
Beyond the Pleasure Principle

While Freud did not explicitly make this claim, one may regard *Beyond the Pleasure Principle* (1920) as the first, still somewhat tentative resolution of the troubling theoretical problem he had raised in the paper on narcissism (see above, pp. 545–62). *The Ego and the Id*, published three years later, was his second, definitive response. He now replaced the pairing of drives—libidinal and egoistic—that had served him for more than a decade of psychoanalytic theorizing and that he had called into question not long before the World War, with a new, more dramatic pair of contestants: life against death. Aggression, to which Freud had earlier devoted a measure of attention that he now deemed inadequate, became from 1920 on the equal adversary of Eros.

As critics have not failed to note, *Beyond the Pleasure Principle* is more remote from Freud's clinical experience than earlier theoretical papers. Freud does adduce some "case material," including veterans suffering from war neuroses, and that famous "fort-da" game that his eighteen-month-old grandson, Ernst Halberstadt—his daughter Sophie's eldest—played while his observant grandfather was watching. But for the rest, as Freud frankly noted, there is a good deal of conjecture in this little, path-breaking book: "What follows," Freud writes after giving his concrete instances of the "compulsion to repeat," is "speculation, often far-fetched speculation." But he thought such speculation unavoidable in the uncharted terrain he was now entering. (In the selections that follow, much of this material, especially about speculative biology, has been omitted.) The essay is a difficult text, but as the first statement of the new "structural" theory of the mind, it is indispensable to an understanding of fundamental shifts in psychoanalytic thinking.

Freud's preoccupation with death, marked in *Beyond the Pleasure Principle* and much of his later writing, has invited the suggestion that his thinking was colored darkly by the death of his charming and attractive daughter Sophie in January 1920, during the great influenza epidemic that claimed so many victims across Europe and the United States. Indeed, Fritz Wittels, an early associate of the Vienna psychoanalytic circle, said so explicitly in his biography of Freud (the first), of which he sent an advance copy to his subject in late 1923. Freud acknowledged that Wittels's argument was plausible enough. But he vigorously denied that he had developed his theory of the death drive as a consequence of grieving for his Sophie: the chronology was against it. He had in fact virtually completed *Beyond the Pleasure Principle* in 1919, and circulated the manuscript among a few intimates, while Sophie was still flourishing and enjoying perfect health. The essay must be read not as an exercise in autobiography, but as a turning point in theory.

I

In the theory of psycho-analysis we have no hesitation in assuming that the course taken by mental events is automatically regulated by the pleasure principle. We believe, that is to say, that the course of those

events is invariably set in motion by an unpleasurable tension, and that it takes a direction such that its final outcome coincides with a lowering of that tension—that is, with an avoidance of unpleasure or a production of pleasure. In taking that course into account in our consideration of the mental processes which are the subject of our study, we are introducing an 'economic' point of view into our work; and if, in describing those processes, we try to estimate this 'economic' factor in addition to the 'topographical' and 'dynamic' ones, we shall, I think, be giving the most complete description of them of which we can at present conceive, and one which deserves to be distinguished by the term 'metapsychological'.

It is of no concern to us in this connection to enquire how far, with this hypothesis of the pleasure principle, we have approached or adopted any particular, historically established, philosophical system. We have arrived at these speculative assumptions in an attempt to describe and to account for the facts of daily observation in our field of study. Priority and originality are not among the aims that psycho-analytic work sets itself; and the impressions that underlie the hypothesis of the pleasure principle are so obvious that they can scarcely be overlooked. On the other hand we would readily express our gratitude to any philosophical or psychological theory which was able to inform us of the meaning of the feelings of pleasure and unpleasure which act so imperatively upon us. But on this point we are, alas, offered nothing to our purpose. This is the most obscure and inaccessible region of the mind, and, since we cannot avoid contact with it, the least rigid hypothesis, it seems to me, will be the best. We have decided to relate pleasure and unpleasure to the quantity of excitation that is present in the mind but is not in any way 'bound'; and to relate them in such a manner that unpleasure corresponds to an *increase* in the quantity of excitation and pleasure to a *diminution*. What we are implying by this is not a simple relation between the strength of the feelings of pleasure and unpleasure and the corresponding modifications in the quantity of excitation; least of all—in view of all we have been taught by psycho-physiology—are we suggesting any directly proportional ratio: the factor that determines the feeling is probably the amount of increase or diminution in the quantity of excitation *in a given period of time*. Experiment might possibly play a part here; but it is not advisable for us analysts to go into the problem further so long as our way is not pointed by quite definite observations.

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The facts which have caused us to believe in the dominance of the pleasure principle in mental life also find expression in the hypothesis that the mental apparatus endeavours to keep the quantity of excitation present in it as low as possible or at least to keep it constant. This latter hypothesis is only another way of stating the pleasure principle; for if the work of the mental apparatus is directed towards keeping the quantity

of excitation low, then anything that is calculated to increase that quantity is bound to be felt as adverse to the functioning of the apparatus, that is as unpleasurable. The pleasure principle follows from the principle of constancy: actually the latter principle was inferred from the facts which forced us to adopt the pleasure principle. * * *

It must be pointed out, however, that strictly speaking it is incorrect to talk of the dominance of the pleasure principle over the course of mental processes. If such a dominance existed, the immense majority of our mental processes would have to be accompanied by pleasure or to lead to pleasure, whereas universal experience completely contradicts any such conclusion. The most that can be said, therefore, is that there exists in the mind a strong *tendency* towards the pleasure principle, but that that tendency is opposed by certain other forces or circumstances, so that the final outcome cannot always be in harmony with the tendency towards pleasure. * * *

If we turn now to the question of what circumstances are able to prevent the pleasure principle from being carried into effect, we find ourselves once more on secure and well-trodden ground and, in framing our answer, we have at our disposal a rich fund of analytic experience.

The first example of the pleasure principle being inhibited in this way is a familiar one which occurs with regularity. We know that the pleasure principle is proper to a *primary* method of working on the part of the mental apparatus, but that, from the point of view of the self-preservation of the organism among the difficulties of the external world, it is from the very outset inefficient and even highly dangerous. Under the influence of the ego's instincts of self-preservation, the pleasure principle is replaced by the *reality principle*. This latter principle does not abandon the intention of ultimately obtaining pleasure, but it nevertheless demands and carries into effect the postponement of satisfaction, the abandonment of a number of possibilities of gaining satisfaction and the temporary toleration of unpleasure as a step on the long indirect road to pleasure. The pleasure principle long persists, however, as the method of working employed by the sexual instincts, which are so hard to 'educate', and, starting from those instincts, or in the ego itself, it often succeeds in overcoming the reality principle, to the detriment of the organism as a whole.

There can be no doubt, however, that the replacement of the pleasure principle by the reality principle can only be made responsible for a small number, and by no means the most intense, of unpleasure experiences. Another occasion of the release of unpleasure, which occurs with no less regularity, is to be found in the conflicts and dissensions that take place in the mental apparatus while the ego is passing through its development into more highly composite organizations. Almost all the energy with which the apparatus is filled arises from its innate instinctual impulses. But these are not all allowed to reach the same phases of development. In the course of things it happens again and again that

individual instincts or parts of instincts turn out to be incompatible in their aims or demands with the remaining ones, which are able to combine into the inclusive unity of the ego. The former are then split off from this unity by the process of repression, held back at lower levels of psychical development and cut off, to begin with, from the possibility of satisfaction. If they succeed subsequently, as can so easily happen with repressed sexual instincts, in struggling through, by roundabout paths, to a direct or to a substitutive satisfaction, that event, which would in other cases have been an opportunity for pleasure, is felt by the ego as unpleasure. As a consequence of the old conflict which ended in repression, a new breach has occurred in the pleasure principle at the very time when certain instincts were endeavouring, in accordance with the principle, to obtain fresh pleasure. * * *

The two sources of unpleasure which I have just indicated are very far from covering the majority of our unpleasurable experiences. But as regards the remainder it can be asserted with some show of justification that their presence does not contradict the dominance of the pleasure principle. Most of the unpleasure that we experience is *perceptual* unpleasure. It may be perception of pressure by unsatisfied instincts; or it may be external perception which is either distressing in itself or which excites unpleasurable expectations in the mental apparatus—that is, which is recognized by it as a ‘danger’. The reaction to these instinctual demands and threats of danger, a reaction which constitutes the proper activity of the mental apparatus, can then be directed in a correct manner by the pleasure principle or the reality principle by which the former is modified. This does not seem to necessitate any far-reaching limitation of the pleasure principle. Nevertheless the investigation of the mental reaction to external danger is precisely in a position to produce new material and raise fresh questions bearing upon our present problem.

II

A condition has long been known and described which occurs after several mechanical concussions, railway disasters and other accidents involving a risk to life; it has been given the name of ‘traumatic neurosis’. The terrible war which has just ended gave rise to a great number of illnesses of this kind, but it at least put an end to the temptation to attribute the cause of the disorder to organic lesions of the nervous system brought about by mechanical force.¹ The symptomatic picture presented by traumatic neurosis approaches that of hysteria in the wealth of its similar motor symptoms, but surpasses it as a rule in its strongly marked signs of subjective ailment (in which it resembles hypochondria or melancholia) as well as in the evidence it gives of a far more comprehensive general enfeeblement and disturbance of the mental capacities. No com-

1. Cf. the discussion on the psycho-analysis of war neuroses by Freud, Ferenczi, Abraham, Simmel and Jones (*Psycho-Analysis and the War-Neuroses*, [1919; tr. 1921]).

plete explanation has yet been reached either of war neuroses or of the traumatic neuroses of peace. In the case of war neuroses, the fact that the same symptoms sometimes came about without the intervention of any gross mechanical force seemed at once enlightening and bewildering. In the case of the ordinary traumatic neuroses, two characteristics emerge prominently: first, that the chief weight in their causation seems to rest upon the factor of surprise, of fright; and secondly, that a wound or injury inflicted simultaneously works as a rule *against* the development of a neurosis. 'Fright', 'fear', and 'anxiety' are improperly used as synonymous expressions; they are in fact capable of clear distinction in their relation to danger. 'Anxiety' describes a particular state of expecting the danger or preparing for it, even though it may be an unknown one. 'Fear' requires a definite object of which to be afraid. 'Fright', however, is the name we give to the state a person gets into when he has run into danger without being prepared for it; it emphasizes the factor of surprise. I do not believe anxiety can produce a traumatic neurosis. There is something about anxiety that protects its subject against fright and so against fright-neuroses. We shall return to this point later.

The study of dreams may be considered the most trustworthy method of investigating deep mental processes. Now dreams occurring in traumatic neuroses have the characteristic of repeatedly bringing the patient back into the situation of his accident, a situation from which he wakes up in another fright. This astonishes people far too little. They think the fact that the traumatic experience is constantly forcing itself upon the patient even in his sleep is a proof of the strength of that experience: the patient is, as one might say, fixated to his trauma. Fixations to the experience which started the illness have long been familiar to us in hysteria. Breuer and Freud declared in 1893 that 'hysterics suffer mainly from reminiscences'. In the war neuroses, too, observers like Ferenczi and Simmel have been able to explain certain motor symptoms by fixation to the moment at which the trauma occurred.

I am not aware, however, that patients suffering from traumatic neurosis are much occupied in their waking lives with memories of their accident. Perhaps they are more concerned with *not* thinking of it. Anyone who accepts it as something self-evident that their dreams should put them back at night into the situation that caused them to fall ill has misunderstood the nature of dreams. It would be more in harmony with their nature if they showed the patient pictures from his healthy past or of the cure for which he hopes. If we are not to be shaken in our belief in the wish-fulfilling tenor of dreams by the dreams of traumatic neurotics, we still have one resource open to us: we may argue that the function of dreaming, like so much else, is upset in this condition and diverted from its purposes, or we may be driven to reflect on the mysterious masochistic trends of the ego.

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At this point I propose to leave the dark and dismal subject of the traumatic neurosis and pass on to examine the method of working employed by the mental apparatus in one of its earliest *normal* activities—I mean in children's play.

* * * I have been able, through a chance opportunity which presented itself, to throw some light upon the first game played by a little boy of one and a half and invented by himself. It was more than a mere fleeting observation, for I lived under the same roof as the child and his parents for some weeks, and it was some time before I discovered the meaning of the puzzling activity which he constantly repeated.

The child was not at all precocious in his intellectual development. At the age of one and a half he could say only a few comprehensible words; he could also make use of a number of sounds which expressed a meaning intelligible to those around him. He was, however, on good terms with his parents and their one servant-girl, and tributes were paid to his being a 'good boy'. He did not disturb his parents at night, he conscientiously obeyed orders not to touch certain things or go into certain rooms, and above all he never cried when his mother left him for a few hours. At the same time, he was greatly attached to his mother, who had not only fed him herself but had also looked after him without any outside help. This good little boy, however, had an occasional disturbing habit of taking any small objects he could get hold of and throwing them away from him into a corner, under the bed, and so on, so that hunting for his toys and picking them up was often quite a business. As he did this he gave vent to a loud, long-drawn-out 'o-o-o-o', accompanied by an expression of interest and satisfaction. His mother and the writer of the present account were agreed in thinking that this was not a mere interjection but represented the German word '*fort*' ['gone']. I eventually realized that it was a game and that the only use he made of any of his toys was to play 'gone' with them. One day I made an observation which confirmed my view. The child had a wooden reel with a piece of string tied round it. It never occurred to him to pull it along the floor behind him, for instance, and play at its being a carriage. What he did was to hold the reel by the string and very skilfully throw it over the edge of his curtained cot, so that it disappeared into it, at the same time uttering his expressive 'o-o-o-o'. He then pulled the reel out of the cot again by the string and hailed its reappearance with a joyful '*da*' ['there']. This, then, was the complete game—disappearance and return. As a rule one only witnessed its first act, which was repeated untiringly as a game in itself, though there is no doubt that the greater pleasure was attached to the second act.²

2. A further observation subsequently confirmed this interpretation fully. One day the child's mother had been away for several hours and on her return was met with the words 'Baby o-o-o-o!' which was at first incomprehensible. It soon turned out, however, that during this long period of sol-

itude the child had found a method of making *himself* disappear. He had discovered his reflection in a full-length mirror which did not quite reach to the ground, so that by crouching down he could make his mirror-image 'gone'.

The interpretation of the game then became obvious. It was related to the child's great cultural achievement—the instinctual renunciation (that is, the renunciation of instinctual satisfaction) which he had made in allowing his mother to go away without protesting. He compensated himself for this, as it were, by himself staging the disappearance and return of the objects within his reach. It is of course a matter of indifference from the point of view of judging the effective nature of the game whether the child invented it himself or took it over on some outside suggestion. Our interest is directed to another point. The child cannot possibly have felt his mother's departure as something agreeable or even indifferent. How then does his repetition of this distressing experience as a game fit in with the pleasure principle? It may perhaps be said in reply that her departure had to be enacted as a necessary preliminary to her joyful return, and that it was in the latter that lay the true purpose of the game. But against this must be counted the observed fact that the first act, that of departure, was staged as a game in itself and far more frequently than the episode in its entirety, with its pleasurable ending.

No certain decision can be reached from the analysis of a single case like this. On an unprejudiced view one gets an impression that the child turned his experience into a game from another motive. At the outset he was in a *passive* situation—he was overpowered by the experience; but, by repeating it, unpleasurable though it was, as a game, he took on an *active* part. These efforts might be put down to an instinct for mastery that was acting independently of whether the memory was in itself pleasurable or not. But still another interpretation may be attempted. Throwing away the object so that it was 'gone' might satisfy an impulse of the child's, which was suppressed in his actual life, to revenge himself on his mother for going away from him. In that case it would have a defiant meaning: 'All right, then, go away! I don't need you. I'm sending you away myself.' A year later, the same boy whom I had observed at his first game used to take a toy, if he was angry with it, and throw it on the floor, exclaiming: 'Go to the fwont!' He had heard at that time that his absent father was 'at the front', and was far from regretting his absence; on the contrary he made it quite clear that he had no desire to be disturbed in his sole possession of his mother.³ We know of other children who liked to express similar hostile impulses by throwing away objects instead of persons. We are therefore left in doubt as to whether the impulse to work over in the mind some overpowering experience so as to make oneself master of it can find expressions as a primary event, and independently of the pleasure principle. For, in the case we have been discussing, the child may, after all, only

3. When this child was five and three-quarters, his mother died. Now that she was really 'gone' (o-o-o), the little boy showed no signs of grief. It is true that in the interval a second child had been

born and had roused him to violent jealousy. {This dry comment is the only direct reflection of Sophie's death in the whole essay.}

have been able to repeat his unpleasant experience in play because the repetition carried along with it a yield of pleasure of another sort but none the less a direct one.

Nor shall we be helped in our hesitation between these two views by further considering children's play. It is clear that in their play children repeat everything that has made a great impression on them in real life, and that in doing so they abreact the strength of the impression and, as one might put it, make themselves master of the situation. But on the other hand it is obvious that all their play is influenced by a wish that dominates them the whole time—the wish to be grown-up and to be able to do what grown-up people do. It can also be observed that the unpleasurable nature of an experience does not always unsuit it for play. If the doctor looks down a child's throat or carries out some small operation on him, we may be quite sure that these frightening experiences will be the subject of the next game; but we must not in that connection overlook the fact that there is a yield of pleasure from another source. As the child passes over from the passivity of the experience to the activity of the game, he hands on the disagreeable experience to one of his playmates and in this way revenges himself on a substitute.

Nevertheless, it emerges from this discussion that there is no need to assume the existence of a special imitative instinct in order to provide a motive for play. Finally, a reminder may be added that the artistic play and artistic imitation carried out by adults, which, unlike children's, are aimed at an audience, do not spare the spectators (for instance, in tragedy) the most painful experiences and can yet be felt by them as highly enjoyable. This is convincing proof that, even under the dominance of the pleasure principle, there are ways and means enough of making what is in itself unpleasurable into a subject to be recollected and worked over in the mind. The consideration of these cases and situations, which have a yield of pleasure as their final outcome, should be undertaken by some system of aesthetics with an economic approach to its subject-matter. They are of no use for *our* purposes, since they presuppose the existence and dominance of the pleasure principle; they give no evidence of the operation of tendencies *beyond* the pleasure principle, that is, of tendencies more primitive than it and independent of it.

III

Twenty-five years of intense work have had as their result that the immediate aims of psycho-analytic technique are quite other to-day than they were at the outset. At first the analysing physician could do no more than discover the unconscious material that was concealed from the patient, put it together, and, at the right moment, communicate it to him. Psycho-analysis was then first and foremost an art of interpreting. Since this did not solve the therapeutic problem, a further aim quickly

came in view: to oblige the patient to confirm the analyst's construction from his own memory. In that endeavour the chief emphasis lay upon the patient's resistances: the art consisted now in uncovering these as quickly as possible, in pointing them out to the patient and in inducing him by human influence—this was where suggestion operating as 'transference' played its part—to abandon his resistances.

But it became ever clearer that the aim which had been set up—the aim that what was unconscious should become conscious—is not completely attainable by that method. The patient cannot remember the whole of what is repressed in him, and what he cannot remember may be precisely the essential part of it. Thus he acquires no sense of conviction of the correctness of the construction that has been communicated to him. He is obliged to *repeat* the repressed material as a contemporary experience instead of, as the physician would prefer to see, *remembering* it as something belonging to the past. These reproductions, which emerge with such unwished-for exactitude, always have as their subject some portion of infantile sexual life—of the Oedipus complex, that is, and its derivatives; and they are invariably acted out in the sphere of the transference, of the patient's relation to the physician. When things have reached this stage, it may be said that the earlier neurosis has now been replaced by a fresh, 'transference neurosis'. It has been the physician's endeavour to keep this transference neurosis within the narrowest limits: to force as much as possible into the channel of memory and to allow as little as possible to emerge as repetition. The ratio between what is remembered and what is reproduced varies from case to case. The physician cannot as a rule spare his patient this phase of the treatment. He must get him to re-experience some portion of his forgotten life, but must see to it, on the other hand, that the patient retains some degree of aloofness, which will enable him, in spite of everything, to recognize that what appears to be reality is in fact only a reflection of a forgotten past. If this can be successfully achieved, the patient's sense of conviction is won, together with the therapeutic success that is dependent on it.

In order to make it easier to understand this 'compulsion to repeat', which emerges during the psycho-analytic treatment of neurotics, we must above all get rid of the mistaken notion that what we are dealing with in our struggle against resistances is resistance on the part of the *unconscious*. The unconscious—that is to say, the 'repressed'—offers no resistance whatever to the efforts of the treatment. Indeed, it itself has no other endeavour than to break through the pressure weighing down on it and force its way either to consciousness or to a discharge through some real action. Resistance during treatment arises from the same higher strata and systems of the mind which originally carried out repression. But the fact that, as we know from experience, the motives of the resistances, and indeed the resistances themselves, are unconscious at first during the treatment, is a hint to us that we should correct a

shortcoming in our terminology. We shall avoid a lack of clarity if we make our contrast not between the conscious and the unconscious but between the coherent *ego* and the *repressed*. It is certain that much of the ego is itself unconscious, and notably what we may describe as its nucleus; only a small part of it is covered by the term 'preconscious'. Having replaced a purely descriptive terminology by one which is systematic or dynamic, we can say that the patient's resistance arises from his ego, and we then at once perceive that the compulsion to repeat must be ascribed to the unconscious repressed. It seems probable that the compulsion can only express itself after the work of treatment has gone half-way to meet it and has loosened the repression.

There is no doubt that the resistance of the conscious and unconscious ego operates under the sway of the pleasure principle: it seeks to avoid the unpleasure which would be produced by the liberation of the repressed. *Our* efforts, on the other hand, are directed towards procuring the toleration of that unpleasure by an appeal to the reality principle. But how is the compulsion to repeat—the manifestation of the power of the repressed—related to the pleasure principle? It is clear that the greater part of what is re-experienced under the compulsion to repeat must cause the ego unpleasure, since it brings to light activities of repressed instinctual impulses. That, however, is unpleasure of a kind we have already considered and does not contradict the pleasure principle: unpleasure for one system and simultaneously satisfaction for the other. But we come now to a new and remarkable fact, namely that the compulsion to repeat also recalls from the past experiences which include no possibility of pleasure, and which can never, even long ago, have brought satisfaction even to instinctual impulses which have since been repressed.

The early efflorescence of infantile sexual life is doomed to extinction because its wishes are incompatible with reality and with the inadequate stage of development which the child has reached. That efflorescence comes to an end in the most distressing circumstances and to the accompaniment of the most painful feelings. Loss of love and failure leave behind them a permanent injury to self-regard in the form of a narcissistic scar, which in my opinion * * * contributes more than anything to the 'sense of inferiority' which is so common in neurotics. The child's sexual researches, on which limits are imposed by his physical development, lead to no satisfactory conclusion; hence such later complaints as 'I can't accomplish anything; I can't succeed in anything'. The tie of affection, which binds the child as a rule to the parent of the opposite sex, succumbs to disappointment, to a vain expectation of satisfaction or to jealousy over the birth of a new baby—unmistakable proof of the infidelity of the object of the child's affections. His own attempt to make a baby himself, carried out with tragic seriousness, fails shamefully. The lessening amount of affection he receives, the increasing demands of education, hard words and an occasional punishment—these show him

at last the full extent to which he has been scorned. These are a few typical and constantly recurring instances of the ways in which the love characteristic of the age of childhood is brought to a conclusion.

Patients repeat all of these unwanted situations and painful emotions in the transference and revive them with the greatest ingenuity. They seek to bring about the interruption of the treatment while it is still incomplete; they contrive once more to feel themselves scorned, to oblige the physician to speak severely to them and treat them coldly; they discover appropriate objects for their jealousy; instead of the passionately desired baby of their childhood, they produce a plan or a promise of some grand present—which turns out as a rule to be no less unreal. None of these things can have produced pleasure in the past, and it might be supposed that they would cause less unpleasure to-day if they emerged as memories or dreams instead of taking the form of fresh experiences. They are of course the activities of instincts intended to lead to satisfaction; but no lesson has been learnt from the old experience of these activities having led instead only to unpleasure. In spite of that, they are repeated, under pressure of a compulsion.

What psycho-analysis reveals in the transference phenomena of neurotics can also be observed in the lives of some normal people. The impression they give is of being pursued by a malignant fate or possessed by some 'daemonic' power; but psycho-analysis has always taken the view that their fate is for the most part arranged by themselves and determined by early infantile influences. The compulsion which is here in evidence differs in no way from the compulsion to repeat which we have found in neurotics, even though the people we are now considering have never shown any signs of dealing with a neurotic conflict by producing symptoms. Thus we have come across people all of whose human relationships have the same outcome: such as the benefactor who is abandoned in anger after a time by each of his *protégés*, however much they may otherwise differ from one another, and who thus seems doomed to taste all the bitterness of ingratitude; or the man whose friendships all end in betrayal by his friend; or the man who time after time in the course of his life raises someone else into a position of great private or public authority and then, after a certain interval, himself upsets that authority and replaces him by a new one; or, again, the lover each of whose love affairs with a woman passes through the same phases and reaches the same conclusion. This 'perpetual recurrence of the same thing' causes us no astonishment when it relates to *active* behaviour on the part of the person concerned and when we can discern in him an essential character-trait which always remains the same and which is compelled to find expression in a repetition of the same experiences. We are much more impressed by cases where the subject appears to have a *passive* experience, over which he has no influence, but in which he meets with a repetition of the same fatality. There is the case, for instance, of the woman who married three successive husbands each of

whom fell ill soon afterwards and had to be nursed by her on their deathbeds.⁴ The most moving poetic picture of a fate such as this is given by Tasso in his romantic epic *Gerusalemme Liberata*. Its hero, Tancred, unwittingly kills his beloved Clorinda in a duel while she is disguised in the armour of an enemy knight. After her burial he makes his way into a strange magic forest which strikes the Crusaders' army with terror. He slashes with his sword at a tall tree; but blood streams from the cut and the voice of Clorinda, whose soul is imprisoned in the tree, is heard complaining that he has wounded his beloved once again.

If we take into account observations such as these, based upon behaviour in the transference and upon the life-histories of men and women, we shall find courage to assume that there really does exist in the mind a compulsion to repeat which overrides the pleasure principle. Now too we shall be inclined to relate to this compulsion the dreams which occur in traumatic neuroses and the impulse which leads children to play.

But it is to be noted that only in rare instances can we observe the pure effects of the compulsion to repeat, unsupported by other motives. In the case of children's play we have already laid stress on the other ways in which the emergence of the compulsion may be interpreted; the compulsion to repeat and instinctual satisfaction which is immediately pleasurable seem to converge here into an intimate partnership. The phenomena of transference are obviously exploited by the resistance which the ego maintains in its pertinacious insistence upon repression; the compulsion to repeat, which the treatment tries to bring into its service is, as it were, drawn over by the ego to *its* side (clinging as the ego does to the pleasure principle). A great deal of what might be described as the compulsion of destiny seems intelligible on a rational basis; so that we are under no necessity to call in a new and mysterious motive force to explain it.

The least dubious instance [of such a motive force] is perhaps that of traumatic dreams. But on maturer reflection we shall be forced to admit that even in the other instances the whole ground is not covered by the operation of the familiar motive forces. Enough is left unexplained to justify the hypothesis of a compulsion to repeat—something that seems more primitive, more elementary, more instinctual than the pleasure principle which it over-rides. But if a compulsion to repeat *does* operate in the mind, we should be glad to know something about it, to learn what function it corresponds to, under what conditions it can emerge and what its relation is to the pleasure principle—to which, after all, we have hitherto ascribed dominance over the course of the processes of excitation in mental life.

4. Cf. the apt remark on this subject by C. G. Jung ("The Significance of the Father in the Destiny of the Individual") (1909) (tr. 1916. This is a

virtually unique acknowledgment on Freud's part of Jung's merits—displayed during Jung's "psychoanalytic period"—after his break with Jung).

IV

What follows is speculation, often far-fetched speculation, which the reader will consider or dismiss according to his individual predilection. It is further an attempt to follow out an idea consistently, out of curiosity to see where it will lead.

Psycho-analytic speculation takes as its point of departure the impression, derived from examining unconscious processes, that consciousness may be, not the most universal attribute of mental processes, but only a particular function of them. Speaking in metapsychological terms, it asserts that consciousness is a function of a particular system which it describes as *Cs*. What consciousness yields consists essentially of perceptions of excitations coming from the external world and of feelings of pleasure and unpleasure which can only arise from within the mental apparatus; it is therefore possible to assign to the system *Pcpt.-Cs* a position in space. It must lie on the borderline between outside and inside; it must be turned towards the external world and must envelop the other psychical systems. It will be seen that there is nothing daringly new in these assumptions; we have merely adopted the views on localization held by cerebral anatomy, which locates the 'seat' of consciousness in the cerebral cortex—the outermost, enveloping layer of the central organ. Cerebral anatomy has no need to consider why, speaking anatomically, consciousness should be lodged on the surface of the brain instead of being safely housed somewhere in its inmost interior. Perhaps we shall be more successful in accounting for this situation in the case of our system *Pcpt.-Cs*.

Consciousness is not the only distinctive character which we ascribe to the processes in that system. On the basis of impressions derived from our psycho-analytic experience, we assume that all excitatory processes that occur in the *other* systems leave permanent traces behind in them which form the foundation of memory. Such memory-traces, then, have nothing to do with the fact of becoming conscious; indeed they are often most powerful and most enduring when the process which left them behind was one which never entered consciousness. We find it hard to believe, however, that permanent traces of excitation such as these are also left in the system *Pcpt.-Cs*. If they remained constantly conscious, they would very soon set limits to the system's aptitude for receiving fresh excitations. If, on the other hand, they were unconscious, we should be faced with the problem of explaining the existence of unconscious processes in a system whose functioning was otherwise accompanied by the phenomenon of consciousness. We should, so to say, have altered nothing and gained nothing by our hypothesis relegating the process of becoming conscious to a special system. Though this consideration is not absolutely conclusive, it nevertheless leads us to suspect that becoming conscious and leaving behind a memory-trace are processes incompatible with each other within one and the same

system. Thus we should be able to say that the excitatory process becomes conscious in the system Cs. but leaves no permanent trace behind there; but that the excitation is transmitted to the systems lying next within and that it is in *them* that its traces are left. * * * It must be borne in mind that little enough is known from other sources of the origin of consciousness; when, therefore, we lay down the proposition that *consciousness arises instead of a memory-trace*, the assertion deserves consideration, at all events on the ground of its being framed in fairly precise terms.

If this is so, then, the system Cs. is characterized by the peculiarity that in it (in contrast to what happens in the other psychical systems) excitatory processes do not leave behind any permanent change in its elements but expire, as it were, in the phenomenon of becoming conscious. An exception of this sort to the general rule requires to be explained by some factor that applies exclusively to that one system. Such a factor, which is absent in the other systems, might well be the exposed situation of the system Cs., immediately abutting as it does on the external world.

* * *

* * * We describe as 'traumatic' any excitations from outside which are powerful enough to break through the protective shield. It seems to me that the concept of trauma necessarily implies a connection of this kind with a breach in an otherwise efficacious barrier against stimuli. Such an event as an external trauma is bound to provoke a disturbance on a large scale in the functioning of the organism's energy and to set in motion every possible defensive measure. At the same time, the pleasure principle is for the moment put out of action. There is no longer any possibility of preventing the mental apparatus from being flooded with large amounts of stimulus, and another problem arises instead—the problem of mastering the amounts of stimulus which have broken in and of binding them, in the psychical sense, so that they can then be disposed of.

The specific unpleasure of physical pain is probably the result of the protective shield having been broken through in a limited area. There is then a continuous stream of excitations from the part of the periphery concerned to the central apparatus of the mind, such as could normally arise only from *within* the apparatus. And how shall we expect the mind to react to this invasion? Cathectic energy is summoned from all sides to provide sufficiently high cathexes of energy in the environs of the breach. An 'anticathexis' on a grand scale is set up, for whose benefit all the other psychical systems are impoverished, so that the remaining psychical functions are extensively paralysed or reduced. We must endeavour to draw a lesson from examples such as this and use them as a basis for our metapsychological speculations. From the present case, then, we infer that a system which is itself highly cathected is capable

of taking up an additional stream of fresh inflowing energy and of converting it into quiescent cathexis, that is of binding it psychically. The higher the system's own quiescent cathexis, the greater seems to be its binding force; conversely, therefore, the lower its cathexis, the less capacity will it have for taking up inflowing energy and the more violent must be the consequences of such a breach in the protective shield against stimuli. To this view it cannot be justly objected that the increase of cathexis round the breach can be explained far more simply as the direct result of the inflowing masses of excitation. If that were so, the mental apparatus would merely receive an increase in its cathexes of energy, and the paralysing character of pain and the impoverishment of all the other systems would remain unexplained. Nor do the very violent phenomena of discharge to which pain gives rise affect our explanation, for they occur in a reflex manner—that is, they follow without the intervention of the mental apparatus. The indefiniteness of all our discussions on what we describe as metapsychology is of course due to the fact that we know nothing of the nature of the excitatory process that takes place in the elements of the psychical systems, and that we do not feel justified in framing any hypothesis on the subject. We are consequently operating all the time with a large unknown factor, which we are obliged to carry over into every new formula. It may be reasonably supposed that this excitatory process can be carried out with energies that vary *quantitatively*; it may also seem probable that it has more than one *quality* (in the nature of amplitude, for instance). As a new factor we have taken into consideration Breuer's hypothesis that charges of energy occur in two forms; so that we have to distinguish between two kinds of cathexis of the psychical systems or their elements—a freely flowing cathexis that presses on towards discharge and a quiescent cathexis. We may perhaps suspect that the binding of the energy that streams into the mental apparatus consists in its change from a freely flowing into a quiescent state.

We may, I think, tentatively venture to regard the common traumatic neurosis as a consequence of an extensive breach being made in the protective shield against stimuli. This would seem to reinstate the old, naive theory of shock, in apparent contrast to the later and psychologically more ambitious theory which attributes aetiological importance not to the effects of mechanical violence but to fright and the threat to life. These opposing views are not, however, irreconcilable; nor is the psycho-analytic view of the traumatic neurosis identical with the shock theory in its crudest form. The latter regards the essence of the shock as being the direct damage to the molecular structure or even to the histological structure of the elements of the nervous system; whereas what we seek to understand are the effects produced on the organ of the mind by the breach in the shield against stimuli and by the problems that follow in its train. And we still attribute importance to the element of fright. It is caused by lack of any preparedness for anxiety, including

lack of hypercathexis of the systems that would be the first to receive the stimulus. Owing to their low cathexis those systems are not in a good position for binding the inflowing amounts of excitation and the consequences of the breach in the protective shield follow all the more easily. It will be seen, then, that preparedness for anxiety and the hypercathexis of the receptive systems constitute the last line of defence of the shield against stimuli. In the case of quite a number of traumas, the difference between systems that are unprepared and systems that are well prepared through being hypercathexed may be a decisive factor in determining the outcome; though where the strength of a trauma exceeds a certain limit this factor will no doubt cease to carry weight. The fulfilment of wishes is, as we know, brought about in a hallucinatory manner by dreams, and under the dominance of the pleasure principle this has become their function. But it is not in the service of that principle that the dreams of patients suffering from traumatic neuroses lead them back with such regularity to the situation in which the trauma occurred. We may assume, rather, that dreams are here helping to carry out another task, which must be accomplished before the dominance of the pleasure principle can even begin. These dreams are endeavouring to master the stimulus retrospectively, by developing the anxiety whose omission was the cause of the traumatic neurosis. They thus afford us a view of a function of the mental apparatus which, though it does not contradict the pleasure principle, is nevertheless independent of it and seems to be more primitive than the purpose of gaining pleasure and avoiding unpleasure.

This would seem to be the place, then, at which to admit for the first time an exception to the proposition that dreams are fulfilments of wishes. Anxiety dreams, as I have shown repeatedly and in detail, offer no such exception. Nor do 'punishment dreams', for they merely replace the forbidden wish-fulfilment by the appropriate punishment for it; that is to say, they fulfil the wish of the sense of guilt which is the reaction to the repudiated impulse. But it is impossible to classify as wish-fulfilments the dreams we have been discussing which occur in traumatic neuroses, or the dreams during psycho-analyses which bring to memory the psychical traumas of childhood. They arise, rather, in obedience to the compulsion to repeat, though it is true that in analysis that compulsion is supported by the wish (which is encouraged by 'suggestion') to conjure up what has been forgotten and repressed. Thus it would seem that the function of dreams, which consists in setting aside any motives that might interrupt sleep, by fulfilling the wishes of the disturbing impulses, is not their *original* function. It would not be possible for them to perform that function until the whole of mental life had accepted the dominance of the pleasure principle. If there is a 'beyond the pleasure principle', it is only consistent to grant that there was also a time before the purpose of dreams was the fulfilment of wishes. This would imply no denial of their later function. But if once this general

rule has been broken, a further question arises. May not dreams which, with a view to the psychical binding of traumatic impressions, obey the compulsion to repeat—may not such dreams occur *outside* analysis as well? And the reply can only be a decided affirmative.

'War neuroses' (in so far as that term implies something more than a reference to the circumstances of the illness's onset) may very well be traumatic neuroses which have been facilitated by a conflict in the ego. A gross physical injury caused simultaneously by the trauma diminishes the chances that a neurosis will develop, becomes intelligible if one bears in mind two facts which have been stressed by psycho-analytic research: firstly, that mechanical agitation must be recognized as one of the sources of sexual excitation, and secondly, that painful and feverish illnesses exercise a powerful effect, so long as they last, on the distribution of libido. Thus, on the one hand, the mechanical violence of the trauma would liberate a quantity of sexual excitation which, owing to the lack of preparation for anxiety, would have a traumatic effect; but, on the other hand, the simultaneous physical injury, by calling for a narcissistic hypercathexis of the injured organ, would bind the excess of excitation. It is also well known, though the libido theory has not yet made sufficient use of the fact, that such severe disorders in the distribution of libido as melancholia are temporarily brought to an end by intercurrent organic illness, and indeed that even a fully developed condition of dementia praecox is capable of a temporary remission in these same circumstances.

V

The fact that the cortical layer which receives stimuli is without any protective shield against excitations from within must have as its result that these latter transmissions of stimulus have a preponderance in economic importance and often occasion economic disturbances comparable with traumatic neuroses. The most abundant sources of this internal excitation are what are described as the organism's 'instincts'—the representatives of all the forces originating in the interior of the body and transmitted to the mental apparatus—at once the most important and the most obscure element of psychological research.

It will perhaps not be thought too rash to suppose that the impulses arising from the instincts do not belong to the type of *bound* nervous processes but of *freely mobile* processes which press towards discharge. The best part of what we know of these processes is derived from our study of the dream-work. We there discovered that the processes in the unconscious systems were fundamentally different from those in the preconscious (or conscious) systems. In the unconscious, cathexes can easily be completely transferred, displaced and condensed. Such treatment, however, could produce only invalid results if it were applied to preconscious material; and this accounts for the familiar peculiarities exhibited by manifest dreams after the preconscious residues of the pre-

ceding day have been worked over in accordance with the laws operating in the unconscious. I described the type of process found in the unconscious as the 'primary' psychical process, in contradistinction to the 'secondary' process which is the one obtaining in our normal waking life. Since all instinctual impulses have the unconscious systems as their point of impact, it is hardly an innovation to say that they obey the primary process. Again, it is easy to identify the primary psychical process with Breuer's freely mobile cathexis and the secondary process with changes in his bound or tonic cathexis. If so, it would be the task of the higher strata of the mental apparatus to bind the instinctual excitation reaching the primary process. A failure to effect this binding would provoke a disturbance analogous to a traumatic neurosis; and only after the binding has been accomplished would it be possible for the dominance of the pleasure principle (and of its modification, the reality principle) to proceed unhindered. Till then the other task of the mental apparatus, the task of mastering or binding excitations, would have precedence—not, indeed, in *opposition* to the pleasure principle, but independently of it and to some extent in disregard of it.

The manifestations of a compulsion to repeat (which we have described as occurring in the early activities of infantile mental life as well as among the events of psycho-analytic treatment) exhibit to a high degree an instinctual⁵ character and, when they act in opposition to the pleasure principle, give the appearance of some 'daemonic' force at work. In the case of children's play we seemed to see that children repeat unpleasurable experiences for the additional reason that they can master a powerful impression far more thoroughly by being active than they could by merely experiencing it passively. Each fresh repetition seems to strengthen the mastery they are in search of. Nor can children have their *pleasurable* experiences repeated often enough, and they are inexorable in their insistence that the repetition shall be an identical one. This character trait disappears later on. If a joke is heard for a second time it produces almost no effect; a theatrical production never creates so great an impression the second time as the first; indeed, it is hardly possible to persuade an adult who has very much enjoyed reading a book to re-read it immediately. Novelty is always the condition of enjoyment. But children will never tire of asking an adult to repeat a game that he has shown them or played with them, till he is too exhausted to go on. And if a child has been told a nice story, he will insist on hearing it over and over again rather than a new one; and he will remorselessly stipulate that the repetition shall be an identical one and will correct any alterations of which the narrator may be guilty—though they may actually have been made in the hope of gaining fresh approval. None of this contradicts the pleasure principle; repetition, the re-experiencing of something identical, is clearly in itself a source of pleasure. In the

5. [*Triebhaft* here and at the beginning of the next paragraph. The word '*Trieb*' bears much more of a feeling of urgency than the English 'instinct.'] {True, the word conveys a sense of being "driven."}

case of a person in analysis, on the contrary, the compulsion to repeat the events of his childhood in the transference evidently disregards the pleasure principle in every way. The patient behaves in a purely infantile fashion and thus shows us that the repressed memory-traces of his primaeval experiences are not present in him in a bound state and are indeed in a sense incapable of obeying the secondary process. It is to this fact of not being bound, moreover, that they owe their capacity for forming, in conjunction with the residues of the previous day, a wishful phantasy that emerges in a dream. This same compulsion to repeat frequently meets us as an obstacle to our treatment when at the end of an analysis we try to induce the patient to detach himself completely from his physician. It may be presumed, too, that when people unfamiliar with analysis feel an obscure fear—a dread of rousing something that, so they feel, is better left sleeping—what they are afraid of at bottom is the emergence of this compulsion with its hint of possession by some ‘daemonic’ power.

But how is the predicate of being ‘instinctual’ related to the compulsion to repeat? At this point we cannot escape a suspicion that we may have come upon the track of a universal attribute of instincts and perhaps of organic life in general which has not hitherto been clearly recognized or at least not explicitly stressed. *It seems, then, that an instinct is an urge inherent in organic life to restore an earlier state of things* which the living entity has been obliged to abandon under the pressure of external disturbing forces; that is, it is a kind of organic elasticity, or, to put it another way, the expression of the inertia inherent in organic life.

This view of instincts strikes us as strange because we have become used to see in them a factor impelling towards change and development, whereas we are now asked to recognize in them the precise contrary—an expression of the *conservative* nature of living substance. On the other hand we soon call to mind examples from animal life which seem to confirm the view that instincts are historically determined. * * *

We shall be met by the plausible objection that it may very well be that, in addition to the conservative instincts which impel towards repetition, there may be others which push forward towards progress and the production of new forms. This argument must certainly not be overlooked, and it will be taken into account at a later stage. But for the moment it is tempting to pursue to its logical conclusion the hypothesis that all instincts tend towards the restoration of an earlier state of things. The outcome may give an impression of mysticism or of sham profundity; but we can feel quite innocent of having had any such purpose in view. We seek only for the sober results of research or of reflection based on it; and we have no wish to find in those results any quality other than certainty.⁶

Let us suppose, then, that all the organic instincts are conservative,

6. [Footnote added 1925:] The reader should not overlook the fact that what follows is the development of an extreme line of thought. * * *

are acquired historically and tend towards the restoration of an earlier state of things. It follows that the phenomena of organic development must be attributed to external disturbing and diverting influences. The elementary living entity would from its very beginning have had no wish to change; if conditions remained the same, it would do no more than constantly repeat the same course of life. In the last resort, what has left its mark on development of organisms must be the history of the earth we live in and of its relation to the sun. Every modification which is thus imposed upon the course of the organism's life is accepted by the conservative organic instincts and stored up for further repetition. Those instincts are therefore bound to give a deceptive appearance of being forces tending towards change and progress, whilst in fact they are merely seeking to reach an ancient goal by paths alike old and new. Moreover it is possible to specify this final goal of all organic striving. It would be in contradiction to the conservative nature of the instincts if the goal of life were a state of things which had never yet been attained. On the contrary, it must be an *old* state of things, an initial state from which the living entity has at one time or other departed and to which it is striving to return by the circuitous paths along which its development leads. If we are to take it as a truth that knows no exception that everything living dies for *internal* reasons—becomes inorganic once again—then we shall be compelled to say that '*the aim of all life is death*' and, looking backwards, that '*inanimate things existed before living ones*'.

The attributes of life were at some time evoked in inanimate matter by the action of a force of whose nature we can form no conception. It may perhaps have been a process similar in type to that which later caused the development of consciousness in a particular stratum of living matter. The tension which then arose in what had hitherto been an inanimate substance endeavoured to cancel itself out. In this way the first instinct came into being: the instinct to return to the inanimate state. It was still an easy matter at that time for a living substance to die; the course of its life was probably only a brief one, whose direction was determined by the chemical structure of the young life. For a long time, perhaps, living substance was thus being constantly created afresh and easily dying, till decisive external influences altered in such a way as to oblige the still surviving substance to diverge ever more widely from its original course of life and to make ever more complicated *détours* before reaching its aim of death. These circuitous paths to death, faithfully kept to by the conservative instincts, would thus present us to-day with the picture of the phenomena of life. If we firmly maintain the exclusively conservative nature of instincts, we cannot arrive at any other notions as to the origin and aim of life.

The implications in regard to the great groups of instincts which, as we believe, lie behind the phenomena of life in organisms must appear no less bewildering. The hypothesis of self-preservative instincts, such as we attribute to all living beings, stands in marked opposition to the

idea that instinctual life as a whole serves to bring about death. Seen in this light, the theoretical importance of the instincts of self-preservation, of self-assertion and of mastery greatly diminishes. They are component instincts whose function it is to assure that the organism shall follow its own path to death, and to ward off any possible ways of returning to inorganic existence other than those which are immanent in the organism itself. We have no longer to reckon with the organism's puzzling determination (so hard to fit into any context) to maintain its own existence in the face of every obstacle. What we are left with is the fact that the organism wishes to die only in its own fashion. Thus these guardians of life, too, were originally the myrmidons of death. Hence arises the paradoxical situation that the living organism struggles most energetically against events (dangers, in fact) which might help it to attain its life's aim rapidly—by a kind of short-circuit. Such behaviour is, however, precisely what characterizes purely instinctual as contrasted with intelligent efforts.

But let us pause for a moment and reflect. It cannot be so. The sexual instincts, to which the theory of the neuroses gives a quite special place, appear under a very different aspect.

* * * The whole path of development to natural death is not trodden by *all* the elementary entities which compose the complicated body of one of the higher organisms. Some of them, the germ-cells, probably retain the original structure of living matter and, after a certain time, with their full complement of inherited and freshly acquired instinctual dispositions, separate themselves from the organism as a whole. These two characteristics may be precisely what enables them to have an independent existence. Under favourable conditions, they begin to develop—that is, to repeat the performance to which they owe their existence; and in the end once again one portion of their substance pursues its development to a finish, while another portion harks back once again as a fresh residual germ to the beginning of the process of development. These germ-cells, therefore, work against the death of the living substance and succeed in winning for it what we can only regard as potential immortality, though that may mean no more than a lengthening of the road to death. We must regard as in the highest degree significant the fact that this function of the germ-cell is reinforced, or only made possible, if it coalesces with another cell similar to itself and yet differing from it.

The instincts which watch over the destinies of these elementary organisms that survive the whole individual, which provide them with a safe shelter while they are defenceless against the stimuli of the external world, which bring about their meeting with other germ-cells, and so on—these constitute the group of the sexual instincts. They are conservative in the same sense as the other instincts in that they bring back earlier states of living substance; but they are conservative to a higher degree in that they are peculiarly resistant to external influences; and

they are conservative too in another sense in that they preserve life itself for a comparatively long period. They are the true life instincts. They operate against the purpose of the other instincts, which leads, by reason of their function, to death; and this fact indicates that there is an opposition between them and the other instincts, an opposition whose importance was long ago recognized by the theory of the neuroses. It is as though the life of the organism moved with a vacillating rhythm. One group of instincts rushes forward so as to reach the final aim of life as swiftly as possible; but when a particular stage in the advance has been reached, the other group jerks back to a certain point to make a fresh start and so prolong the journey. And even though it is certain that sexuality and the distinction between the sexes did not exist when life began, the possibility remains that the instincts which were later to be described as sexual may have been in operation from the very first, and it may not be true that it was only at a later time that they started upon their work of opposing the activities of the 'ego-instincts'.⁷

Let us now hark back for a moment ourselves and consider whether there is any basis at all for these speculations. Is it really the case that, *apart from the sexual instincts*, there are no instincts that do not seek to restore an earlier state of things? that there are none that aim at a state of things which has never yet been attained? I know of no certain example from the organic world that would contradict the characterization I have thus proposed. There is unquestionably no universal instinct towards higher development observable in the animal or plant world, even though it is undeniable that development does in fact occur in that direction. But on the one hand it is often merely a matter of opinion when we declare that one stage of development is higher than another, and on the other hand biology teaches us that higher development in one respect is very frequently balanced or outweighed by involution in another. Moreover there are plenty of animal forms from whose early stages we can infer that their development has, on the contrary, assumed a retrograde character. Both higher developments and involution might well be the consequences of adaptation to the pressure of external forces; and in both cases the part played by instincts might be limited to the retention (in the form of an internal source of pleasure) of an obligatory modification.

It may be difficult, too, for many of us, to abandon the belief that there is an instinct towards perfection at work in human beings, which has brought them to their present high level of intellectual achievement and ethical sublimation and which may be expected to watch over their development into supermen. I have no faith, however, in the existence of any such internal instinct and I cannot see how this benevolent illusion is to be preserved. The present development of human beings requires, as it seems to me, no different explanation from that of animals. What

7. [Footnote added 1925:] It should be understood from the context that the term 'ego-instincts' is used here as a provisional description and derives from the earliest psycho-analytical terminology.

appears in a minority of human individuals as an untiring impulsion towards further perfection can easily be understood as a result of the instinctual repression upon which is based all that is most precious in human civilization. The repressed instinct never ceases to strive for complete satisfaction, which would consist in the repetition of a primary experience of satisfaction. No substitutive or reactive formations and no sublimations will suffice to remove the repressed instinct's persisting tension; and it is the difference in amount between the pleasure of satisfaction which is *demande*d and that which is actually *achieve*d that provides the driving factor which will permit of no halting at any position attained, but, in the poet's words, '*ungebändigt immer vorwärts dringt*'.⁸ The backward path that leads to complete satisfaction is as a rule obstructed by the resistances which maintain the repressions. So there is no alternative but to advance in the direction in which growth is still free—though with no prospect of bringing the process to a conclusion or of being able to reach the goal. The processes involved in the formation of a neurotic phobia, which is nothing else than an attempt at flight from the satisfaction of an instinct, present us with a model of the manner of origin of this supposititious 'instinct towards perfection'—an instinct which cannot possibly be attributed to *every* human being. The *dynamic* conditions for its development are, indeed, universally present; but it is only in rare cases that the *economic* situation appears to favour the production of the phenomenon.

I will add only a word to suggest that the efforts of Eros to combine organic substances into ever larger unities probably provide a substitute for this 'instinct towards perfection' whose existence we cannot admit. The phenomena that are attributed to it seem capable of explanation by these efforts of Eros taken in conjunction with the results of repression.

* * *

Let us turn back * * * to one of the assumptions that we have already made, with the expectation that we shall be able to give it a categorical denial. We have drawn far-reaching conclusions from the hypothesis that all living substance is bound to die from internal causes. We made this assumption thus carelessly because it does not seem to us to *be* an assumption. We are accustomed to think that such is the fact, and we are strengthened in our thought by the writings of our poets. Perhaps we have adopted the belief because there is some comfort in it. If we are to die ourselves, and first to lose in death those who are dearest to us, it is easier to submit to a remorseless law of nature, to the sublime 'Ανάγκη [Necessity], than to a chance which might perhaps have been escaped. It may be, however, that this belief in the internal necessity of dying is only another of those illusions which we have created '*um die*

8. ['Presses ever forward unsubdued.'] Mephistopheles in *Faust*, Part I [Scene 4].

Schwere des Daseins zu ertragen'.⁹ It is certainly not a primaeval belief. The notion of 'natural death' is quite foreign to primitive races; they attribute every death that occurs among them to the influence of an enemy or of an evil spirit. We must therefore turn to biology in order to test the validity of the belief.

If we do so, we may be astonished to find how little agreement there is among biologists on the subject of natural death and in fact that the whole concept of death melts away under their hands. The fact that there is a fixed average duration of life at least among the higher animals naturally argues in favour of there being such a thing as death from natural causes. But this impression is countered when we consider that certain large animals and certain gigantic arboreal growths reach a very advanced age and one which cannot at present be computed. According to the large conception of Wilhelm Fliess, all the phenomena of life exhibited by organism—and also, no doubt, their death—are linked with the completion of fixed periods, which express the dependence of two kinds of living substance (one male and the other female) upon the solar year. When we see, however, how easily and how extensively the influence of external forces is able to modify the date of the appearance of vital phenomena (especially in the plant world)—to precipitate them or hold them back—doubts must be cast upon the rigidity of Fliess's formulas or at least upon whether the laws laid down by him are the sole determining factors.

The greatest interest attaches from our point of view to the treatment given to the subject of the duration of life and the death of organisms in the writings of Weismann (1882, 1884, 1892, etc.). It was he who introduced the division of living substance into mortal and immortal parts. The mortal part is the body in the narrower sense—the 'soma'—which alone is subject to natural death. The germ-cells, on the other hand, are potentially immortal, in so far as they are able, under certain favourable conditions, to develop into a new individual, or, in other words, to surround themselves with a new soma. (August Weismann, *Die Dauer des Lebens*, 1884.)

* * *

It will be seen at once that to concede in this way that higher organisms have a natural death is of very little help to us. For if death is a *late* acquisition of organisms, then there can be no question of there having been death instincts from the very beginning of life on this earth. Multicellular organisms may die for internal reasons, owing to defective differentiation or to imperfections in their metabolism, but the matter is of no interest from the point of view of our problem. An account of the origin of death such as this is moreover far less at variance with our

9. ['To bear the burden of existence.' Schiller, *Die Braut von Messina*, I, 8.]

habitual modes of thought than the strange assumption of 'death instincts'.

* * *

Our expectation that biology would flatly contradict the recognition of death instincts has not been fulfilled. We are at liberty to continue concerning ourselves with their possibility, if we have other reasons for doing so. The striking similarity between Weismann's distinction of soma and germ-plasm and our separation of the death instincts from the life instincts persists and retains its significance.

We may pause for a moment over this pre-eminently dualistic view of instinctual life. According to E. Hering's theory, two kinds of processes are constantly at work in living substance, operating in contrary directions, one constructive or assimilatory and the other destructive or dissimilatory. May we venture to recognize in these two directions taken by the vital processes the activity of our two instinctual impulses, the life instincts and the death instincts? There is something else, at any rate, that we cannot remain blind to. We have unwittingly steered our course into the harbour of Schopenhauer's philosophy. For him death is the 'true result and to that extent the purpose of life',¹ while the sexual instinct is the embodiment of the will to live.

Let us make a bold attempt at another step forward. It is generally considered that the union of a number of cells into a vital association—the multicellular character of organisms—has become a means of prolonging their life. One cell helps to preserve the life of another, and the community of cells can survive even if individual cells have to die. We have already heard that conjugation, too, the temporary coalescence of two unicellular organisms, has a life-preserving and rejuvenating effect on both of them. Accordingly, we might attempt to apply the libido theory which has been arrived at in psycho-analysis to the mutual relationship of cells. We might suppose that the life instincts or sexual instincts which are active in each cell take the other cells as their object, that they partly neutralize the death instincts (that is, the processes set up by them) in those cells and thus preserve their life; while the other cells do the same for *them*, and still others sacrifice themselves in the performance of this libidinal function. The germ-cells themselves would behave in a completely 'narcissistic' fashion—to use the phrase that we are accustomed to use in the theory of the neuroses to describe a whole individual who retains his libido in his ego and pays none of it out in object-cathexes. The germ-cells require their libido, the activity of their life instincts, for themselves, as a reserve against their later momentous constructive activity. (The cells of the malignant neoplasms which destroy the organism should also perhaps be described as narcissistic in this same sense: pathology is prepared to regard their germs as innate

1. Schopenhauer (1851) ("Ueber die anscheinende Absichtlichkeit im Schicksale des Einzelnen," from his *Parerga und Paralipomena*).

and to ascribe embryonic attributes to them.) In this way the libido of our sexual instincts would coincide with the Eros of the poets and philosophers which holds all living things together.

Here then is an opportunity for looking back over the slow development of our libido theory. In the first instance the analysis of the transference neuroses forced upon our notice the opposition between the 'sexual instincts', which are directed towards an object, and certain other instincts, with which we were very insufficiently acquainted and which we described provisionally as the 'ego-instincts'. A foremost place among these was necessarily given to the instincts serving the self-preservation of the individual. It was impossible to say what other distinctions were to be drawn among them. No knowledge would have been more valuable as a foundation for true psychological science than an approximate grasp of the common characteristics and possible distinctive features of the instincts. But in no region of psychology were we groping more in the dark. Everyone assumed the existence of as many instincts or 'basic instincts' as he chose, and juggled with them like the ancient Greek natural philosophers with their four elements—earth, air, fire and water. Psycho-analysis, which could not escape making *some* assumption about the instincts, kept at first to the popular division of instincts typified in the phrase 'hunger and love'. At least there was nothing arbitrary in this; and by its help the analysis of the psychoneuroses was carried forward quite a distance. The concept of 'sexuality', and at the same time of the sexual instinct, had, it is true, to be extended so as to cover many things which could not be classed under the reproductive function; and this caused no little hubbub in an austere, respectable or merely hypocritical world.

The next step was taken when psycho-analysis felt its way closer towards the psychological ego, which it had first come to know only as a repressive, censoring agency, capable of erecting protective structures and reactive formations. Critical and far-seeing minds had, it is true, long since objected to the concept of libido being restricted to the energy of the sexual instincts directed towards an object. But they failed to explain how they had arrived at their better knowledge or to derive from it anything of which analysis could make use. Advancing more cautiously, psycho-analysis observed the regularity with which libido is withdrawn from the object and directed on to the ego (the process of introversion); and, by studying the libidinal development of children in its earliest phases, came to the conclusion that the ego is the true and original reservoir of libido, and that it is only from that reservoir that libido is extended on to objects. The ego now found its position among sexual objects and was at once given the foremost place among them. Libido which was in this way lodged in the ego was described as 'narcissistic'. This narcissistic libido was of course also a manifestation of the force of the sexual instinct in the analytical sense of those words, and it had necessarily to be identified with the 'self-preservative instincts'

whose existence had been recognized from the first. Thus the original opposition between the ego-instincts and the sexual instincts proved to be inadequate. A portion of the ego-instincts was seen to be libidinal; sexual instincts—probably alongside others—operated in the ego. Nevertheless we are justified in saying that the old formula which lays it down that psychoneuroses are based on a conflict between ego-instincts and sexual instincts contains nothing that we need reject to-day. It is merely that the distinction between the two kinds of instinct, which was originally regarded as in some sort of way *qualitative*, must now be characterized differently—namely as being *topographical*. And in particular it is still true that the transference neuroses, the essential subject of psycho-analytic study, are the result of a conflict between the ego and the libidinal cathexis of objects.

But it is all the more necessary for us to lay stress upon the libidinal character of the self-preservative instincts now that we are venturing upon the further step of recognizing the sexual instinct as Eros, the preserver of all things, and of deriving the narcissistic libido of the ego from the stores of libido by means of which the cells of the soma are attached to one another. But we now find ourselves suddenly faced by another question. If the self-preservative instincts too are of a libidinal nature, are there perhaps no other instincts whatever but the libidinal ones? At all events there are none other visible. But in that case we shall after all be driven to agree with the critics who suspected from the first that psycho-analysis explains *everything* by sexuality, or with innovators like Jung who, making a hasty judgement, have used the word 'libido' to mean instinctual force in general. Must not this be so?

It was not our *intention* at all events to produce such a result. Our argument had as its point of departure a sharp distinction between ego-instincts, which we equated with death instincts, and sexual instincts, which we equated with life instincts. (We were prepared at one stage to include the so-called self-preservative instincts of the ego among the death instincts; but we subsequently corrected ourselves on this point and withdrew it.) Our views have from the very first been *dualistic*, and to-day they are even more definitely dualistic than before—now that we describe the opposition as being, not between ego-instincts and sexual instincts but between life instincts and death instincts. Jung's libido theory is on the contrary *monistic*; the fact that he has called his one instinctual force 'libido' is bound to cause confusion, but need not affect us otherwise. We suspect that instincts other than those of self-preservation operate in the ego, and it ought to be possible for us to point to them. Unfortunately, however, the analysis of the ego has made so little headway that it is very difficult for us to do so. It is possible, indeed, that the libidinal instincts in the ego may be linked in a peculiar manner with these other ego-instincts which are still strange to us. Even before we had any clear understanding of narcissism, psycho-analysts had a suspicion that the 'ego-instincts' had libidinal components attached to

them. But these are very uncertain possibilities, to which our opponents will pay very little attention. The difficulty remains that psycho-analysis has not enabled us hitherto to point to any [ego-] instincts other than the libidinal ones. That, however, is no reason for our falling in with the conclusion that no others in fact exist.

In the obscurity that reigns at present in the theory of the instincts, it would be unwise to reject any idea that promises to throw light on it. We started out from the great opposition between the life and death instincts. Now object-love itself presents us with a second example of a similar polarity—that between love (or affection) and hate (or aggressiveness). If only we could succeed in relating these two polarities to each other and in deriving one from the other! From the very first we recognized the presence of a sadistic component in the sexual instinct. As we know, it can make itself independent and can, in the form of a perversion, dominate an individual's entire sexual activity. It also emerges as a predominant component instinct in one of the 'pregenital organizations', as I have named them. But how can the sadistic instinct, whose aim it is to injure the object, be derived from Eros, the preserver of life? Is it not plausible to suppose that this sadism is in fact a death instinct which, under the influence of the narcissistic libido, has been forced away from the ego and has consequently only emerged in relation to the object? It now enters the service of the sexual function. During the oral stage of organization of the libido, the act of obtaining erotic mastery over an object coincides with that object's destruction; later, the sadistic instinct separates off, and finally, at the stage of genital primacy, it takes on, for the purposes of reproduction, the function of overpowering the sexual object to the extent necessary for carrying out the sexual act. It might indeed be said that the sadism which has been forced out of the ego has pointed the way for the libidinal components of the sexual instinct, and that these follow after it to the object. Wherever the original sadism has undergone no mitigation or intermixture, we find the familiar ambivalence of love and hate in erotic life.

If such an assumption as this is permissible, then we have met the demand that we should produce an example of a death instinct—though, it is true, a displaced one. But this way of looking at things is very far from being easy to grasp and creates a positively mystical impression. It looks suspiciously as though we were trying to find a way out of a highly embarrassing situation at any price. We may recall, however, that there is nothing new in an assumption of this kind. We put one forward on an earlier occasion, before there was any question of an embarrassing situation. Clinical observations led us at that time to the view that masochism, the component instinct which is complementary to sadism, must be regarded as sadism that has been turned round upon the subject's own ego. But there is no difference in principle between an instinct turning from an object to the ego and its turning from the ego to an object—which is the new point now under discussion. Masochism, the

turning round of the instinct upon the subject's own ego, would in that case be a return to an earlier phase of the instinct's history, a regression. The account that was formerly given of masochism requires emendation as being too sweeping in one respect: there *might* be such a thing as primary masochism—a possibility which I had contested at that time.²

* * *

But we still feel our line of thought appreciably hampered by the fact that we cannot ascribe to the sexual instinct the characteristic of a compulsion to repeat which first put us on the track of the death instincts. The sphere of embryonic developmental processes is no doubt extremely rich in such phenomena of repetition; the two germ-cells that are involved in sexual reproduction and their life history are themselves only repetitions of the beginnings of organic life. But the essence of the processes to which sexual life is directed is the coalescence of two cell-bodies. That alone is what guarantees the immortality of the living substance in the higher organisms.

In other words, we need more information on the origin of sexual reproduction and of the sexual instincts in general. This is a problem which is calculated to daunt an outsider and which the specialists themselves have not yet been able to solve. We shall therefore give only the briefest summary of whatever seems relevant to our line of thought from among the many discordant assertions and opinions.

* * *

* * * Science has so little to tell us about the origin of sexuality that we can liken the problem to a darkness into which not so much as a ray of a hypothesis has penetrated. In quite a different region, it is true, we *do* meet with such a hypothesis; but it is of so fantastic a kind—a myth rather than a scientific explanation—that I should not venture to produce it here, were it not that it fulfils precisely the one condition whose fulfilment we desire. For it traces the origin of an instinct to a *need to restore an earlier state of things*.

What I have in mind is, of course, the theory which Plato put into the mouth of Aristophanes in the *Symposium*, and which deals not only with the *origin* of the sexual instinct but also with the most important of its variations in relation to its object. "The original human nature was not like the present, but different. In the first place, the sexes were originally three in number, not two as they are now; there was man,

2. A considerable portion of these speculations have been anticipated by Sabina Spielrein (1912) in an instructive and interesting paper {"Die Destruktion als Ursache des Werdens"} which, however, is not entirely clear to me. She there describes the sadistic components of the sexual instinct as 'destructive'. * * * {Spielrein was a brilliant young Russian woman who had gone into analysis with

Jung for a severe emotional disorder, became involved with him, but recovered from both. Trained as a psychoanalyst, she spent some time in Freud's circle in Vienna. Upon her return to Russia, she practiced psychoanalysis, but in the late 1930s, her name disappears. She was murdered by German soldiers during the Nazi attack on the Soviet Union.}

woman, and the union of the two. . . .’ Everything about these primaeval men was double: they had four hands and four feet, two faces, two privy parts, and so on. Eventually Zeus decided to cut these men in two, ‘like a sorb-apple which is halved for pickling’. After the division had been made, ‘the two parts of man, each desiring his other half, came together, and threw their arms about one another eager to grow into one’.³

Shall we follow the hint given us by the poet-philosopher, and venture upon the hypothesis that living substance at the time of its coming to life was torn apart into small particles, which have ever since endeavoured to reunite through the sexual instincts? that these instincts, in which the chemical affinity of inanimate matter persisted, gradually succeeded, as they developed through the kingdom of the protista, in overcoming the difficulties put in the way of that endeavour by an environment charged with dangerous stimuli—stimuli which compelled them to form a protective cortical layer? that these splintered fragments of living substance in this way attained a multicellular condition and finally transferred the instinct for reuniting, in the most highly concentrated form, to the germ-cells?—But here, I think, the moment has come for breaking off.

Not, however, without the addition of a few words of critical reflection. It may be asked whether and how far I am myself convinced of the truth of the hypotheses that have been set out in these pages. My answer would be that I am not convinced myself and that I do not seek to persuade other people to believe in them. Or, more precisely, that I do not know how far I believe in them. There is no reason, as it seems to me, why the emotional factor of conviction should enter into this question at all. It is surely possible to throw oneself into a line of thought and to follow it wherever it leads out of simple scientific curiosity, or, if the reader prefers, as an *advocatus diaboli*, who is not on that account himself sold to the devil. I do not dispute the fact that the third step in the theory of the instincts, which I have taken here, cannot lay claim to the same degree of certainty as the two earlier ones—the extension of the concept of sexuality and the hypothesis of narcissism. These two innovations were a direct translation of observation into theory and were no more open to sources of error than is inevitable in all such cases. It is true that my assertion of the regressive character of instincts also rests upon observed material—namely on the facts of the compulsion to repeat. It may be, however, that I have overestimated their significance. And in any case it is impossible to pursue an idea of this kind except by repeatedly combining factual material with what is purely speculative and thus diverging widely from empirical observation. The more frequently this is done in the course of constructing a theory, the more untrustworthy, as we know, must be the final result. But the degree of uncertainty is not assignable. One may have made a lucky hit or one may have gone shamefully astray. I do not think a large part is

3. {Freud here thanks his former patient, the philosopher Heinrich Gomperz, for this Platonic myth.}

played by what is called 'intuition' in work of this kind. From what I have seen of intuition, it seems to me to be the product of a kind of intellectual impartiality. Unfortunately, however, people are seldom impartial where ultimate things, the great problems of science and life, are concerned. Each of us is governed in such cases by deep-rooted internal prejudices, into whose hands our speculation unwittingly plays. Since we have such good grounds for being distrustful, our attitude towards the results of our own deliberations cannot well be other than one of cool benevolence. I hasten to add, however, that self-criticism such as this is far from binding one to any special tolerance towards dissentient opinions. It is perfectly legitimate to reject remorselessly theories which are contradicted by the very first steps in the analysis of observed facts, while yet being aware at the same time that the validity of one's own theory is only a provisional one.

We need not feel greatly disturbed in judging our speculation upon the life and death instincts by the fact that so many bewildering and obscure processes occur in it—such as one instinct being driven out by another or an instinct turning from the ego to an object, and so on. This is merely due to our being obliged to operate with the scientific terms, that is to say with the figurative language, peculiar to psychology (or, more precisely, to depth psychology). We could not otherwise describe the processes in question at all, and indeed we could not have become aware of them. The deficiencies in our description would probably vanish if we were already in a position to replace the psychological terms by physiological or chemical ones. It is true that they too are only part of a figurative language; but it is one with which we have long been familiar and which is perhaps a simpler one as well.

On the other hand it should be made quite clear that the uncertainty of our speculation has been greatly increased by the necessity for borrowing from the science of biology. Biology is truly a land of unlimited possibilities. We may expect it to give us the most surprising information and we cannot guess what answers it will return in a few dozen years to the questions we have put to it. They may be of a kind which will blow away the whole of our artificial structure of hypotheses. If so, it may be asked why I have embarked upon such a line of thought as the present one, and in particular why I have decided to make it public. Well—I cannot deny that some of the analogies, correlations and connections which it contains seemed to me to deserve consideration.⁴

4. I will add a few words to clarify our terminology, which has undergone some development in the course of the present work. We came to know what the 'sexual instincts' were from their relation to the sexes and to the reproductive function. We retained this name after we had been obliged by the findings of psycho-analysis to connect them less closely with reproduction. With the hypothesis of narcissistic libido and the extension of the concept of libido to the individual cells, the sexual instinct was transformed for us into Eros, which seeks to force together and hold together the portions of

living substance. What are commonly called the sexual instincts are looked upon by us as the part of Eros which is directed towards objects. Our speculations have suggested that Eros operates from the beginning of life and appears as a 'life instinct' in opposition to the 'death instinct' which was brought into being by the coming to life of inorganic substances. These speculations seek to solve the riddle of life by supposing that these two instincts were struggling with each other from the very first.

VII

If it is really the case that seeking to restore an earlier state of things is such a universal characteristic of instincts, we need not be surprised that so many processes take place in mental life independently of the pleasure principle. This characteristic would be shared by all the component instincts and in their case would aim at returning once more to a particular stage in the course of development. These are matters over which the pleasure principle has as yet no control; but it does not follow that any of them are necessarily opposed to it, and we have still to solve the problem of the relation of the instinctual processes of repetition to the dominance of the pleasure principle.

We have found that one of the earliest and most important functions of the mental apparatus is to bind the instinctual impulses which impinge on it, to replace the primary process prevailing in them by the secondary process and convert their freely mobile cathectic energy into a mainly quiescent (tonic) cathexis. While this transformation is taking place no attention can be paid to the development of unpleasure; but this does not imply the suspension of the pleasure principle. On the contrary, the transformation occurs on *behalf* of the pleasure principle; the binding is a preparatory act which introduces and assures the dominance of the pleasure principle.

Let us make a sharper distinction than we have hitherto made between function and tendency. The pleasure principle, then, is a tendency operating in the service of a function whose business it is to free the mental apparatus entirely from excitation or to keep the amount of excitation in it constant or to keep it as low as possible. We cannot yet decide with certainty in favour of any of these ways of putting it; but it is clear that the function thus described would be concerned with the most universal endeavour of all living substance—namely to return to the quiescence of the inorganic world. We have all experienced how the greatest pleasure attainable by us, that of the sexual act, is associated with a momentary extinction of a highly intensified excitation. The binding of an instinctual impulse would be a preliminary function designed to prepare the excitation for its final elimination in the pleasure of discharge.

This raises the question of whether feelings of pleasure and unpleasure can be produced equally from bound and from unbound excitatory processes. And there seems to be no doubt whatever that the unbound or primary processes give rise to far more intense feelings in both directions than the bound or secondary ones. Moreover the primary processes are the earlier in time; at the beginning of mental life there are no others, and we may infer that if the pleasure principle had not already been operative in *them* it could never have been established for the later ones. We thus reach what is at bottom no very simple conclusion, namely that at the beginning of mental life the struggle for pleasure was

far more intense than later but not so unrestricted: it had to submit to frequent interruptions. In later times the dominance of the pleasure principle is very much more secure, but it itself has no more escaped the process of taming than the other instincts in general. In any case, whatever it is that causes the appearance of feelings of pleasure and unpleasure in processes of excitation must be present in the secondary process just as it is in the primary one.

Here might be the starting-point for fresh investigations. Our consciousness communicates to us feelings from within not only of pleasure and unpleasure but also of a peculiar tension which in its turn can be either pleasurable or unpleasurable. Should the difference between these feelings enable us to distinguish between bound and unbound processes of energy? or is the feeling of tension to be related to the absolute magnitude, or perhaps to the level, of the cathexis, while the pleasure and unpleasure series indicates a change in the magnitude of the cathexis *within a given unit of time*? Another striking fact is that the life instincts have so much more contact with our internal perception—emerging as breakers of the peace and constantly producing tensions whose release is felt as pleasure—while the death instincts seem to do their work unobtrusively. The pleasure principle seems actually to serve the death instincts. It is true that it keeps watch upon stimuli from without, which are regarded as dangers by both kinds of instincts; but it is more especially on guard against increases of stimulation from within, which would make the task of living more difficult. This in turn raises a host of other questions to which we can at present find no answer. We must be patient and await fresh methods and occasions of research. We must be ready, too, to abandon a path that we have followed for a time, if it seems to be leading to no good end. Only believers, who demand that science shall be a substitute for the catechism they have given up, will blame an investigator for developing or even transforming his views. * * *

Group Psychology and the Analysis of the Ego

While Freud's account of the growth of the ego (and, of course, the super-ego) implicitly makes a great deal of room for the impact of the external world—society in its varied manifestations—on the individual, Freud wrote little explicit social psychology. One reason for this "neglect" may be found in the extract from his brief study presented here: he thought individual and social psychology to be virtually the same. *Group Psychology* is a far from negligible text, what with its psychoanalytic canvass of the erotic bonds that generate loyalties among the members of a group and between the members and their leader. But it is a somewhat lonely text: neither Freud (nor for that matter his followers) ever systematically followed up the promising leads that he offered in this study written in 1921 and published in the following spring.

It is worth noting (and Freud's translators have noted it without doing