Second Period: Late Childhood

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Second Period: Late Childhood

I The Abnormal Dialogue

In spite of the anomalies, dreariness, and intense turmoil of the first period, relatively few children succumb to child psychosis. The psyche has many resources, and in the majority of cases the child enters the second period. Although primary process mechanisms continue to function in these children for a period of time longer than in normal circumstances, the primary process is eventually overcome and to a very large extent is replaced by secondary process mechanisms. The latter are easily accepted, as they seem to offer solutions to many of the patient's problems. The child learns the language of the community as well as the prevailing ideas, mores, and modes of thought. The prevailing of secondary process mechanisms similar to those of the surrounding adults does not imply, however, that normal relatedness is established between the future patient and the members of his family. There is an abnormal dialogue between the child and his parents and siblings. No language of basic trust, no takenfor-granted acceptance, no easiness of communication exist, but rather
lack of clarity of meaning, excessive contradictions, unexpressed or
distorted emotions, suspiciousness or at best very pronounced
cautiousness. Many authors have done much research to elucidate the
disturbed communications in the family. For instance, Bateson and
associates (1956) have advanced the so-called double-bind theory, by
which to a large extent they explain etiologically schizophrenia.
Although the situation that they describe may be applied to any age of
the patient, it is particularly in late childhood that it is thought to take
place.

The ingredients for a double-bind situation are described as follows:

- 1. Two or more persons. One of them is the patient. The authors write, "We do not assume that the double bind is *inflicted by the mother alone,* but that it may be done either by mother alone or by some combination of mother, father, and/or siblings." (Italics added.)
- 2. Repeated experience.
- 3. A primary negative injunction, expressed in two forms: (a)

"Do not do so-and-so, or I will punish you," or (b) "If you do not do so-and-so, I will punish you."

- 4. A secondary injunction that conflicts with the first at a more abstract level and like the first is connected with punishment or threat to survival. The posture, gesture, or tone of voice may convey this more abstract message.
- 5. "A tertiary negative injunction prohibiting the victim from escaping from the field."
- 6. The complete set of the first five ingredients is no longer necessary when the patient has learned to perceive the world in double-bind patterns. "Almost any part of a double-bind sequence may then be sufficient to precipitate panic or rage."

Following are some examples from the original articles by Bateson and associates. The mother tells the child, "Pull up your socks." At the same time, her gesture implies, "Don't be so obedient." In this situation the child receives the message, "Pull up your socks," but if he does so, he is too obedient. The other message says, "Don't be so obedient," but if he does not obey, he will incur mother's disapproval. In colloquial expression he is damned if he does it, and he is damned if he does not. To use the authors' own words, "If he solves a

problem of human relationship at the level at which it is apparently offered, he will find himself in the wrong at some other level."

Another example taken from Powdermaker (1952) and used by Bateson and associates is the following: An aunt comes to visit, and the little niece sees her. This aunt could not tolerate children, but mother has told the child, "Auntie loves you." The child is thus exposed to a double bind. Should she be bound by the message coming from mother, which says, "Aunt is a loving creature," or by the message coming directly from the aunt, which seems to declare in an obvious manner, "I detest children"? These are two different external binds, or at least an internal and an external one. The child has an external message that tells her she should respond with kindness to the aunt and an inner message that tells her that she should respond with anger to the aunt.

Bateson and associates state that double-bind situations provoke helplessness, fear, exasperation, and anxiety in the individual. According to them, the schizophrenic early in life was exposed to a great many double-bind situations. The eventual psychosis may be viewed as a way of dealing with double-bind situations. At times the

psychotic masters the situation by shifting to the metaphorical field; more often he himself becomes an expert in setting double-bind situations. The authors admit that the double-bind situation may be seen as ambivalence, in Bleuler's sense, but as a special ambivalence inasmuch as it is not merely indecision between multiple possibilities, but a circular process, or a feedback mechanism. For instance, in one of the above examples the resolution of being kind to the aunt brings about in the child an automatic negative impulse that may also lead to the expression of anger. But the expression of anger brings about its negative impulse, which will compel the child to be kind. And so on, back and forth.

Let us examine the three postulates of Bateson and associates: (1) that schizophrenia may be the result of excessive double-bind situations in childhood; (2) that the psychosis is a way of dealing with the environmental double-bind situations; (3) that the schizophrenic himself learns to use a large number of doublebind situations.

My criticism of the first postulate of Bateson is that every man, normal, neurotic, and future psychotic, was exposed in childhood and later to double-bind situations (Arieti, 1960). Double-bind situations

are a characteristic of life, not of schizophrenia. However, in the childhood of future schizophrenics, the double bind may have often been used, together with many other mechanisms, in a way that elicited insecurity and a distorted view of the world. We must emphasize, however, that double-bind situations represent not necessarily pathology, but the complexity of human existence. If we were called upon to deal, not with double binds, but only with single messages, in a sort of reflex or conditioned reflex manner, life undoubtedly would be much simpler and would offer much less anxiety, but it would not be human life; it would be unidimensional life. Culture itself exposes the individual to many double-bind situations, or, if we want to use the traditional way of expressing the mechanisms, to conflictful situations. For instance, it teaches us to be sincere and truthful and at the same time to respect the dignity of the individual, including that of an undesired relative who unexpectedly comes to visit us. It is not always easy to do so. The human being, however, is generally equipped to face highly complicated processes. He has been amply provided by nature with alternative neuronal patterns for this purpose. It is true that many pathological situations involve double binds, but it is also true that they may involve other highly complicated mental mechanisms.

To mention another possibility: the ability to anticipate the future, which has the normal purpose of protecting us from forthcoming danger, may actually become the source of anxiety, despair, and suicide.

The healthy child learns to use these processes and to apply them to any difficult situation that is part of his social life, including those similar to the one set up by the visiting aunt. But for the child who is to become schizophrenic, the double bind is not only a double bind; it is also one of the many carriers of hostility and anxiety coming from the interpersonal environment. Being exposed to an atmosphere of excessive anxiety or hostility and not to an atmosphere of basic trust, he is ill equipped to handle many difficult situations, including doublebind situations. This general atmosphere to which he is exposed may be the primal source of his difficulties. Undoubtedly his consequent inability to handle these complicated situations increases his anxiety and hastens the breakdown. In conclusion, it is not the double-bind mechanism per se that is pathogenetic, but rather the use of it in a pathogenetic situation. The pathogenetic situation is often one of maternal hostility or maternal anxiety made worse by futile attempts, in the form of messages, to deny the rejection or the anxiety.

Foudraine (1961) and Watzlawick (1963) doubt that I do justice to the double-bind theory. Watzlawick (1963) puts me together with other authors critical of the theory (Ackerman, 1960; Bruch and Palombo, 1961) on the ground that we have overlooked what in the original paper was defined as the "tertiary negative injunction prohibiting the victim from escaping from the field." Actually, many nonschizophrenogenetic stress situations involve a double bind with a tertiary injunction that prevents escaping: Consider, for instance, the situation of divided loyalty, as in the case of the soldier during the Civil War who had to fight in the Confederate Army and yet believed in the ideals of the Union Army. He could escape from his field, but not from his conflict, no matter whether he would fight for the South or for the North.

What is probably quasi-specific in the double-bind situation described by Bateson and associates is the fact that at least two of the three injunctions come from the same source (generally the mother or mother-substitute). But again, as the mother is for the child the great teacher and the main representative of the world, she has to collect in herself and to transmit to the child the different points of view of the world. Moreover, as Festinger (1957) has illustrated in his theory of

cognitive dissonance, each person retains many inconsistent points of view, and this diversity of points of view is transmitted to the other, in spite of attempts to deny it to oneself and others.

The normal child learns to tolerate ambivalence, plurality of dimensions in interpersonal relations, including cognitive dissonance. It could be that the future schizophrenic is not able to tolerate this plurality, either because it appears to him too threatening or because he is ill equipped biologically with *a priori* structures that handle such pluralities.

The second assertion of Bateson and associates is that the psychosis equips the patient to handle double-bind situations by escaping into metaphorical language. But the truth is that the language of the schizophrenic is not metaphorical for the patient himself (see Chapter 16). The third point made by the authors is that the schizophrenic himself leams to use a large number of double-bind situations. It is true that schizophrenics use a large number of disturbing double-bind situations. In addition to learning the methods from the significant adults, after the onset of the psychosis, they use schizophrenic cognition. Consequently they condense several levels of

mental integration, with the result that their statements have several concomitant meanings, just as the dreams of every person do.

Some other authors (Lidz et al., 1965; Wynne et al., 1958, 1963) have described ways of thinking and of communicating in the parents of the schizophrenics. These authors indicate that the patient learns these ways as a child ordinarily leams a specific language from his parents. Although this point will receive more consideration in Chapter 8, it is pertinent to make a few preliminary remarks about this important question. There is no doubt that the family's disturbed communication has a great deal to do with the pathology of the patient, but not in the direct connection of causality that has been described by some authors. The dialogue of the family is disturbed, but not yet necessarily in a schizophrenic way. It has a definite adverse effect on the future patient, but only in a psychodynamic, affective way, because of its disturbing, undermining impact, not because it directly transmits to the future patient specific formal modalities of language and thinking. The peculiarities that the parents may transmit may already be considered pathological, but not yet psychotic. Something else necessary to transform peculiarities is of communication into psychotic structures.

II The Emerging Personality

At this point we must stress again that psychodynamics should not be confused with the whole etiology. What happened in the first period and what has been described in the first section of this chapter is a set of preparatory factors that (to repeat what we said at the beginning of Chapter 5) narrowed the range of choice, thwarted the possibility of compensation, determined basic orientations, and facilitated an abnormal sequence of events. These factors had an adverse effect, but in themselves did not constitute all the necessary prerequisites for schizophrenia.

Let us assess the child who has gone through the first period. First of all, he has to repress a large part of his life, which is very unpleasant, and this repression (or dissociation of uncanny experiences, as Sullivan would say) exacts a great toll on his psychological resources. The child will have difficulties in identifying with the significant adults. Nevertheless he will be able to build up some kind of less undesirable self-image, including identification with one sex rather than the other. Sexual confusion or homosexual tendencies are repressed, and the child's identification with his own

sex is achieved. However, this patched-up self-image and these identifications are not deeply rooted in the core of his being. They are more superficial reflections of how he feels people deal with him, rather than a well-integrated vision of the self. Obviously this child not only is not able to live in, but even to approach, what we have called a state of *communion* with others. He has to learn special ways of relating to people that will constitute an important part of his basic personality structure.

Before describing what occurs in preschizophrenic persons, we must examine what occurs in average circumstances. Three major types of relating are found in normal persons, generally in various degrees and combinations. These three types begin to differentiate in the second year of life, but develop greatly in late childhood and may be retained for the whole life of the individual. In children who have been raised in an anxiety-producing environment and develop psychoneuroses or character neuroses these three types become more pronounced and rigid, and generally one of them acquires supremacy over the others, imparting a special style on the whole personality. We can recognize that in these situations one of two basic emotions (anxiety and anger) and one of two types of motor behavior

(withdrawal or approach) prevail. We have then three major combinations: (1) anxiety and approach, (2) anger and approach, and (3) anxiety and withdrawal. In some cases, this third combination consists of anxiety, anger and withdrawal. In other words, the presence of anxiety and anger does not make the child reject or dislike the world, but rather teaches him that the world is not a garden of roses. Furthermore, even roses have thorns. Thus, cautious anxiety, defensive anger, or moderate withdrawal are in order in many situations. A moderate withdrawal should not be confused with genuine indifference, which may be the attitude we have toward something that we neither like nor dislike.

The anxious or angry child who anticipates parental disapproval or punishment nevertheless aims at obtaining parental love and affection. A frequent method by which he tries to obtain this love is by complying with his parents' requests and denying his own wishes. He may see that there is no other way out, that the parents, although "good," never yield; he may obtain love or approval and therefore maintain some self-esteem only at the price of compliance. The child becomes a compliant person (anxiety and approach).

Other children find out, instead, that their parents, although "good," yield only if they continue to cry or to have temper tantrums, if they insist and argue for what they want. They learn from experience that the fight will be rewarded. They develop an aggressive, hostile personality. It could be that a constitutional predisposition makes these children prone to experience rage more intensely than fear (anger and approach).

Other children learn that the best way to avoid fear, anxiety and anger is not by complying or by fighting (parents will not give in to these methods), but by keeping away from their parents as much as possible by maintaining an emotional or physical distance. They develop an aloof, detached personality (withdrawal following repression of anxiety and/or anger).

An important defense thus consists in developing one of these types of personality (compliant, aggressive, or detached) or a mixture of them. Horney (1937, 1943) was the first to describe these three types of personality and to understand fully their consequences in the whole life of the individual. She called these three types of relating: (1) moving toward people; (2) moving against people; and (3) moving

away from people. As far as I know, however, she did not mention that the specific type of personality is the result of the combination (or prevailing of some) of four psychological variables (anxiety, anger, approach, withdrawal) and the specific type of parental behavior.

The preschizophrenic who has already been so battered by life does not have all the choices that we have described in building up a basic personality, a self-image, and in preserving a sense of self. As we shall see later in this chapter, he will develop one or the other of two types of prepsychotic personality. Like the other types that we have described, these two types expand in late childhood, but may be retained for the lifetime of the individual. What is described in the following two sections may apply also to later ages. Additional characteristics occurring in adolescence and adulthood will be described in Chapter 7.

The reader must also keep in mind that these two types of personality (schizoid and stormy) are not found exclusively in prepsychotics. To a mild degree they occur in a large percentage of people. Furthermore, even when they are very pronounced, they do not make a psychotic decompensation necessary. They narrow further

the range of possibilities and facilitate abnormal sequences of events.

III The Schizoid Personality

The child who has been raised in the previously discussed environmental conditions often leams that complying, as the person who "moves toward people" does, or being aggressive and hostile, as the person "who moves against people" does, does not pay. His parents may not accept either compliance or hostility. He must move away from people and must become a detached personality. The massive repression that he had to sustain toward the end of early childhood probably predisposes him to this detachment. He does not develop just a detached personality as many people do, but a special variety of it, generally called the *schizoid personality*. He is very far indeed from the state of communion described in Chapter 5.

The schizoid personality is a character armor that will protect the child in his increasing contacts with the world. The schizoid personality will continue to transform the malevolent Thou into a less disturbing agent, the distressing Thou, or to be more correct, the distressing other. The designation "other" in the third person implies

distance. The schizoid personality defends the self from the distressing others who constitute the family and the world. It is a set of defenses built as reaction to chronic danger, not to immediate fear; it provides tepid responses to poorly expressed states of anxiety and anger. By detaching himself emotionally the patient will avoid the pain connected with the attacks on his self-esteem. Furthermore, it will be easier for him to tolerate the inner images, which, although not as unpleasant as those of the previous period, are still disturbing. I am referring especially to the images of the parents, as distressing others, and to the image of himself as the "weak me." The hostility for the parents produces less guilt feeling, and the image of the self, at first at least, produces less decrease in self-esteem. The intense relatedness among the members of the family, which was often present during the first period, is now in many instances replaced by distance and coldness.

The schizoid appears aloof, detached, less emotional than the average person, less concerned and less involved. Actually, at an unconscious level he continues to be very sensitive, but he has learned to avoid anxiety and anger in two ways: (1) by putting physical distance between himself and situations that are apt to arouse these

feelings and (2) by repressing all emotions. This physical distance is maintained by avoiding interpersonal relations or refraining from actions that will evoke an unpleasant reaction in other people. Often, when the schizoid person is in the latter stages of his childhood, he would like to be a participant or a doer, but he still remembers from early childhood that action does not pay because it provokes a storm of intense and threatening emotional responses in the surrounding adults. Anticipation of actions means anticipation of a repetition of these emotional storms. The patient therefore becomes underactive. In some cases the parents have actually encouraged him not to do things; doing nothing meant being a good child, "because" what the child did was "always bad.' The patient may grow older with a deeply rooted pessimism about the outcome of his actions.

A characteristic of the schizoid person is the difficulty he has in looking into the eyes of the person who is with him. The schizoid child, and even more so later on the schizoid adolescent and young adult, may look elsewhere or make only fleeting eye contact. Eye contact not only makes him aware that another person is there, but that that person looks at him. As long as the other person does not look at the patient, the other may be experienced as an object. As soon as he

looks, he becomes an older person, an intruder, almost an inquisitor. The glance is a threat. Sartre has given great consideration to eye contact in his book Being and Nothingness (1969). However, what Sartre attributes to every human being seems to me characteristic only of the schizoid (and later, even more of the schizophrenic). According to Sartre, even though the other who looks at the individual may not be aggressive or reproaching, the individual feels dispossessed. Sartre believes that the individual feels he is for another; feels the shame of not being for himself. Sartre attributes to everybody an encounter with the other that is lived as a conflict or a state of anxiety. I believe that in a state of communion, of basic trust, or at least of absence of anxiety, the child or the youngster does not have the experience of being invaded and possessed by the glance of others, for instance, of the good mother or of the good friend. On the contrary the glance of mother is an act of love, is reassuring, and has the flavor of a caress, an embrace.

In several instances schizoid patients seem to be relatively active. On close observation they reveal, however, that they do things because they cannot resist the pressure of somebody who pushes them, generally the parent. More often than not, this parental pressure is

exerted, not directly, but in a subtle way. Rationalized or actually experienced as a desire to help the child, a parental invasion of the child's personal prerogatives takes place. Ironically, many of these parents boast about their liberality and noninterference in their children's lives. The children protect themselves from this parental invasion with further detachment.

Contrary to what the compliant person does under parental pressure, the child who has developed a schizoid personality prefers not to comply. And yet, to the observer, he quite often gives the impression of being extremely compliant. Actually he complies in a perfunctory way. He goes through the motions of the imposed act, but without being emotionally involved. In order to avoid anxiety, he becomes a person *uncommitted* to what he is doing or to what he is participating in. We must remember that if the patient succeeds in experiencing himself as being emotionally uninvolved, it is because his resentment and hostility are deeply repressed. Should he later become schizophrenic, the resentment and the hostility may be displaced toward nonparental figures, who may become the persecutors.

The person who develops a compliant personality has much less

difficulty than the schizoid, because the former learns to accept emotionally the values of his parents. Of course, at a deep level of unconsciousness he may also retain the bad image of them and not accept them. Only later in life, or if he undergoes psychotherapy, may he dethrone his parents. The compliant person complies in order to please; the schizoid complies in order not to displease. The schizoid is often partially aware of the conflict between himself and his parents. The character armor of indifference will remove to a great extent the unpleasantness of the conflict, but will not succeed entirely in repressing the awareness of the conflict itself. The schizoid character armor will remove the consciousness of anxiety to a large extent, but will never confer on the patient the feeling that he is really wanted, approved, and accepted.

Often the schizoid acquires a certain insight into his personality. He recognizes that his detachment is a very unsatisfactory solution and indeed he is justified in feeling that way. The compliant person and the aggressive person find some kind of solution, although at a high price. The compliant person gets approval, whereas the aggressive person generally manages to get at least some kind of substitute for what he really wants. The schizoid reaches a

pseudosolution by denying a great part of his life, but by doing so he may make the part of his life that he continues to live more awkward and unstable. His unconscious hostility and resentment increase; his emotional and social isolation are never complete enough to protect him entirely from anxiety; on the other hand, he harbors secret desires to reconnect himself with the emotional and social life from which he has tried to detach himself. Somehow he senses that he does not live the full reality of life.

His lack of emotion is not due to simple repression of feelings; it is also a reaction formation to too much sensitivity, not only to the sensitivity of the preceding intense relatedness to the parents, experienced during the first period, but also to the sensitivity that still exists at an unconscious or preconscious level. The dreams or fantasies of the schizoid often reveal great emotional potentialities; they are very dramatic and have great intensity of feelings and vivacity of actions. They transport the patient into an adventurous life, and often into storms of affect. With his actions, on the other hand, the schizoid person tries to be as static as possible. Often, if he acts, he will be very impersonal and will try to avoid communication by direct contact.

A 9-year-old schizoid girl used to write letters to her parents in which she would explain what she did not dare to tell them directly. Even when they are older, these schizoid patients prefer to write letters, rather than make telephone calls, and even when they write, they do so in a cold, formal, businesslike manner. In his schoolwork, the schizoid learns much more from a book than from the direct presentation of the teacher. Written material conveys meaning to him much better than spoken material, because a direct interpersonal experience is eliminated.

In conclusion we may state that the schizoid person experiences life as a danger to his own self. He succeeds in preserving his self, as an entity, by diminishing his contacts with life. The schizoid person does not want to withdraw to the symbiotic existence of the first year of life, which we have described in some patients. According to Guntrip (1968), he wants to go further back, to return to the womb (for safety, not for pleasure). The schizoid pattern of living is a compromise, because return to the womb is impossible. The compromise is a halfway-house position, according to Guntrip: neither in life nor out.

The later vicissitudes of the schizoid person will be discussed in

Chapter 7. At this point we have to take into consideration some important issues.

The distressing other may realistically be distressing, just as the malevolent you (Thou) may have really been malevolent. As a matter of fact, we find that in the majority of cases the image of the distressing other is often closer to reality than the image of the malevolent you was. However, the image of the distressing other does not correspond to reality when the patient sees every adult, or many adults, as modeled after this image. This is an unwarranted generalization, an application to most adults of what has become an *a priori* structure. Whether the image is in some cases a faithful reproduction of the surrounding adults or not, the adults are categorically experienced as distressing others.

The distressing others thus come to exist in their external reality and remain powerful inner objects as well. They exist as offenses and as defenses: offenses because they still determine fear, detachment, and withdrawal; defenses because their distressing quality does not elicit the devastating anxiety of the first period and permits some healthy developments or at least some compromises.

Melanie Klein, Fairbairn, Guntrip, and myself give great importance to inner objects, although we use different interpretations and frames of reference. External relations are also important and contribute to the maintenance or alteration of their inner counterpart.

The following outcomes are to be taken into account.

- 1. The schizoid person in childhood and later in life appears to others as having at least some of the following characteristics: being detached, cold, peculiar, suspicious, arrogant, condescending, and cocky. Thus the interpersonal world will not be able to interact with ease with a schizoid person. A state of tension, distance, mistrust, and misinterpretation is likely to occur that will reinforce in the patient his schizoid attitude. That is, he will continue to envision his being with others as a chronic, unspoken, moderate state of danger or surrounding hostility, from which he has to continue to defend himself.
- 2. Because of the experiences and habits acquired during the first period, the patient is predisposed to interpret the world in a way that confirms his unconscious premises, unconscious presuppositions, and general way of seeing reality. Thus he uses the attitudes he evokes in others in order to reinforce his schizoidism.

IV The Stormy Personality

The second type of prepsychotic personality is what I have described and designated as "stormy personality" (Arieti, 1955).

Not all preschizophrenics find in the schizoid detachment a protection from the injuries caused by the early interpersonal relations. The children who develop a stormy personality try all types of attitudes and try them to an extreme degree in their attempts to find a *modus vivendi*, a compromise with the significant adults. They try detachment as well as compliance and hostility. They have to try all possible means of defense, because none of them is effective in removing the existing anxiety. This uncertainty about the way of dealing with others is enhanced by the inconsistency of the parents. Thus, the early environmental situation promotes in them a capacity to change their attitudes toward life repeatedly. The changes may be slow or abrupt; more often, they are sudden, violent, and drastic. The distressing you they have to contend with is not just distressing, but unpredictable and inconsistent. It does not become a distressing other, but unless detachment is present, remains a you. The members of the family are still experienced as close, perhaps manifesting that pseudomutuality that Wynne and associates (1958) have described.

When children with stormy personality are observed for a short period of time, they give the wrong impression of being compliant, aggressive, or detached. But sooner or later we discover that this behavior is a maneuver adopted in specific situations. They have learned to change rapidly, and without conscious realization of what they are doing, in accordance with what the situation requires.

The child who develops a stormy personality has a greater difficulty in preserving a sense of self than does the schizoid person. Like the child who develops a schizoid personality, he could not properly identify with either of his parents, and his sex and gender identity were in many cases not well defined. However, even more than the schizoid child, he was uncertain about the role that the parents and siblings assigned to him in the family. He could not make out what *he* meant to each of the surrounding persons, especially adults, but also siblings. He felt *inconsistently unwanted*, the meaning of his identity or presence in the home remaining not well established, unless connected with overt rejection. As we have seen, no general attitude toward others (either of compliance, aggressiveness, or

detachment) could become well established. This uncertainty about the role attributed to him is due not only to the fact that the parents were inconsistent and tom by opposite feelings, like hostility and a sense of duty. It is due also, and perhaps predominantly, to the fact that the child tried to deny the role he felt the parents were attributing to him. He was too frightened to become aware of something that was presumably bad. He also was inclined to believe that the parents considered him "bad," but he did not want to see himself consistently in that light; it would be too devastating to his self-esteem. Somehow he felt he was not accepted, but he was not sure that he would be rejected entirely. He vacillated between all possible points of view. He saved some self-esteem, but at the expense of a stable sense of self-identity.

Whereas the schizoid person succeeds in preserving his self by decreasing the intensity of his contacts with people, the stormy person retains his willingness to explore life. He does not consider himself weak to the extent of withdrawing forever. But no matter what psychological maneuvers he uses, he succeeds only in grasping tastes of life. Whatever gives him some pleasure seems unretainable and flies away.

In an attempt to retain what they occasionally get, some patients use methods that are more characteristic and abnormal than those so far illustrated. Some of these stormy youngsters go to the extent of assuming temporarily the personality of the most important adult they are dealing with: mother, father, older sibling, and so on. This is not, however, a real identification, as it is in the case of normal children. It is something superficially superimposed, which shows gross distortions and at times to a degree resembles caricature or pantomime. [3]

Laing (1960) has designated all these maneuvers of the patients as "the false-self" system. He does not distinguish between schizoid and stormy personalities, and most of his observations concern the schizoid person.

The assumption of this personality or false-self system is a defensive maneuver. The youngster succeeds in most instances in avoiding tragic consequences. Obviously he does not come out of this turmoil intact. He will harbor serious doubts about his personal significance and self-worth. But at least he has succeeded in preserving his self as an entity, as a unity. We must stress that vicious

or circular patterns are developed in the life of the stormy individual. The family members, too, consider the patient unpredictable and respond with varying behavior, which reinforces the child's inner images of the family members.

V Later Developments

In the case of both the schizoid and the stormy child, the psychological picture seems much improved toward the last phase of childhood. The family has learned to live less inadequately with the patient, who is now less immature, less dependent, or less demanding. Although the child's earlier basic impressions and feelings about the world will linger, he is to a considerable extent able to alter them. These modifications are generally useful, even though at first they may seem to have an adverse effect. For instance, we have seen that if the mother has been an inadequate parent, deprived of maternal feelings, the child may during the first part of his childhood assume, at an unverbalized level, that mothers are all this way—that is how the world is. Later he discovers that the mothers of his schoolmates and playmates are not like his own mother and that he likes those mothers

more. Still later he discovers that culture or society, as a whole, represents, or even takes for granted, an image of mother that is much better than that of his own mother. At first impression one would think that the child will suffer when he discovers this discrepancy. Certainly it would be better if such discrepancy did not exist, and to a certain extent he does suffer.

However, he reacquires some hope in life. He becomes more and more aware that the family does not constitute the whole world. He thinks that he will discover the world at large in the future. More and more he appreciates the importance of the future in one's life, and he builds hopes for his own future.

Although the family is not in this second period as important in eliciting psychopathology as it was in the first period, its role cannot be minimized. It is still inadequate in providing what is needed or, even less, in compensating for what occurred previously. Some of the trends described in the first and second periods could be corrected at least partially if the child were exposed to some healthy influences, like close relations with friends and distant relatives. Unfortunately, in several cases the parents of future schizophrenic patients did not

encourage extrafamilial social intercourse, and what has been described as the "ingrown family" or nuclear family has resulted. Compensatory interpersonal contacts were lacking, and the children were dependent for psychological development on their unfit parents, even more than children usually are dependent on parents.

The ingrown or nuclear family, although it has been encountered somewhat less frequently since the end of the 1950s, is still very common in some parts of big cities where families live in isolation in their own small apartments. In too many instances no feeling of neighborhood develops in spite of close proximity. Ingrown families are also found among people who live in real geographical isolation, for example, on farms, islands, isolated hamlets, boats, and so forth (see case of Geraldine, Chapter 40). It occurs less frequently in small towns or villages where communal life is rich and warm. The difficulties of the second period are, relatively speaking, not overwhelming. In the majority of cases the individual succeeds in building up adequate defenses and in adjusting more or less to life, and the psychosis never occurs.

Notes

- [1] The possibility is not excluded that other types of preschizophrenic personality will be recognized in the future.
- It is worth mentioning that often, although not in all cases, when the schizoid patient tells a dramatic dream to the therapist, he does so with his usual detached, uninvolved attitude—as if the dream was experienced by another hypothetical person.
- [3] In non-Western countries a syndrome known by the name latah or by several other designations occurs frequently. It is applied to patients who imitate gestures, acts, and words of other people in a pantomime fashion (Arieti and Meth, 1959). In rare instances I have seen pre- and postschizophrenic stormy personalities who resemble latah patients.

Bibliography

Abraham, K., 1908, "The Psycho-Sexual Differences between Hysteria and Dementia Praecox." In Abraham, K., <i>Selected Papers in Psychoanalysis</i> . New York: Basic Books, 1953.
, 1912, "Notes on the Psycho-Analytical Investigation and Treatment of Manic-Depressive Insanity and Allied Conditions." In <i>Selected Papers</i> . New York: Basic Books, 1953.
, 1913, "Restrictions and Transformations of Scoptophilia in Psychoneurotics." In <i>Selected Papers</i> . New York: Basic Books, 1953.
, 1916, "The First Pregenital Stage of the Libido." In <i>Selected Papers</i> . New York: Basic Books, 1953.
Abramson, D. I., 1944, Vascular Responses in the Extremities of Man in Health and Disease. Chicago: University of Chicago Press, 1944.
Accomero, F., 1939, "L'istopatologia del sistema nervoso centrale nello shock insulinico." <i>Riv. di Pat. Nerv.,</i> 53:1.
Ach, N., 1935, <i>Analyse des Willens.</i> Berlin. Quoted by Humphrey, G., <i>Thinking:</i> An Introduction to Experimental Psychology. London and New York: Methuen & Wiley, 1951.
Ackerman, N. W., 1954, "Interpersonal Disturbances in the Family: Some Unsolved Problems in Psychotherapy." <i>Psychiatry</i> , 17:359-368.
, 1958, The Psychodynamics of Family Life. New York: Basic Books.

- ______, 1960, "Family-Focused Therapy of Schizophrenia." In Sher, S. C., and Davis, H. R. (eds.), *The Out-Patient Treatment of Schizophrenia*. New York: Grune & Stratton.
- Adler, A., 1944, "Disintegration and Restoration of Optic Recognition in Visual Agnosia." *Archives of Neurology and Psychiatry*, 51:243-259.
- ______, 1950, "Course and Outcome of Visual Agnosia." *Journal of Nervous and Mental Disease*, 111:41-51.
- Akerfeldt, S., 1957, "Oxidation of N-N-dimethyl-p-phenylenediamine by Serum with Mental Disease." *Science*, 125:117.
- Alanen, Y. O., 1958, "The Mothers of Schizophrenic Patients." Supplement No. 124, *Acta Psychiatrica et Neurologica Scandinavica*, Helsinki.
- Allen, M. G., and Pollin, W., 1970, "Schizophrenia in Twins and the Diffuse Ego Boundary Hypothesis." *American Journal of Psychiatry*, 127:437^42.
- Alpert, H. S., Bigelow, N. J. T., and Bryan, L. L., 1947, "Central Arteriosclerosis in the Paranoid State," *Psychiatric Quarterly*, 21:305-313.
- Altshuler, K. Z., 1957, "Genetic Elements in Schizophrenia. A Review of the Literature and Resume of Unsolved Problems." *Eugenics Quarterly*, 4:92-98.
- Alzheimer, A., 1897, "Beitrage zur pathologischen Anatomie der Himrinde und zur anatomischen Grundlage einiger Psychosen." *Monatsschr. Psychiat. u. Neurol.*, 2:82.

Appleton, W. S., 1967, "A Guide to the Use of Psychoactive Agents." Diseases of the Nervous System, 28:609-613.
Arieti, S., 1941, "Histopathologic Changes in Experimental Metrazol Convulsions in Monkeys." <i>American Journal of Psychiatry</i> , 98:70.
, 1944a, "The 'Placing-into-Mouth' and Coprophagic Habits." <i>Journal of Nervous and Mental Disease</i> , 99:959-964.
, 1944 <i>b</i> , "An Interpretation of the Divergent Outcome of Schizophrenia in Identical Twins." <i>Psychiatric Quarterly</i> , 18:587-599.
, 1945a, "Primitive Habits and Perceptual Alterations in the Terminal Stage of Schizophrenia." <i>Archives of Neurology and Psychiatry</i> , 53:378-384.
, 1945 6, "Primitive Habits in the Preterminal Stage of Schizophrenia." Journal of Nervous and Mental Disease, 102:367-375.
, 1946, "Histopathologic Changes in Cerebral Malaria and Their Relation to Psychotic Sequels." <i>Archives of Neurology and Psychiatry</i> , 56:79-104.
, 1947, "The Processes of Expectation and Anticipation. Their Genetic Development, Neural Basis and Role in Psychopathology." <i>Journal of Nervous and Mental Disease</i> , 100:471—481.
, 1948, "Special Logic of Schizophrenia and Other Types of Autistic Thought." <i>Psychiatry</i> , 11:325-338.
, 1950a, "Primitive Intellectual Mechanisms in Psychopathological

Conditions. Study of the Archaic Ego." American Journal of Psychotherapy, 4:4.
, 1950b, "New Views on the Psychology and Psychopathology of Wit and of the Comic." <i>Psychiatry</i> , 13:43-62.
, 1955, Interpretation of Schizophrenia. New York: Brunner.
, 1956a, "The Possibility of Psychosomatic Involvement of the Central Nervous System in Schizophrenia." <i>Journal of Nervous and Mental Disease</i> , 123:324-333.
, 19566, "Some Basic Problems Common to Anthropology and Modern Psychiatry.'' <i>American Anthropologist</i> , 58:26-39.
, 1957a, "The Two Aspects of Schizophrenia." <i>Psychiatric Quarterly</i> , 31:403^-16.
, 19576, "What is Effective in the Therapeutic Process?" <i>Am. J. Psychoanalysis</i> , 17:30-33.
, 1959, "Some Socio-Cultural Aspects of Manic-Depressive Psychosis and Schizophrenia." In Masserman, J., and Moreno, J. (eds.), <i>Progress in Psychotherapy</i> , vol. 4, pp. 140-152. New York: Grune & Stratton.
, 1960, "Recent Conceptions and Misconceptions of Schizophrenia." American Journal of Psychotherapy, 14:1-29.
, 1961a, "Volition and Value: A Study Based on Catatonic Schizophrenia." Comprehensive Psychiatry, 2:74.

, 19616, "Introductory Notes on the Psychoanalytic Therapy of
Schizophrenia." In Burton, A. (ed.), <i>Psychotherapy of Psychoses</i> . New York: Basic Books.
, 1962a, "Hallucinations, Delusions and Ideas of Reference Treated with Psychotherapy." <i>American Journal of Psychotherapy</i> , 16:52-60.
, 19626, "Psychotherapy of Schizophrenia." <i>Archives of General Psychiatry,</i> 6:112-122.
, 1962c, "The Microgeny of Thought and Perception," <i>Archives of General Psychiatry</i> , 6:454-468.
, 1963a, "The Psychotherapy of Schizophrenia in Theory and Practice." American Psychiatric Association, Psychiatric Research Report 17.
, 1963 6, "Studies of Thought Processes in Contemporary Psychiatry." American Journal of Psychiatry, 120:58-64.
, 1963c, "Psychopathic Personality: Some Views on Its Psychopathology and Psychodynamics." <i>Comprehensive Psychiatry</i> , 4:301-312.
, 1964, "The Rise of Creativity: From Primary to Tertiary Process." <i>Contemporary Psychoanalysis,</i> 1:51-68.
, 1965a, "The Schizophrenic Patient in Office Treatment." In Psychotherapy of Schizophrenia, 3rd Int. Symp., Lausanne, 1964. Basel: Karger.
, 1965b, "Conceptual and <i>CognitivePsychiatry." American Journal of</i>

, 1965c, "Contributions to Cognition from Psychoanalytic Theory." In Masserman, J. (ed.), <i>Science and Psychoanalysis</i> , vol. 8, pp. 16—37. New York: Grune & Stratton.
, 1966a, "Creativity and Its Cultivation: Relation to Psychopathology and Mental Health." In Arieti, S. (ed.), <i>American Handbook of Psychiatry</i> , 1st ed., vol. 3, pp. 720—741. New York: Basic Books.
, 1966b, "Transferencia e contra-transferencianotratamento do pacienteesquizofrenico." <i>Jornal</i>
Brasileiro de Psiquiatria. 15:163-174.
, 1967, The Intrapsychic Self: Feeling, Cognition and Creativity in Health and Mental Illness. New York: Basic Books.
, 1968a, "The Psychodynamics of Schizophrenia: A Reconsideration." American Journal of Psychotherapy, 22:366-381.
, 1968b, "The Meeting of the Inner and the External World: In Schizophrenia, Everyday Life and Creativity." <i>American Journal of Psychoanalysis</i> , 29:115-130.
, 1968c, "New Views on the Psychodynamics of Schizophrenia." <i>American Journal of Psychiatry</i> , 124:453—458.
, 1968 <i>d,</i> "Some Memories and Personal Views." <i>Contemporary Psychoanalysis,</i> 5:85-89.
, 1969, "Current Ideas on the Problem of Psychosis." Excerpta Medica

- ____, 1971a, "The Origins and Development of the Psychopathology of Schizophrenia." In Bleuler, M., and Angst, J. (eds.), Die Entstehung *der Schizophrenic.* Bern: Huber. 1971b. "Psychodynamic Search of Common Values with the Schizophrenic." Proceedings of IV International Symposium, Turku, Finland, 1971. Excerpta Medica International Congress Series, No. 259:94-100. Amsterdam. ____, 1972 a, The Will To Be Human. New York: Quadrangle Books. 1972 b, "Discussion of Otto Allen Will's Paper." Contemporary Psychoanalysis, 9:58-62. ____, 1972c, "The Therapeutic-Assistant in Treating the Psychotic." *International Journal of Psychiatry*, 10:7-11. _____, 1973, "Anxiety and Beyond in Schizophrenia and Depression." American *Journal of Psychotherapy*, 17:338-345 _____, 1974, "Psychoses." In Encyclopaedia Britannica. Arieti, S., and Bemporad, J. R., 1974, "Rare, Unclassifiable, and Collective Psychiatric Syndromes." In Arieti, S. (ed.), American Handbook of
- Arieti, S., and Meth, J., 1959, "Rare, Unclassifiable, Collective, Exotic Syndromes." In Arieti, S. (ed.), *American Handbook of Psychiatry*, 1st ed., vol. 1, pp. 546-563. New York: Basic Books.

Psychiatry. 2nd ed., vol. 3, pp. 710-722. New York: Basic Books.

Arlow, J. A., 1958, "Report on Panel: The Psychoanalytic Theory of Thinking."

- J. Am. Psychoanal Ass., 6:143.
- Arlow, J. A., and Brenner, C., 1964, *Psychoanalytic Concepts and the Structural Theory.* New York: International Universities Press.
- ______, 1969, "The Psychopathology of the Psychoses: A Proposed Revision." The International Journal of Psychoanalysis, 50:5-14.
- Artiss, K. L., 1962, *Milieu Therapy in Schizophrenia*. New York: Grune & Stratton.
- Astrachan, J. M., 1965, "Severe Psychological Disorders in Puerperium." *Obstetrics and Gynecology*, 25:13-25.
- Astrup, C., and Odegaard, O., "Internal Migration and Mental Disease in Norway." *Psychiatric Quarterly*, 34:116-130.
- Axel,M., 1959, "Treatment of Schizophrenia in a Day Hospital. Preliminary Observations on an Eclectic Approach." *International Journal of Social Psychiatry*, 5.
- Ayd, F. J., 1961, "A Survey of Drug-Induced Estrapyramidal Reactions." *JAMA*, 175:1054-1060.
- ____, 1963, "Chlorpromazine: Ten Years' Experience." JAMA, 184:173.
- Ayllon, T., and Azrin, N. H., 1965, "The Measurement and Reinforcement of Behavior of Psychotics." *Journal of Exper. Anal. Behav.*, 8:357-383.
- Bacciagaluppi, M., and Serra, A., 1963, "Sull'eredita' della schizofrenia tardiva." *Il Lavoro Neuropsichiatrico*, 33:1-7.

- Balakian, A., 1970, Surrealism: The Road to the Absolute. New York: Dutton.
- Baldessarini, R. J., 1966, "Factors Influencing Tissue Levels of the Major Methyl Donor in Mammalian Tissue." In Himwich, H. E., Kety, S. S., and Smythies, J. R. (eds.), *Amine Metabolism in Schizophrenia*. Oxford: Pergamon.
- Baldwin, J. M., 1929. Quoted by Piaget, 1929.
- Balken, E. R., 1943, "A Delineation of Schizophrenic Language and Thought in a Test of Imagination." *Journal of Psychology*, 16:239.
- Bard, P., and Mountcastle, V. B., 1947, "Some Forebrain Mechanisms Involved in the Expression of Rage with Special Reference to Suppression of Angry Behavior." *Res. Pub. A. Nerv. e. Merit. Dis.*, 27:362.
- Barison, F., 1934, "L'Astrazione formale del pensiero quale sintomo di schizofrenia." *Schizophrenie*, 3, 1934. Quoted by Piro, 1967.
- ____, 1948, "II Manierismo schizofrenico." Riv. Neurol. 18:1.
- _____, 1949, "Dissociazione e incomprensibilita schizofreniche." *Riv. Neurol.*, 19:1.
- Barr, M. L., and Bertram, E. C., 1949, "A Morphological Distinction between Neurons of the Male and Female, and the Behavior of the Nucleolar Satellite during Accelerated Nucleoprotein Synthesis." *Nature*, 163:676-677.
- Barsa, K., and Kline, N. S., 1956, "Use of Reserpine in Disturbed Psychotic Patients." Quoted by Kline, 1956.

- Bartlet, J. E. A., 1957, "Chronic Psychosis following Epilepsy." *American Journal of Psychiatry*, 114:338-343.
- Bastide, R., 1965, Sociologie des maladies mentales. Paris: Flammarion.
- Bateson, G., Jackson, D. D., Haley, J., and Weakland, J., 1956, "Toward a Theory of Schizophrenia.' 'Behavioral Science, 1:251.
- Baynes, H G., 1949, Mythology of the Soul. A Research into the Unconscious from Schizophrenic Dreams and Drawings. London: Methuen.
- Beard, A. W., and Slater, E., 1962, "The Schizophrenic-like Psychoses of Epilepsy." *Proceedings of the Royal Society of Medicine*, 55:311-316.
- Becker, E., 1962, "Toward a Theory of Schizophrenia. External Objects and the Creation of Meaning." *Archives of General Psychiatry*, 7:170-181.
- Beckett, P. G. S., and Gottlieb, J. S., 1970, "Advances in the Biology of Schizophrenia." In Arieti, S. (ed.), *The World Biennial of Psychiatry and Psychotherapy*, vol. 1, pp. 505-528. New York: Basic Books.
- Beliak, L., 1948, Dementia Praecox. The Past Decade's Work and Present States:

 A Review and Evaluation. New York: Grune.
- ____. 1957, Schizophrenia: A Review of the Syndromes, New York: Logos Press.
- Beliak, L., and Loeb, L., 1969, *The Schizophrenic Syndrome.* New York: Grune & Stratton.
- Beliak, L., and Willson, E., 1947, "On the Etiology of Dementia Praecox."

- *Journal of Nervous and Mental Disease,* 105:1-24.
- Belloni, L., 1956, "Dali' Elleboro alia reserpina." *Archivio di Psicologia, Neurologia e Psichiatria*, 17:115.
- Bemporad, J. R., 1967, "Perceptual Disorders in Schizophrenia." *American Journal of Psychiatry*, 123:971-975.
- Bemporad, J. R., and Dunton, H. D., 1972, "Catatonic Episodes in Childhood." International Journal of Child Psychotherapy, 1:19-44.
- Bender, L., 1947, "Childhood Schizophrenia." *American Journal of Orthopsychiatry*, 17:40-56.
- _____, 1953, "Childhood Schizophrenia." *Psychiatric Quarterly*, 27:663-687.
- Bender, L., and Schilder, P., 1930, "Unconditioned and Conditioned Reactions to Pain in Schizophrenia." *American Journal of Psychiatry*, 10:365.
- Bendi, S. B., Beckett, P. G. S., Caldwell, D. F., Grisell, J., and Gottlieb, J. S., 1969, "Nailfold Capillary Structure and Skin Temperature in Schizophrenia." *Clinical and Basic Science Correlations. Supplement* to Diseases of the Nervous System, 30:2.
- Benedetti, G., 1955, "II problema della coscienza nelle allucinazioni degli schizofrenici." *Archivio di Psicologia, Neurologia e Psichiatria,* 16:287.
- ______, 1956, "Analisi dei processi di miglioramento e di guarigione nel corso della psicoterapia." *Archivio di Psicologia, Neurologia e Psichiatria,* 17:971.

- _____, 1971, "Ich-Strukturierung und Psychodynamik in der Schizophrenie." In Bleuler, M., and Angst, J. (eds.), *Die Entstehung der Schizophrenie.* Bern: Huber.
 - _____, 1972, "Response to Frieda Fromm-Reichmann Award Presentation." Meeting of the American Academy of Psychoanalysis, May 1972.
 - Benedetti, G., Kind, H., and Mielke, F., 1957, "Forschungen zur Schizophrenielehre 1951 bis 1955." Fortschritte Neur. Psychiatrie, 25:101-179.
 - Benjamin, J. D., 1944, "A Method for Distinguishing and Evaluating Formal Thinking Disorders in Schizophrenia." In Kasanin (1944a), Language and Thought in Schizophrenia: Collected Papers.

 Berkeley: University of California Press.
 - Bennett, A. E., 1940, "Preventing Traumatic Complications in Convulsive Shock Therapy by Curare." *JAMA*, 114:322.
 - Berger, H., 1931, "Uber das Elektroenzephalogramm des Menschen." *Arch. f. Psychiat.*, 94:16-60.
 - ______, 1933, "Uber das Elektroenzecepalogramm des Menschen." *Arch. f. Psychiat.*, 100:302-321.
 - Berk, N., 1950, "A Personality Study of Suicidal Schizophrenics." *Microfilm Abstracts*, 10:155.
 - Bernard, P., and Bobon, J., 1961, "Le 'Rinhauzhairhhauses' neomorphisme compensatoire chez un paraphrene debile." In *Premier Colloque International sur V Expression Plastique*. Brussels: Les Publications "Acta Medica Belgica."

- Best, C. H., and Taylor, N. B., 1939, *The Physiological Basis of Medical Practice*.

 Baltimore: Williams and Williams.
- Bettelheim, B., 1956, "Schizophrenia as a Reaction to Extreme Situations." *American Journal of Orthopsychiatry*, 26:507-518.
- _____, 1967, The Empty Fortress: Infantile Autism and the Birth of the Self. New York: Free Press.
- _____, 1969, *The Children of the Dream.* New York: Macmillan.
- _____, 1970, "Infantile Autism." In Arieti, S. (ed.), *The World Biennial of Psychiatry and Psychotherapy*, vol. 1, pp. 400-425. New York: Basic Books.
- Betz, B. J., 1947, "A Study of Tactics for Resolving the Autistic Barrier in the Psychotherapy of the Schizophrenic Personality." *American Journal of Psychiatry*, 104:267.
- ______, 1950, "Strategic Conditions in the Psychotherapy of Persons with Schizophrenia." *American Journal of Psychiatry*, 107:203.
- Bexton, W. H., Heron, W., and Scott, T. H., 1954, "Effects of Decreased Variation in the Sensory Environment." *Canadian Journal of Psychology*, 8:70-76.
- Bieber,I., 1958, "A Critique of the Libido Theory." *American Journal of Psychoanalysis*, 18:52-65.
- Bieber, I., et al., 1962, *Homosexuality: A Psychoanalytic Study.* New York: Basic Books.

Billig, O., 1957, "Graphic Communication in Schizophrenia." <i>Congress Report 2,</i> Intern. Congress for Psychiatry, Zurich, Vol. 4.
, 1968, "Spatial Structure in Schizophrenic Art." <i>Psychiatry and Art Proceedings IVth Int. Coll. Psychopathology of Expression</i> 1-16. Basel and New York: Karger.
Binswanger, L., 1949, "Der Fall Lola Voss." Schweizer Archiv für Neurologie und Psychiatrie, 63:29.
, 1957, <i>Le Cas Suzanne Urban, etude sur la schizophrenic.</i> Paris: Desclee de Brouwer.
, 1958a, "The Case of Ellen West." In May, R., Angel, E., and Ellenberger, H. F. (eds.), <i>Existence</i> . New York: Basic Books.
, 19586, "Insanity as Life-Historical Phenomenon and as Mental Disease: The Case of Ilse." In May, R., Angel, E., and Ellenberger, H. F. (eds.), Existence. New York: Basic Books.
Bion, W. R., 1954, "Notes on the Theory of Schizophrenia." In Bion, W. R., Second Thoughts. London: Heinemann.
, 1956, "Development of Schizophrenic Thought." In Bion, Second Thoughts. London: Heinemann.
, 1957, "Differentiation of the Psychotic from the Non-Psychotic Personalities." In Bion, W. R., <i>Second Thoughts.</i> London: Heinemann.
Black, B. J., 1963, <i>Guides to Psychiatric Rehabilitation</i> . New York: Altro Health

and Rehabilitation Services.

- Blacker, K. H., Jones, R. T., Stone, G. C., and Pfefferbaum, 1968, "Chronic Users of LSD: The 'Acidheads.'" *American Journal of Psychiatry*, 125:341-351.
- Blanshard, B., 1967, "Internal Relations and Their Importance to Philosophy." *The Review of Metaphysics*, 21:227-236.
- Blaschko, H., 1959, "The Development of Current Concepts of Catecholamine Formation." *Pharmacol. Rev.*, 11:307—316.
- Bleuler, E., 1912a, *The Theory of Schizophrenic Negativism.* Nervous and Mental Disease Monograph Series No. 11. New York.
- _____, 19126, *Affectivity, Suggestibility, Paranoia.* Utica, N.Y.: State Hospital Press.
- _____, 1913a, "Autistic Thinking." *American Journal of Insanity*, 69:873.
- _____, 19136, "Kritik der Freudschen Theorien." *Allg. Z. Psychiatrie,* 70:665-718.
- _____, 1924, *Textbook of Psychiatry.* Translated by A. A. Brill. New York: Macmillan.
- _____, 1943, "Die Spatschizophrenen Krankeitsbilder." Fortschr. Neur., 15:259.
- _____, 1950 (originally in German, 1911), *Dementia Praecox on the Group of Schizophrenias*. Translated by J. Zinkin. New York: International Universities Press.

_____, 1968, "A Twenty-Three-Year Longitudinal Study of 208 Schizophrenics and Impression in Regard to the Nature of Schizophrenia." In Rosenthal, D. and Kety, s.s. (eds) in The Transmission of Schizophrenia: London: Pergammon Press. Blondel, C., 1939, "Les Volitions." In Dumas, G. (ed.), Nouveau Traite de Psychologie. Paris: Alcan. Bloom, J. B., and Davis, N., 1970, "Changes in Liver Disturbance Associated with Long-term Tranquilizing Medication." Diseases of the Nervous System, 31:309-317. Blum, R. A., Livingston, P. B., Shader, R. I., 1969, "Changes in Cognition, Attention and Language in Acute Schizophrenia." Diseases of the Nervous System, 30:31-36. Boas, F., 1927, *Primitive Art.* Oslo: H. Aschehong e Company. Bobon, J., 1955, "Psychopathologie de l'expression plastique (mimique et picturale). Note preliminaire sur les 'neomimismes' et les 'neomorphismes.' " Acta Neurologica et Psychiatrica Belgica, 11:923-929. ____, 1957, "Contribution a la psychopathologie de l'expression plastique, mimique et picturale: Les 'neomimismes' et les 'neomorphismes.'

"Acta Neurologica et Psychiatrica Belgica, 12:1031-1067.

Bleuler, M., 1954, Endokrinologische Psychiatric. Stuttgart: Thieme.

_____, 1963, "Conception of Schizophrenia within the Last Fifty Years and

Today." Proceedings of the Royal Society of Medicine, 56:945-952.

- Bobon, J., and Maccagnani, G., 1962, "Contributo alio studio della comunicazione nonverbale in psicopatologia: II 'linguaggio' dell' espressione plastica." *Rivista Sperimentale di Freniatria*, 86:1097-1173.
- Boernstein, W. S., 1940a and b, "Cortical Representation of Taste in Man and Monkey." (a) Functional and Anatomical Relations of Taste, Olfaction and Somatic Sensibility. *Yale Journal of Biology and Medicine*, 12:719. (b) The Localization of the Cortical Taste Area in Man and a Method for Measuring Impairment of Taste in Man. *Yale Journal of Biology and Medicine*, 13:133.
- Bonfiglio, F., 1952, "Considerazioni sulla morbosita per malattie mentali in Italia nel triennio 1947-1948-1949." *Lavoro Neuropsichiat.*, 10:22.
- Book, J. A., 1960, "Genetical Aspects of Schizophrenic Psychoses." In Jackson, D. D. (ed.), *The Etiology of Schizophrenia*. New York: Basic Books.
- Boss, M., 1963, *Psychoanalysis and Daseinanalysis*. New York: Basic Books.
- _____, 1973, "The Phenomenological Approach to Schizophrenia." In Arieti, S. (ed.), *The World Biennial of Psychiatry and Psychotherapy*, vol. 2, pp. 314—335.
- Bostroem, A., 1928, "Storungen der Wollens." In Bumke, O. (ed.), *Handbuch des Geisteskrankheiten*, vol. 11, pp. 1-90. Berlin: Springer.
- Bourdillon, R. E., Clarke, C. A., Ridges, A. P., Sheppam, P. M., Harper, P., and Leslie, S. A., 1965, "'Pink Spot' in the Urine of Schizophrenics." *Nature*, 208:453-455.

- Boutonier, J., 1951, *Les Defaillances de la volonte.* Paris: Presses Universitaires de France.
- Bowers, M. K., 1961, "Theoretical Considerations in the Use of Hypnosis in the Treatment of Schizophrenia." *International Journal of Clinical and Experimental Hypnosis*, 9:39-46.
- Bowlby, J., 1951, *Maternal Care and Mental Health*. World Health Organization Monograph, Series n. 2.
- _____, 1960, "Grief and Mourning in Infancy." In *The Psychoanalytic Study of the Child*, vol. 15. New York: International Universities Press.
- Bowman, K. M., 1935, "Psychoses with Pernicious Anemia." *American Journal of Psychiatry*, 92:372.
- Boyd, D. A., 1942, "Mental Disorders Associated with Child Bearing." *American Journal of Obstetrics and Gynecology*, 43:148-163, 335-349.
- Braceland, F. J., 1966, "Rehabilitation." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 3, pp. 643-656. New York: Basic Books.
- Bradley, C., 1941, Schizophrenia in Childhood. New York: Macmillan.
- Breton, A., 1932, Les Vases Communicants. Paris: Cahiers Libres.
- _____, 1952, *La Cle des Champs.* Paris: Sagittaire.
- Breton, A., and Eluard, P., 1930, L'Immaculee Conception. Paris: Editions
 Surrealistes

- Brickner. R. M., 1936, The Intellectual Functions of the Frontal Lobes: A Study Based upon Observation of a Man Following Partial Bilateral Frontal Lobectomy. New York: Macmillan.
- Brill, H., and Patton, R. E., 1957, "Analysis of 1955-1956 Population Fall in New York State Mental Hospitals in First Year of Large-Scale Use of Tranquillizing Drugs.' 'American Journal of Psychiatry, 114:509.
- ______, 1964, "The Impact of Modern Chemotherapy on Hospital Organization, Psychiatric Care, and Public Health Policies: Its Scope and Its Limits." *Proceedings Third World Congress of Psychiatry*, vol. 3, pp. 433^37.
- Brill, N. G., 1969, "General Biological Studies." In Beliak, L., and Loeb, L. (eds.), *The Schizophrenic Syndrome.* New York: Grune & Stratton.
- Brody, M. W., 1959, Observations on "Direct Analysis," The Therapeutic Technique of Dr. John N. Rosen. New York: Vantage Press.
- Brooks, G. W., Deane, W. N., and Hugel, R. W., 1968, "Some Aspects of the Subjective Experience of Schizophrenia." In *Supplement to Diseases of the Nervous System*, vol. 29, pp. 78-82.
- Brown, J. W., 1972, Aphasia, Apraxia and Agnosia. Springfield, Ill.: Thomas.
- Bruch, H., 1957, The Importance of Overweight. New York: Norton.
- _____, 1962, "Perceptual and Conceptual Disturbances in Anorexia Nervosa." *Psychosomatic Medicine*, 24:187.
- Bruch, H., and Palombo, S., 1961, "Conceptual Problems in Schizophrenia.''

- *Journal of Nervous and Mental Disease,* 132:114—117.
- Bruetsch, W. L., 1940, "Chronic Rheumatic Brain Disease as a Possible Factor in the Causation of Some Cases of Dementia Praecox." *American Journal of Psychiatry*, 97:276.
- Bruner, J. S., 1951, "Personality Dynamics and the Process of Perceiving." In Blake, R. R., and Ramsey, G. V. (eds.), *Perception, an Approach to Personality*. New York: Ronald Press.
- Buber, M., 1953, I and Thou. Edinburgh: Clark.
- Bullard, D. M., 1959, *Psychoanalysis and Psychotherapy. Selected Papers of Frieda Fromm-Reichmann.* Chicago: University of Chicago Press.
- Bumke, O., 1924, Lehrbuch der Geisteskrankheiten, 2nd ed. Munich: Bergmann.
- Burlingame, C. C., 1949, "Rehabilitation after Leucotomy." *Proceedings of the Royal Society of Medicine*, 42:31.
- Burney, C., 1952, Solitary Confinement. New York: Coward-McCann.
- Burton, A., and Adkins, J., 1961, "Perceived Size of Self-Image Body Parts in Schizophrenia." *Archives of General Psychiatry*, 5:131-140.
- Burton, A., and Bird, J. W., 1963, "Family Constellation and Schizophrenia." *Journal of Psychology*. 55:329-336.
- Buscaino, V. M., 1921, "Nuovi date sulla distribuzione e sulla genesi delle 'zolle di disentegrazione a grappolo' dei dementi precoci." *Riv. di Pat. Nerv.*, 26:57.

- ______, 1952, "Extraneural Pathology of Schizophrenia (Liver, Digestive Tract, Reticulo-Endothelial System). In *Proceedings of the First International Congress of Neuropathology*. Turin: Rosenberg & Sellier.
- _____, 1970, "Biologia e terapia della schizofrenia." *Acta Neurologica*, 25:1-58.
- Bychowski, G., 1943, "Physiology of Schizophrenic Thinking." *Journal of Nervous and Mental Disease*, 98:368—386.
- _____, 1952, *Psychotherapy of Psychosis.* New York: Grune & Stratton.
- Byrd, R. E., 1938, Alone. New York: Putnam.
- Cade, J. F., and Krupinski, J., 1962, "Incidence of Psychiatric Disorders in Victoria in Relation to Country of Birth." *Medical Journal of Australia*, 49:400-404.
- Cairns, H., Oldfield, R. C., Pennybacker, J. B., and Whitteridge, D., 1941, "Akinetic Mutism with an Epidermoid Cyst of the Third Ventricle." *Brain*, 64:273.
- Callieri, B., 1954, "Contributo alio studio psicopatologico dell' esperienza schizofrenica della fine del mondo." *Archivio Psicologia, Neurologia e Psichiatria.* 16:379.
- Cameron, D. C., and Jellinek, E. M., 1939, "Physiological Studies in Insuline Treatment of Acute Schizophrenia: Pulse Rate and Blood Pressure." *Endocrinology*, 25:100.
- Cameron, N., 1938, "Reasoning, Regression and Communication in

- Schizophrenics." Psychological Monograph, 50:1.
- _____, 1939, "Deterioration and Regression in Schizophrenic Thinking." *Journal of Abnormal and Social Psychology*, 34:265.
- _____, 1947, *The Psychology of Behavior Disorders. A Biosocial Interpretation.* Cambridge, Mass.: Mifflin Co.
- Cameron, N., and Margaret, A., 1951, *Behavior Pathology*. Cambridge, Mass.: Mifflin Co.
- Cancro, R., 1971, 1972, *The Schizophrenic Syndrome,* vols. 1, 2. New York: Brunner-Mazel.
- Cantor, M. B., 1968, "Problems in Diagnosing and Prognosing with Occult Schizophrenic Patients." *American Journal of Psychoanalysis*, 39:36-47.
- Capgras, J., and Carrette, P., 1924, "L'Illusion des sosies et complexe d'Oedipe." *Ann. med.-psych.*, 82:48.
- Capgras, J., Lucettini, P., and Schiff, P., 1925, "Du Sentiment d'estrangete a l'illusion des sosies." *Ann. med.-psych.*, 83:93.
- Capgras, J., and Reboul-LaChaux, J., 1923, "L'Illusion des sosies dans un delire systematise chronique." *Soc. Clin. Med. Psych.*, 81:186.
- Caplan, G., 1964, Principles of Preventive Psychiatry. New York: Basic Books.
- Cargnello, D., 1964, "Fenomenologiadel corpo." *AnnalidiFreniatriaeScienze Affini*, 77:365-379.

- Cargnello, D., and Della Beffa, A.A., 1955, "L'illusione del Sosia." *Archivio di Psicologia, Neurologia e Psichiatria*, 16:173.
- Carothers, J. C., 1947, "A Study of Mental Derangement in Africans." *Journal of Ment. Sci.*, 93, No. 392:548-597.
- _____, 1951, "Frontal Lobe Function and the African." *J. Ment. Sci.*, 97, n. 406, pp. 12—48.
- Cassirer, E., 1946, Language and Myth. New York: Harper and Brothers.
- _____, 1953, *The Philosophy of Symbolic Forms,* vol. 1. New Haven: Yale University Press.
- _____, 1955, *The Philosophy of Symbolic Forms,* vol. 2. New Haven: Yale University Press.
- _____, 1957, *The Philosophy of Symbolic Forms*, vol. 3. New Haven: Yale University Press.
- Cerletti, U., and Bini, L., 1938, "L'Electtroshock." *Arch. Gen. di Neurol., Psichiat., e Psicoanal.,* 19:266.
- ______, 1940, "Le alterazioni istopatologiche del sistema nervoso nell' electtroshock." *Rivista Sperimentale di Freniatria*, 64:2.
- Chapman, J., 1966, "The Early Diagnosis of Schizophrenia." *British Journal of Psychiatry*, 112:225-238.
- Chapman, L. J., 1958, "Intrusion of Associative Responses into Schizophrenic Conceptual Performance." *Journal of Abnormal Social Psychology*,

56:374-379.

- ______, 1960, "Confusion of Figurative and Literal Usages of Words by Schizophrenics and Brain-Damaged Patients." *Journal of Abnormal Social Psychology*, 60:412-416.
- ______, 1961, "A Re-interpretation of Some Pathological Disturbances in Conceptual Breadth." *Journal of Abnormal Social Psychology*, 62:514-519.
- Chapman, L. J., and Chapman, J. P.____, 1965, "The Interpretation of Words in Schizophrenia." *Journal of Personality and Social Psychology*, 1:135-146.
- Chapman, L. J., Chapman, J. P., and Miller, G. A., 1964, "A Theory of Verbal Behavior in Schizophrenia." In Maher, B., *Progress in Experimental Personality Research*, vol. 1, pp. 49-77. New York: Academic Press.
- Chertok, L., 1969, *Motherhood and Personality. Psychosomatic Aspects of Childbirth.* London: Tavistock. Originally published in French, 1966.
- Chrzanowski, G., 1943, "Contrasting Responses to Electric Shock Therapy in Clinically Similar Catatonics." *Psychiatric Quarterly*, 17:282.
- Clark, L. P., 1933, "Treatment of Narcissistic Neuroses and Psychoses." *Psychoanalytic Quarterly*, 20:304-326.
- Clements, S. D., 1966, *Minimal Brain Dysfunction in Children.* NINDB Monograph No. 3, Washington, D.C.: U. S. Public Health Service.

- Cole, E., Fisher, G., Cole, S. S., 1968, "Women Who Kill. A Sociopsychological Study." *Archives of General Psychiatry*, 19:1-8.
- Colony, H. S., and Willis, S. E., 1956, "Electroencephalographic Studies of 100 Schizophrenic Patients." *American Journal of Psychiatry*, 113:163.
- Conant, J. B., 1952, *Modern Science and Modern Man.* New York: Columbia University Press.
- Courbon, P., and Fail, J., 1927, "Syndrome de Fregoli et schizophrenic." *Soc. Clin. Med. Ment.*
- Courbon, P., and Tusques, J., 1932, "Illusion d'intermetamorphose et de charme." *Ann. Med.-Psych.*, 90:401.
- Courtauld, A., 1932, "Living Alone under Polar Conditions." Cambridge: *The Polar Record*, No.4.
- Crahay, S., and Bobon, J., 1961, "De la representation naturaliste a I'abstraction morbide des formes." In *Premier Colloque International sur VExpression Plastique*. Brussels: Les Publications "Acta Medica Belgica."
- Critchley, M., 1953, *The Parietal Lobes*. London: Arnold.
- Croce, B. 1947, La Filosofa di Giambattista Vico. Laterza: Bari.
- Dahl, M., 1958, "A Singular Distortion of Temporal Orientation." *American Journal of Psychiatry*, 115:146-149.
- Dali, S., 1930, La Femme visible. Paris: Editions Surrealistes.

- _____, 1935, Conquest of the Irrational. New York: Julian Levy.
 _____, 1942, The Secret Life of Salvador Dali. New York: Dial Press.
- Dally, P., 1967, *Chemotherapy of Psychiatric Disorders*. New York: Plenum Press. London: Logos Press.
- Dastur, D. K., 1959, "The Pathology of Schizophrenia." A.M. A. Archives of Neurology & Psychiatry. 81:601-614.
- Davidson, G. M., 1936, "Concerning Schizophrenia and Manic-Depressive Psychosis Associated with Pregnancy and Childbirth." *American Journal of Psychiatry*, 92:1331.
- ____, 1941, "The Syndrome of Capgras." *Psychiatric Quarterly*, 15:513.
- Davis, P. A., 1940, "Evaluation of the Electroencephalograms of Schizophrenic Patients." *American Journal of Psychiatry*, 96:850.
- _____, 1942, "Comparative Study of the EEG's of Schizophrenic and Manic-Depressive Patients." *American Journal of Psychiatry*, 99:210.
- Dawson, J. G., and Burke, G. W., 1958, "Folie a Deux in Husband and Wife." Journal of Psychology, 46:141-148.
- Dax, E. C., 1953, Experimental Studies in Psychiatric Art. Philadelphia: Lippincott.
- DeJong, H., 1922, "Ueber Bulbocapninkatalepsie." Klinische Wochenschi, 1:684.
- DeJong, H., and Baruk, H., 1930a, "Pathogenie du syndrome catatonique."

Encephale, 25:97.

_____, 1930b, La Catatonie experimental par la bulbocapnine; Etude physiologique et clinique.

Paris: Masson,

Delgado, H., 1922, El Dibujo des los psicopatos. Lima.

- Delay, J., and Deniker, P., 1952a, "Le traitement des psychoses par une methode neurolytique derivee de l'hibemotherapie (le 4560 RP utilise seul en cure prolongee et continue). L. eme Cong, des Alien, et Neurol, de Langue Frangaise, Luxemburg, 21-27 July." *Comptes-Rendus du Congres*, 497-502. Paris: Masson.
- _____, 19526, "38 Cas de psychoses traites par la cure prolongee et continue de 4560 RP. L. eme Cong, des Alien et Neurol, de Langue Franjaise, Luxemburg, 21-27 July. *Comptes-Rendus du Congres*, 503-513. Paris: Masson.
- _____, 1961, Methodes Chimiotherapiques en Psychiatrie. Paris: Masson.
- Delong, S. L., 1967, "Chlorpromazine-induced Eye Changes." Quoted by Kalinowsky and Hippius, 1969.
- De Martino, E., 1964, "Apocalissi culturali ed apocalissi psicopatologiche." *Nuovi Argomenti.* Quoted by De Martis, 1967.
- De Martis, D., 1964, "LaCorporeitanellaschizofrenia." *Rassegnadi Studi Psichiatrici*. 53:412-428.

- ______, 1965, "Reflexions sur les delires de negation et de fin du monde." L'Evolution Psychiatrique, 1:111.
- _____, 1967, "Note sui deliri di negazione." *Rivista Sperimentale di Freniatria*, 91:1119-1143.
- De Martis, D., and Petrella, F., 1964, "Le Stereotipie. Studio psicopatologico e clinico (con particolare riferimento alia stereotipia schizofrenica)." *Rivista Sperimentale di Freniatria*, 88:946-1005.
- De Martis, D., Petrella, F., and Petrella, A. M., 1967, "Ricerche sull' evoluzione dell' esperienza di esordio della malattia nella schizofrenia cronica." *Psichiatria Generale e dell' Eta Evolutiva*, 5:1-17.
- De Martis, D., and Porta, A., 1965, "Ricerche sulla qualita della percezione del proprio corpo in un gruppo di soggetti psicotici." *Rivista Sperimentale di Freniatria*, 89:779-810.
- Denber, H. C. B., and Teller, D. N., 1963, "A Biochemical Genetic Theory Concerning the Nature of Schizophrenia." *Dis. Nerv. Syst.*, 29:106-114.
- Denny-Brown, D., 1960, "Motor Mechanisms. Introduction: The General Principles of Motor Integration." In Field, J. (ed.), *Handbook of Physiology*, vol. 2, p. 781. Washington: American Physiological Society.
- De Sanctis, S., 1925, *Neuropsichiatria infantile. Patologia e diagnostica.* Turin: Lattes.
- Despert, L., 1941, "Thinking and Motility Disorder in a Schizophrenic Child."

Psychiatric Quarterly, 15:522-536.

- _____, 1968, *Schizophrenia in Children*. New York: Brunner.
- Deutsch, H., 1945, *Psychology of Women*, vol. 1, 2. New York: Grune & Stratton.
- Dewhurst, K. E., El Kabir, D. J., Harris, G. W., and Mandelbrote, B. M., 1969, "Observations on the Blood Concentration of Thyrotrophic Hormone (T.S.H.) in Schizophrenia and Affective States." The *British Journal of Psychiatry*, 115:1003-1011.
- Diamond, S., Balvin, R. S., and Diamond, F. R., 1963, *Inhibition and Choice:*Neurobehavioral Approach to Problems of Plasticity in Behavior.

 New York: Harper and Row.
- Diem, 1903, "Die einfach demente." Form der Dp. A., 37:111. Quoted by Bleuler, 1950.
- Doust, J. W. L., 1955, "The Capillary System in Patients with Psychiatric Disorder: The Ontogenetic Structural Determination of the Nailfold Capillaries as Observed by Photomicroscopy." *Journal of Nervous and Mental Disease*, 121:516-526.
- Drellich, M., 1974, "The Theory of the Neuroses." In Arieti, S., (ed.) *American Handbook of Psychiatry*, vol. 1. New York: Basic Books.
- Dunlap, C. B., 1928, "The Pathology of the Brain in Schizophrenia." *Association for Research in Nervous and Mental Disease, Proceedings,* 5:371.

 New York: Hoeber.
- Easson, W. M., 1966, "Myxedema with Psychosis." Arch. Gen. Psychiat., 14:277-

283.

- Eaton, J. W., and Weil, R. J., 1955a, *Culture and Mental Disorders*. Glencoe, Ill.: Free Press.
- _____, 1955b, "The Mental Health of the Hutterites." In Rose, A. M., *Mental Health and Mental Disorder*. New York: Norton.
- Eisenberg, L., and Kanner, L., 1957, "Early Infantile Autism." *American Journal of Orthopsychiatry*, 26:550-566.
- Eissler, K. R., 1951, "Remarks on the Psycho-analysis of Schizophrenia." *Int. J. Psycho-Anal.*, 32:139.
- ______, 1952, "Remarks on the Psychoanalysis of Schizophrenia." In Brody and Redlick, *Psychotherapy with Schizophrenics*. New York: International Universities Press.
- Eitinger, L., 1959, "The incidence of mental disease among refugees in Norway." *Journal Ment. Sci.*, 105:326-338.
- Ellinwood, E. H., 1967, "Amphetamine Psychosis: Description of the Individuals and Process." *J. Nervous Ment. Disease*, 144:273-283.
- English, O. S., Hampe, W. W., Bacon, C. L., and Settlage, C. F., 1961, *Direct Analysis and Schizophrenia. Clinical Observations and Evaluations.*New York: Grune & Stratton.
- Ephron, H. S., 1969, "Dreams of Schizophrenics and 'Normals': Do They Differ?" Paper presented at a Dream Symposium under the auspices of the Comprehensive Course in Psychoanalysis, New

- York Medical College, November 1, 1969.
- Erikson, E. H., 1940, "Problems of Infancy and Early Childhood." In *Cyclopedia of Medicine, Surgery, and Specialties.* Philadelphia: F. A. Davis, Co.
- _____, 1953, "Growth and Crises of the Healthy Personality." In Kluckhohn, C., Murray, H. A., and Schneider, D. M. (eds.), *Personality in Nature, Society and Culture.* New York: Knopf.
- Erlenmeyer-Kimling, L., Ranier, J. D., and Kallman, F. J., 1966, "Current Reproductive Trends in Schizophrenia." In Hoch, P. H., and Zubin, J. (eds.), *The Psychopathology of Schizophrenia*. New York: Grune & Stratton.
- Erlenmeyer-Kimling, L., Van Den Bosch, E., and Denham, B., 1969, "The Problem of Birth Order and Schizophrenia: A Negative Conclusion." *British Journal of Psychiatry*, 115:659-678.
- Ervin, F., Epstein, A. W., and King, H. E., 1955, "Behavior of Epileptic and Nonepileptic Patients with 'Temporal Spikes.' " A.M.A. Archives of Neurology and Psychiatry, 75:548.
- Ey, H., 1948, "La Psychiatrie devant le surrealisme." *Evolution Psychiat.*, 3:3-52.
- Ey, H., Bernard, P., and Brisset, C., 1967, Manuel de psychiatrie. Paris: Masson.
- Fairbairn, R., 1952, *Object-Relations Theory of the Personality.* New York: Basic Books.
- Fairweather, G. W. (ed.), 1964, Social Psychology in Treating Mental Illness: An

- Experimental Approach. New York: Wiley.
- Farber, L., 1966, *The Ways of the Will: Essays Toward a Psychology and Psychopathology of the Will.* New York: Basic Books.
- Farina, A., Garmezy, N., and Barry, H., 1963, "Relationship of Marital Status to Incidence and Prognosis of Schizophrenia." *Journal of Abnormal Social Psychology*, 67:624—630.
- Faris, R. E. L., 1955, Social Disorganization. New York: Ronald Press.
- Faris, R. E. L., and Dunham, H. W., 1939, *Mental Disorders in Urban Areas. An Ecological Study of Schizophrenia and Other Psychoses.* Chicago: University of Chicago Press.
- Farrell, M. J., and Vassaf, F., 1940, "Observations on the Effect of Insulin Shock Therapy in Schizophrenia." *Arch. Neurol. Psychiat.*, 43:784.
- Faure, H., 1971, *Les Appartenances du delirant.* 3rd ed. Paris: Presses Universitaires de France.
- Federn, P., 1943, "Psychoanalysis of Psychoses. I. Errors and How to Avoid Them. II. Transference." *Psychiatric Quarterly,* 17:3, 17, 246. Reprinted in Federn, 1952.
- _____, 1947, "Discussion of Rosen's Paper." Psychiatric Quarterly, 21:23-26.
- _____, 1952, *Ego Psychology and the Psychoses.* New York: Basic Books.
- Feigenbaum, D., 1930, "Analysis of a Case of Paranoia Persecutoria. Structure and Cure." *Psychoanalytic Review*, 17:159.

- Feinberg, I., Koresko, R. L., and Gottlieb, F., 1965, "Further Observations on Electrophysiological Sleep Patterns in Schizophrenia." *Compr. Psychiat.*, 6:21-24.
- Feinberg, I., Koresko, R. L., Gottlieb, F., and Wender, P. H., 1964, "Sleep Electroencephalographic and Eye-Movement Patterns in Schizophrenic Patients." *Compr. Psychiat.*, 5:44-53.
- Fenichel, O., 1945, *The Psychoanalytic Theory of Neurosis*. New York: Norton.
- Ferenczi, S., 1950, "Some Clinical Observations on Paranoia and Paraphrenia." In Ferenczi, S., *Sex in Psychoanalysis*. New York: Basic Books.
- Ferraro, A., 1954, "Discussion at the Session of Histopathology of Schizophrenia." In *Proceedings of First International Congress of Neuropathology*. Turin: Rosenberg & Sellier.
- Ferraro, A., Arieti, S., and English, W. H., 1945, "Cerebral Changes in the Course of Pernicious Anemia and Their Relationship to Psychic Symptons." *J. of Neuropath, and Experim. Neur.*, 4:217-239.
- Ferraro, A., and Barrera, S. E., 1932, *Experimental Catalepsy.* Utica, N.Y.: State Hospital Press.
- Ferraro, A., and Jervis, G., 1936, "Pick's Disease. Clinico-pathologic Study with Report of Two Cases." *Archives of Neurology and Psychiatry*, 36:739.
- _____, 1939, "Brain Pathology in Four Cases of Schizophrenia Treated with Insulin." *Psychiatric Quarterly*, 13:419.

- Ferreira, A. J., 1959, "Psychotherapy with Severely Regressed Schizophrenics." *Psychiatric Quarterly*, 33:664-682.
- _____, 1963, "Family Myth and Homeostasis." *Archives of General Psychiatry*, 9:457.
- _____, 1967, "Psychosis and Family Myth." *American Journal of Psychotherapy*, 21:186-197.
- Fessel, W. J., 1962, "Blood Proteins in Functional Psychoses: A Review of the Literature and Unifying Hypothesis." *Archives of General Psychiatry*, 6:132-148.
- Festinger, L., 1957, *A Theory of Cognitive Dissonance.* Stanford, Calif.: Stanford University Press.
- Fiamberti, A. M., 1947, "Indicazioni e tecnica della leucotomia prefrontale transorbitaria." *Rassegne di Neuropsichiatria*, 1:3.
- Fink, M., Simeon, J., Hague, W., and Itil, I., 1966, "Prolonged Adverse Reactions to LSD in Psychotic Subjects." *Archives of General Psychiatry*, 15:450-454.
- Finkelman, I., and Haffron, D., 1937, "Observations on Circulating Blood Volume in Schizophrenia, Manic-Depressive Psychosis, Epilepsy, Involutional Psychosis and Mental Deficiency." *Am. J. Psychiatry*, 93:917.
- Fisher, C., 1954, "Dream and Perception. The Role of Preconscious and Primary Modes of Perception in Dream Formation." *Journal of the American Psychoanalytic Association*, 2:380-445.

- _____, 1960, "Subliminal and Supraliminal Influences on Dreams." *American Journal of Psychiatry*, 116:1009-1017.
- Fisher, C., and Dement, W., 1963, "Studies on the Psychopathology of Sleep and *Dreams." American Journal of Psydhiatry*, 119:1160.
- Fisher, C., and Paul, I. H., 1959, "The Effect of Subliminal Visual Stimulation on Images and Dreams: A Validation Study." *Journal of the American Psychoanalytic Association*, 7:35-83.
- Fleck, S., 1960, "Family Dynamics and Origin in Schizophrenia." *Psychosomatic Medicine*, 22:333-344.
- Forrest, D. V., 1965, "Poiesis and the Language of Schizophrenia." *Psychiatry*, 28:1-18.
- _____, 1968, "The Patient's Sense of the Poem: Affinities and Ambiguities." In Leed (ed.), *Poetry Therapy.* Philadelphia: Lippincott.
- _____, 1969, "New Words and Neologisms with a Thesaurus of Coinages by a Schizophrenic Savant." *Psychiatry*, 32:44-73.
- Foudraine, J., 1961, "Schizophrenia and the Family, a Survey of the Literature 1956-1960 on the Etiology of Schizophrenia." *Acta Psychotherapeutica*, 9:82-110.
- Freeman, H., Hoskins, R. G., and Sleeper, F. H., 1932, "Blood Pressure in Schizophrenia." *Archives of Neurology and Psychiatry*, 27:333.
- Freeman, T., 1951, "Pregnancy as a Precipitant of Mental Illness in Men." British Journal of Med. Psychol., 24:49-54.

- Freeman, T. (ed.), 1966, *Studies in Psychosis*. New York: International Universities Press.
- Freeman, W., 1949, "Transorbital Leucotomy: The Deep Frontal Cut." In *Proceedings of the Royal Society of Medicine*, 47:8.
- Freeman, W., and Watts, J. W., 1942, Psychosurgery. Springfield, 111.: Thomas.
- Freud, S., 1894, "The Defence Neuro-Psychoses." *Neurologisches Zentralblatt,* vols. 10, 11. Reprinted in *Collected Papers,* vol. 1, pp. 59-75.
- ______, 1896, "Further Remarks on the Defence Neuro-Psychoses." Neurologisches Zentralblatt, October 1896, No. 10. Reprinted in Collected Papers, vol. 1, pp. 155-182.
- _____, 1901, *The Interpretation of Dreams.* New York: Basic Books, 1960.
- _____, 1904, "On Psychotherapy." *Collected Papers*, vol. 1. London: Hogarth Press, 1946.
- ______, 1911, "Psycho-Analytic Notes upon an Autobiographical Account of a Case of Paranoia (Dementia Paranoides)." *Jahrbuch fur psychoanalytische undpsychopathologische Forschungen,* vol. 3, 1911. Reprinted in *Collected Papers*, vol. 3, pp. 387—470.
- ______, 1914. "On Narcissism: An Introduction." *Jahrbuch,* vol. 4, 1914. Reprinted in *Collected Papers,* vol. 4, pp. 30-59.
- _____, 1923, *The Ego and the Id. Standard Edition,* vol. 19, pp. 12-63. London: Hogarth. New York: Macmillan. First published as *Das Ich und das Es.*

, 1924a, "Neurosis and Psychosis." <i>Zeitschrift,</i> vol. 4. Reprinted in <i>Collected Papers,</i> vol. 2, pp. 250-254.
, 1924 <i>b</i> , "The Loss of Reality in Neurosis and Psychosis." In <i>Collected Papers</i> , vol. 2, pp. 277-282.
, 1931, "Female Sexuality." In <i>Collected Papers</i> , vol. 5, pp. 252-272. New York: Basic Books, 1959.
, 1937, "Constructions in Analysis." Reprinted in <i>Collected Papers</i> , vol. 5, p. 358. London: Hogarth.
, 1938a, "Psychopathology of Everyday Life." In Brill, A. A. (ed.), <i>The Basic Writings of Sigmund Freud</i> , pp. 33-178. New York: modern Library.
, 1938b, <i>A General Introduction to Psychoanalysis.</i> New York: Garden City Publishing Co.
, 1940, "An Outline of Psychoanalysis." <i>Standard Edition,</i> vol. 23, pp. 141-208. London: Hogarth. New York: Macmillan. First published as "Abriss der Psychoanalyse."
, 1946, <i>Collected Papers</i> , vols. 1-5. New York, London, Vienna: The International Psychoanalytical Press.
Friedhoff, A. J., and Van Winkle, E., 1967, "New Developments in the Investigation of the Relationship of 3,4-dimethoxyphenylethylamine to Schizophrenia." In Himwich, H. E.,

Kety, S. S., and Smythies, J. R. (eds.), Amines and Schizophrenia.

Oxford: Pergamon Press.

- Frohman, C. E., and Gottlieb, J. S., 1974, "The Biochemistry of Schizophrenia." In Arieti, S. (ed.), *American Handbook of Psychiatry,* (2nd ed.), vol. 3. New York: Basic Books.
- Fromm-Reichmann, F., 1939, "Transference Problems in Schizophrenia." *The Psychoanalytic Quarterly*, 8:412.
- ______, 1942, "A Preliminary Note on the Emotional Significance of Stereotypes in Schizophrenics." *Bulletin of the Forest Sanitarium,* 1:17-21. Reprinted in Bullard, 1959.
- _____, 1948, "Notes on the Development of Treatment of Schizophrenia by Psychoanalytic Psychotherapy." *Psychiatry*, 11:263-273.
- _____, 1950, *Principles of Intensive Psychotherapy.* Chicago: University of Chicago Press.
- ______, 1952, "Some Aspects of Psychoanalytic Psychotherapy with Schizophrenics." In Brody, E. B., and Redlich, R. C., *Psychotherapy with Schizophrenics*. New York: International Universities Press.
- _____, 1954, "Psychotherapy of Schizophrenia." *American Journal of Psychiatry,* 111:410.
- ______, 1958, "Basic Problems in the Psychotherapy of Schizophrenia." *Psychiatry*, 21:1.
- Frosch, J., 1964, "The Psychotic Character." *Psychiatric Quarterly*, 38:81-96.
- Fulton, J. F., 1951, Frontal Lobotomy and Affective Behavior. New York: Norton.

- Gabel, J., 1948, "Symbolisme et Schizophrenie," Revue Suisse de Psychologie et de psychologie applique, 7:268.
- _____, 1962, *La Fausse conscience*. Paris: Les Editions de Minuit.
- Gallant, D. M., and Steele, C. A., 1966, "DPN (NAD-oxidized form): A Preliminary Evaluation in Chronic Schizophrenic Patients." Curr. Ther. Res., 8:542.
- Galli, P., 1963, "The Psychotherapist and the Psychotic Family." Unpublished lecture.
- Gelb, A., and Goldstein, K., 1920, Psychologische Analysen hirnpathologischer Falle. Leipzig: Barth.
- Gentili, C., Muscatello, C. F., Ballerini, A., and Agresti, E., 1965, "Psicopatologia del vissuto corporeo nella schizofrenia: studio clinico e fenomenologico dei deliri a tema somatico." *Rivista Sperimentale di Freniatria*, 89:1077-1139.
- Gibbs, F. A., and Gibbs, E. L., 1963, "The Mitten Pattern. An Electroencephalographic Abnormality Correlating with Psychosis." *Journal of Neuropsychiatry*, 5:6-13.
- Giberti, F., De Carolis, V., and Rossi, R., 1961, "La Schizofrenia tardiva." *Sistema Nervoso*, 480-499.
- Glaser, G. H., 1964, "The Problem of Psychosis in Psychomotor Temporal Lobe Epileptics." *Epilepsia*, 5:271-278.
- Globus, J. H., Harreveld, A. Van, and Wiersma, C. A. G., 1943, "The Influence of

- Electric Current Application on the Structure of the Brain of Dogs." *J. Neuropath. & Exper. Neurol.*, 2:263.
- Goffman, E., 1961, Asylums. Essays on the Social Situation of Mental Patients and Other Inmates. Garden City, N.Y.: Doubleday.
- Goldberg, E. M., and Morrison. ST L., 1963, "Schizophrenia and Social Class." *Brit. J. Psychiat.*, 109:785-802.
- Goldfarb, W., 1961, *Childhood Schizophrenia*. Cambridge, Mass.: Commonwealth Fund-Harvard University Press.
- Goldman, A. E., 1960, "Symbolic Representation in Schizophrenia." *Journal of Personality*, 28:293-316.
- Goldstein, K., 1939, *The Organism.* New York: American Book.
- _____, 1943a, "The Significance of Psychological Research in Schizophrenia."

 Journal of Nervous and Mental Disease, 97:261-279.
- _____, 1943b, "Some Remarks on Russel Brain's Articles Concerning Visual Object Agnosia." *Journal of Nervous and Mental Disease*, 98:148-153.
- _____, 1959, "The Organismic Approach." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 2, pp. 1333-1347. New York: Basic Books.
- Goldstein, K., and Gelb, A., 1920, *Psychologische Analyse hirnpathologischer Falle*, vol. 1, pp. 1-43. Leipzig: Barth.
- Gondor, L., 1963, "The Fantasy of Utopia." American Journal of Psychotherapy,

17:606-618.

- Gordon, H. L., 1948, "Fifty Shock Therapy Theories." *The Military Surgeon*, 103:397-401.
- Gomall, A. G., Eglitis, B., Miller, A., Stokes, A. B., and Dewan, J. G., 1953, "Long-Term Clinical and Metabolic Observations in Periodic Catatonia. An Application of the Kinetic Method of Research in Three Schizophrenic Patients." *American Journal of Psychiatry*, 109:584-594.
- Gottesman, I. I., and Shields, J., 1966, "Contributions of Twin Studies to Perspectives on Schizophrenia." In Maher, B. A. (ed.), *Progress in Experimental Personality Research 3.* New York: Academy Press.
- Gottlieb, J. S., 1936, "Relationship of the Systolic to the Diastolic Blood Pressure in Schizophrenia. The Effect of Environmental Temperature." *Archives of Neurology and Psychiatry*, 35:1256.
- Graetz, B., Reiss, M., and Waldon, G., 1954, "Benzoic Acid Detoxication in Schizophrenic Patients." *J. Ment. Science*, 100:145-148.
- Gralnick, A., 1942, "Folie a Deux. The Psychosis of Association." *Psychiatric Quarterly*, 16:230-263, 16:491-520.
- ______, 1962, "Family Psychotherapy: General and Specific Considerations." American J. of Orthopsychiatry, 32:515-526.
- _____, 1969, *The Psychiatric Hospital as a Therapeutic Instrument.* New York: Brunner-Mazel.

- Gralnick, A., and Schween, P. H., 1966, "Family Therapy." *Psychiatric Research Report*, No. 20:212-217.
- Grassi, B., 1961, "Un contributo alio studio della poesia schizofrenica." *Rassegne di Neuropsichiatria*, 15:107-119.
- Green, H. W., 1939, *Persons Admitted to the Cleveland State Hospital, 1928-1937.* Cleveland: Cleveland Health Council.
- Greenblatt, M., and Solomon, H. C., 1953, Frontal Lobes and Schizophrenia.

 New York: Springer.
- Greene, M. A., 1962, "The Stormy Personality." *Psychoanalysis and Psychoanalytic Review*, 49:55-67.
- Greenson, R., 1974, "The Theory of Psychoanalytic Technique." In Arieti, S. (ed.), *American Handbook of Psychiatry*, 2nd ed., vol. 1. New York: Basic Books.
- Greiner, A. C., and Berry, K., 1964, "Skin Pigmentation and Comeal Lens Opacities with Prolonged Chlorpromazine Therapy." *Canadian Medical Association Journal*, 90:663-664.
- Grinspoon, L., Ewalt, J., and Shader, R., 1967, "Long-Term Treatment of Chronic Schizophrenia." *International Journal of Psychiatry*, 4:116-128.
- Grosz, H. J., and Miller, I., 1958, "Siblings Patterns in Schizophrenia." *Science*, 128:30.
- Guntrip, H., 1961, Personality Structure and Human Interaction. New York:

International Universities Press.

- _____, 1966, "The Object-Relations Theory of W. R. D. Fairbairn." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 3., pp. 230-235. York: Basic Books.
- ______, 1968, *Schizoid Phenomena, Object Relations and the Self.* New York: International Universities Press.
- _____, 1973, "Science, Psychodynamic Reality and Autistic Thinking." *Journal of the American Academy of Psychoanalysis*, 1:3-22.
- Gutheil, E. A., 1951, *The Handbook of Dream Analysis*. New York: Liveright.
- Guttmacher, M. S., 1960, *The Mind of the Murderer*. New York: Farrar, Straus and Cudahy.
- Guze, S. B., Goodwin, D. W., and Crane, J. B., 1969, "Criminality and Psychiatric Disorders." *Archives of General Psychiatry*, 20:583-591.
- Haley, J., 1959, "The Family of the Schizophrenic. A Model System." *Journal of Nervous and Mental Disease*, 129:357-374.
- Halevi, H. S., 1963, "Frequency of Mental Illness among Jews in Israel." *Int. J. Soc. Psychiat.*, 9:268-282.
- Hamilton, G. V., 1911, "A Study of Trial and Error Reactions in Mammals." Journal of Animal Behavior, 1:33.
- Hamilton, J. A., 1962, Postpartum Psychiatric Problems. St. Louis: Mosby.

- Hanfmann, E., and Kasanin, J., 1942, *Conceptual Thinking in Schizophrenia*. Nervous and Mental Disease Monographs Series No. 67. New York.
- Hare, E. H., and Price, J. S., 1968, "Mental Disorder and Season of Birth: Comparison of Psychoses with Neurosis." *British Journal of Psychiatry*, 115:533-540.
- Harlow, H. F., Wehling, H., and Maslow, A. H., 1932, "Comparative Behavior of Primates: Delayed Reaction Tests on Primates." *J. Comp. Psychol.*, 13:13.
- Harrow, M., Tucker, G. J., and Bromet, E., 1969, "Short-Term Prognosis of Schizophrenic Patients." *Archives of General Psychiatry*, 21:195-202.
- Hartmann, H., 1950a, "Psychoanalysis and Development Psychology." In *The Psychoanalytic Study of the child,* vol. 5. New York: International Universities Press.
- ______, 1950b, "Comments on the Psychoanalytic Theory of the Ego." In *The Psychoanalytic Study of the Child,* vol. 5. New York: International Universities Press.
- _____, 1953, "Contribution to the Metapsychology of Schizophrenia." In *The Psychoanalytic Study of the Child,* vol. 8, pp. 177-198. New York: International Universities Press.
- _____, 1956, "Notes on the Reality Principle." In *The Psychoanalytic Study of the Child*, vol. 11, p. 31. New York: International Universities Press.
- _____, 1964, Essays on Ego Psychology. New York: International Universities

Press.

- Hartmann, H., Kris, E., and Loewenstein, R. M., 1945, "Comments on the Formation of Psychic Structure." In *The Psychoanalytic Study of the Child*, vol. 2, p. 11. New York: International Universities Press.
- Hauptmann, A., and Myerson, A., 1948, "Studies of Finger Capillaries in Schizophrenic and Manic-Depressive Psychoses." *Journal of Nervous and Mental Disease*, 108:91-108.
- Head, H., 1920, Studies in Neurology. London: Oxford.
- _____, 1926, Aphasia and Kindred Disorders of Speech. New York: Macmillan.
- Heath, R. G., 1957, "Effect on Behavior in Humans with the Administration of Taraxein." *Am. J. Psychiatry*, 114:14-24.
- _____, 1963, Serological Fractions in Schizophrenia. New York: Hoeber.
- Heath, R. G., and Krupp, I. M., 1967, "Schizophrenia as an Immunologic Disorder." *Archives of General Psychiatry*, 16:1-33.
- Heath, R. G., Martens, S., Leach, B. E., Cohen, M., and Feigley, C. A., 1958, "Behavioral Changes in Nonpsychotic Volunteers following the Administration of Taraxein, the Substance Obtained from the Serum of Schizophrenic Patients." *American Journal of Psychiatry*, 114:917-920.
- Hebb, D. O., 1954, "The Problems of Consciousness and Introspection." In Delafresnaye, J. F. (ed.), *Brain Mechanisms and Consciousness*. Springfield, Ill.: Thomas.

- Hemphill, R. E., 1944. "Significance of Atrophy of Testis in Schizophrenia."/. *Ment. Sci.*, 90:696.
- _____, 1951, "A Case of Genital Self-Mutilation." *British Journal of Med. Psychol.*, 24:291.
- Hemphill, R. E., Reiss, M., and Taylor, A. L., 1944, "A Study of the Histology of the Testis in Schizophrenia and Other Mental Disorders." *J. Ment. Sci.*, 90:681.
- Henderson, D. K., and Gillespie, R. D., 1941, *A Text-Book of Psychiatry.* 5th ed. New York: Oxford University Press.
- Henderson, J. L., and Wheelwright, J. B., 1974, "Analytical Psy." In Arieti, S. (ed.), *American Handbook of Psychiatry*, (2nd ed.), vol. 1. New York: Basic Books.
- Henle, M., 1962, "On the Relation between Logic and Thinking." *Psychological Review*, 69:366-378.
- Heron, W., Bexton, W. H., and Hebb, D. O., 1953, "Cognitive Effects of Decreased Variation in the Sensory Environment." *Amer. Psychol.*, 8:366.
- Heron, W., Doane, B. K., and Scott, T. H., 1956, "Visual Disturbances after Prolonged Isolation." *Canadian Journal of Psychology*, 10:13.
- Higgins, J., 1964, "The Concept of Process-reactive Schizophrenia: Criteria and Related Research." *J. Nerv. Ment. Dis.*, 138:9025.
- _____, 1969, "Process-Reactive Schizophrenia." Journal of Nervous and Mental

- Disease, 149:350-472.
- Hill, D., 1957, "Electroencephalogram in Schizophrenia." In Richter, D., *Schizophrenia*. New York: Macmillan.
- Hill, L. B., *Psychotherapeutic Intervention in Schizophrenia*. Chicago: University of Chicago Press, 1955.
- Himwich, H. E., Kety, S. S., and Smythies, J. R. (eds.), 1966, *Amine Metabolism in Schizophrenia*. Oxford: Pergamon.
- Hinsie, L. E., 1930, *The Treatment of Schizophrenia*. Baltimore: Williams and Wilkins.
- Hinsie, L. E., and Campbell, R. J., 1960, *Psychiatric Dictionary*. New York: Oxford University Press.
- Hinsie, L. E., and Shatzky, J., 1950, *Psychiatric Dictionary*. New York: Oxford University Press.
- Hoch, P., 1955, "The Effect of Chlorpromazine on Moderate and Mild Mental Emotional Disturbance." In *Chlorpromazine and Mental Health*. New York: Lea Febiger.
- Hoch, P., and Polatin, P., 1949, "Pseudoneurotic Forms of Schizophrenia." *Psychiatric Quarterly*, 23:248-276.
- Hoch, P., and Zubin, J., 1966, *Psychopathology of Schizophrenia*. New York: Grune & Stratton.
- Hoedemaker, F. S., 1970, "Psychotic Episodes and Postpsychotic Depression

- in Young Adults." *American Journal of Psychiatry*, 127:606-610.
- Hoffer, A., 1966, "The Effects of Nicotinic Acid on the Frequency and Duration of Re-Hospitalization of Schizophrenic Patients; A Controlled Comparison Study." *International Journal of Neuropsychiatry*, 2:334.
- ______, 1971, "Megavitamin B3 Therapy for Schizophrenia." *Canadian Psychiatric Association Journal*, 16:499.
- Hoffer, A., and Osmond, H., 1964, "Treatment of Schizophrenic with Nicotinic Acid. A Ten-Year Follow-Up." *Acta Psychiat. Scand.*, 40:171.
- Hoffer, A., Osmond, H., Callbeck. M. J., and Kahan, I., 1957, "Treatment of Schizophrenia with Nicotinic Acid and Nicotinamide." *J. Clin. Exp. Psychopathol.*, 18:131-158.
- Hoffer, A., Osmond, H., and Smythies, J., 1954, "Schizophrenia: A New Approach." J. Ment. Sci., 100:29-54.
- Hollingshead, A. B., and Redlich, F. C., 1954, "Schizophrenia and Social Structure." *American Journal of Psychiatry*, 110:695-701.
- _____, 1958, Social Class and Mental Illness. New York: Wiley.
- Hollister, L. E., 1968, *Chemical Psychoses LSD and Related Drugs*. Springfield, Ill.: Thomas.
- Horney, K., 1937, *The Neurotic Personality of Our Time.* New York: Norton.
- ____, 1945, Our Inner Conflicts. New York: Norton.

- _____, 1950, Neurosis and Human Growth. New York: Norton.
- Horwitt, M. K., 1956, "Fact and Artifact in the Biology of Schizophrenia." *Science*, 124:429.
- Horwitz, W. A., Polatin, P. Kolb, L. C., and Hoch, P. H., 1958, "A Study of Cases of Schizophrenia Treated by 'Direct Analysis.' " Am. J. Psychiat., 114:780.
- Hoskins, R. G., 1932, "Oxygen Consumption (Basal Metabolic Rate) in Schizophrenia. II. Distributions in Two Hundred and Fourteen Cases." *Archives of Neurology and Psychiatry*, 28:1346.
- _____, 1937, "Oxygen Metabolism in Schizophrenia." *Archives of Neurology and Psychiatry*, 38:1261.
- _____, 1946, *The Biology of Schizophrenia*. New York: Norton.
- Huizinga, J., 1924, *The Waning of the Middle Ages.* Garden City, N.Y.: Doubleday, 1956.
- Hunt, R. C., 1958, "Ingredient of a Rehabilitation Program." In *An Approach to the Prevention of Disability from Chronic Psychoses.* New York: Milbank Memorial Fund.
- Hunter, W. S., 1913, "The Delayed Reaction in Animals and Children." *Behavior Monographs*, 2:86.
- Igert, C., and Lairy, G. C., 1962, "Prognostic Value of EEG in the Development of Schizophrenics." *Electroenceph. Clin. Neurophysiol.*, 14:183-190.

- Itil, T. M., 1973, "Drug Treatment of Therapy-Resistant Schizophrenic Patients." In Arieti, S. (ed.), *The World Biennial of Psychiatry and Psychotherapy*, vol. 2, pp. 246-264. New York: Basic Books.
- Ivanov-Smolenskij, A., 1934, "The Various Forms and the Neurodynamics of Catatonic Stupor." *Archives of Biological Sciences*, 36:85-106. Originally published in Russian.
- Jackson, A. P. Comments in Whitaker, C. A., *Psychotherapy of Chronic Schizophrenic Patients*. Boston: Little, Brown, 1958.
- Jackson, D. D., 1960, The Etiology of Schizophrenia. New York: Basic Books.
- _____, 1967a, "The Transactional Viewpoint." *International Journal of Psychiatry*, 4:453.
- ______, 1967*b*, "Schizophrenia. The Nosological Nexus." In Romano, J., *The Origins of Schizophrenia*. Amsterdam: Excerpta Medica Foundation. 1968.
- Jackson, J. H., 1932, *Selected Writings*. London: Hodder and Stoughton. Reprinted by Basic Books, New York, 1958.
- Jacobi, J., 1943, *The Psychology of Jung.* New Haven, Conn.: Yale University Press.
- Jacobson, E., 1967, *Psychotic Conflict and Reality.* New York: International Universities Press.
- James, W., 1950, Principles of Psychology. New York: Dover Publications, Inc.

- Jamieson, G. R., 1936, "Suicide and Mental Disease." *Archives of Neurology and Psychiatry*, 36:1.
- Janzarik, W., 1957, "Zur Problematik Schizophrener Psychosen im Hoheren Lebensalter." *Nervenarzt*, 28:535.
- Jaspers, K., 1946, *General Psychopathology*. Reprinted in English by University of Chicago Press, Chicago, 1964.
- Johanson, E., 1964, "Mild Paranoia. Description and Analysis of Fifty-Two In-Patients from an Open Department for Mental Diseases." *Acta Psychiatrica Scandinavica Supplement 177*, pp. 1-100.
- Johnson, A. M., Giffin, M. E., Watson, E. J., and Beckett, P. G. S., 1956, "Studies in Schizophrenia at the Mayo Clinic. II. Observations on Ego Functions in Schizophrenia." *Psychiatry*, 19:143-148.
- Jones, E., 1938, Papers on Psycho-Analysis. Baltimore: Wood.
- Jones, J., 1953, *The Therapeutic Community: A New Treatment Method in Psychiatry.* New York: Basic Books.
- Josephy, H., 1930, "Dementia Praecox (Schizophrenic)." In Bumke, O., *Handbuch der Geisteskrankheiten.* Berlin: Springer.
- Jung, C. G., 1910, "The Association Method." *American Journal of Psychology*, 21:219-269.
- _____, 1917, "The Content of the Psychoses." In *Collected Papers on Analytical Psychology.* London: Tindall & Cox, 1917.

, 1918, Studies in Word Association. London: Heinemann.
, 1920, "A Contribution to the Study of Psychological Types." In <i>Collected Papers on Analytical Psychology.</i> London: Bailliere, Tindall & Cox.
, 1921, <i>Psychology of the Unconscious.</i> Translated by B. M. Hinkle. New York: Moffat, Yard.
, 1933, <i>Psychological Types</i> . New York: Harcourt, Brace.
, 1936 (originally 1903), <i>The Psychology of Dementia Praecox</i> . Nervous and Mental Disease Monograph Series No. 3. New York.
, 1939, "On the Psychogenesis of Schizophrenia." Lecture given at the Section of Psychiatry of the Royal Society of Medicine, London, 1939. <i>Journal of Mental Science</i> .
, 1959, "The Archetypes and the Collective Unconscious." In Jung, C. G., Collected Works. New York: Pantheon.
Jung, R., and Carmichael, E. A., 1937, "Uber Vasomotorische Reaktionen und Warmerregulation im Katatonischin Stupor." <i>Arch. f. Psychiat.</i> 107:330.
Kagan, J., 1972, "Do Infants Think?" Scientific American, 226(3):74-83.
Kahlbaum, K. L., 1863, <i>Gruppierung der Psychischen Krankheiten</i> . Danzig Kafemann.
, 1874, Die Katatonic oder das Spannungsirresein. Berlin: Hirschwald.

- Kalinowsky, L. B., 1945, "Organic Psychotic Syndromes Occurring During Electric Convulsive Therapy." *Archives of Neurology and Psychiatry*, 53:269.
- Kalinowsky, L. B., and Hippius, H., 1969, *Pharmacological, Convulsive and Other Somatic Treatments in Psychiatry*. New York: Grune & Stratton.
- Kallmann, F. J., 1938, *The Genetics of Schizophrenia*. Locust Valley, N.Y.: August.
- ____, 1953, Heredity in Health and Mental Disorder. New York: Norton.
- _____, 1959, "The Genetics of Mental Illness." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 1, pp. 175-196. New York: Basic Books.
- Kallmann, F. J., and Barrera, E., 1941, "The Heredo-Constitutional Mechanisms of Predisposition and Resistance to Schizophrenia." *American Journal of Psychiatry*, 98:544.
- Kanner, L., 1942, Child Psychiatry. Springfield: Thomas.
- _____, 1944, "Early Infantile Autism." J. Pediat., 25:211.
- _____, 1946, "Irrelevant and Metaphorical Language in Early Infantile Autism." Am. J. Psychiat., 103:242.
- _____, 1965, "Infantile Autism and the Schizophrenias." *Behavioral Science*, 10:412-420.
- Kantor, D., and Gelineau, V. A., 1969, "Making Chronic Schizophrenics." Mental

- Hygiene, 53:54-66.
- Kantor, R. E., and Herron, W. G., 1966, *Reactive and Process Schizophrenia*. Palo Alto, Calif.: Science and Behavior Books.
- Kaplan, A. R., 1972, *Genetic Factors in "Schizophrenia."* Springfield, Ill.: Thomas.
- Kaplan, A. R., and Cotton, J. E., 1968, "Chromosomal Abnormalities in Female Schizophrenics." *Journal of Mental and Nervous Disease*, 147:402-117.
- Kaplan, E. H., and Blackman, L. H., 1969, "The Husband's Role in Psychiatric Illness Associated with Childbearing." *Psychiatric Quarterly*, 43:396-409.
- Karlsson, J. L., 1966, *The Biologic Basis of Schizophrenia*. Springfield, Ill.: Thomas.
- Karpov, P. I., 1926. Quoted by Volmat, 1955.
- Kasanin, J. S., 1933, "The Acute Schizoaffective Psychosis." *American Journal of Psychiatry*, 90:97-126.
- ____(ed.), 1944 a, Language and Thought in Schizophrenia: Collected Papers.

 Berkeley: University of California Press.
- ______, 19446, "The Disturbance of Conceptual Thinking in Schizophrenia." In Kasanin, J. S. (ed.), *Language and Thought in Schizophrenia: Collected Papers*, pp. 41-49. Berkeley: University of California Press.

- ______, 1945, "Developmental Roots of Schizophrenia." *American Journal of Psychiatry*, 101:770.
- Kay, D. W. K., and Roth, M., 1961, "Environmental and Hereditary Factors in the Schizophrenia of Old Age (Late Paraphrenia) and Their Bearing on the General Problem of Causation in Schizophrenia." *Journal Ment. Sci.*, 107:649-686.
- Keller. H., 1951, The Story of My Life. New York: Doubleday.
- Kellogg, W. N., and Kellogg, L. A., 1933, *The Ape and the Child.* New York: McGraw-Hill. Quoted by Langer (1942), *Philosophy in a New Key.* Cambridge, Mass.: Harvard University Press.
- Kelman, H., 1973, "Chronic Analysts and Chronic Patients: The Therapist's Person as Instrument." *Journal of the American Academy of Psychoanalysis*, 1:193-207.
- Kelsen, H., 1943, *Society and Nature: A Sociological Inquiry.* Chicago: University of Chicago Press.
- Kety, S. S., 1959, "Biochemical Theories of Schizophrenia. A Two-Part Critical Review of Current Theories and of the Evidence Used to Support Them." *Science*, 129:1528-1532, 1590-1596.
- _____, 1966, "Current Biochemical Research in Schizophrenia." In Hoch, P. H., and Zubin, J., *Psychopathology of Schizophrenia*. New York: Grune & Stratton.
- _____, 1969, "Biochemical Hypotheses and Studies." In Beliak, L., and Loeb, L. (eds.), *The Schizophrenic Syndrome*. New York: Grune & Stratton.

- _____, 1972, "Progress in the Psychobiology of Schizophrenia: Implications for Treatment." Paper presented at a Symposium on "Treatment of Schizophrenia. Progress and Prospects," March 18, 1972. The Neuropsychiatric Institute, UCLA.
- Kiev, A., 1961, "Spirit Possession in Haiti." *American Journal of Psychiatry*, 118:133-141.
- ______, 1969, "Transcultural Psychiatry: Research Problems and Perspectives."

 In Plog, S. C., and Edgerton, R. B. (eds.), *Changing Perspectives in Mental Illness*. New York: Holt, Rinehart & Winston.
- Kimmins, C. W., 1937, Children's Dreams. London: Allen and Unwin.
- Kinsboume, M., and Warrington, E., 1963, "Jargon Aphasia." *Neuropsychologia*, 1:27-37.
- Klein, H. R., and Horwitz, W. A., 1949, "Psychosexual Factors in the Paranoid Phenomena." *American Journal of Psychiatry*, 105:697.
- Klein, M., 1948, Contributions to Psycho-Analysis. London: Hogarth.
- Kline, N. A., 1956, "Clinical Applications of Reserpine." In Kline, N. *S., Psychopharmacology,* No. 42 of the American Association for the Advancement of Science, Washington, D. C.
- Kline, N. S., and Tenney, A. M., 1950, "Constitutional Factors in the Prognosis of Schizophrenia." 107:434.
- Klippel, R., and Lhermitte, J., 1906, "Ruckenmarkslasion bei Dementia Praecox." *Neurolog. Zentralbl.*, 25:735.

Klüver, H., 1933, Behavior Mechanisms in Monkeys. Chicago: University of Chicago Press. _____, 1936, "The Study of Personality and the Method of Equivalent and Non-Equivalent Stimuli." *Character and Personality*, 5:91-112. Klüver, H., and Bucy, P. C., 1937, "'Psychic Blindness' and Other Symptoms Following Bilateral Temporal Lobectomy in Rhesus Monkeys." American Journal of Physiology, 119:352. _____, 1938, "An Analysis of Certain Effects of Bilateral Temporal Lobectomy in the Rhesus Monkey with Special Reference to 'Psychic Blindness.' " *Journal of Psychology*, 5:33. _____, 1939, "Preliminary Analysis of Functions of the Temporal Lobes in Monkeys." Archives of Neurology and Psychiatry, 42:972. Kohler, W., 1925, The Mentality of Apes. New York: Harcourt, Brace. Kolb, L. C., 1959a, "Disturbances of the Body-Image." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 1, pp. 749-769. New York: Basic Books. _____, 1959b, "The Body Image in the Schizophrenic Reaction." In Auerback, A. (ed.), Schizophrenia. An Integrated Approach. New York: Ronald Press. _____, 1968, Noyes' Modern Clinical Psychiatry. 7th ed. Philadelphia: Saunders. Koller, S., 1957. Quoted by Roth, M., "Interaction of Genetic and Environmental Factors in Causation of Schizophrenia." In Richter,

- D. (ed.), Schizophrenia: Somatic Aspects. New York: Macmillan.
- Kopeloff, L. M., and Fischel, E., 1963, "Serum Levels of Bactericidin and Globulin in Schizophrenia." *Archives of General Psychiatry*, 9:524-528.
- Korzybski, A., 1933, Science and Sanity: An Introduction to Non-Aristotelian Systems and General Semantics. International Nonaristotelian Library Publishing Co.
- Kraepelin, E., 1919, *Dementia Praecox and Paraphrenia*. From 8th German ed. Edinburgh: Livingston.
- Kraft, A. M., 1966, "The Therapeutic Community." In Arieti, S. (ed.), *American Handbook of Psychiatry*, First Ed., vol. 3, pp. 542-551. New York: Basic Books.
- Kraft, D. P., and Babigian, H. M., 1972, "Somatic Delusion or Self-Mutilation in a Schizophrenic Woman: A Psychiatric Emergency Room Case Report." American Journal of Psychiatry, 128:893-895.
- Kramer, B., 1962, *Day Hospital*. New York: Grune & Stratton.
- Kretschmer, E., 1925, *Physique and Character*. New York: Harcourt, Brace.
- _____, 1934, *A Text-Book of Medical Psychology.* London: Oxford University Press.
- Kreig, W. J. S., 1947, Functional Neuroanatomy. Philadelphia: Blakiston.
- Kringlen, E., 1967, Heredity and Environment in the Functional Psychoses: An

- Epidemiological-Clinical Twin Study. London: Heinermann.
- ______, 1968, "An Epidemiological-Clinical Twin Study on Schizophrenia." In Rosenthal, S., and Kety, S. S., 1968. *The Transmission of Schizophrenia*. New York: Pergamon Press.
- Kris, E. B., and Carmichael, D. M., 1957, "Follow-up Study on Thorazine Treated Patients." *American Journal of Psychiatry*, 114:449.
- ______, 1970, "New Studies on the Genetics of Schizophrenia. In Arieti, S. (si.), The World Biennial of Psychiatry and Psychotherapy, vol. 1, pp. 476-504. New York: Basic Books.
- Kubie, L. S., 1971, "Multiple Fallacies in the Concept of Schizophrenia." *Journal of Nervous and Mental Disease*, 153:331-342.
- Laing, R. D., 1960, The Divided Self. London: Tavistock.
- _____, 1967, The Politics of Experience. New York: Pantheon Books.
- Laing, R. D., and Esterson, A., *Sanity, Madness and the Family.* Vol. 1, *Families of Schizophrenics*. New York: Basic Books, 1965.
- Landis, C., and Page, J. D., 1938, *Society and Mental Disease*. New York: Rinehart.
- Landolt, H., 1957, "Elektroenzephalografische Untersuchungen bei nicht Katatonen Schizophrenien. Eine Vorlanfige Mitteilung." Schweiz. Z. Psychol., 16:26-30.
- Langer, S. K., 1942, Philosophy in a New Key. Cambridge, Mass.: Harvard

University Press.

- _____, 1949, "On Cassirer's Theory of Language and Myth." In *The Philosophy of Ernst Cassirer*. Evanston, Ill.: Library of Living Philosophers.
- Langfeldt, G., 1939, *The Schizophreniform States*. London: Oxford University Press.
- _____, 1969, "Schizophrenia: Diagnosis and Prognosis." *Behavioral Science,* 14.
- Laqueur, H. P., and La Burt, H. A., 1960, "Coma Therapy with Multiple Insuline Doses." *Journal of Neuropsychiatry*, 1:135.
- Laubscher, B. J. F., 1937, Sex, Custom and Psychopathology. London: Routledge.
- Layman, W. A., and Cohen, L., 1957, "Modem Concept of Folie a Deux." *Journal of Nervous and Mental Disease*, 125:412^19.
- Lefebure, P., Atkins, J., Duckman, J., and Gralnick, A., 1958, "The Role of the Relative in a Psychotherapeutic Program: Anxiety Problems and Defensive Reactions Encountered." *Canadian Psychiatric Association Journal*, 3:110-118.
- Lehmann, H. E., 1965, "Drug Treatment of Schizophrenia." In Kline, N. S., and Lehmann, H. E. (eds.), *Psychopharmacology*. International Psychiatric Clinics, Vol. 2, No. 4, October 1965. Boston: Little, Brown.
- _____, 1974, "Physical Therapies of Schizophrenia." In Arieti, S. (ed.), *American Handbook of Psychiatry,* Second Edition, vol. 3. New York: Basic Books.

- Lehmann, H. E., and Knight, D. A., 1958, "Psychophysiologic Testing with a New Phrenotropic Drug." In *Trifluoperazine*. Philadelphia: Lea and Febiger.
- Lehrman, N. S., 1961, "Do Our Hospitals Help Make Acute Schizophrenia Chronic?" *Diseases of the Nervous System*, 22:1-5.
- Lelut, 1846, L'Amulette de Pascal; pour servir a l'histoire des hallucinations. Quoted by Morgue, 1932.
- Lemere, F., 1936, "The Significance of Individual Differences in the Berger Rhythm." *Brain*, 59:366-375.
- Lemkau, P. V., and Crocetti, G. M., 1957, "Vital Statistics of Schizophrenia." In Beliak, L., *Schizophrenia, A Review of the Syndrome.* New York: Logos Press.
- Levin, M., 1932, "Auditory Hallucinations in 'Non-Psychotic' Children." American Journal of Psychiatry, 11:1119-1152.
- _____, 1938a, "Misunderstanding of the Pathogenesis of Schizophrenia, Arising from the Concept of 'Splitting,' " *American Journal of Psychiatry*, 94:877.
- _____, 19386, "On the Causation of Mental Symptoms." *Journal Ment. Sci.*, 82.
- Levy, S., 1966, "The Hyperkinetic Child—A Forgotten Entity. Its Diagnosis and Treatment." *International Journal of Neuropsychiatry*, 2:330-336.
- Levy-Bruhl, L., 1910, Les Fonctions mentales dans les societes inferieures. Paris: Alcan.

, 1922, La Mentalite primitive. Paris: Alcan.
Lewis, N. D. C., 1923, <i>The Constitutional Factors in Dementia Praecox.</i> New York and Washington: Nervous and Mental Disease Publishing Company.
, 1925, "The Practical Value of Graphic Art in Personality Studies. 1) An Introductory Presentation of the Possibilities." <i>Psychoanalytic Review</i> , 12:316-322.
, 1928, "Graphic Art Productions in Schizophrenia." <i>Proc. A. Research Nerv. & Ment. Dis.</i> , 5:344-368.
, 1933, 1934, "Studies on Suicide." <i>Psychoanalytic Review,</i> 20:241, 21:146.
, 1936, <i>Research in Dementia Praecox</i> . New York: The National Committee for Mental Hygiene.
, 1944. Unpublished lecture, Inter-State Hospital Meeting, October 1944, New York.
Lidz, T., 1952, "Some Remarks Concerning the Differentiation of Organic from So-called 'Functional' Psychoses." In <i>The Biology of Mental Health and Disease.</i> New York: Hoeber.
, 1969, "The Influence of Family Studies on the Treatment of Schizophrenia." <i>Psychiatry</i> , 32:237-251.
, 1973, The Origin and Treatment of Schizophrenic Disorders. New York: Basic Books.

- Lidz, T., Comelison, A. R., Fleck, S., and Tenry, D., 1957a, "The Intrafamilial Environment of Schizophrenic Patients: II. Marital Schism and Marital Skew." *American Journal of Psychiatry*, 114:241.
- _____, 19576, "The Intrafamilial Environment of the Schizophrenic Patient: The Father." *Psychiatry*, 20:329.
- Lidz, T., Comelison, A., Terry, D., and Fleck, S., 1958, "Intrafamilial Environment of the Schizophrenic Patient: The Transmission of Irrationality." *A.M.A. Archives of Neurology and Psychiatry*, 79:305.
- Lidz, T., and Fleck. S., 1964, "Family Studies and a Theory of Schizophrenia."

 Paper presented at 1964 Annual Meeting of American Psychiatric

 Association. Reprinted in Lidz, Fleck, and Comelison, 1965.
- Lidz, T., Fleck, S., and Comelison, A. R., 1965, *Schizophrenia and the Family*, New York: International Universities Press.
- Lidz, R. W., and Lidz, T., 1952, "Therapeutic Considerations Arising from the Intense Symbiotic Needs of Schizophrenic Patients." In Brody and Redlick, *Psychotherapy with Schizophrenics*. New York: International Universities Press.
- Lidz, T., Parker, B., and Comelison, A. R., "The Role of the Father in the Family Environment of the Schizophrenic Patient." *American Journal of Psychiatry*, 113:126.
- Liebert, R. S., Wapner, S., and Werner, H., 1957, "Studies in the Effects of Lysergic Acid Diethylamide (LSD-25). Visual Perception of Verticality in Schizophrenic and Normal Adults." *Arch. Neurol. Psychiat.*, 77:193-201.

- Lief, A., 1948, *The Commonsense Psychiatry of Dr. Adolf Meyer. Fifty-Two Selected Papers.* New York: McGraw-Hill.
- Lief, H. I., 1957, "The Effects of Taraxein on a Patient in Analysis." *Archives of Neurology and Psychiatry*, 78:624-627.
- Lilly, J. C., 1956, "Mental Effects of Reduction of Ordinary Levels of Physical Stimuli on Intact, Healthy Persons." *Psychiat. Res. Rep.*, 5:1-28.
- Limentani, D., 1956, "Symbiotic Identification in Schizophrenia." *Psychiatry*, 19:231-236.
- Lindegarde, B., 1953, *Variations in Human Body Build*. Copenhagen: Ejnar Munksgard.
- Lindstrom, P. A., 1954, "Prefrontal Ultrasonic Irradiation—A Substitute for Lobotomy." *Archives of Neurology and Psychiatry*, 72:399.
- Linn, L., 1955, *A Handbook of Hospital Psychiatry*. New York: International Universities Press.
- _____, 1959, "Hospital Psychiatry." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 2, pp. 1829-1839. New York: Basic Books.
- ____(ed.), 1961, Frontiers in General Hospital Psychiatry. New York: International Universities Press.
- Livingston, P. B., and Blum, R. A., 1968, "Attention and Speech in Acute Schizophrenia." *Archives of General Psychiatry*, 18:373-381.
- Livingston, R. B., 1955, "Some Brain Stem Mechanisms Relating to

- Psychosomatic Medicine." Psychosomatic Medicine, 17:347.
- ______, 1962, "How Man Looks at His Own Brain: An Adventure Shared by Psychology and Neurophysiology." In Koch, S. (ed.), Psychology: A Study of a Science. Study II, vol. 4, pp. 51-99. New York: McGraw-Hill.
- Locke, B. Z., Kramer, M., and Pasamanick, B., 1960, "Immigration and Insanity." *Public Health Report*, 75:301-306.
- Loeb, C., and Giberti, F., 1957, "Considerazioni cliniche ed elettroencefalografiche a proposito di sindromi psicosiche in suggetti epilettici." Sist. Nerv., 9:219-229.
- Lombroso, C., 1880, "On the Art of the Insane." Later (1888) included as Chapter 2 of *The Man of Genius*. English edition, London: Scott, 1895.
- Lorraine, S., 1972, "The Therapeutic Assistant in Treating the Psychotic Case Report." *International Journal of Psychiatry*, 10:11—22.
- Lovegrove, T. D., and Nicholls, D. M., 1965, "Haptoglobin Subtypes in a Schizophrenic and Control Population." *Journal of Nervous and Mental Disease*, 141:195.
- Lu, Y., 1961, "Mother-Child Role Relations in Schizophrenia." *Psychiatry*, 24:133-142.
- Ludwig, A. M., 1968, "The Influence of Nonspecific Healing Techniques with Chronic Schizophrenics." *American Journal of Psychotherapy*, 22:382-404.

- 1970, "Chronic Schizophrenia: Clinical and Therapeutic Issues." American Journal of Psychotherapy, 24:380-399. _____, 1973, "New Treatment Methods for Chronic Schizophrenics." In Arieti, S. (ed.), The World Biennial of Psychiatry and Psychotherapy, vol. 2, pp. 232-245. New York: Basic Books. Ludwig, A. M., and Farrelly, F., 1966, "The Code of Chronicity." Archives of *General Psychiatry,* 15:562-568. Ludwig, A. M., and Marx, A. J., 1968, "Influencing Techniques on Chronic Schizophrenics." Archives of General Psychiatry, 18:681-688. _____, 1969, "The Buddy Treatment Model for Chronic Schizophrenics." *Journal* of Nervous and Mental Disease, 148:528-541. Ludwig, A. M., Marx, A. J., Hill, P. A., and Hermsmeier, G. I. 1967, "Forced Small Group Responsibility in the Treatment of Chronic Schizophrenics." Psychiatric Quarterly Supplement, 41:262-280. Lukianowicz, N., 1958, "Autoscopic Phenomena." A.M.A. Arch. Neurol. & *Psychiatry*, 80:199.
- Lystad, M. H., 1957, "Social Mobility among Selected Groups of Schizophrenic Patients." *American Sociological Review*, 22:288-292.

_____, 1967, "Body Image Disturbances in Psychiatric Disorders." British

Journal of Psychiatry, 113:31-47.

Maccagnani, G., 1958, "L'Arte psicopatologica." *Rivista Sperimentale di Freniatria*, vol. 82, supplement to No. 2:3-126.

- MacCurdy, G. G., 1926, *Human Origins. A Manual of Prehistory.* New York: Appleton.
- Mackay, R. P., 1954, "Toward a Neurology of Behavior." Neurology, 4:894.
- MacLean, P. D., 1949, "Psychosomatic Disease and the 'Visceral Brain.' Recent Developments Bearing on the Papez Theory of Emotion." *Psychosomatic Medicine*, 11:338.
- Macmillan, D., 1958, "Hospital-Community Relationships." In *An Approach to the Prevention of Disability from Chronic Psychoses.* New York: Milbank Memorial Fund.
- MacNab, F. A., 1966, Estrangement and Relationship. Experience with Schizophrenics. Bloomington, Ind.: University Press.
- Mahler, M. S., 1952, "On Child Psychosis and Schizophrenia: Autistic and Symbiotic Infantile Psychoses." *In The Psychoanalytic Study of the Child*, vol. 7, pp. 286-305. New York: International Universities Press.
- _____, 1958, "Autism and Symbiosis: Two Extreme Disturbances of Identity." International Journal of Psycho-Analysis, 39:77-83.
- _____, 1968, On Human Symbiosis and the Vicissitudes of Individuation. Vol. I,
 Infantile Psychosis. New York: International Universities Press.
- Mahler, M. S., Furer, M., and Settlage, C. F., 1959, "Severe Emotional Disturbances in Childhood: Psychosis." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 1, pp. 816-839. New York: Basic Books.

- Mahler, M., Ross, J. R., Jr., De Fries, Z., 1949, "Clinical Studies in Benign and Malignant Cases of Childhood Psychosis (Schizophrenic-like)." American Journal of Orthopsychiatry, 19:295-305.
- Malmo, R. B., 1942, "Interference Factors in Delayed Response in Monkeys after Removal of Frontal Lobes." *Journal of Neurophysiology*, 5:295.
- Malzberg, B., 1940, *Social and Biological Aspects of Mental Disease.* Utica, N.Y. State Hospitals Press.
- _____, 1956, "Mental Disease Among Puerto Ricans in New York City." *Journal of Nervous and Mental Disease*, 123:262-269.
- _____, 1959a, "Statistical Data for the Study of Mental Disease among Negroes in New York State." Albany Research Foundation for Mental Hygiene and New York State Department of Mental Hygiene.
- ______, 1959b, "Important Statistical Data About Mental Illness." In Arieti, S. (ed.), *American Handbook of Psychiatry,* First Edition, vol. 1, pp. 161-174. New York: Basic Books.
- _____, 1962, "Migration and Mental Disease among the White Population of New York State: 1949-1951." *Hum. Bio.*, 34:89-98.
- Mann, J., Menzer, D., Standish, C., 1950, "Psychotherapy of Psychoses: Some Attitudes in the Therapist Influencing the Course of Treatment." *Psychiatry*, 13:17-23.
- Maricq, H. R., 1963, "Familial Schizophrenia as Defined by Nailfold Capillary Pattern and Selected Psychiatric Traits." *Journal of Nervous and Mental Disease*, 136:216-226.

- _____, 1966, "Capillary Morphology and the Course of Illness in Schizophrenic Patients." *Journal of Nervous and Mental Disease*, 142:63-71.
- Marram, G. D., 1970, "Problems in the After Care Management of the Schizophrenic Patient." *Journal of Psychiatric Nursing*, 8:13-16.
- Mars, L., 1955, Im Crise de possession. Port-au-Prince: Imprimerie de L'Etat.
- Masserman, J., 1943, "Experimental Neuroses and Psychotherapy." *Archives of Neurology and Psychiatry*, 49:43-48.
- Matte-Blanco, I., 1959, "Expression in Symbolic Logic of the Characteristics of the System UCS." *International Journal of Psychoanalysis*, 40:1-5.
- ______, 1965, "A Study of Schizophrenic Thinking: Its Expression in Terms of Symbolic Logic and Its Representation in Terms of Multi-dimensional Space." *International Journal of Psychiatry*, 1:19-26.
- May, M. R. A., 1968, *Treatment of Schizophrenia*. *A Comparative Study of Five Treatment Methods*. New York: Science House.
- May, R., 1969, Love and Will. New York: Norton.
- Mayer-Gross, W., 1950, "Psychopathology of Delusions. History, Classification and Present State of the Problem from the Clinical Point of View." In Morel, *Psychopathologie des Delires.* Paris: Hermann.
- McFarland, R. A., 1932, "The Psychological Effects of Oxygen Deprivation (Anoxemia) on Human Behavior." *Arch. Psychol.,* Monograph 145.
- McFarland, R. A., and Goldstein, H., 1938, "Biochemistry: Review." American

- Journal of Psychiatry, 95:509.
- McGeer, P. L., McNair, F. E., McGeer, E. G., and Gibson, W. C., 1957, "Aromatic Metabolism in Schizophrenia. 1) Statistical Evidence for Aromaturia. 2) Bidimensional Urinary Chromatograms." *Journal of Nervous and Mental Disease*, 125:166.
- McGhie, A., 1966, "Psychological Studies of Schizophrenia." In Freeman, T. (ed.), *Studies in Psychosis*. New York: International Universities Press.
- _____, 1972, "Attention and Perception in Schizophrenia." In Cancro, R. (ed.),

 Annual Review of the Schizophrenic Syndrome, vol. 2, pp. 99-134.

 New York: Brunner-Mazel.
- McGhie, A., and Chapman, J., 1961, "Disorder of Attention and Perception in Early Schizophrenia." *British Journal of Medical Psychology*, 34:103-116.
- Mead, G. H., 1934, Mind, Self and Society. Chicago: University of Chicago Press.
- Mead, M., 1958, "Cultural Determinants of Behavior." In Roe, A., and Simpson, G. G. (eds.), *Behavior and Evolution*. New Haven, Conn.: Yale University Press.
- Mednick, S. A., 1958, "A Learning Theory Approach to Research in Schizophrenia." *Psychological Bulletin*, 55:316-327.
- Mednick, S. A., and Freedman, J. L., 1960, "Stimulus Generalization." *Psychological Bulletin*, 57:169-200.

- Meehl, P. E., 1962, "Schizotaxia, Schizotypy, Schizophrenia." AmericanPsychologist, 17:827-828.
- Meerloo, J. A., 1954, *The Two Faces of Man.* New York: International Universities Press.
- Menninger, K., and Mayman, M., 1956, "Episodic Dyscontrol: A Third Order of Stress Adaptation." *Bulletin of the Menninger Clinic*, 20:153.
- Menninger, K. (with Mayman, M., and Pruyser, P.), 1963, *The Vital Balance:*The Life Process in Mental Health and Illness. New York: Viking Press.
- Meth, J. M., 1974, "Exotic Syndromes." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 3. New York: Basic Books.
- Mettler, F. A., 1952, *Psychosurgical Problems*. Philadelphia: Blakiston.
- ______, 1955, "Perceptual Capacity, Functions of Corpus Striatum and Schizophrenia." *Psychiatric Quarterly*, 29:89-111.
- Meyer, A., 1906, "Fundamental Conceptions of Dementia Praecox." *British Medical Journal*, 2:757. Reprinted in Lief, 1948.
- ______, 1910, "The Dynamic Interpretation of Dementia Praecox." *American Journal of Psychology*, 21:385 (July 1910). Reprinted in Lief, 1948.
- ______, 1912a, *The Role ofHabit-Disorganizations*. Paper read before the New York Psychiatric Society, Jan. 3, 1905; Nervous and Mental Disease Monograph Series No. 9. New York. Reprinted in Lief, 1948.

- ______, 1912b, Substitutive Activity and Reaction-Types. Nervous and Mental Disease Monograph Series No. 9. New York. Reprinted in Lief, 1948.
- Meyer, A., Jelliffe, S. E., and Hoch, A., 1911, *Dementia Praecox, A Monograph.*Boston: Badger.
- Meyer, Alfred, 1954, "Critical Evaluation of Histopathological Findings in Schizophrenia." In *Proceedings of the First International Congress of Neuropathology*. Turin: Rosenberg & Sellier.
- Meyer, J. E., and Feldman, H. (eds.), 1965, Anorexia Nervosa. Stuttgart: Thieme.
- Miller, J. B., and Sonnenberg, S. S., 1973, "Depression Following Psychotic Episodes: A Response to the Challenge or Change?" *Journal of the American Academy of Psychoanalysis*, 1:253-270.

Minkowski, E., 1933, Le Temps vecu. Paris: d'Artrey.

- ____, 1953, La Schizophrenic. Paris: Desclee de Brouwer.
- _____, 1958, "Findings in a Case of Schizophrenic Depression." In May, R., Angel, E., and Ellenberger, H. F., *Existence*. New York: Basic Books.
- ______, 1966, *Traite de psychopathologie.* Paris: Presses Universitaires de France.
- Minski, L., 1937, "Note on Some Vasomotor Disturbances in Schizophrenia." *J. Ment. Sci.*, 83:434.
- Mishler, E., and Waxier, N. (eds.), 1968, Family Processes and Schizophrenia.

New York: Science House.

- Mitscherlich, A., 1969, Society without the Father. A Contribution to Social *Psychology*. London: Tavistock.
- Mitscherlich, M., and Mitscherlich, A., 1973, "Fathers and Fatherhood in Our Time." In Arieti, S. (ed.), *The World Biennial of Psychiatry and Psychotherapy*. New York: Basic Books.
- Mohr, F., 1906-1907, "Uber Zeichnungen von Geisteskranken und ihre Diagnostische Verwertbarkeit." J. f. Psychol, u. Neurol., 8:99-140.
- Money, J., and Hirsch, S. R., 1963, "Chromosome Anomalies, Mental Deficiency, and Schizophrenia." *Archives of General Psychiatry*, 8:242-251.
- Moniz, E., 1936a, "Les Possibilities de le Chirurgie Dans le traitment de certaines psychoses." *Lisboa Med.*, 13:141.
- _____, 1936b, Tentatives Operationes Dans le Traitement De Certaines Psychoses.

 Paris: Masson.
- Morgan, C. T., 1943, *Physiological Psychology*. New York and London: McGraw-Hill.
- Morgenthaler, W., 1921, "Ein Geisteskranker als Kiinstler." *Arbeit, angew Psychiat.*, 1:1-126.
- Morselli, G. E., 1955, "Ce qui Demeure et ce qui est perime dans la 'Schizophrenic' de Bleuler." *L' Evolution Psychiatrique*, 645-651.
- Mott, F. W., 1919, "Normal and Morbid Conditions of the Testes from Birth to

- Old Age in One Hundred Asylum and Hospital Cases." *British Medical Journal*, November 22, 29, and December 6.
- Mourgue, R., 1932, Neurobiologie de l'hallucination. Brussels: Lamertin.
- Mowrer, O. H., 1946, "An Experimental Analogue of 'Regression' with Incidental Observations of 'Reaction Formations.' " *Journal of Abnormal and Social Psychology*, 35:56.
- Mullahy, P., 1948, *Oedipus. Myth and Complex.* New York: Hermitage Press.
 _____, 1949, *A Study of Interpersonal Relations.* New York: Hermitage Press.
 _____(ed.), 1952, *The Contributions of Harry Stack Sullivan.* New York: Hermitage House.
 _____, 1967, "Harry Stack Sullivan's Theory of Schizophrenia." *International Journal of Psychiatry*, vol. 4, pp. 492-521.
- _____, 1968, *Psychoanalysis and Interpersonal Psychiatry.* New York: Science House.
- Muller, C., 1962. Personal communication.
- _____, 1963, "Psychotherapy of Schizophrenic Patients." Lecture presented to Department of Psychiatry, New York Medical College.
- Muller, J. M., Schlittler, E., and Bein, H. J., 1952, "Reserpine, der sedative Wirkstoff aus Rauwolfia serpentina Benth." *Experientia*, 8:338.
- Murphy, H. B. M., Wittkower, E. D., Fried, J., and Ellenberger, 1963, "A Cross-

- cultural Survey of Schizophrenic Symptomatology." *International Journal of Social Psychiatry*, 9:237-249.
- Naumburg, M., 1950, *Schizophrenic Art: Its Meaning in Psychotherapy*. New York: Grune & Stratton.
- Neale, J. M., and Cromwell, R. L., 1972, "Attention and Schizophrenia." In Cancro, R. (ed.), *Annual Review of the Schizophrenic Syndrome*, vol. 2, pp. 68-98. New York: Brunner-Mazel.
- Nielsen, J. M., 1946, Agnosia, Apraxia, Aphasia. Their Value in Cerebral Localization. New York: Hoeber.
- Niskanen, P., and Achte, K. A., 1971, "Prognosis in Schizophrenia. A Comparative Follow-up Study of First Admissions for Schizophrenic and Paranoid Psychoses in Helsinki in 1950, 1960, and 1965," *Psychiatria Finnica. Year Book 1971*, pp. 117-126.
- Nivoli, G., 1973, *Le Schizophrene Meurtrier*. (In preparation. Private communication.)
- Noble, D., 1951, "A Study of Dreams in Schizophrenia and Allied States." American Journal of Psychiatry, 107:612-616.
- Noiris, V., 1959, Mental Illness in London. New York: Oxford University Press.
- Nunberg, H., 1948, "The Course of the Libidinal Conflict in a Case of Schizophrenia." In *Practice and Theory of Psychoanalysis*, Nervous and Mental Disease Monograph Series No. 74. New York.
- Ogden, C. K., and Richards, I. A., 1947, The Meaning of Meaning. New York:

Harcourt, Brace.

- Orton, S. T., 1929, "The Three Levels of Cortical Elaboration in Relation to Certain Psychiatric Symptoms." *American Journal of Psychiatry*, 8:647.
- Osmond, H., and Smythies, J., 1952, "Schizophrenia: A New Approach." J. Ment. Sci., 98:309-315.
- Pace, R. E., 1957, "Situational Therapy." Journal of Personality, 25:578-588.
- Papez, J. W., 1937, "A Proposed Mechanism of Emotion." *Archives of Neurology and Psychiatry*, 38:725-743.
- ______, 1948, "Inclusion Bodies Associated with Destruction of Nerve Cells in Scrub Typhus, Psychoses and Multiple Sclerosis." *Journal of Nervous and Mental Disease*, 108:431.
- Parsons, E. H., Gildea, E. F., Ronzoni, E., and Hulbert, S. Z., 1949, "Comparative Lymphocytic and Biochemical Responses of Patients with Schizophrenia and Affective Disorders to Electroshock, Insulin Shock, and Epinephrine." *American Journal of Psychiatry*, 105:573-580.
- Pasamanick, B., 1962, "A Survey of Mental Disease in an Urban Population. VIII. An Approach to Total Prevalence by Race." *American Journal of Psychiatry*, 119:299-305.
- ______, 1964, "Myths regarding Prevalence of Mental Disease in the American Negro: A Century of Misuse of Mental Hospital Data and Some New Findings." *Journal Nat. Med. Assoc.*, 56:6-17.

- Pasamanick, B., Scarpitti, F. R., and Dinitz, S., 1967, *Schizophrenics in the Community*. New York: Appleton-Century-Crofts.
- Pastore, N., 1949, "Genetics of Schizophrenia: A Special Review." *Psychological Bulletin*, 46:285-302.
- Pavicevic, M. B., 1966, "Psychoses in Ethiopia." Addis Ababa, typescript, 6 pp. Reported in *Transcultural Psychiatric Research*, 3:152.
- Pavlov, I. P., 1919, "Psychiatry as Auxiliary Science of Physiology." *Russian Journal of Physiology*, 2:257. Printed in Russian.
- _____, 1930, "Digression of a Physiologist in the Field of Psychiatry." *Izyestija*, 122 (3969), May 5. Printed in Russian.
- ______, 1933a, "The 'Sentiments d'Emprise' and the Ultraparadoxal Phase."

 Open letter to Professor Pierre Janet. Last Communications on the
 Physiology and Pathology of the Superior Nervous Activity, 2:5-11.

 Leningrad. Printed in Russian.
- ______, 1933b, "Tentative of a Physiological Explanation of Obsessive Neuroses and Paranoia." Last Communications on the Physiology and Pathology of the Superior Nervous Activity, 2:13-24. Leningrad. Printed in Russian and reprinted in English, *Journal of Mental Science*, 80:187-197 (1934).
- Payne, R. W., 1958, "Some Aspects of Perception and Thought Disorder in Schizophrenic Subjects." *Swiss Rev. Psychol. Its Applic.*, 17:300.
- _____, 1961, "Cognitive Abnormalities." In Eysenck, H. J. (eA.), Handbook of Abnormal Psychology. New York: Basic Books.

- ______, 1962, "An Object Classification Test As a Measure of Overinclusive Thinking in Schizophrenic Patients." *British Journal Soc. Clin. Psychol.*, 1:213.
- Payne, R. W., Mattussek, P., and George, E. I., 1959, "An Experimental Study of Schizophrenic Thought Disorder." *Journal of Mental Science*, 105:627.
- Penfield, W., and Rasmussen, T., 1952, *The Cerebral Cortex of Man.* New York: Macmillan.
- Peplau, H. E., 1952, Interpersonal Relations in Nursing. New York: Putnam.
- _____, 1959, "Principles of Psychiatric Nursing." In Arieti, S. (ed.), *American Handbook of Psychiatry*, First Edition, vol. 2, pp. 1840-1856. New York: Basic Books.
- Persky, H., Gamm, S. R., and Grinker, R. R., 1952, "Correlation between Fluctuation of Free Anxiety and Quantity of Hippuric Acid Excretion." *Psychosomatic Medicine*, 14:34-40.
- Petiziol, A., and Sanmartino, L., 1969, *Iconografia ed espressivita' degli stati psicopatologici*. Milan: Feltrinelli.
- Petrella, F., 1968, "Implicazioni psico e sociodinamiche di una particolare condetta instituzionale: La Tendenza ad accumulare oggetti." *Rassegna di Studi Psichiatrici*, 57:767-785.
- Pfeifer, R. A., 1925, Der Geisteskranke und sein Werk: Eine Studie iiber Schizophrene Kunst. Leipzig: Kroner.

- Pfister, O., 1923, *Expressionism in Art: Its Psychological and Biological Basis.*Translated by B. Low and M. A. Miigge. New York: Dutton.
- Phillips, R. H., and Alkan, M., 1961a, "Some Aspects of Self-Mutilation in the General Population of a Large Psychiatric Hospital." *Psychiatric Quarterly*, 35:421-423.
- _____, 19616, "Recurrent Self-Mutilation." *Psychiatric Quarterly*, 35:424-431.
- Piaget, J., 1929, *The Child's Conception of the World.* New York: Harcourt, Brace.
- _____, 1930, *The Child's Conception of Physical Causality.* New York: Harcourt, Brace.
- _____, 1948, *The Language and Thought of the Child.* London: Routledge & Kegan Paul.
- _____, 1952, *The Origins of Intelligence in Children.* New York: International Universities Press.
- Pincus, G., and Hoagland, H., 1950, "Adrenal Cortical Responses to Stress in Normal Men and in Those with Personality Disorders. Part I. Some Stress Responses in Normal and Psychotic Subjects. Part II. Analysis of the Pituitary-Adrenal Mechanism in Man." *American Journal of Psychiatry*, 106:641.
- Piro, S., 1967, II Linguaggio schizofrenico. Milan: Feltrinelli.
- Plokker, J. H., 1964, Art from the Mentally Disturbed. London: Mouton.

- Polyakov, V. F., 1969, "The Experimental Investigation of Cognitive Functioning in Schizophrenia." In Cole, M., and Maltzman, I. (eds.), *A Handbook of Contemporary Soviet Psychology.* New York: Basic Books.
- Pollin, W., Allen, M. G., Hoffer, A., Stabenau, J. R., and Hrubec, Z., 1969, "Psychopathology in 15,909 Pairs of Veteran Twins: Evidence for a Genetic Factor in the Pathogenesis of Schizophrenia and Its Relative Absence in Psychoneurosis." *American Journal of Psychiatry*, 126:597-610.
- Popov, E., 1957, "Some General Problems in the Pathogenesis of Schizophrenia." In *Actual Problems of Neurology and Psychiatry*, 150-157, Printed in Russian.
- Potter, H. W., 1933, "Schizophrenia in Children." *American Journal of Psychiatry*, 12:1253-1270.
- Potzl, O., 1971, "Experimentell erregte Traumbilder in ihren Beziehungen zum indirekten Sehen." *Ztschr. f. Neurol, e Psychiat.,* 37:278-349.
- Potzl, O., Allers, R., and Teler, J., 1960, *Preconscious Stimulation in Dreams, Associations, and Images.* Psychological Issues, 11 (3). New York: International Universities Press.
- Powdermaker, F., 1952, "Concepts Found Useful in Treatment of Schizoid and Ambulatory Schizophrenic Patients." *Psychiatry*, 15:61.
- Prinzhom, F., 1922, *Bildnerei der Geisteskranken*. Berlin: Springer.
- Pritchard, R. M., 1961, "Stabilized Images on the Retina." Scientific American,

204:72-78.

- Pritchard, R. M., Heron, W., and Hebb, D. O., 1960, "Visual Perception Approached by the Method of Stabilized Images." *Canadian Journal of Psychology*, 14:67-77.
- Protheroe, C., 1969, "Puerperal Psychoses: A Long-Term Study 1927-1961." British Journal of Psychiatry, 115:9-30.
- Protopopov, V., 1938, "Physiopathologic Characteristics of the Activity of the Central Nervous System in Schizophrenia." *Works of Central Psychoneurologic Institute*, vol. 10, pp. 14-26. Printed in Russian.
- Queen, S. A., 1940, "The Ecological Study of Mental Disorder." *American Sociological Review*, 5:201.
- Rabiner, E. L., Molinsky, H., and Gralnick, A., 1962, "Conjoint Family Therapy in the Inpatient Setting." *American Journal of Psychotherapy*, 16:618-631.
- Racamier, P. C., 1959, "Psychoanalytic Therapy of the Psychoses." In Nacht, S. (ed.), *Psychoanalysis Today*. New York: Grune & Stratton.
- Rado, S., Buchenholz, B., Dunton, H, Karlen, S. H., and Senescu, R., 1956, "Schizotypal Organization. Preliminary Report on a Clinical Study of Schizophrenia." In Rado, S., and Daniel, G. E., 1956.
- Rado, S., and Daniel, G. E., 1956, *Changing Concepts of Psychoanalytic Medicine*. New York: Grune.
- Rainer, J. D., 1966, "New Topics in Psychiatric Genetics." In Arieti, S., (ed.),

- *American Handbook of Psychiatry,* 1st ed., vol. 3. New York: Basic Books.
- Rao,S., 1964, "Birth Order and Schizophrenia." *Journal of Nervous and Mental Disease*, 138:87-89.
- Rapaport, D., 1951, *Organization and Pathology of Thought.* New York: Columbia University Press.
- _____, 1958, "The Theory of Ego Autonomy: A Generalization." *Bulletin of the Menninger Clinic*, 22:13.
- _____, 1960, *The Structure of Psychoanalytic Theory.* New York: International Universities Press.
- Raphael, T., and Raphael, L. G., 1962, "Fingerprints in Schizophrenia." American Medical Association Journal, 180:215-219.
- Raphael, T., and Shaw, M. W., 1963, "Chromosome Studies in Schizophrenia." American Medical Association Journal, 183:1022-1028.
- Rausch,H.L., 1952, "Perceptual Constancy in Schizophrenia." *Journal of Personality*, 21:176-187.
- ______, 1956, "Object Constancy in Schizophrenia: The Enhancement of Symbolic Objects and Conceptual Stability." *Journal of Abnormal Social Psychology*, 52:231-234.
- Rechtschaffen, A., Schulsinger, F., and Mednick, S. A., 1964, "Schizophrenia and Physiological Indices of Dreaming." *Archives of General Psychiatry*, 10:89-93.

- Reed, J. L., 1970, "Schizophrenic Thought Disorder: A Review and Hypothesis." *Comprehensive Psychiatry*, 11:403-432.
- Rees, L., 1957, "Physical Characteristics of the Schizophrenic Patient." In Richter, D., Schizophrenia: Somatic Aspects. New York: Macmillan.
- Reichard, S., and Tillman, C., 1950a, "Patterns of Parent-Child Relationships in Schizophrenia." *Psychiatry*, 13:247-257.
- ______, 1950b, "Murder and Suicide as Defenses against Schizophrenic Psychosis." *Journal of Clinical Psychopathology*, 11:149-163.
- Reitman, F., 1951, *Psychotic Art. A Study of the Art Products of the Mentally III.*New York: International Universities Press.
- ____, 1954, *Insanity, Art, and Culture.* New York: Philosophical Library.
- Relfer, M. I., and D'Autremont, C. C., 1971, "Catatonia-like Symptomatology." *Archives of General Psychiatry*, 24:119-120.
- Rennie, T. A. C., 1941, "Analysis of One Hundred Cases of Schizophrenia with Recovery." *Archives of Neurology and Psychiatry*, 46:197.
- Revitch, E., 1954, "The Problem of Conjugal Paranoia." *Diseases of the Nervous System*, 15:2-8.
- Revitch, E., and Hayden, J. W., 1960, "The Paranoid Marital Partner: Counselor's Client, Psychiatrist's Problem." *Rutgers Law Review*, 9:512-527.
- Rheingold, J. C., 1939, "Autonomic Integration in Schizophrenia; Autonomic

- Status Determined Statistically, Thyroid Factor, and Possible Thyroid-hypothalamus Mechanisms." *Psychosomatic Medicine*, 1:397.
- Ribot, T., 1899, Les Maladies de la volonte. Paris: Alcan.
- Richardson, G. A., and Moore, R. A., 1963, "On the Manifest Dream in Schizophrenia." *Journal of the American Psychoanalytic Association*, 11:281-302.
- Richter, D. (ed.), 1957, Schizophrenia: Somatic Aspects. New York: Macmillan.
- Riesen, A. H., 1947, "The Development of Visual Perception in Man and Chimpanzee." *Science*, 106:107-108.
- Riesman, D., Glaser, N., and Denney, R., 1950, *The Lonely Crowd.* New Haven: Yale University Press.
- Rimland, B., 1964, Infantile Autism. New York: Appleton-Century-Crofts.
- Rioch, D. McK., and Stanton, A. H., 1953, "Milieu Therapy." *Psychiatry*, 16:65-72.
- Rioch, J., 1943, "The Transference Phenomenon in Psychoanalytic Therapy." *Psychiatry*, 6:147.
- Ripley, H. A., and Papanicolaou, G. N., 1942, "Menstrual Cycle with Vaginal Smear Studies in Schizophrenia." *American Journal of Psychiatry*, 98:567-573.
- Ritter, C., 1954, *A Woman in the Polar Night*. New York: Dutton.

- Robins, E., and Guze, S. B., 1970, "Establishment of Diagnostic Validity in Psychiatric Illness: Its Application to Schizophrenia." *American Journal of Psychiatry*, 126:983-987.
- Robins, E., Smith, K., and Lowe, I. P., 1957. In Abramson, H. A. (ed.), *Neuropharmacology*, pp. 123-136. Transactions of the Fourth Conference. New York: Josiah Macy, Jr., Foundation.
- Robinson, E. S., 1932, Association Theory Today. New York: Century.
- Rochlin, L., 1969, "La Concezione pavloviana della schizofrenia." In Pavlov, I. P., *Psicopatologia e Psichiatria*, edited by E. Popov and L. Rochlin. Rome: Editori Riuniti.
- Roi, G., 1953, "Analisi fenomenologica dell' assurdo schizofrenico nei rapporti col surreale dell' arte." *Archivio di Psicologia, Neurologia e Psichiatria*,5:605-625.
- Roizin, L., 1938, "Organi di senso quali generatori di riflessi neuro-endocrinovegetativi della regione diencefalo-ipofisaria." Rassegna di Neurologia Vegetativa, 1:338.
- ______, 1952, "Histopathology of Schizophrenia." In *Proceedings of the First*International Congress of Neuropathology. Turin: Rosenberg & Sellier.
- Rosanoff, A. J., Handy, L. M., Plesset, I. R., and Brush, S., 1934, "The Etiology of So-called Schizophrenic Psychoses with Special Reference to Their Occurrence in Twins." *American Journal of Psychiatry*, 91:247-286.
- Rosanoff, A. J., and Orr, I., 1911, "A Study of Heredity in Insanity in the Light of

Mendelian Theory." *American Journal of Insanity*, 63:221-261.

Rosanoff, A. J., and Rosanoff, I. A., 1931, "A Study of Mental Disorders in Twins." J. Juv. Res., 15:268-270. Rosen, J. N., 1947, "The Treatment of Schizophrenic Psychosis by Direct Analytic Therapy." Psychiatric Quarterly, 2:3. _____, 1953, Direct Analysis: Selected Papers. New York: Grune & Stratton. _____, 1962, *Direct Psychoanalytic Psychiatry*. New York: Grune & Stratton. _____, 1963, "The Concept of Early Maternal Environment in Direct Psychoanalysis." Doylestown, Pa.: The Doylestown Foundation. ____, 1964, "The Study of Direct Psychoanalysis." In Solomon, P., and Glueck, B. C. (eds.), Recent Research on Schizophrenia. Report 19, Psychiatric Research Reports of the American Psychiatric Association. Rosenfeld, H. A., 1947, "Analysis of a Schizophrenic State with Depersonalization." International Journal of Psycho-Analysis, 28:130-139. _____, 1952a, "Notes on the Psychoanalysis of the Superego Conflict of an Acute Schizophrenic Patient. " International Journal of Psycho-Analysis, 33:111-131. , 1952b, "Transference-phenomena and Transference-analysis in an Acute Catatonic Schizophrenic Patient." International Journal of *Psycho-Analysis*, 33:457-464.

and Chronic Schizophrenia." In Rosenfeld, 1965. 1965, Psychotic States: A Psychoanalytic Approach. New York: International Universities Press. ____, 1969a, "Contribution to the Psychopathology of Psychotic States: The Importance of Projective Identification in the Ego Structure and the Object Relations of the Psychotic Patient." In Doucet, P., and Laurin, C. (eds.), Problematique de la Psychose, vol. 1. Amsterdam: Excerpta Medica Foundation. , 1969 b, "On the Treatment of Psychotic States by Psychoanalysis: An Historical Approach." International Journal of Psycho-Analysis, 50:615-631. Rosenthal, D., 1963, The Genain Quadruplets. New York: Basic Books. _____, 1974, "The Genetics of Schizophrenia." In Arieti, S. (ed.), American Handbook of Psychiatry, Second Edition, vol. 3. New York: Basic Books. Roth, S., 1970, "The Seemingly Ubiquitous Depression Following Acute Schizophrenic Episodes, A Neglected Area of Clinical Discussion." *American Journal of Psychiatry*, 127:51-58.

____, 1954, "Considerations Regarding the Psycho-analytic Approach to Acute

Riidin, E., 1961, *Zur Vererbung urtd Neuentehung der Dementia Praecox.*Berlin: Springer.

Rubino, A., and Piro, S., 1959, "II Mutamento pauroso e la schizofrenia." II

Pisani, 83:527.

- Russell, B., 1919, Introduction to Mathematical Philosophy. London:
- Sakel, M., 1936, "Zur Methodik der hypoglykamiebehandlung von psychosen." Wien. Klin. Wchnschr., 49:1278.
- Sakurai, T., Shirafuji, Y., Nishizono, M., Hasuzawa, T., Kusuhara, G., Yoshinaga, G., and Hirohashi, S., 1964, "Changing Clinical Picture of Schizophrenia." *Seishin Igaku*, 6:369-373. Reported in *Transcultural Psychiatric Research*, 2:97-98, 1965.
- Sanders, R., Smith, R. S., Weinman, B. S., 1967, *Chronic Psychoses and Recovery.*San Francisco: Jossey-Bass.
- Sanders, R. Weinman, B., Smith, R. S., Smith, A., Kenny, J., and Fitzgerald, B. J., 1962, "Social Treatment of the Male Chronic Mental Patient." *Journal of Nervous and Mental Disease*, 134:244-255.
- Sankar, Siva D. V., 1969, *Schizophrenia. Current Concepts and Research.* Hicksville, N.Y.: PJD Publications.
- Sankar, Siva D. V., and Saladino, C. F., 1969, "Chromosome Studies in Childhood Schizophrenia." *Schizophrenia*, 1:260-270.
- Sanseigne, A., and Desrosiers, M., 1961, "The Evaluation of Psychopharmaceuticals in an Underdeveloped Country." In Kline, N. S. (ed.), *Psychiatry in the Underdeveloped Countries*. Washington: American Psychiatric Association.
- Sanua, V. D., 1962, "Comparison of Jewish and Protestant Paranoid and Catatonic Patients." *Diseases of the Nervous System*, 26:1.

Sartre, J.-P., 1969, Being and Nothingness. New York: Citadel Press. Sato, S., Daly, R., and Peters, H., 1971, "Reserpine Therapy of Phenothiazine-Induced Dyskinesia." *Diseases of the Nervous System*, 32:680-685. Schachtel, E. G., 1954, "The Development of Focal Attention and the Emergence of Reality." Psychiatry, 17:309. _____, 1959, *Metamorphosis*. New York: Basic Books. Schachter, F., 1962, "A Study of Psychoses in Female Immigrants." Med. J. Australia, 49(2):458-461. Scheflen, A. E., 1961, A Psychotherapy of Schizophrenia: Direct Analysis. Springfield, Ill.: Thomas. Schilder, P., 1918, Wahn und Erkenntnis: eine psychologische Studie. N. 15 Monog. Ges. Neurol. Psychiat. 1-115. ____, 1931, Brain and Personality. New York and Washington: Nervous and Mental Diseases Publication Company. , 1935, The Image and the Appearance of the Human Body. Studies in the Constructive Energies of the Psyche. London: Kegan Paul. _____, 1953, *Medical Psychology*. New York: International Universities Press. Schipkowensky, N., 1938, Schizophrenic und Mord. Berlin: Springer.

____, 1967, "Les Champs de force des homicides schizophreniques."

L'Evolution Psychiatrique, pp. 89-113.

- Schniewind, H. E., Day, M., and Semrad, E. V., 1969, "Group Psychotherapy of Schizophrenics." In Beliak, L., and Loeb, L., *The Schizophrenic Syndrome*. New York: Grune & Stratton.
- Schooler, C., 1961, "Birth Order and Schizophrenia." *Archives of General Psychiatry*, 4:91-97.
- Schroeder, C. W., 1942, "Mental Disorders in Cities." *American Journal of Sociology*, 48:40.
- Schwing, F., 1954, *A Way to the Soul of the Mentally III.* New York: International Universities Press.
- Scott, R. D., and Ashworth, P. L., 1969, "The Shadow of the Ancestor: A Historical Factor in the Transmission of Schizophrenia." *British Journal of Medical Psychology*, 42:13-32.
- Scoville, W. B., 1949, "Selective Cortical Undercutting." *Proceedings of the Royal Society of Medicine*, 47:3.
- Searles, H., 1958, "Positive Feelings in the Relationship Between the Schizophrenic and His Mother." *International Journal of Psychoanalysis*, 39:569-586.
- _____, 1959, "The Effort to Drive the Other Person Crazy—An Element in the Aetiology and Psychotherapy of Schizophrenia." *British Journal of Medical Psychology*, 32:1-18.
- ______, 1960, *The Nonhuman Environment in Normal Development and in Schizophrenia*. New York: International Universities Press.

, 1962, "The Differentiation between Concrete and Metaphorical Thinking in the Recovering Schizophrenic." <i>J. American Psychoanal. Ass.,</i> 10:22-49.
, 1965, Collected Papers on Schizophrenia and Related Subjects. New York: International Universities Press.
Sechehaye, M. A., 1951a, <i>Symbolic Realization</i> . New York: International Universities Press.
, 19516, Autobiography of a Schizophrenic Girl. New York: Grune & Stratton.
, 1956, <i>A New Psychotherapy in Schizophrenia.</i> New York: Grune & Stratton.
Segal, H., 1950, "Some Aspects of the Analysis of a Schizophrenic." International Journal of Psycho-Analysis, 31:268-278.
Seitz, P. F. D., 1951, "A Dynamic Factor Correlated with the Prognosis in Paranoid Schizophrenia." <i>Archives of Neurology and Psychiatry</i> , 65:604-606.
Seitz, P. F. D., and Molholm, H. B., 1947, "Relations of Mental Imagery to Hallucinations." <i>Archives of Neurology and Psychiatry</i> , 57:469-480.
Selvini Palazzoli, M., 1963, <i>L'Anoressia Mentale</i> . Milan: Feltrinelli.
, 1970, "Anorexia Nervosa." In Arieti, S. (ed.), <i>The World Biennial of Psychiatry and Psychotherapy,</i> vol. 1, pp. 197-218. New York: Basic Books.

- Selye, H., 1950, "Stress (The Physiology and Pathology of Exposure to Systemic Stress)." Montreal: *Acta Med. Publ.*
- ____, 1952, "The Story of the Adaptation Syndrome," Montreal: *Acta Med. Publ.*
- Semrad, E. J., 1952, "Discussion of Dr. Frank's Paper." In Brody, E. B., and Redlich, F. C. (eds.), *Psychotherapy with Schizophrenics*. New York: International Universities Press.
- Semrad, E. J., Menzer, D., Mann, J., and Standish, C., 1952, "A Study of the Doctor-Patient Relationship in Psychotherapy of Psychotic Patients." *Psychiatry*, 15:377.
- Serieux and Capgras, J. Quoted by Mayer-Gross, 1950.
- Shainberg, D., 1973, *The Transforming Self. New Dimensions in Psychoanalytic Process.* New York: Intercontinental Medical Book Corporation.
- Shainess, N., 1966, "Psychological Problems Associated with Motherhood." In Arieti, S. (ed.), *American Handbook of Psychiatry*, vol. 3, p. 47. New York: Basic Books.
- Shakow, D., 1963, "Psychological Deficit in Schizophrenia." *Behavioral Science*, 8:275.
- Shattock, M. F., 1950, "The Somatic Manifestations of Schizophrenia. A Clinical Study of Their Significance." *Journal of Mental Science*, 96:32-142.
- Sheldon, W. H., Stevens, S. S., and Tucker, W. B., 1940, *The Varieties of Human Physique*. New York: Harper.

- Shenkin, H. A., and Lewey, F. H., 1944, "Taste Aura Preceding Convulsions in a Lesion of the Parietal Operculum." *Journal of Nervous and Mental Disease*, 100:352.
- Shulman, B. H., 1968, *Essays in Schizophrenia*. Baltimore: Williams and Wilkins.
- Siddiqui, S. S., and Siddiqui, R. H., 1931,7. *Ind. Chem. Soc.*, 8:667. Quoted by Muller, Schlitter, and Bein, 1952.
- Siirala, M., 1961, *Die Schizophrenie-des Einzeln und der Allgemeinheit.*Gottingen: Vandenhoeck & Ruprecht.
- _____, 1963, "Schizophrenia: A Human Situation." *American Journal of Psychoanalysis*, 23:39.
- Silberer, H., 1909, "Report on a Method of Eliciting and Observing Certain Symbolic Hallucination-Phenomena." Reprinted in Rapaport, D. (ed.), *Organization and Pathology of Thought.* New York: Columbia University Press, 1951.
- ______, 1912, "On Symbol-Formation." Reprinted in Rapaport, D. (ed.),

 **Organization and Pathology of Thought. New York: Columbia

 **University Press, 1951.
- Silverman, J., 1964, "The Problem of Attention in Research and Theory in Schizophrenia." *Psychol. Rev.*, 71:352-379.
- _____, 1967, "Variations in Cognitive Control and Psychophysiological Defense in the Schizophrenias." *Psychosomatic Medicine*, 29:225-251.

- Simon, M., 1876, "L'Imagination dans la folie: fetude sur les dessins, plans, descriptions, et costumes des alienes." *Ann. Med.-Psychol.,* 16:358-390
- _____, 1888, "Les Ecrits et les Dessins des Alienes." *Arch. Anthrop. Crim.,* 3:318-355.
- Simpson, G. M., Cranswick, E. H., and Blair, J. H., 1963, "Thyroid Indices in Chronic Schizophrenia." *Journal of Nervous and Mental Disease*, 137:582-590.
- Singer, M. T., and Wynne, L. L., 1965, "Thought Disorder and Family Relations of Schizophrenics." *Archives of General Psychiatry*, 12:187-212.
- Slater, E., 1951, *An Investigation into Psychotic and Neurotic Twins.* London: University of London Press.
- ______, 1968, "A Review of Earlier Evidence on Genetic Factors in Schizophrenia." In Rosenthal, D., and Kety, S. S. (eds.), *The Transmission of Schizophrenia*. London: Pergamon Press.
- Slocum, J., 1901, Sailing Alone Around the World. New York: Dover, 1956.
- Small, J. G., and Small, I. F., 1965, "Reevaluation of Clinical EEG Findings in Schizophrenia." *Dis. Nerv. System,* 26:345-349.
- Smith, R. B., 1878, *The Aborigines of Victoria*. Quoted by Werner, 1957.
- Smith, S., 1954, "Problems of Liver Function in Schizophrenia." *Journal of Nervous and Mental Diseases*, 120:245-252.

- Smith, C. M., and McIntyre, S., 1963, "Family Size, Birth Rank, and Ordinal Position in Psychiatric Illness." *Canadian Psychiatric Association Journal*, 8:244-248.
- Smith, K., and Sines, J. O., 1960, "Demonstration of a Peculiar Odor in the Sweat of Schizophrenic Patients." *Archives of General Psychiatry*, 2:184-188.
- Soby, J. I., 1946, *Salvador Dali*. The Museum of Modern Art. Distributed by Simon and Schuster, New York.
- Spiegel, R., 1973, "Gray Areas Between the Schizophrenias and the Depressions." *Journal of the American Academy of Psychoanalysis*, 1:179-192.
- Spielmeyer, W., 1931, "The Problem of the Anatomy of Schizophrenia." Proceedings of the Association for Research in Nervous and Mental Disease, 10:105. Baltimore: Williams and Wilkins.
- Spitz, R., 1945, "Diacritic and Coenesthetic Organization." *Psychoanal. Rev.*, 32:146.
- Stabenau, J. R., Pullin, W., Moshe, R. L. R., Froman, C., Friedhoff, A. J., and Turner, W., 1969, "Study of Monozygotic Twins Discordant for Schizophrenia. Some Biologic Variables." *Archives of General Psychiatry*, 20:145-158.
- Staercke, A., 1920, "The Reversal of the Libido Sign in Delusions of Persecutions." *International Journal of Psychoanalysis*, 1:120.
- Stanton, A. H., and Schwartz, M. S., 1949a, "The Management of a Type of

Institutional Participation in Mental Illness." Psychiatry, 12:13.
, 19496, "Observations on Dissociation as Social Participation." *Psychiatry, 12:339.**
, 1954, The Mental Hospital. New York: Basic Books.
Stein, W. J., 1967, "The Sense of Becoming Psychotic." <i>Psychiatry</i> , 30:262-275.
Steinen, K., 1894, <i>Unter den Naturvdlkern Zentral-Brasiliens</i> . Quoted by Werner, 1957.
Stern, E. S., 1937, "Acrocyanosis." Journal of Mental Science, 83:408.
Stem, K., and MacNaughton, D., 1945, "Capgras Syndrome, a Peculiar Illusionary Phenomenon, Considered with Special Reference to the Rorschach Findings." <i>Psychiatric Quarterly</i> , 19:139.
Stierlin, H., 1956, Der gewalttdtige Patient. Basel: Karger.
, 1965, "Bleuler's Concept of Schizophrenia in the Light of Our Present Experience." In <i>International Symposium on the Psychotherapy of Schizophrenia</i> , pp. 42-55. New York and Basel: Karger.
, 1967, "Bleuler's Concept of Schizophrenia: A Confusing Heritage." American Journal of Psychiatry, 123:996-1001.
Storch, A., 1924, <i>The Primitive Archaic Forms of Inner Experiences and Though in Schizophrenics</i> . New York and Washington: Nervous and Menta Disease Publication Company.

- Stransky, 1903, "Zur Kenntniss gewisser erworbener Blodsinnsformen." *Jahrb. f. Psych.*, 24:1.
- Strauss, H., 1959, "Epileptic Disorders." In Arieti, S. (ed.), American Handbook of Psychiatry, 1st ed. vol. 2, pp. 1109-1143. New York: Basic Books.
- Strecker, E. A., and Ebaugh, F., 1926, "Psychoses Occurring during the Puerperium." *Archives of Neurology and Psychiatry*, 15:239.
- Stromgren, E., 1950, *Statistical and Genetical Population Studies with Psychiatry. Methods and Principal Results*, vol. 6. Paris: Hermann. Quoted by Kallmann, 1959.
- Sturm, I. E., 1965, "Overinclusion and Concreteness Among Pathological Groups." *Journal of Consulting Psychology*, 29:9-18.
- Sullivan, H. S., 1924, "Schizophrenia: Its Conservative and Malignant Factors." American Journal of Psychiatry, 81:77-91.
- _____, 1925, "Peculiarity of Thought in Schizophrenia American Journal of Psychiatry, 5:21-86.
- ______, 1929, "Research in Schizophrenia." *American Journal of Psychiatry*, 9:553-567.
- ____, 1953a, Conceptions of Modern Psychiatry. New York: Norton.
- _____, 19536, *The Interpersonal Theory of Psychiatry*. New York: Norton.

, 1956, Clinical Studies in Psychiatry. New York: Norton.
, 1962, Schizophrenia As a Human Process. New York: Norton.
, 1964, The Fusion of Psychiatry and Social Science. New York: Norton.
Suttie, I. E., 1952, <i>The Origins of Love and Hate.</i> New York: Julian Press.
Suwa, N., and Yamashita, I., 1972, <i>Psychophysiological Studies of Emotion and Mental Disorders</i> . Sapporo, Japan: Hokkaido University.
Swanson, D. W., Brown, E. M., and Beuret, L. J., 1969, "A Family with Five Schizophrenic Children." <i>Diseases of the Nervous System,</i> 30:189-193.
Szalita, A. B., 1955, "The 'Intuitive Process' and Its Relation to Work with Schizophrenics." <i>Journal of the American Psychoanalytic Association</i> , 3:7.
, 1958, "Regression and Perception in Psychotic States." <i>Psychiatry</i> , 21:53-63.
Szasz, T., 1957a, Pain and Pleasure. New York: Basic Books.
, 1957b, "The Psychology of Bodily Feelings in Schizophrenia." Psychosomatic Medicine, 19:11-16.
, 1957c, "A Contribution to the Psychology of Schizophrenia." A.M.A. Archives of Neurology and Psychiatry, 77:420-436.
. 1957 <i>d.</i> "The Problem of Psychiatric Nosology: A Contribution to a

	national Analysis of Psychiatric Operations." <i>Am. J. Psychiatry,</i> 4:405.
1961, The	e Myth of Mental Illness. New York: Harper and Row.
	and Berlin, I. N. (eds.), 1973, Clinical Studies in Childhood schoses. New York: Brunner-Mazel.
Tanzi, E., 1909	, A Text-Book of Mental Diseases. New York: Rebman.
	1957, "Psicosi epilettica o schizofrenia in epilettico?" <i>Lav.</i> uropsichiat., 21:35—48.
	nalytical Psychotherapy with Schizophrenic Patients." Journal of alytical Psychology, 14:152-162.
Fiel	., and Adey, W. R., 1960, "Sensorimotor Cortical Activities." In ld, J. (ed.), <i>Handbook of Physiology: Section I, Neurophysiology,</i> . 2, pp. 797-835. Washington: American Physiological Society.
Thom'a, H., 19	967, Anorexia Nervosa. New York: International Universities
Ma	, 1938, "Development of Awareness of Transference in a rkedly Detached Personality." <i>International Journal of</i> echoanalysis, 19:299.
, 1941, "Th	ne Role of Women in This Culture." Psychiatry, 4:1.
, 1942, "0 5:3	Cultural Pressures in the Psychology of Women." <i>Psychiatry,</i> 31.

- Tienari, P., 1968, "Schizophrenia in Monozygotic Male Twins." In Rosenthal, D., and Kety, S., The Transmission of Schizophrenia, 1968. London: Pergammon Press.
- Tilney, F., 1928, The Brain from Ape to Man. New York: Hoeber.
- Tinbergen, N., 1951, The Study of Instinct. Oxford: Oxford University Press.
- Tjio, H., and Levan, A., 1956, "The Chromosome Number of Man." *Hereditas*, 42:1-6.
- Todd, J., 1957, "The Syndrome of Capgras." Psychiatric Quarterly, 31:250.
- Tolentino, I., 1957a, "Diario di un paranoico considerazioni psicopatologiche e psicodinamiche. 1) II Diario." *Rassegna di Studi Psichiatrici*, 46:681-715.
- Tolentino, I., 19576, "Diario di un Paranoico (1) Considerazioni, Psicopatologiche e Psicodinamiche (2) Considerazioni Psicopatologiche e Psicodinamiche." *Rassegna di Studi Psichiatrici*, 46:716-730.
- Tooth, G., 1950, Studies in Mental Illness in the Gold Coast. Research

- Publication No. 6. London: H.M.S.O.
- Tower, S. S., 1947, "Management of Paranoid Trends in Treatment of a Post-Psychotic Obsessional Condition." *Psychiatry*, 10:157.
- Tyhurst, J. S., 1957, "Paranoid Patterns." In Leighton, A. H., Clausen, J. A., and Wilson, R. N., (eds.), *Explorations in Social Psychiatry*. New York: Basic Books.
- Ungerleider, J. T., Fisher, D. D., Goldsmith, S. R., Fuller, M., and Forgy, E., 1968, "A Statistical Survey of Adverse Reactions to LSD in Los Angeles County." *American Journal of Psychiatry*, 125:352-357.
- Vaillant, G. E., 1967, "The Prediction of Recovery in Schizophrenia." In *Current Issues in Psychiatry*, vol. 2. New York: Science House.
- Vetter, H. J., 1968, "New-Word Coinage in the Psychopathological Context." *Psychiatric Quarterly*, 42:298-312.
- Vico, G., 1725, Principi di Una Scienza Nuova. Naples.
- Vinchon, J., 1926, "Essai d'analyse des tendances de l'art chez les fous." L'Amour de l'Art, 7:246-248.
- ____, 1950, L'Art et la Folie. Paris: Stock.
- Vogt, C., and Vogt, O., 1954, "Alterations anatomiques de la schizophrenic et d'autres psychoses dites fonctionelles." In *Proceedings of the First International Congress of Neuropathology.* Turin: Rosenberg & Sellier.

- Volmat, R., 1955, *L'Art Psychopathologique*. Paris: Presses Universitaires de France.
- Von Domarus, E., 1925, "Uber die Besiehung des Normalen zum Schizophrenen Denken." *Arch. Psychiat.*, 74:641.
- ______, 1944, "The Specific Laws of Logic in Schizophrenia." In Kasanin, J. S. (ed.), *Language and Thought in Schizophrenia: Collected Papers*, pp. 104-114. Berkeley: University of California Press.
- Von Meduna, L., 1937, *Die Konvulsionstherapie der Schizophrenie*. Halle: Marhold.
- Von Monakow, C. V., 1914, *Die Lokalisation in Grosshirn und der Abbau der Functionen durch Korticale.* Wiesbaden, Herde: Bergmann.
- Von Monakow, C. V., and Mourgue, R., 1928, *Introduction biologique a Vetude de la neurologie et de la psychopathologie*. Paris: Alcan.
- Von Senden, M., 1960, Space and Sight. The Perception of Space and Shape in Congenitally Blind Patients Before and After Operation. London: Methuen.
- Vygotsky, L. S., 1934, "Thought in Schizophrenia." *Archives of Neurology and Psychiatry*, 31:1036.
- _____, 1962, *Thought and Language*. Cambridge, Mass.: M.I.T. Press.
- Waelder, R., 1925, "The Psychoses: Their Mechanisms and Accessibility to Influence." *International Journal of Psychoanalysis*, 6:259-281.

- Wainwright, W. H., 1966, "Fatherhood as a Precipitant of Mental Illness." American Journal of Psychiatry, 123:40-44.
- Wallace, M., 1956, "Future Time Perspective in Schizophrenia." *Journal of Abnormal Social Psychology*, 52:240-245.
- Walter, W. G., 1942, "Electro-Encephalography in Cases of Mental Disorder." *Journal of Mental Science*, 88:110.
- Waring, M., and Ricks, D., 1965, "Family Patterns of Children Who Became Adult Schizophrenics." *Journal of Nervous and Mental Disease*, 140:351-364.
- Wames, H., 1968, "Suicide in Schizophrenics." In *Toward a Definition of Schizophrenia*, Supplement to Diseases of the Nervous System, 29 (5).
- Watzlawick, P., 1963, "A Review of the Double Bind Theory." *Family Process*, 2:132-153.
- Weckowicz, T. E., 1957, "Size Constancy in Schizophrenic Patients." *Journal of Mental Science*, 103:432.
- ______, 1960, "Perception of Hidden Pictures by Schizophrenic Patients." Archives of General Psychiatry, 2:521-527.
- Weckowicz, T. E., and Blewett, D. B., 1959, "Size Constancy and Abstract Thinking in Schizophrenic Patients," *Journal of Mental Science*, 105:909.
- Weckowicz, T. E., and Sommer, R., 1960, "Body Image and Self-Concept in

- Schizophrenia." Journal of Mental Science, 106:17-39.
- Weckowicz, T. E., Sommer, R., and Hall, R., 1958, "Distance Constancy in Schizophrenic Patients." *Journal of Mental Science*, 104:436.
- Weil-Malherbe, H., and Szara, S. I., 1971, *The Biochemistry of Functional and Experimental Psychoses*. Springfield, 111.: Thomas.
- Weil, A., Liebert, E., and Heilbrunn, G., 1938, "Histopathologic Changes in the Brain in Experimental Hyperinsulinism." *Archives of Neurology and Psychiatry*, 39:467.
- Weiner, I. B., 1966, *Psychodiagnosis in Schizophrenia*. New York: Wiley.
- Weinstein, M. R., 1954, "Histopathological Changes in the Brain in Schizophrenia." *Archives of Neurology and Psychiatry*, 71:539-553.
- Werner, H., 1956, "Microgenesis and Aphasia." *Journal of Abnormal Social Psychology*, 52:347-353.
- ______, 1957, Comparative Psychology of Mental Development. New York:
 International Universities Press.
- Werner, H., and Kaplan, B., 1963, Symbol Formation: An Organismic-Developmental Approach to Language and the Expression of Thought. New York: Wiley.
- Werry, J. S., 1968, "Studies on the Hyperactive Child. An Empirical Analysis of the Minimal Brain Dysfunction Syndrome." *Archives of General Psychiatry*, 19:9—16.

- Wertham, F., 1937, "The Catathymic Crisis." *Archives of Neurology and Psychiatry*, 37:974.
- Wertheimer, N., and Wertheimer, M., 1955, "Capillary Structure: Its Relation to Psychiatric Diagnosis and Morphology." *Journal of Nervous and Mental Disease*, 122:14-27.
- West, L. J. (ed.), 1962a, Hallucinations. New York: Grune & Stratton.
- _____, 1962*b*, "A General Theory of Hallucinations and Dreams." In West, 1962a.
- Wexler, M., 1952, "The Structural Problem in Schizophrenia: The Role of the Internal Object." In Brody, M. W., and Redlich, F. C., *Psychotherapy with Schizophrenics*. New York: International Universities Press.
- Weygandt, W. 1902, *Atlas und Grundiss der Psychiatrie*. Lehmanns Atlantin. Quoted by Bleuler, 1950.
- White, M. J., 1952, "Discussion of Paper by Semrad, Menzer, Mann, and Standish." *Psychiatry*, 15:384-385.
- Will, O. A., 1967, "Schizophrenia: Psychological Treatment." In Freedman, A. M., and Kaplan, H. I., *Comprehensive Textbook of Psychiatry*. Baltimore: Williams and Wilkins.
- _____, 1970, "The Psychotherapeutic Center and Schizophrenia." In Cancro, B. (ed.), *The Schizophrenic Reactions*. New York: Brunner-Mazel.
- _____. 1972, "Catatonic Behavior in Schizophrenia." *Contemporary Psychoanalysis*, 9:29-58.

- Wilson, G. C., 1968, "Suicide in Psychiatric Patients Who Have Received Hospital Treatment." *American Journal of Psychiatry*, 125:752-757.
- Wing, J. K., 1967, "Social Treatment, Rehabilitation and Management." In Copper, A., and Wall, A., *Recent Developments in Schizophrenia*. Ashford: Headley.
- Wing, J. K., and Brown, G. W., 1961, "Social Treatment of Chronic Schizophrenia: A Comparative Survey of Three Mental Hospitals." The Journal of Mental Science, 107:847-861.
- Winkelman, N. W., 1952, "Histopathology of Mental Disease." In *The Biology of Mental Health and Disease*. New York: Hoeber.
- Winkelman, N. W., and Moore, M. T., 1944, "Neurohistological Findings in Experimental Electric Shock Treatment." *Journal of Neuropathology and Experimental Neurology*, 3:199.
- Winnicott, D. W., 1945, "Primitive Emotional Development." In Winnicott, D. W., *Collected Papers*. London: Tavistock, 1958.
- Witenberg, E. G., 1974, "The Interpersonal and Cultural Approaches." In Arieti, S. (ed.), *American Handbook of Psychiatry,* Second Edition, vol. 1. New York: Basic Books.
- Witte, F., 1922, "Uber Anatomische Untersuchungen der Schildriise bei der Dementia Praecox." *Ztschr.f. d. ges. Neurol, u. Psychiat.*, 80:1901.
- Wolf, A., and Cowen, D., 1952, "Histopathology of Schizophrenia and Other Psychoses of Unknown Origin." In *The Biology of Mental Health and Disease*. New York: Hoeber.

- Wolman, B. B., 1966, *Vectoriasis Praecox or the Group of Schizophrenia*. Springfield, Ill.: Thomas.
- Woolley, D. W., and Shaw, E., 1954, "A Biochemical and Pharmacological Suggestion about Certain Mental Disorders." *Science*, 119:587-588.
- Wynne, L. C., Ryckoff, I. M., Day, J., and Hirsch, S., 1958, "Pseudomutuality in the Family Relations of Schizophrenics." *Psychiatry*, 21:205-220.
- Wynne, L. C., and Singer, M. T., 1963, "Thought Disorder and Family Relations of Schizophrenics. A Research Strategy. II. A Classification of Forms of Thinking." *Archives of General Psychiatry*, 9:191-206.
- Yap, P. M., 1952, "The Latah Reaction: Its Pathodynamics and Nosological Position." *Journal of Mental Science*, 98:515.
- Yerkes, R. M., 1934, "Modes of Behavioral Adaptation in Chimpanzees to Multiple Choice Problems." *Comp. Psychol. Mono.*, 10.
- Yerkes, R. M., 1943, *Chimpanzees. A Laboratory Colony.* New Haven, Conn.: Yale University Press.
- Yolles, S. F., and Kramer, M., 1969, "Vital Statistics." In Beliak, L., and Loeb, L., *The Schizophrenic Syndrome.* New York: Grune & Stratton.
- Zee, N. R., 1965, "Pseudoschizophrenic Syndrome." *Psychiat. et Neurol.*, 149:197-209.
- Zeigamik, B., 1965, *The Pathology of Thinking*. New York: Consultants Bureau Enterprises.

- Ziferstein, I., 1967, "Psychological Habituation to War: A Sociopsychological Case Study." *American Journal of Orthopsychiatry*, April.
- Zilboorg, G., 1928, "Malignant Psychoses Related to Childbirth." *American Journal of Obstetrics and Gynecology*, 15:145—158.
- _____, 1929, "The Dynamics of Schizophrenic Reactions Related to Pregnancy and Childbirth." *American Journal of Psychiatry*, 8:733-767.
- _____, 1941, A History of Medical Psychology. New York: Norton.
- Zwerling, I., 1966, "The Psychiatric Day Hospital." In Arieti, S. (ed.), *American Handbook of Psychiatry,* 1st ed., vol. 3, pp. 563-576. New York: Basic Books.

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- "Primitive Habits in the Preterminal Stage of Schizophrenia." *Journal of Nervous and Mental Disease.* Vol. 102, 1945, pp. 367-375.
- "The Processes of Expectation and Anticipation." *Journal of Nervous and Mental Disease.* Vol. 106, 1947, pp. 471-481.
- "Autistic Thought. Its Formal Mechanisms and Its Relationship to Schizophrenia." *Journal of Nervous and Mental Disease.* Vol. Ill, 1950, pp. 288-303.
- "The Possibility of Psychosomatic Involvement of the Central Nervous System in Schizophrenia." *Journal of Nervous and Mental Disease*, Vol. 123, 1956, pp. 324-333.
- "Volition and Value: A Study Based on Catatonic Schizophrenia."

Comprehensive Psychiatry, Vol. 2, 1961, pp. 74-82.

- "Schizophrenic Thought." *American Journal of Psychotherapy,* Vol. XIII, 1959, pp. 537-552.
- "Hallucinations, Delusions, and Ideas of Reference." *American Journal of Psychotherapy*, Vol. 16, 1962, pp. 52-60.
- "The Schizophrenic Patient in Office Treatment." Psychother. Schizophrenia, 3rd International Symposium, Lausanne, Switzerland, 1964, pp. 7-23. (Karger)
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