as a virtue, belongs to the Church; for it is no virtue unless it is drawn from the Sacred Heart of Jesus Christ; and he who turns his back on the Church cannot be near to Christ.

.The State's Share in the Relief of Poverty

It cannot, however, be doubted that to attain the purpose of which We treat, not only the Church, but all human means must conspire. All who are concerned in the matter must be of one mind and must act together. It is in this, as in the Providence which governs the world; results do not happen save where all the causes co-operate.

Let us now, therefore, inquire what part the State should play in the work of remedy and relief.

By the State We here understand, not the particular form of government which prevails in this or that nation, but the State as rightly understood; that is to say, any government conformable in its institutions to right reason and natural law, and to

those dictates of the Divine wisdom which We have expounded in the Encyclical on the Christian Constitution of the State. The first duty, therefore, of the rulers of the State should be to make sure that the laws and institutions, the general character and administration of the commonwealth, shall be such as to produce of themselves public well-being and private prosperity. This is the proper office of wise statemanship and the work of the heads of the State. Now a State chiefly prospers and flourishes by morality, well-regulated family life, by respect for religion and justice, by the moderation and equal distribution of public burdens, by the progress of the arts and of trade, by the abundant yield of the land—by everything which make the citizens better and happier. Here, then, it is in the power of a ruler to benefit every order of the State, and amongst the rest to promote in the highest degree the interests of the poor; and this by virtue of his office, and without being exposed to any suspicion of undue interference—for it is the province of the commonwealth to consult for the common good. And the more that is done for the working population by the general laws of the country, the less need will there be to seek for particular means to relieve them. There is another and a deeper consideration which must not be lost sight of.

To the State the Interests of All are Equal

Whether high or low. The poor are members of the national community equally with the rich; they are real component parts, living parts, which make up, through the family, the living body; and it need hardly be said that they are by far the majority. It would be irrational to neglect one portion of the citizens and to favor another; and therefore the public administration must duly and solicitously provide for the welfare and the comfort of the working people, or else that law of justice will be violated which ordains that each shall have his due. To cite the wise words of St. Thomas of Aquin: *As the part and the whole are in a certain sense identical, the part may in some sense claim what belongs to the whole.*²⁵ Among the many and grave duties of rulers who would do their best for their people, the first and chief is to act with strict justice—with that justice which is called in the Schools *distributive*—towards each and every class.

But although all citizens without exception, can and ought to contribute to that common good in which individuals share so profitably to themselves, yet it is not to be supposed that all can contribute in the same way and to the same extent. No matter what changes may be made in forms of government, there will always be differences and inequalities of con-

²⁵ 22 2æ Q. lxi. Art x ad 2.

dition in the State; Society cannot exist or be conceived without them. Some there must be who dedicate themselves to the work of the commonwealth, who make the laws, who administer justice, whose advice and authority govern the nation in times of peace, and defend it in war. Such men clearly occupy the foremost place in the State, and should be held in the foremost estimation, for their work touches most nearly and effectively the general interests of the community. Those who labor at a trade or calling do not promote the general welfare in such a fashion as this; but they do in the most important way benefit the nation, though less directly. We have insisted that, since it is the end of Society to make men better, the chief good that Society can be possessed of is Virtue. Nevertheless, in all well-constituted States it is a by no means unimportant matter to provide those bodily and external commodities, *the use of which is necessary to virtuous actions.*²⁶ And in the provision of material well-being, the labor of the poor—the exercise of their skill and the employment of their strength in the culture of the land and the workshops of trade—is most efficacious and altogether indispensable. Indeed, their co-operation in this respect is so important that it may be truly said that

²⁶ St. Thomas of Aquin. *De Regimine Principum*, I. cap. 15.

It is Only by the Labor of the Working Man that States
Grow Rich

Justice, therefore, demands that the interests of the poorer population be carefully watched over by the Administration, so that they who contribute so largely to the advantage of the community may themselves share in the benefits they create—that being housed, clothed, and enabled to support life, they may find their existence less hard and more endurable. It follows that whatever shall appear to be conducive to the well-being of those who work, should receive favorable consideration. Let it not be feared that solicitude of this kind will injure any interest; on the contrary, it will be to the advantage of all; for it cannot but be good for the commonwealth to secure from misery those on whom it so largely depends.

The Christian Idea of a State

We have said that the State must not absorb the individual or the family; both should be allowed free and untrammelled action as far as is consistent with the common good and the interests of others. Nevertheless, rulers should anxiously safeguard the community and all its parts; the community, because the conservation of the community is so emphatically the business of the supreme power, that the safety of

the commonwealth is not only the first law, but is a Government's whole reason of existence; and the parts, because both philosophy and the Gospel agree in laying down that the object of the administration of the State should be not the advantage of the ruler, but the benefit of those over whom he rules. The gift of authority is from God, and is, as it were, a participation of the highest of all sovereignties; and it should be exercised—with a fatherly solicitude which not only guides the whole but reaches to details as well.

Whenever the general interest of any particular class suffers, or is threatened with, evils which can in no other way be met, the public authority must step in to meet them. Now, among the interests of the public, as of private individuals, are these: that peace and good order should be maintained; that family life should be carried on in accordance with God's laws and those of nature; that Religion should be revered and obeyed; that a high standard of morality should prevail in public and private life; that the sanctity of justice should be respected, and that no one should injure another with impunity; that the members of the commonwealth should grow up to man's estate strong and robust, and capable, if need be, of guarding and defending their country. If by a strike, or other combination of workmen, there should be imminent danger of disturbance to

the public peace; or if circumstances were such that among the laboring population the ties of family life were relaxed; if Religion were found to suffer through the workmen not having time and opportunity to practice it; if in workshops and factories there were danger to morals through the mixing of the sexes or from any occasion of evil; or if employers laid burdens upon the workmen which were unjust, or degraded them with conditions that were repugnant to their dignity as human beings; finally, if health were endangered by excessive labor, or by work unsuited to sex or age—in these cases there can be no question that, within certain limits, it would be right to call in the help and authority of the law. The limits must be determined by the nature of the occasion which calls for the law's interference—the principle being this, that the law must not undertake more, nor go further, than is required for the remedy of the evil or the removal of the danger.

Special Consideration Due to the Poor

Rights must be religiously respected wherever they are found; and it is the duty of the public authority to prevent and punish injury, and to protect each one in the possession of his own. Still, when there is question of protecting the rights of individuals, the poor and helpless have a claim to special

consideration. The richer population have many ways of protecting themselves, and stand less in need of help from the State; those who are badly off have no resources of their own to fall back upon, and must chiefly rely upon the assistance of the State. And it is for this reason that wage-earners, who are, undoubtedly, among the weak and necessitous, should be specially cared for and protected by the commonwealth.

Here, however, it will be advisable to advert expressly to one or two of the more important details.

The State Should Safeguard Private Property

It must be borne in mind that the chief thing to be secured is the safeguarding, by legal enactment and policy, of private property. Most of all it is essential in these times of covetous greed, to keep the multitude within the line of duty; for if all may justly strive to better their condition, yet neither justice nor the common good allows anyone to seize that which belongs to another, or, under the pretext of futile and ridiculous equality, to lay hands on other people's fortunes. It is most true that by far the larger part of the people who work prefer to improve themselves by honest labor rather than by doing wrong to others. But there are not a few who are imbued with bad principles and are anxious for revolutionary change, and whose great purpose it

is to stir up tumult and bring about a policy of violence. The authority of the State should intervene to put restraint upon these disturbers, to save the workmen from their seditious arts, and to protect lawful owners from spoilation.

The State Must Protect the Laborers' Rights

When work-people have recourse to a strike, it is frequently because the hours of labor are too long, or the work too hard, or because they consider their wages insufficient. The grave inconvenience of this not uncommon occurrence should be obviated by public remedial measures; for such paralysis of labor not only affects the masters and their work-people, but is extremely injurious to trade, and to the general interests of the public; moreover, on such occasions, violence and disorder are generally not far off, and thus it frequently happens that the public is threatened. The laws should be beforehand, and prevent these troubles from arising; they should lend their influence and authority to the removal in good time of the causes which lead to conflicts between masters and those whom they employ.

But if the owners of property must be made secure, the workman, too, has property and possessions in which he must be protected; and, first of all, there are his spiritual and mental interests. Life on earth, however good and desirable in itself, is

not the final purpose for which man is created; it is only the way and the means to that attainment of truth, and that practice of goodness in which the full life of the soul consists. It is the soul which is made after the image and likeness of God; it is in the soul that sovereignty resides, in virtue of which man is commanded to rule the creatures below him, and to use all the earth and ocean for his profit and advantage. *Fill the earth and subdue it; and rule over the fishes of the sea and the fowls of the air, and all living creatures which move upon the earth,*²⁷ In this respect all men are equal; there is no difference between rich and poor, master and servant, ruler and ruled, *for the same Lord is over all.*²⁸ No man may outrage with impunity that human dignity which God Himself treats *with reverence*, nor stand in the way of that higher life which is the preparation for the eternal life of Heaven. Nay, more; a man has here no power over himself. To consent to any treatment which is calculated to defeat the end and purpose of his being is beyond his right; he cannot give up his soul to servitude; for it is not man's own rights which are here in question, but the rights of God, most sacred and inviolable.

From this follows the obligation of the cessation of work and labor on Sundays and certain festivals.

²⁷ **Genesis i. 28.**

²⁸ **Romans x. 12.**

This rest from labor is not to be understood as mere idleness; much less must it be an occasion of spending money and a vicious excess, as many would desire it to be; but it should be rest from labor consecrated by religion. Repose united with religious observance disposes man to forget for a while the business of this daily life, and to turn his thoughts to heavenly things and to the worship which he so strictly owes to the Eternal Deity. It is this, above all, which is the reason and motive for the Sunday rest; a rest sanctioned by God's great law of the ancient covenant, *Remember thou keep holy the Sabbath day*,²⁹ and taught to the world by His own mysterious "rest" after the creation of man; *He rested on the seventh day from all'His work which He had done*.³⁰

Save the Laborers from the Cruelty of Speculators in Labor

If we turn now to things exterior and corporal, the first concern of all is to save the poor workers from the cruelty of grasping speculators, who use human beings as mere instruments for making money. It is neither justice nor humanity so to grind men down with excessive labor as to stupefy their minds and wear out their bodies. Man's powers, like his general nature, are limited, and beyond these limits he cannot go. His strength is developed and in-

²⁹ Exodus xx. 8.

³⁰ Genesis ii. 2.

creased by use and exercise, but only on condition of due intermission and proper rest. Daily labor, therefore, must be so regulated that it may not be protracted during longer hours than strength admits. How many and how long the intervals of rest should be, will depend upon the nature of the work, on circumstances of time and place, and on the health and strength of the workman. Those who labor in mines and quarries, and in work within the bowels of the earth, should have shorter hours in proportion, as their labor is more severe and more trying to health. Then, again, the season of the year must be taken into account; for not unfrequently a kind of labor is easy at one time which at another is intolerable or very difficult. Finally, work which is suitable for a strong man cannot reasonably be required from a woman or a child.

A Word on Child-Labor

And, in regard to children, great care should be taken not to place them in workshops and factories until their bodies and minds are sufficiently mature. For just as rough weather destroys the buds of spring, so too early an experience of life's hard work blights the young promise of a child's powers, and makes any real education impossible. Women, again, are not suited to certain trades; for a woman is by nature fitted for home-work, and it is that which

is best adapted at once to preserve her modesty, and to promote the good bringing up of children and the well-being of the family. As a general principle, it may be laid down, that a workman ought to have leisure and rest in proportion to the wear and tear of his strength; for the waste of strength must be repaired by the cessation of work.

In all agreements between masters and work-people, there is always the condition, expressed or understood, that there be allowed proper rest for soul and body. To agree in any other sense would be against what is right and just; for it can never be right or just to require on the one side, or to promise on the other, the giving up of those duties which a man owes to his God and to himself.

Employers* Moral Obligation to Pay Fair Wages

We now approach a subject of very great importance and one which, if extremes are to be avoided, right ideas are absolutely necessary. Wages, we are told, are fixed by free consent; and, therefore, the employer when he pays what was agreed upon, has done his part, and is not called upon for anything further. The only way, it is said, in which injustice could happen, would be if the master refused to pay the whole of the wages, or the workman would not complete the work undertaken; when this happens the State should intervene, to see that each obtains

his own, but not under any other circumstances.

This mode of reasoning is by no means convincing to a fair-minded man, for there are important considerations which it leaves out of view altogether. To labor is to exert one's self for the sake of procuring what is necessary for the purposes of life, and most of all for self-preservation. *In the sweat of thy brow thou shalt eat bread.*¹* Therefore, a man's labor has two notes or characters. First of all, it is *personal*; for the exertion of individual power belongs to the individual who puts it forth employing this power for that personal profit for which it was given. Secondly, man's labor is *necessary*; for without the results of labor a man cannot live; and self-conservation is a law of Nature, which it is wrong to disobey. Now, if we were to consider labor merely so far as it is *personal*, doubtless it would be within the workman's right to accept any rate of wages whatever; for in the same way as he is free to work or not, so he is free to accept a small remuneration or even none at all. But this is a mere abstract supposition; the labor of the working man is not only his personal attribute, but it is *necessary*; and this makes all the difference. The preservation of life is the bounden duty of each and all, and to fail therein is a crime. It follows that each one has

³¹ Genesis iii. 19.

a right to procure what is required in order to live; and the poor can procure it in no other way than by work and wages.

Let it be granted, then, that, as a rule, workman and employer should make free agreements, and in particular should freely agree as to wages; nevertheless, there is a dictate of nature more imperious and more ancient than any bargain between man and man, that the remuneration must be enough to support the wage-earner in reasonable and frugal comfort. If through necessity or fear of a worse evil, the workman accepts harder conditions because an employer or contractor will give him no better, he is the victim of force and injustice. In these and similar questions, however—such as, for example, the hours of labor in different trades, the sanitary precautions to be observed in factories and workshops, etc.—in order to supersede undue interference on the part of the State, especially as circumstances, times, and localities differ so widely, it is advisable that recourse be had to Societies or Boards such as We shall mention presently, or to some other method of safeguarding the interests of the wage-earners; the State to be asked for approval and protection.

The State Should Favor Multiplication of Property Owners

If a workman's wages be sufficient to enable him to maintain himself, his wife, and his children in

reasonable comfort, he will not find it difficult, if he is a sensible man, to study economy; and he will **not** fail, by cutting down expenses, to put by a little property: nature and reason would urge him to do this. We have seen that this great Labor question cannot be solved except by assuming as a principle that private ownership must be held sacred and inviolable. The law, therefore, should favor ownership, and its policy should be to induce as many people as possible to become owners.

Many excellent results will follow from this; and first of all, property will certainly become more equitably divided. For the effect of civil change and revolution has been to divide society into two widely different castes. On the one side there is the party which holds the power because it holds the wealth; which has in its grasp all labor and all trade; which manipulates for its own benefit and its own purposes all the sources of supply, and which is powerfully represented in the councils of the State itself. On the other side there is the needy and powerless multitude, sore and suffering, always ready for disturbance. If working people can be encouraged to look forward to obtaining a share in the land, the result will be that the gulf between vast wealth and deep poverty will be bridged over, and the two orders will be brought nearer together. Another **consequence will be the greater abundance of the fruits of**

the earth. Men always work harder and more readily when they work on that which is their own; nay, they learn to love the very soil which yields in response to the labor of their hands, not only food to eat, but an abundance of the good things for themselves and those that are dear to them. It is evident how such a spirit of willing labor would add to the produce of the earth and to the wealth of the community. And a third advantage would arise from this: men would cling to the country in which they were born; for no one would exchange his country for a foreign land if his own afforded him the means of living a tolerable and happy life. These three important benefits, however, can only be expected on the condition that a man's means be not drained and exhausted by excessive taxation. The right to possess private property is from nature, not from man; and the State has only the right to regulate its use in the interests of the public good, but by no means to abolish it altogether. The State is, therefore, unjust and cruel, if, in the name of taxation, it deprives the private owner of more than is just.

Multiply Workingmen's Associations

In the first place—employers and workmen may themselves effect much in the matter of which we treat, by means of those institutions and organiza-

tions which afford opportune assistance to those in need, and which draw the two orders more closely together. Among these may be enumerated: Societies for mutual help; various foundations established by private persons for providing for the workman, and for his widow or his orphans, in sudden calamity, in sickness, and in the event of death; and what are called "patronages," or institutions for the care of boys and girls, for young people, and also for those of more mature age.

The most important of all are Workmen's Associations; for these virtually include all the rest. History attests what excellent results were effected by the Artificer's Guilds of a former day. They were the means not only of many advantages to the workmen, but in no small degree of the advancement of art, as numerous monuments remain to prove. Such associations should be adapted to the requirements of the age in which we live—an age of greater instruction, of different customs, and of more numerous requirements in daily life. It is gratifying to know that there are actually in existence not a few Societies of this nature, consisting either of workmen alone, or of workmen and employers together; but it were greatly to be desired that they should multiply and become more effective. We have spoken of them more than once; but it will be well

to explain here how much they are needed, to show that they exist by their own right, and to enter into their organization and their work.

The experience of his own weakness urges man to call in help from without. We read in the pages of Holy Writ: *It is better that two should be together than one; for they have the advantage of their society. If one fall he shall be supported by the other. Woe to him that is alone, for when he falleth he hath none to lift him up.*³² And further: *A brother that is helped by his brother is like a strong city.*³³ It is this natural impulse which unites men in civil society; and it is this also which makes them band themselves together in associations of citizen with citizen; associations which, it is true, cannot be called societies in the complete sense of the word, but which are societies nevertheless.

These lesser societies and the society which constitutes the State differ in many things, because their immediate purpose and end is different. Civil society exists for the common good, and, therefore, is concerned with the interests of all in general, and with the individual interests in their due place and proportion. Hence, it is called *public* society, because by its means, as St. Thomas of Aquin says, *Men com-*

³² **Ecclesiastes iv. 9. 10.**

³³ **Proverbs xviii. 19.**

*municate with one another in the setting up of a commonwealth.*³⁴ But the societies which are formed in the bosom of the State are called *private* and justly so, because their immediate purpose is the private advantage of the associates. Now, *a private society*, says St. Thomas again, *is one which is formed for the purpose of carrying out private business; as when two or three enter into partnership with the view of trading in conjunction.*³⁵ Particular societies, then, although they exist within the State, and are each a part of the State, nevertheless cannot be prohibited by the State absolutely and as such. For to enter into "society" of this kind is the natural right of man; and the State must protect natural rights, not destroy them; and if it forbids its citizens to form associations, it contradicts the very principle of its own existence; for both they and it exist in virtue of the same principle, viz., the natural propensity of man to live in society.

There are times, no doubt, when it is right that the law should interfere to prevent association; as when men join together for purposes which are evidently bad, unjust, or dangerous to the State. In such cases the public authority may justly forbid the formation of association, and may dissolve them when they already exist. But every precaution should

³⁴ *Contra irapugnantes Dei cultura et religionem. Cap. II.*

³⁵ *Ibid.*

be taken not to violate the rights of individuals, and not to make unreasonable regulations under the pretense of public benefit. For laws only bind when they are in accordance with right reason, and therefore with the eternal law of God.⁸⁶

The Advantages of Lawful Combination

And here we are reminded of the Confraternities, Societies, and Religious Orders which have arisen by the Church's authority and the piety of the Christian people. The annals of every nation down to our own times testify to what they have done for the human race. It is indisputable on grounds of reason alone, that such associations, being perfectly blameless in their objects, have the sanction of the law of nature. On their religious side, they rightly claim to be responsible to the Church alone. The administrators of the State, therefore, have no rights over them, nor can they claim any share in their management; on the contrary, it is the State's duty to respect and cherish them, and, if necessary, to defend them from attack. It is notorious that a very different course has been followed, more especially in our own times. In many places the State has laid

³⁶ *Human law is law only in virtue of its accordance with right reason; and thus it is manifest that it flows from the eternal law. And in so far as it deviates from right reason it is called an unjust law; in such case it is not law at all, but rather a species of violence.*^{1*}—St. Thomas of Aquin, *Summa Theologica*, 1a 2æ Q. xciii. Art. iii.

violent hands on these communities, and committed manifold injustice against them; it has placed them under the civil law, taken away their rights as corporate bodies, and robbed them of their property. In such property the Church had her rights, each member of the body had his or her rights, and there were also the rights of those who had founded or endowed them for a definite purpose, and of those for whose benefit and assistance they existed. Wherefore We cannot refrain from complaining of such spoliation as unjust and fraught with evil results; and with the more reason because, at the very time when the law proclaims that association is free to all, We see that Catholic societies, however peaceable and useful, are hindered in every way, whilst the utmost freedom is given to men whose objects are at once hurtful to Religion and dangerous to the State.

Associations of every kind, and especially those of working men, are now far more common than formerly. In regard to many of these there is no need at present to inquire whence they spring, what are their objects or what means they use. But there is a good deal of evidence which goes to prove that many of these societies are in the hands of invisible leaders, and are managed on principles far from compatible with Christianity and the public well-being; and that they do their best to get into their hands the

whole field of labor and to force workmen either to join them or to starve. Under these circumstances the Christian workmen must do one, of two things: either join associations in which their religion will be exposed to peril or form associations among themselves—unite their forces and courageously shake off the yoke of an unjust and intolerable oppression. No one who does not wish to expose man's chief good to extreme danger will hesitate to say that the second alternative must by all means be adopted.

Catholic Benefit and Insurance Societies

Those Catholics are worthy of all praise—and there are not a few—who, understanding what the times require, have, by various enterprises and experiments, endeavored to better the conditions of the working people without any sacrifice of principle. They have taken up the cause of the working man, and have striven to make both families and individuals better off; to infuse the spirit of justice into the mutual relations of employers and employed; to keep before the eyes of both classes the precepts of duty and the laws of the Gospel—that Gospel which, by inculcating self-restraint, keeps men within the bounds of moderation, and tends to establish harmony among the divergent interests and various classes which compose the State. It is with such ends

in view that We see men of eminence meeting together for discussion, for the promotion of united action, and for practical work. Others, again, strive to unite working people of various kinds into associations, help them with their advice and their means, and enable them to obtain honest and profitable work. The Bishops, on their part, bestow their ready good-will and support; and with their approval and guidance many members of the clergy, both secular and regular, labor assiduously *on* behalf of the spiritual and mental interests of the members of Associations. And there are not wanting Catholics possessed of affluence, who have, as it were, cast their lot with the wage-earners, and who have spent large sums in founding and widely spreading Benefit and Insurance Societies, by means of which the working man may without difficulty acquire by his labor not only many present advantages, but also the certainty of honorable support in time to come. How much this multiplied and earnest activity has benefited the community at large is too well known to require Us to dwell upon it. We find in it the grounds of the most cheering hope for the future; provided that the Associations We have described continue to grow and spread, and are well and wisely administered. Let the State watch over these Societies of citizens united together in the exercise of their right; but let it not thrust itself into their pe-

cular concerns and their organization, for things move and live by the soul within them, and they may be killed by the grasp of a hand from without.

In order that an Association may be carried on with a unity of purpose and harmony of action, its organization and government must be firm and wise. All such Societies, being free to exist, have the further right to adopt such rules and organization as may best conduce to the attainment of their objects. We do not deem it possible to enter into definite details on the subject of organization; this must depend on national character, on practice and experience, on the nature and scope of the work to be done, on the magnitude of the various trades and employments, and on other circumstances of fact and of time—all of which must be carefully weighed.

Found the Organizations on Religion

Speaking summarily, we may lay it down as a general and perpetual law, that Workmen's Associations should be so organized and governed as to furnish the best and most suitable means for attaining what is aimed at, that is to say, for helping each individual member to better his condition to the utmost, in body, mind and property. It is clear that they must pay special and principal attention to piety and morality, and that their internal discipline

must be directed precisely by these considerations; otherwise they entirely lose their special character, and come to be very little better than those societies which take no account of religion at all. What advantage can it be to a Workman to obtain by means of a Society all that he requires, and to endanger his soul for want of spiritual food? *What doth it profit man if he gain the whole world and suffer the loss of his own soul?*³⁷

This, as Our Lord teaches, is the note or character that distinguishes the Christian from the heathen. *After all these things do the heathen seek. . . . Seek ye first the Kingdom of God and His justice, and all these things shall be added unto you.*³⁸ Let our Associations, then, look first and before all to God; let religious instruction have therein a foremost place, each one being carefully taught what is his duty to God, what to believe, what to hope for, and how to work out his salvation; and let all be warned and fortified with especial solicitude against wrong opinions and false teaching. Let the working man be urged and led to the worship of God, to the earnest practice of religion, and, among other things, to the sanctification of Sundays and festivals. Let him learn to reverence and love Holy Church the common Mother of us all; and so to obey the pre-

³⁷ St Matthew xvi. 26.

³⁸ St Matthew vi. 32, 33.

cepts and frequent the Sacraments of the Church, those Sacraments being the means ordained by God for obtaining forgiveness of sin and for leading a holy life.

The foundations of the organization being laid in Religion, We next go on to determine the relations of the members, one to another, in order that they may live together in concord, and go on prosperously and successfully. The offices and charges of the Society should be distributed for the good of the Society itself, and in such manner that difference in degree or position should not interfere with unanimity and good-will. Office-bearers should be appointed with prudence and discretion, and each one's charge should be carefully marked out; thus no member will suffer wrong. Let the common funds be administered with strictest honesty, in such a way that a member receives assistance in proportion to his necessities. The rights and duties of employers should be the subject of careful consideration as compared with the rights and duties of the employed. If it should happen that either a master or a workman deemed himself injured, nothing would be more desirable than that there should be a committee composed of honest and capable men of the Association itself, whose duty it should be, by the laws of the Association, to decide

the dispute. Among the purposes of a Society should be to try to arrange for a continuous supply of work at all times and seasons; and to create a fund from which the members may be helped in their necessities, not only in case of accident, but also in sickness, old age, and misfortune.

Such rules and regulations, if obeyed willingly by all, will sufficiently ensure the well-being of poor people; whilst such Mutual Associations among Catholics are certain to be productive, in no small degree, of prosperity to the State. It is not rash to conjecture the future from the past. Age gives way to age, but the events of one century are wonderfully like those of another; for they are directed by the Providence of God, Who overrules the course of history in accordance with His purposes in creating the race of man. We are told that it was cast as a reproach on the Christians of the early ages of the Church, that the greater number of them had to live by begging or by labor. Yet, destitute as they were of wealth and influence they ended by winning over to their side the favor of the rich and the goodwill of the powerful. They showed themselves industrious, laborious and peaceful, men of justice, and, above all, men of brotherly love. In the presence of such a life and Such an example, prejudice disappeared, the tongue of malevolence was silenced,

and the lying traditions of ancient superstition yielded little by little to Christian truth.

At this moment the condition of the working population is the question of the hour; and nothing can be of higher interest to all classes of the State than that it should be rightly and reasonably decided. But it will be easy for Christian working men to decide it aright if they form Associations, choose wise guides, and follow the same path which with so much advantage to themselves and the commonwealth was trod by their fathers before them. Prejudice, it is true, is mighty, and so is the love of money; but if the sense of what is just and right be not destroyed by depravity of heart, their fellow-citizens are sure to be won over to a kindly feeling towards men whom they see to be so industrious and so modest, who so unmistakably prefer honesty to lucre, and the sacredness of duty to all other considerations.

And another great advantage would result from the state of things We are describing; there would be so much more hope and possibility of recalling to a sense of their duty those working men who have either given up their faith altogether, or whose lives are at variance with its precepts. These men, in most cases, feel that they have been fooled by empty promises and deceived by false appearances. They cannot but perceive that their grasping employers

too often treat them with the greatest inhumanity, and hardly care for them beyond the profit their labor brings; "and if they belong to an Association, it is probably one in which there exists, in place of charity and love, that intestine strife which always accompanies unresigned and irreligious poverty. Broken in spirit and worn down in body, how many of them would gladly free themselves from this galling slavery! But human respect, or the dread of starvation, makes them afraid to take the step. To such as these, Catholic associations are of incalculable service, helping them out of their difficulties, inviting them to companionship, and receiving the repentant to a shelter in which they may securely trust.

We have now laid before you, Venerable Brethren, who are the persons, and what are the means, by which this most difficult question must be solved. Every one must put his hand to work which falls to his share, and that at once and immediately, lest the evil which is already so great may by delay become absolutely beyond remedy. Those who rule the State must use the law and the institutions of the country; masters and rich men must remember their duty; the poor, whose interests are at stake, must make every lawful and proper effort; since Religion alone, as We said at the beginning, can destroy the evil at its root, all men must be persuaded that the pri-

many thing needful is to return to real Christianity, in the absence of which all the plans and devices of the wisest will be of little avail.

As far as regards the Church, its assistance will never be wanting, be the time or the occasion what it may; and it will intervene with great effect in proportion as its liberty of action is the more unfettered; let this be carefully noted by those whose office it is to provide for the public welfare. Every minister of holy Religion must throw into the conflict all the energy of his mind, and all the strength of his endurance; with your authority, Venerable Brethren, and by your example, they must never cease to urge upon all men of every class, upon the high as well as the lowly, the Gospel doctrines of Christian life; by every means in their power they must strive for the good of the people; and above all they must earnestly cherish in themselves, and try to arouse in others, Charity, the mistress and queen of virtues. For the happy results we all long for must be chiefly brought about by the plenteous outpouring of Charity; of that true Christian Charity which is the fulfilling of the whole Gospel law, which is always ready to sacrifice itself for other's sake, and which is man's surest antidote against worldly pride and immoderate love of self; that Charity whose office is described and whose God-like features are drawn by the Apostle St. Paul in

these words: *Charity is patient, is kind, . . . seeketh not her own, . . . suffereth all things, . . . endureth all things.*³⁹

On each of you, Venerable Brethren, and on your Clergy and people, as an earnest of God's mercy and a mark of our affection, We lovingly in the Lord bestow the Apostolic Benediction.

Given at St. Peter's in Rome, the fifteenth day of May, 1891, the fourteenth year of our Pontificate.

LEO XIII., POPE.

³⁹I Corinthians xiii. 4-7.

