

INDEX TO VOL. LXXXIV.

The General Index covers original articles, reviews and the epitome, and includes subjects dealt with as well as the titles of articles.

The following names are printed in SMALL CAPITALS: authors of original articles and of books reviewed. Names of authorities referred to in the text are in ordinary type.

(R.) indicates a *Review*; the title of the book reviewed is followed by the author's name, thus: "Psycho-analysis and its Derivatives, by H. Crichton-Miller (R.)."

(E.) indicates the *Epitome* section; the title of the abstract is followed by the author's name, thus: "Age and human ability. Miles, W. R. (E.)."

The names of authors referred to in the Epitome section are listed in Part II.

PART I.—GENERAL INDEX.

- Acetaldehyde, autolytic formation of, from monosaccharides (E.), 244
 Acetarsone in treatment of syphilis. Zakon, S. J. (E.), 248
 Acetylcholine: action of choline derivatives. Renshaw, R. R., Green, D., and Ziff, M. (E.), 1102
 ,, and derivatives in myasthenia gravis. Fraser, F. R., McGeorge, M., and Murphy, C. E. (E.), 253
 ,, and nervous influx in central nervous system (E.), 867
 ,, cholinergic nerves in invertebrates. Bacq, Z. M. (E.), 228
 ,, derivatives, synergism of prostigmin and mecholyl (E.), 251
 ,, effect of, on strychnine convulsions (E.), 248
 ,, ,, on experimental convulsions, 739
 ,, hypertensive action in atropinized animals and relation to 933 F. Lombroso, U., and Bonsignore, A. (E.), 224
 ,, formation in brain in vitro, mechanism of. Mann, P. J. G., Tennenbaum, M., and Quastel, J. H. (E.), 1102
 ,, in central nervous system, water-insoluble form of. Loewi, O. (E.), 241
 ,, in chemical mediation of nerve impulses (E.), 226
 ,, in neuro-muscular transmission (E.), 227, 228
 ,, in relation to myasthenia gravis (E.), 435
 ,, mechanism of biological synthesis of. Mann, P. J. G., Tennenbaum, M., and Quastel, J. H. (E.), 1102
 ,, ,, of sensitivity to. Kahane, E., and Levy, J. (E.), 241.
 ,, see also Choline esterase
 Acetylcholinesterase, significance of. Kahlson, G., and Uvnas, B. (E.), 1101
 Achondroplasia and mongolism in twins (E.), 448
 Acid-base balance of blood in migraine (E.), 242
 ,, ratio in schizophrenics, 162
 ADAMS, E. W., Drug Addiction (R.), 402
 Adaptability in a group of teachers. Daldy, D. M. (E.), 418
 Adaptation in isolated cold spots. Jenkins, W. L. (E.), 418
 Adolescence, disorders of, importance of diagnosis and treatment of, by Emanuel Miller, 1072
 ,, types of, Bernfeld, S. (E.), 1098
 Adolescents, conflicts of, with their mothers. Block, V. L. (E.), 420
 Adrenal Cortex and Intersexuality, by L. R. Broster and others (R.), 853
 ,, ,, in mongolism (E.), 449
 ,, medulla, influence of destruction of, on emotional hyperglycæmia. Harris, R. E., and Ingle, J. D. (E.), 245

- Adrenaline effect, inversion by treatment with 933 F, whether due to parasympathetic excitation.
Lombroso, U., and Zumma, C. (E.), 223
 ,, ,, of, on vasomotor reflexes. Chu and Hsu (E.), 1096
 ,, effect on blood-sugar curve in schizophrenia, 752
 ,, hyperglycaemia, attempt to condition. Gantt, W. H., Katzenelbogen, S., and Loucks, R. B. (E.), 245
- Affective disorders, review of 144 cases after 7 years. Hohman, L. B. (E.), 875
 ,, ,, *see also under* Manic-depressive psychosis
- After-care, powers bestowed by Mental Treatment Act, 1930, 195
- Aggressive-submissive behaviour and the Fröhlich syndrome. Levy, D. M. (E.), 230
- Ajmaline, action of, in nerve impulses. Chopra, R. N., *et al.* (E.), 248
- Aktedron (benzedrine phosphate), a new brain-stimulating agent, effects of. Lehoczky, T. (E.), 886
 ,, (,, ,,), biological effect of. Csinady, J., and Dirner, Z. (E.), 886
- Alcohol addicts, polyneuritis of, effects of vitamin B₁ therapy in (E.), 1115
 ,, mechanism of transport to cerebro-spinal fluid (E.), 887
 ,, One Man's Meat—, by E. A. Strecker (R.), 854
 ,, poisoning, nystagmus in (E.), 253
 ,, psychopathy and psychoses associated with, by Louis Minski, 985
 ,, reaction of certain psychotic types to. Trapp, C. E., and Schube, P. G. (E.), 441
 ,, sudden withdrawal of, relationship to delirium tremens. Piker, P. (E.), 429
- Alcoholic psychoses, treatment of, with benzedrine sulphate. Reifenstein, E. C., and Davidoff, E. (E.), 1112
 ,, ,, treatment of, with thiamine chloride (synthetic vitamin B). Brodsky, M. E. (E.), 1112
- Alcoholics, vitamin C studies in (E.), 888
- Alcoholism as a cause of temporary insanity in criminal cases, 533
 ,, in Huntington's chorea, 46
 ,, in women, study of. Wall, J. H. (E.), 427
- Allogagnia, responsibility in mental disorder with special reference to, by W. Norwood East, 203
- ALLEN, CLIFFORD, relation of the psyche to the endocrine glands, 1091
 ,, *see* Broster, L. C.
- Allergic personality, 352
- Alpha intelligence test, 513
- Altitude, acclimatization and adaptation to, 416
 ,, effects of rapid ascent (E.), 416
 ,, high, psychophysiological studies at. McFarland, R. A. (E.), 416
- Alzheimer's disease, differences from Pick's disease (E.), 231
 ,, ,, (distribution of plaques in). Jervis, C. A. (E.), 429
- Alzheimer type, lesions of, in senile psychoses (E.), 433
- Amaurotic family idiocy and dementia infantilis: brain changes in, 112
 ,, ,, genetic basis of. Slome, D. (E.), 446
- America, The Mentally Ill in, by Albert Deutsch (R.), 844
- American Medicine: Expert Testimony Out of Court (R.), 844
- Amnesia and inhibition (E.), 420
 ,, anterograde, after head injuries in boxers, 349
 ,, for triazol therapy, 648
- Amphithymia. Blitzsten, N. L. (E.), 230
- Amusia, method of examination in. Ustvedt, H. J. (E.), 430
- Amyl nitrite, influence of, on triazol convulsions, 1003
 ,, ,, ,, on triazol convulsions, 659
- Amytal, sodium, effects of, on reactivity of hypothalamus (E.), 249
 ,, ,, hypnosis by, as aid to diagnosis, 902
 ,, ,, bibliography on, 946
- Anæmia, pernicious and subacute combined degeneration of cord (E.), 234
- Analeptics, action of (E.), 247, 248
- Analytic and synthetic processes in the different phases of life, by J. H. van der Hoop, 1060
- Anaphylaxis in decerebrated monkeys. Davidoff, L. M., Kopeloff, N., and Kopeloff, L. M. (E.), 891
- ANASTASI, A., Differential Psychology (R.), 406
- Anatomo-Physiologie Normale et Pathologique du Système Nerveux, by Pierre Masquin and J. O. Trelles (R.), 403
- Animals and Men, by David Katz (R.), 408

- ANNAN, D., psychotherapeutic possibilities in organic disease, 1089
- Anorexia nervosa. Vidart, L. (E.), 232
- Anoxæmia during pyretotherapy (E.), 1101
- ,, its effect on brain-tissue, 103
- ,, correlation with intelligence and blood-pressure (E.), 434
- Anoxia at birth, cerebral injury due to (E.), 1104
- ,, role of, in production of epileptiform seizures. Simpson, I., and Barker, M. H. (E.), 1099
- Anxiety, infantile, development of, in relation to frustration, aggression and fear, by Karin Stephen, 1068
- Apomorphine, formation of a conditioned vomiting reflex to (E.), 252
- Arsphenamine medication, changes in central nervous system following. Russell, D. S. (E.), 250
- Ascorbic acid content of human cerebro-spinal fluid. Melka, J., and Klimo, Z. (E.), 1108
- ,, ,, daily excretion of, in mental patients, 789
- ,, ,, in cerebro-spinal fluid, effect of diet on, in nervous and insane patients. Bagh, K. v. (E.), 1108
- ,, ,, see also Vitamin C
- Asthma, bronchial, and the nervous system, by Luigi Targon, 851
- ,, personality of sufferers from, 366
- ,, psychological approach to. Halliday, J. L. (E.), 423
- Athetoid synkineses in Huntington's chorea, 24
- Athetosis, treatment of, by section of extra-pyramidal tracts. Putnam, T. J. (E.), 882
- Automatic action, degrees of. Levin, M. (E.), 414
- Autonomic nerves, effect of osmotic pressure on (E.), 891
- ,, nervous system, Manoilov reaction with (E.), 239
- ,, ,, relation of, to carotid sinus and neuroses (E.), 237
- ,, ,, relation to pathogenesis of epilepsy (E.), 425
- Aversion and negativism. Diethelm, O. (E.), 421
- Babcock deterioration test in psychoses, 1044
- ,, ,, in schizophrenia (E.), 429
- Barbital, acute intoxication by, with symptoms of pyramidal irritation. Euzière, J., *et al.* (E.), 247
- Barbiturate bromide compound, treatment of epilepsy with a new. (E.), 441
- ,, picrotoxin antagonism, further study of. Krantz, J. C., *et al.* (E.), 883
- Barbiturates, effect of various analeptic drugs on poisoning by. Thiel, K. (E.), 247
- ,, hydrolysis of, as related to rate of onset of anæsthesia. Bush, M. T. (E.), 883
- ,, narcotic and toxic action of ethylbutylethylbarbituric acid. Panisset, L., and Grasset, E. (E.), 247
- ,, short acting, comparative study of (seconal and sodium amylal). Swanson, E. E., and Fry, W. E. (E.), 885
- ,, sodium butylethylbarbiturate (soneryl) in treatment of delirium tremens. Barges and Grimal (E.), 247
- Barium, eserine-like effects of, on motor nerve-endings (E.), 885
- Barrier, hæmato-encephalic, permeability of (E.), 171, 432, 755
- Beck, A., experiments on the origin of the Wassermann reaction in the cerebro-spinal fluid, 370
- BECK, SAMUEL J., Introduction to the Rorschach Methods (R.), 843
- Behaviour, Abnormal, A Biological Approach to the Problem of, by Milton Harrington (R.), 859
- ,, problems, endocrine disturbances in (E.), 417
- Benzedrine, behaviour of children receiving. Bradley, C. (E.), 887
- ,, phosphate (aktedron), effects of (E.), 886
- ,, sulphate and atropine in treatment of chronic encephalitis. Finkelman, J., and Shapiro, L. B. (E.), 1113
- ,, ,, effect of, on children taking the new Stanford achievement test. Molitch, M., and Sullivan, J. P. (E.), 886
- ,, ,, on mood and fatigue in normal and neurotic persons. Myerson, A. (E.), 248
- ,, ,, in post-encephalitic parkinsonianism. Davis, P. E., and Stewart, W. B. (E.), 1113
- ,, ,, in treatment of alcoholic psychoses (E.), 1112
- ,, ,, temporary use of, in supposedly normal young men. Gwynn, H. B. (E.), 1112

- Benzedrine therapy in self-absorbed patients. Davidoff, E. (E.), 442
- Beta intelligence test, 514
- Birth injury in mental deficiency, 702
- " " Lesions of the Central Nervous System by, by H. Nevinny (R.), 409
- " " order of 582 malformed individuals. Murphy, D. P., and Mazer, M. (E.), 445
- Bismuth, excretion of, in urine, and transfer to cerebro-spinal fluid. Saemundsson, J. (E.), 253
- BLACKBURN, J. M., methods of estimating intelligence and personality and their applications, 1008
- Bladder, effect of diencephalic stimulation on. (E.), 414
- " " in catalepsy, 876
- BLAIR, DONALD, neurological manifestations seen during cardiazol and insulin treatments, 776
- Bleuler on home-sickness, 816
- Blood, acid-base ratio of, 162, 242
- " " and spinal fluid, magnesium and calcium levels in epilepsy and convulsive states. Greenberg, D. M., and Aird, R. B. (E.), 1107
- " " cerebro-spinal fluid barrier, 432, 755
- " " " " in insulin therapy, 171
- " " flow, velocity of, in schizophrenia. Finesinger, J. E., Cohen, M. E., and Thomson, K. J. (E.), 890
- " " mineral content of, in neurotic patients. Petrunkina, A., *et al.* (E.), 242
- " " osmotic pressure of, action of narcotics on brain-centre regulating (E.), 885
- Blood-pressure at onset of periodic catatonia, 613
- " " effect of oxygen deprivation on (E.), 434
- Blood-pressures in cardiazol treatment, 748, 757
- " " in triazol treatment, 659
- Blood sedimentation reaction in different mental diseases. Izikowitz, S., and Lundquist, G. (E.), 243
- Blood-serum, from testicular vein, therapy with, in the insane. Melgar, R., and Peluffo, J. L. (E.), 1111
- Blood-sugar, calcium, etc., *see under* Sugar, calcium, etc.
- Blood transfusion in hypnotic drug poisoning. Ito, H. (E.), 251
- " " mitogenetic, for mental diseases (E.), 251
- " " volume, circulating, in mental disorders. Finkelman, I., and Haffron, D. (E.), 433
- Boarding-out of mental patients in the Scottish Highlands, by J. A. W. Stone and A. Edward Evans, 381
- BOENHEIM, C., the scope of child psychotherapy, 1059
- BOWMAN, KARL, Towards Peace of Mind (R.), 405
- Boxers, observations on; disturbances of consciousness after head injuries, by E. Guttman and C. E. Winterstein, 347
- Brain extracts, alleged convulsant properties of. Keith, H. M., and McEachern, D. (E.), 1096
- " " histology of circulatory disturbances of, by A. Meyer, 97
- " " injury to, in the newborn, due to anoxia at birth. Schreiber, F., and Gates, N. (E.), 1104
- " " " " (E.), 1100
- " " " " vestibulo-visual-parietal syndrome following (E.), 1099
- " " iron content of, 980
- " " mechanisms and variability. Krechersky, I. (E.), 418
- " " metabolism and excitation (E.), 226
- " " " " during hypoglycæmic treatment of schizophrenia. Himwich, H. E., Bowman, K. M., Wortis, J., and Fazekas, J. F. (E.), 254
- " " " " effect of pyocyanine on (E.), 245
- " " " " of, effect of hypoglycæmia on (E.), 433
- " " " " of, studies on phosphatases, 947
- " " nitrogen metabolism of, effect of high surrounding temperature on. Epelbaum, S. E., and Myshkis, M. S. (E.), 244
- " " oxidations, effects of ether on (E.), 434
- " " proteins of, effect of age on amino-acid composition of. Block, R. J. (E.), 241
- " " respiration, action of narcotics on (E.), 1111
- " " " " of, and inositol (E.), 241
- " " tissue, formation of phosphatides in (E.), 891
- " " weights of, and of its parts, of the spinal cord and the eyeballs in the cat. Latimer, H. B. (E.), 1096
- Braun on home-sickness, 815

- Bulbocapnine and harmine, action of, on cats (E.), 882
 ,, some undescribed pharmacological properties of. Molitor, H. (E.), 886
 BUTLER, G. C., *see* Broster, L. R.
 BUYTENDIJK, F. J. J., The Mind of the Dog (R.), 409
 BRAZIER, M. A. B., *see* Sargant
 BROSTER, L. R., and others, The Adrenal Cortex and Intersexuality (R.), 853
 BROWN, Graham, experiments by, on cerebral cortex, 10
 BROWN, WILLIAM, psychological problems of the mature personality, 1066
- Caffeine sodio-benzoate in treatment of catatonia (E.), 443
 Calcium and magnesium in blood and cerebro-spinal fluid in epilepsy (E.), 1107
 ,, in blood in insulin therapy, 174
 ,, in blood in the psychoses. Atkin, I. (E.), 242
 ,, in plasma and cerebro-spinal fluid (E.), 888
 ,, *see also* Cerebro-spinal fluid
 Camphor convulsion treatment (Meduna), 741
 ,, monobromide and epilepsy (E.), 254
 ,, ,, experiments with, 738
- Car sickness in children, psychiatric study of. Conn, J. H. (E.), 876
 Carbohydrate exchange in nervous tissue. Fomin, S. V., and Butnitskaya, P. M. (E.), 244
 ,, metabolism of brain, glycolytic enzyme system (E.), 1106
 ,, ,, isolation of glycogen. Kerr, S. E. (E.), 1106
- Carbon disulphide poisoning. Cordy, S. T., and Trumper, M. (E.), 1100
 ,, monoxide poisoning, effect of certain analeptics on (E.), 247
- Cardiac complications in cardiazol treatment (abstract), by A. Dick and W. McAdam, 677
 Cardiazol and insulin, the combined method, by Leonard Russell, 672
 ,, and insulin therapy, neurological manifestations seen during, by D. Blair, 776
 ,, action of, on splanchnic circulation of dog. Nadler, J. E., and Berger, A. R. (E.), 1110
 ,, convulsion, nature of, 741
 ,, ,, on the mechanism of the, by J. A. F. Denyssen and D. J. Watterson, 1002
 ,, convulsions, influence of vaso-depressant drugs, 1002
 ,, convulsions, range of mental reactions influenced by, by L. C. Cook, 664
 ,, fit, physiological concomitants, 742
 ,, fits, physiology, 738
 ,, -insulin treatment combined, 150
 ,, pharmacology of, 736
 ,, shock, biochemical mechanism of (E.), 1109
 ,, therapy, complications, 576
 ,, ,, in New York State Hospitals, statistics, 633
 ,, ,, leucocyte picture in, 743
 ,, ,, six months' experience with, by G. S. Nightingale, 574
 ,, treatment of psychoses. Singer, H. D. (E.), 1110
 ,, ,, of schizophrenia. Finkelman I., Steinberg, D. C., and Liebert, E. (E.), 1110
 ,, ,, of schizophrenia, by Arthur Harris, 735
 ,, ,, twenty cases treated with. Balado, L. E., and Martinez-Dalke, L. M. (E.), 1110
 ,, *see also under* Convulsion therapy
- CARMICHAEL, H. T., and MASSERMAN, J. H., diagnosis and prognosis in psychiatry, 893
 Carotid sinus, relation of, to autonomic nervous system and neuroses. Ferris, E. B., Capps, R. B., and Weiss, S. (E.), 237
- Catatonia in mice produced by substances from human urine (E.), 1104
 ,, periodic, disturbances of somatic functions in, by R. Gjessing, 608
 ,, produced by the introduction of heavy water into the cerebro-spinal fluid. Herrmann, J. B., and Barbour, H. C. (E.), 237
 ,, therapy by caffeine sodio-benzoate and amytal in. Broder, S. B. (E.), 443
- Catatonic effects of parathyroid B toxin. De Nigris, G., and Mariani, G. (E.), 441
 ,, stupor, vasomotor reactions and heat regulation in (E.), 424
- Cerebral arteriosclerosis, vitamin C in urine in, 542
 ,, circulation, vasodilation in the pia following stimulation of geniculate ganglion. Forbes, H. S., *et al.* (E.), 224
 ,, cortex, experiments on (Graham Brown, Lashley, Dandy, Jefferson), 10
 ,, ,, relation of, to grasp reflex, and to postural and righting reflexes. Bieber, I., and Fulton, J. F. (E.), 1096

- Cerebral cortex, somatic motor and sensory representation in. Penfield, W., and Boldrey, E. (E.), 868
- ,, frontal agenesis with epilepsy. Bateman, J. F. (E.), 235
- ,, function, effect of frontal lobe lesions in monkeys. Jacobsen, C. F., and Nissen, H. W. (E.), 418
- ,, hemisphere, left, defects of intelligence from focal lesions within. Alford, L. B. (E.), 877
- ,, ,, removal of right, mental changes after (E.), 877
- ,, tumour: incidence and mental manifestations of intracranial neoplasms. Hoffman, J. L. (E.), 878
- ,, ,, removal of right hemisphere for, mental changes following. Rowe, S. N. (E.), 877
- ,, ,, subtentorial mental symptoms with. Keschnor, M., Bender, M. B., and Strauss, I. (E.), 230
- Cerebro-spinal fluid, amylase and lipase in. Poli, E. (E.), 238
- ,, ,, bismuth in (E.), 253
- ,, ,, brain-digesting capacity of. Buchler, P. (E.), 244
- ,, ,, calcium in, and in plasma, Cameron, A. T., and Moorhouse, V. H. K., 888
- ,, ,, carbonic acid content of, animal experiments on. Kasahara, M., and Yasuda, I. (E.), 239
- ,, ,, chemical changes in, after operations. Tzovaru, S., and Theodoresco, D. (E.), 238
- ,, ,, ,, modifications in, after operations. Tzovaru, S., *et al.* (E.), 887
- ,, ,, chemistry of, in schizophrenia (E.), 432
- ,, ,, chlorides of, in histamine shock (E.), 431
- ,, ,, creatine retention in (E.), 1106
- ,, ,, diastase content of (E.), 435
- ,, ,, especially chlorine content, in dementia præcox. Mugle, G. (E.), 1106
- ,, ,, globulin of. Strobel, T. (E.), 887
- ,, ,, globulins in insulin therapy, 171
- ,, ,, gold sol for examination of, new modification of preparation of. Unghvary, L. (E.), 1106
- ,, ,, heat coagulation test for. Rosegger, H. (E.), 1107
- ,, ,, hydrochloric acid—collargol reaction in. Riebeling, C. (E.), 1107
- ,, ,, in lymphogranulomatous genito-ano-rectal syndrome. Cruz, H. (E.), 888
- ,, ,, introduction of heavy water into, catatonia produced by (E.), 237
- ,, ,, lead content of. (E.), 239
- ,, ,, mechanism of transport of alcohol to. Goldberg, L. (E.), 887
- ,, ,, neuro-muscular responses to calcium and potassium concentrations in. Mullin, F. J., Hastings, A. B., and Lees, W. M. (E.), 1106
- ,, ,, obtained by occipital puncture, central excitatory agent in. Page, I. H. (E.), 239
- ,, ,, of syphilitics, course of changes in. Lomholt, E. (E.), 435
- ,, ,, pH of, during meningitis in children. Cherkasova, A. V., and Sholkver, Y. (E.), 1107
- ,, ,, polypeptides in, in general paralysis (E.), 246
- ,, ,, pressure, reduction of, by concentrated lyophile serum. Strecker, E. A., Bond, D., Wright, D., and Hughes, J. (E.), 1107
- ,, ,, protein fractions of. (E.), 888
- ,, ,, ,, in, investigation of, with polarograph. Seuberling, O., (E.), 238
- ,, ,, sodium chloride in, in tuberculous meningitis. Ingham, J. (E.), 238
- ,, ,, some physical-chemical constants of, in mental diseases. Sozi, Y. I., and Serafimov, B. N. (E.), 237
- ,, ,, sugar constant in rabbits. Fridman, A. P., and Arkina, R. Kh. (E.), 238
- ,, ,, ,, content of, in insulin therapy, 682
- ,, ,, ,, in, in insulin treatment. (E.), 1109
- ,, ,, Takata reaction in, 378
- ,, ,, vitamin C content of. (E.), 1108
- ,, ,, ,, and glutathione in. Fridman, A. P. (E.), 238
- ,, ,, ,, content of, in experimental animals. Kasahara, M., Michio, and Gammo, H. (E.), 238
- ,, ,, ,, ,, in hypovitaminotic monkeys. Kasahara, M., Taksumi, M., and Gammo, H. (E.), 239
- ,, ,, ,, ,, in nerve diseases. (E.), 888

- Cerebro-spinal fluid, Wassermann reaction in, experiments on the origin of the, by A. Beck, 370
 ,, ,, *see also* Calcium, magnesium, etc.
- Chambers, James (obituary), 591
- Character qualities. Baumgarten, F. (E.), 417
- Child at Play, by Marjorie Thorburn (R.), 859
 ,, position of, in the delusional system of the mother. Bärtschi-Rochaix, F. (E.), 870
 ,, psychology and the unconscious (E.)
 ,, psychotherapy, the scope of, by C. Boenheim, 1059
- Childhood, psychotherapy of, theory and use of play in, 1057
- Children, brilliant, and their particular difficulties. Nevill, E. M. (E.), 872
 ,, emotional problems in, study of drawings as approach to (E.), 421
 ,, intellectually subnormal, conduct disorders of. Lurie, L. L. (E.), 449
 ,, schizophrenia-like psychoses in, by R. A. Q. Lay, 105
 ,, schizophreniform psychoses in (E.), 874
 ,, suicidal preoccupations and attempts in. Bender, L., and Schilder, P. (E.), 427
 ,, Understanding our, by E. E. Mumford (R.), 406
- Children's Dreams, by C. W. Kimmins (R.), 858
- Chloride in blood, in insulin-treated cases of dementia præcox (E.), 1109
- Chlorides in cerebro-spinal fluid in tuberculous meningitis (E.), 238
 ,, of C.S.F. and brain in histamine shock. Marconi, F. (E.), 431
- Chlorine in cerebro-spinal fluid in dementia præcox (E.), 1106
- Cholesterol in disseminate sclerosis (E.), 244
- Choline derivatives, acetylcholine action of, a basis for (E.), 1102
 ,, esterase content of blood in myasthenia gravis. Stedman, E., and Russell, W. R. (E.), 435
 ,, ,, content of spinal cord. Martini, E., and Torda, C. (E.), 1103
 ,, ,, in central nervous system. Nachmansohn, D. (E.), 241
 ,, ,, in nerve tissue. Nachmansohn, D. (E.), 1103
 ,, ,, of the muscles after section of the spinal cord and after denervation. Martini, E., and Torda, C. (E.), 1103
 ,, ,, *see also* Acetylcholine
- Chondro-osteo-dystrophy, Hurler type (gargoylism) (E.), 447
- Chorea, artificial fever treatment of. Barnacle, C. H., Ewalt, J. R., and Ebaugh, F. C. (E.), 1113
 ,, Huntington's, *see* Huntington's chorea
 ,, senile (non-hereditary), pathology of. Alcock, N. S. (E.), 434
- Choroid plexus, permeability of. Renzetti, G. (E.), 432
- Chronaxie and mode of contraction in human muscle. Schiffer, H. (E.), 867
 ,, in relation to neuro-muscular transmission (E.), 227
 ,, of pressure and pain. Leff, W. S., and Dallenbach, K. M. (E.), 412
- Circulation, splanchnic, action of cardiazol on (E.), 1110
 ,, velocity of, in mental patients. Dimitrijevič, D. T. (E.), 432
- Circulatory diseases, psychotherapy for patients with, by B. Stokvis, 1081
 ,, disturbances of the brain, histology of, by A. Meyer, 97
- Codeine tolerance and distribution in the central nervous system. Hara, K. (E.), 253
- COHEN, LOUIS H., imagery and its relation to schizophrenic symptoms, 284
- COHEN, J. I., determinants of physique, 495
- Cold spots, adaptation in (E.), 418
- Colitis, ulcerative, personal studies in, by E. Wittkower, 1064
- Conditioned reflex, concept of, and cortical experiments, 10
 ,, reflexes and emotional glycæmia. Cahane, M. (E.), 867
 ,, ,, changes in, produced by mescaline poisoning. (E.), 252
 ,, ,, use of bromine and caffeine in a castrate dog during a prolonged neurosis. Petrova, M. K. (E.), 250
 ,, responses to light in monkeys after removal of occipital lobes. Marquis, D. G., and Hilgard, E. R. (E.), 415
 ,, vomiting reflex to apomorphine. Dubinin, F. G. (E.), 252
- Conditioning of adrenaline hyperglycæmia (E.), 245
- Configurations in play. Homburger, E. (E.), 229
- Confusional mental states in immigrants, 812
 ,, syndrome, ætiology of, and the use of T.A.B. vaccine, by D. N. Parfitt, 563
 ,, insanity with chronic sepsis, 549
- Consanguinity and mental disorder, by T. A. Munro, 708

- Consciousness, disturbances of, after head injuries, by E. Guttmann and C. E. Winterstein, 347
 ,, of self (William James), 8
 CONSTANTINE, N. D., *see* Minski, L.
 Constitutional types and relative growth, 507
 ,, ,, anthropometric indices for differentiation of. Strömgren, E. (E.), 867
 Convicts, observations on two hundred Dartmoor, by John J. Landers, 960
 Convulsant properties, alleged, of brain extracts (E.), 1096
 Convulsion therapy, cardiac complications in, by A. Dick and W. McAdam, 999
 ,, ,, discussion of papers on, 685
 ,, ,, of schizophrenia by cardiazol. Delgado, H. (E.), 879
 ,, ,, laryngeal spasm in, 674
 ,, ,, sugar in blood in, 652, 753
 ,, ,, with triazol 156, by Alexander Walk and W. Mayer-Gross, 637
 ,, treatment of schizophrenia: Berne-Munsingen Congress (E.), 436
 ,, ,, *see also under* Cardiazol, Triazol
 Convulsions, cardiazol, physiology of, 738
 ,, in insulin therapy, 681, 727
 ,, in triazol therapy, nature of, 641
 ,, induced by cardiazol, results and remarks on the problem of. Wichmann, B. (E.), 880
 ,, multiple, with triazol, 647, 661
 ,, provocation by cardiazol; investigations on animals. Stender, A. (E.), 880
 Cook, L. C., the range of mental reactions influenced by cardiazol convulsions, 664
 Cornu ammonis, ischæmic changes in, 99
 Corpus callosum, agenesis of the, by J. S. Lloyd and J. N. Jacobson, 995
 ,, ,, primary degeneration of (Marchiafava's disease). King, L. S., and Meehan, M. C. (E.), 236
 ,, striatum, *see* Striatum
 Corpuscular acid-base ratio in schizophrenics, 162
 COURTNEY, P. G., *see* Kearney
 Cousin marriage, 709
 Creatine metabolism in post-encephalitic parkinsonism. Vianello-Pierguidi, S. (E.), 243
 ,, retention in blood and cerebro-spinal fluid. Bolliger, A., and Carrodus, A. L. (E.), 1106
 Crichton-Browne, Sir James (obituary), 589
 Criminal law, continental, in relation to mental disease, by H. Mannheim, 524
 Criminals, causation of, 974
 ,, mental classification of, 206
 ,, observations on 200 Dartmoor convicts, 960
 ,, suggested classification of, 975
 Criminality in Huntington's chorea, 46
 CURTIS, R. H., legal and administrative developments in mental treatment, 183
 Dandy, experiments on cortex, 10
 Deafness from drugs or chemical poisons, mechanism of. Taylor, H. M. (E.), 249
 Delinquent girls, psychopathology and treatment. Powdermaker, F., Levis, H. T., and Touraine, G. (E.), 449
 Delinquents, mental testing of, by F. H. Taylor, 513
 Delirium tremens, relation of sudden withdrawal of alcohol to (E.), 429
 ,, ,, soneryl in the treatment of (E.), 247
 Delusions of mother, position of child in (E.), 870.
 Dementia infantilis, 110, 129
 ,, præcocissima, 109, 129, 130
 Demyelination in disseminate sclerosis (E.), 890
 ,, of nervous system, lipoid content of blood in (E.), 891
 DENYSSEN, J. A. F., and WATTERSON, D. J., on the mechanism of the cardiazol convulsion, 1002
 Depression, agitated, prepsychotic personality of patients with. Tibley, W. B. (E.), 875
 Depressions of later life, psycho-analysis in (E.), 423
 Depressive states, dynamics and therapy of. Lorand, S. (E.), 422
 ,, ,, *see also under* Melancholia, manic-depressive psychosis
 Determinants of physique, by J. I. Cohen, 495
 Detoxication, faulty, in schizophrenia, by J. H. Quastel and W. T. H. Wales (abstract), 622
 DEUTSCH, ALBERT, The Mentally Ill in America (R.), 844

- Dewey's reflex arc concept in psychology, 12
- Diabetic psychoses. Lindberg, B. J. (E.), 428
- Diagnosis and prognosis in psychiatry, by J. H. Masserman and H. T. Carmichael, 893
- " changes in, after follow-up of cases, 928
- Diagnostic problems: review of literature, 932
- Diastase content of ventriculo-subarachnoid cavity compared with that of blood. Christiansen, H. (E.), 435
- DICK, A., and McADAM, W., cardiac complications in cardiazol treatment, 677, 999
- Diencephalic stimulation, effect of, on urinary bladder tonus. Beattie, J., and Kerr, A. S. (E.), 414
- Differential Psychology, by A. Anastasi (R.), 406
- Dirt, fantasy of. Kubie, L. S. (E.), 870
- Disseminate sclerosis and allied conditions, pathological features of. Hassin, G. P. (E.), 890
- " " cholesterol metabolism in. Frisch, C. (E.), 244
- " " histopathology of cerebral lesions of. Greenfield, J. G., and King, L. S. (E.), 435
- " " lead content of cerebro-spinal fluid in (E.), 239
- " " lipase and cholesterol determinations in. Altmann, O., and Goldhammer, H. (E.), 244
- " " "silver cells" in (E.), 890
- " " vascular architecture of lesions of. Putnam, T. J., and Adler, A. (E.), 435
- Dix, Dorothea, Forgotten Samaritan, by Helen E. Marshall (R.), 846
- Dog, The Mind of the, by F. J. J. Buytendijk (R.), 409
- Dominant characters in mental deficiency, 697
- Dorsal root rudiment, 460
- Doryl, *see* Acetylcholine
- Dostoyevsky, psychopathology of. Squires, P. C. (E.), 422
- Dream Analysis, by Ella Sharpe (R.), 850
- " structure and intellect. Barahal, H. S. (E.), 417
- " studies in hallucinated patients. Trapp, C. E., and Lyons, R. H. (E.), 429
- Dreams, Children's, by C. W. Kimmins (R.), 858
- Drug Addiction, by E. W. Adams (R.), 402
- " " clinical studies of. Kolb, L., and Himmelsbach, C. K. (E.), 877
- Dysdiadochokinesis in Huntington's chorea, 24
- Dysentery—its control by prophylactic inoculation, by K. C. L. Paddle, 134
- " prophylactic vaccine, 135
- " quarantine for, 144
- Ear, inner, influence of toxic substances on. Ross, E. L., and Lederer, L. G. (E.), 249
- EAST, W. NORWOOD: Responsibility in mental disorder, with special reference to algolagnia, 203
- Ego and the Mechanisms of Defence, by Anna Freud (R.), 851
- Electrical signs of cortical function in epilepsy and allied disorders. Jasper, H. H., and Nichols, I. C. (E.), 878
- Electrocardiogram in periodic catatonia, 617
- Electrodermal response, effect of movement on. Schaefer, B. (E.), 412
- " " to affective stimulation, individual differences in. Greenwald, D. N. (E.), 412
- " " responses of abnormal individuals. Greenwald, D. M. (E.), 417
- Electro-encephalogram, effect on, of drugs and conditions which influence seizures. Lennox, W. G., Gibbs, F. H., and Gibbs, E. L. (E.), 247
- " " in diagnosis and localization of epileptic seizures. Gibbs, F. A., Lennox, W. G., and Gibbs, E. L. (E.), 233
- " " in epilepsy (E.), 878, 879
- " " in schizophrenia, by J. F. MacMahon and W. Grey Walter, 781
- " " of schizophrenics during insulin treatment. Hoagland, H., Cameron, D. E., and Rubin, W. A. (E.), 440
- Electro-encephalography: action potentials of the brain. Davis, H., and Davis, P. A. (E.), 222
- " " Berger's α -rhythm in organic lesions of brain. Lemere, F. (E.), 413
- " " brain-potential rhythm in a case showing self-induced apparent trance states. Thomson, M. M., Forbes, T. W., and Bolles, M. M. (E.), 423

- Electro-encephalography : electrical activity of the cat's brain. Gerard, R. W., Marshall, W. H. and Saul, L. J. (E.), 222
- „ factors controlling brain potentials. Gerard, R. W. (E.), 222
- „ in certain types of mental deficiency. Kreezer, G. (E.), 232
- „ in twins (E.), 222
- „ normal differentiation of occipital and precentral regions in man. Jasper, H. H., and Andrews, H. L. (E.), 809
- „ significance of individual differences in the Berger rhythm. Lemere, F. (E.), 413
- „ various dysrhythmias of epilepsy (E.), 1099
- Electro-myographic studies of neuro-muscular disorders. Lindsley, D. B. (E.), 233
- Electro-pyrexia, shock syndrome during (E.), 443
- ELLIS, HAVELOCK, Sex in Relation to Society (R.), 849
- Emotion and the Educative Process, by Daniel A. Prescott (R.), 855
- „ and the thalamus (E.), 868
- „ proposed mechanism of. Papez, J. W. (E.) 867
- Emotional problems in children, technical approaches in study of. Dispent, J. L. (E.) 421
- „ reactions of psychotics : a new and simple test. Soloman, J. C. (E.) 875
- „ responses, degeneration of, on re-showing of motion-picture situations. Rasmus, M. H. (E.), 420
- Emotions, the Education of the, by Margaret Phillips (R.), 855
- Encephalitis, epidemic, in childhood, prognosis of. Healy, W. (E.), 234
- „ „ (prognosis). Holt, W. L. (E.), 878
- „ post, creatine metabolism in (E.), 243
- „ „ involuntary movements of, in surgical treatment of. Ingebrigtsen, B. (E.), 442
- „ „ use of benzedrine in (E.), 1113
- Encephalography, vegetative disturbances after. Boeters, H. (E.), 233
- Encephalomalacia, nutritional, prevention of, by gelatine. Ni, T. C. (E.), 886
- Encephalomyelitis, acute disseminated, psychotherapy in, 1089
- „ complicating measles. Malamud, N. (E.), 431
- „ experimental production of, by intravenous coagulants. Hoefler, P. F. A., Putnam, T. J., and Gray, M. G. (E.), 1103
- Endocrine disturbances in behaviour problems. Molitch, M. (E.), 417
- „ glands, relation of the psyche to the, by Clifford Allen, 1091
- „ treatment, antisexual, in mental disorder. Mazzi, M. (E.), 424
- Endocrines controlling growth, 510
- Environment and heredity in mental deficiency, 702
- Enzyme system, glycolytic, separation of, from brain-cells. Geiger, A. (E.), 1106
- Ependymal streaks and accessory cavities in human occipital lobe. Liber, A. F. (E.), 890
- Epilepsy : a paroxysmal cerebral dysrhythmia. Gibbs, F. A., Gibbs, E. L., and Lennox, W. G. (E.), 879
- „ and alimentary hypoglycæmia. Schon, H. J. (E.), 425
- „ and Huntington's chorea, 40
- „ and schizophrenia, antagonism, 749
- „ and surgical therapy. Penfield, W. (E.), 235
- „ calcium and magnesium in blood and C.S.F. in (E.), 1107
- „ cardiazol convulsions in (E.), 880
- „ cerebral dysrhythmias of, and measures for their control. Gibbs, F. A., Gibbs, B. L., and Lennox, W. G. (E.), 1099
- „ constitutional differences between deteriorated and non-deteriorated patients with. Paskind, H. A., and Brown, M. (E.), 230
- „ due to lesions of the cornu ammonis, 99
- „ electro-encephalogram in (E.), 878, 879
- „ in sinusitis cases, 511
- „ mode of onset of. Fetterman, J. L., and Hall, V. R. (E.), 874
- „ musicogenic. Critchley, M. (E.), 425
- „ oxygen saturation of blood draining brain and limbs in. Lennox, W. G., and Gibbs, E. L. (E.), 243
- „ relationship of autonomic nervous system to pathogenesis of. Orzechowski, K. (E.), 425
- „ sugar tolerance in, 752
- „ treatment of, with a new barbiturate-bromide compound. Levi-Bianchini, M. (E.), 441

- Epilepsy, vitamin C in urine in, 542
 ,, with cerebral frontal agenesis (E.), 235
 ,, with fits in relation to sleep. Maggrassun, G. (E.), 431
 ,, *see also under* Convulsions
- Epileptic crises by the use of camphor monobromide. Pagnioz, P., Pichet, A., and Varay, A. (E.), 254
 ,, fits and spontaneous hypoglycæmic crises (E.), 889
 ,, psychosis, sadistic attacks in, 217
 ,, seizure, phosphorus content of blood serum during (E.), 242
 ,, seizures, diagnosis and localization of, electro-encephalogram in (E.), 233
 ,, ,, effect on electro-encephalogram of drugs influencing. Lennox, W. G., Gibbs, F. A., and Gibbs, E. L. (E.), 247
 ,, ,, neurological mechanism concerned in. Yakovlev, P. I. (E.), 234
- Epileptics, fertility of (E.), 823
 ,, Stanford-Binet response patterns in. Collins, A. L., Atwell, C. R., and Moore, M. (E.), 874
- Epileptiform seizures, role of anoxia in production of (E.), 1099
- Ergotamine tartrate, action of, on migraine headache (E.), 1112
- Ether, effects of, on brain oxidations. Jowett, M., and Quastel, J. H. (E.), 434
- Ethylmethylvaleramide as a narcotic. Merkulov, L. G. (E.), 252
- EVANS, A. EDWARD, *see* Stone.
- Exhibitionism, 212
- Extrapyramidal syndromes in Huntington's chorea, 41
- Fat in infant brain in relation to myelin, blood-vessels and glia. Tuthill, C. R. (E.), 1105
- Fear, anger and disease: intercorrelation in normal and abnormal people. Landis, C., Ferrall, S. J., and Page, J. (E.), 421
- FENTON, H. F., enhancement of physical and mental capacity after treatment of chronic infective disease, 544
- Fertility and hereditary mental defect. Brugger, C. (E.), 444
 ,, of certain groups of insanity. Essen-Möller, E. (E.), 873
- Fever therapy, *see* Pyretotherapy
- FINIEFS, L. A., dangers and emergencies of insulin therapy, 678
- FLEISCHHACKER, H. H., the Takata reaction in the cerebro-spinal fluid in syphilis of the nervous system, 378
 ,, studies on the brain phosphatases, 947
- Folie à deux, study of cases of. Grover, M. M. (E.), 427
- FOREL, AUGUSTE, *Out of my Life and Work* (R.), 410
- Fractures in triazol therapy, 642
- FRAZER, RUSSELL, *see* Sargent
- FREUD, ANNA, *The Ego and the Mechanisms of Defence* (R.), 851
- FREUDENBERG, RUDOLF, insulin therapy, a review, with special reference to the mechanism of cure, 165
- Friedreich's ataxia. Hassin, G. B. (E.), 878
- Fröhlich's syndrome and aggressive-submissive behaviour. Levy, D. M. (E.), 230
- FROST, ISAAC, home-sickness and immigrant psychoses, 801
- Gargolism: a pathological study. Ashby, W. R., Stewart, R. M., and Watkin, J. H. (E.), 447
 ,, Ellis, R. W. B., Sheldon, W., and Capon, N. B. (E.), 447
- GASK, G. E., and Ross, J. P., *Surgery of the Sympathetic Nervous System* (R.), 404
- Gastric ulcer, psychogenic factor in, 1087
- General paralysis, cortical atrophy in; pathogenesis of. Merritt, H. H., Putnam, T. J., and Campbell, A. C. P. (E.), 237
 ,, ,, hypoglycæmia as a cause of seizures in (E.), 889
 ,, ,, iron content of brain in, 983
 ,, ,, polypeptides of blood and C.S.F. in (E.), 246
- Gestalt patterns in Korsakov's syndrome (E.), 1098
- GILLMAN, S. W., and PARFITT, D. N., technique and complications of insulin therapy, 718
 ,, and WILSON, R. S., medinal-luminal prolonged narcosis, 991
- GILMOUR, JOHN RUTHERFORD, *Presidential Address: the low-rate private patient and some changes*, 596
- GJESSING, R., disturbances of somatic functions in periodic catatonia, and their compensation, 608
- Glycogen in brain, isolation of (E.), 1106

- Glucides and lipoids, metabolism of, in muscle, action of nervous system on. Cedrangolo, F. (E.), 1105
- GOLLA, F., science and psychiatry, Eighteenth Maudsley Lecture, 4
- GRAVES, T. C., head injuries and mental disorder, 552
- GREENWOOD, A. W., *see* Broster, L. R.
- GRIFFITH, E. F., Sex in Everyday Life (R.), 848
- Growth, determinants of, 495
- GUTTMANN, E., and C. E. WINTERSTEIN, disturbances of consciousness after head-injuries; observations on boxers, 347
- „ „ *see* Minski, L.
- Habituation and the action of poisons. Amsler, C. (E.), 250
- Hæmatemesis, the psychogenic factor in, by A. T. M. Wilson, 1087
- Hæmorrhage, subdural, mental symptoms in, 552
- Hallucinated patients, dream studies in (E.), 429
- Hallucinations in relation to imagery in schizophrenic cases, 284
- „ „ lilliputian, phenomena resembling, in schizophrenia (E.), 232
- Harmine and bulbocapnine in combination, action of, on cats. Penta, P., and Aveta, A. (E.), 882
- „ „ and hyoscines, depressive mechanism of (E.), 252
- HARRINGTON, MILTON, A Biological Approach to the Problem of Abnormal Behaviour (R.), 864
- HARRIS, ARTHUR, cardiazol treatment of schizophrenia, 735
- VON HATTINGBERG, H., love as a process of maturation, 1076
- Hay-fever patients, studies in (the allergic personality), by Erich Wittkower, 352
- Head injuries and mental disorder, by T. C. Graves, 552
- „ „ disturbances of consciousness after; observations on boxers, by E. Guttman and C. E. Winterstein, 347
- „ „ *see also under* Injury and Brain
- „ „ trauma. Gotten, N. (E.), 1100
- Hearing, neural mechanism of (E.), 249
- Heart nerves, development of, 483
- Heart-rate, unsteadiness of, in psychotic and neurotic states. Whitehorn, J. C., and Richter, H. (E.), 430
- Heavy water, catatonia produced by (E.), 237
- Hemiparesis, new test in. Herman, E. (E.), 1099
- Hemiplegia, psychotherapy in a case of, 1089
- Heredity and mental deficiency, discussion of papers, 715
- „ „ and environment in mental deficiency, 702
- „ „ in climacteric or involuntional melancholia. Schnitzenberger, H. (E.), 872
- „ „ in relation to prognosis, 902
- HEYER, G. R., the psycho-somatic unity, 1069
- HINSIE, L. E., Concepts and Problems of Psychotherapy, 853
- Hippuric acid excretion test, 622
- Histamine, action of, 582
- „ „ and insulin in the treatment of schizophrenia and other mental diseases, by Horace Hill, 581
- „ „ effect of, on cardiazol convulsions, 1004
- „ „ phosphate in manic-depressive psychosis. Marshall, W. (E.), 1112
- Home-sickness and immigrant psychoses. Austrian and German domestic servants the basis of study, by Isaac Frost, 801
- „ „ views of Braun, Kraepelin, Kretschmer and Bleuler on, 815
- Horton Hospital, treatment of general paralysis at, 201
- Hunger, morbid, and periodic somnolence (E.), 431
- HUNTINGTON, ELLSWORTH, Season of Birth (R.), 861
- Huntington's chorea: a study of thirty-four families, by L. Minski and E. Guttman, 21
- Hyoscine and harmine, depressive mechanism of. Troteanu, V. G. (E.), 252
- Hyperglycæmia and adrenals, 245
- Hyperpyrexia, therapeutic, shock syndrome in. Kopp, I., and Solomon, H. C. (E.), 443
- Hyperthyroidism among low-rate private patients, 602
- Hypoglycæmia, alimentary, and epilepsy. Schon, H. J. (E.), 425
- „ „ as a cause of seizures in general paralysis. Birnbaum, L., and Wood, J. A. (E.), 889
- „ „ effect of, on metabolism of brain. Himwich, H. E., and Fazekas, J. F. (E.), 433

- Hypoglycæmia:** neurological neuropathological studies. Moersch, F. G., and Kernohan, J. W. (E.), 888
 ,, *see also under* Insulin
- Hypoglycæmic crises, spontaneous, and epileptic fits.** Bergonzi, M. (E.), 889
- Hypothalamic lesions, effect of, on carbohydrate metabolism, further studies on.** Cleveland, D., and Davis, L. (E.), 434
 ,, regulation of temperature in the monkey. Ranson, S. W., Fisher, C., and Ingram, W. R. (E.), 223
- Hypothalamus and emotion** (E.), 867, 868
 ,, effects of sodium amytal on reactivity of. Masserman, J. H. (E.), 249
 ,, stimulation of, effect on bladder (E.), 414
- Hysteria, comments on, by F. Pollack,** 1083
 ,, treated by cardiazol, 665
- Hysteroid personality among convicts,** 972
- Identity, mistakes of, in immigrant psychoses,** 806
- Imagery and its relation to schizophrenic symptoms, by Louis H. Cohen,** 284
- Immigrant psychoses and home-sickness, by I. Frost,** 801
 ,, ,, illustrative case-histories, 824
- Impedance angle determinations, technique of,** 257
 ,, ,, in periodic catatonia, 617
 ,, ,, the, and its relation to thyroid treatment in mental disorder, by Wm. Sargent, Russell Fraser, and M. A. B. Brazier, 255
- Infections in insulin therapy,** 732
- Infective disease, enhancement of chronic physical and mental capacity after treatment of, by H. F. Fenton,** 544
- Inferiority feelings, relation to guilt feelings.** Alexander, F. (E.), 869
- Influenza in the ætiology of mental disorder,** 603
- Inhibition, retro-active, retrograde amnesia and loss of recent memory.** Ray, W. S. (E.), 420
- Injury to brain and epilepsy** (E.), 874
 ,, ,, epilepsy from, surgical treatment of (E.), 236
- Inositol and respiration of brain.** Young, L. (E.), 241
- Insight, degree of, in follow-up study,** 925
- Insulin and cardiazol:** experiences of the combined method, by Leonard Russell, 672
 ,, ,, therapy, neurological manifestations of, by D. Blair, 776
 ,, ,, shock, biochemical mechanism of. Cuatrecasas, J., and Bruno, A. A. (E.), 1109
 ,, ,, treatment, 150
 ,, and histamine in the treatment of mental diseases, by Horace Hill, 581
 ,, coma, histological findings in the brain after. Kobler, F. (E.), 889
 ,, histopathological changes in brain in experimental hyperinsulinism. Weil, A., Liebert, E., and Meilbrunn, G. (E.), 1101
 ,, in treatment of morphine and heroin withdrawal symptoms. Piker, P. (E.), 254
 ,, hyperinsulinism and cerebral changes. Malamud, N., and Grosch, L. C. (E.), 889
 ,, hypoglycæmia, reports on subjective experiences of. Wiedeking, I. (E.), 881
 ,, shock treatment of schizophrenia, history of origin of. Sakel, M. (E.), 1108
 ,, therapy: a review, with special reference to the mechanism of cure, by Rudolf Freudenberg, 165
 ,, ,, acute œdema of lungs in, 680
 ,, ,, dangers and emergencies of, by L. A. Finiefs, 678
 ,, ,, laryngeal spasm in, 680
 ,, ,, technique and complications of, by S. W. Gillman and D. N. Parfitt, 718
 ,, treatment of schizophrenia: action of hypoglycæmia on central nervous system. Gellhorn, E. (E.), 1109
 ,, ,, ,, Berne-Münsingen Congress (E.), 436
 ,, ,, ,, brain metabolism in (E.), 254
 ,, ,, ,, changes in sodium chloride content of blood-serum in. Kersten, G., and Brady, E. J., 1109
 ,, ,, ,, clinical remarks on the precomatose period in. Porc'her, Y., and Leconte, M. (E.), 881
 ,, ,, ,, coma and reflex anomalies in. Liepmann, W. (E.), 880
 ,, ,, ,, course of blood and spinal fluid glucose in. Day, G. W., Niver, E. O., and Greenberg, M. M. (E.), 1109

- Insulin treatment of schizophrenia** : effect of, on glucose tolerance. Looney, J. M., and Cameron, D. E. (E.), 1108
- " " " electro-encephalogram during (E.), 440
- " " " indication for. Lemke, R. (E.), 440
- " " " (general comments and results). Katzenelbogen, S., Harms, H. E., and Clark, D. A., 882
- " " " in New York State Hospitals: statistics, 631
- " " " mortality of, 147, 158
- " " " papers and discussion, Nov., 1937, 146, and July, 1938, 685
- " " " points for the assessment of. Büdingen, F. (E.), 440
- " " " prolonged coma in, 149
- " " " protamine zinc insulin in. Reese, H. H., and Veer, A. V. (E.), 882
- " " " psychological aspects of, by E. Larkin, 668
- " " " recent advances in, by H. Pullar Strecker, 146
- " " " relapse in, 148
- " " " remissions in, 153
- " " " report on. Bychowski, G., Kaczinski, M., Konopka, C., and Szozytt, K. (E.), 254
- " " " results of. Marzynski, M., and St. Witek (E.), 881
- " " " some impressions, by A. A. W. Petrie, 156
- " " " some observations on (psychological aspect). Schatner, M., and O'Neil, F. J. (E.), 882
- " " " of schizophrenic psychoses. Schmid, H., and Bersot, H. (E.), 880
- " *see also under* Hypoglycæmia
- Insulinized animals, water and salt contents of brain and liver of** (E.), 1103
- Intellect and dream structure** (E.), 417
- Intellectual aptitudes in the unstable.** Abramson, J. (E.), 871
- " deterioration in the psychoses. Malamud, W., and Palmer, E. M. (E.), 876
- Intelligence and delinquency,** 513, 1047
- " and personality, methods of estimating, and their applications (general review), by J. M. Blackburn, 1008
- " and the higher mental functions. Bischler, W. (E.), 422
- " deterioration of, measurement of, 429, 1044
- " effect of oxygen deprivation on (E.), 434
- " paternal occupational, and mental deficiency. Bradway, K. P. (E.), 443
- " performance tests of, 1018
- " superior, children showing, and their difficulties (E.), 872
- " tests, application of, to adults of different ages, 1042
- " " comparison between Binet and Spearman approaches, 1015
- " " in delinquents: Columbian alpha and beta tests, 513
- " " in epileptics (E.), 874
- " " on Dartmoor convicts, results of, 961
- " " the Binet approach, 1010
- " " the Spearman approach, 1012
- Intuition and instinctive reaction,** 16
- Iron content of the human brain, the,** by A. H. Tingey, 980
- "Irritation-symptom-complex" in periodic catatonics,** 613
- Jackson, Hughlings,** some psychiatric applications of his concepts (E.), 414
- JACOBSON, J. N., and LLOYD, J. S.,** genesis of the corpus callosum, 995
- Jefferson,** experiments on cortex, 10
- JONES, ERNEST,** Papers on Psycho-analysis (R.), 857
- JUNG, G. J.,** presidential address at tenth international congress for psychotherapy, 1005
- Juvenile behaviour, problems of, open clinic treatment for,** by Ira S. Wile, 1074
- KATZ, DAVID,** Animals and Men (R.), 488
- KEARNEY, JOSEPH, and P. J. COURTNEY,** somnifaine narcosis: results of 40 treatments in 38 cases, 177
- KIMMINS, C. W.,** Children and Dreams (R.), 858
- Korsakov's disease, vitamin C in urine in,** 542
- Korsakov syndrome, organization of memory traces in.** Bender, L., Curran, F. J., and Schilder, P. (E.), 1098

- Kretschmer on home-sickness, 816
 Kraepelin on home-sickness, 815
 KÜNKEL, F., The conception of the "we" and its value in educational difficulties, 1056
- Lactic acid in blood in cardiazol therapy, 747, 754
 LANDERS, JOHN J., observations on two hundred Dartmoor convicts, 960
 LARKIN, E., psychological aspects of insulin shock therapy: a psychosomatic study, 668
 Lashley's experiments on cerebral cortex, 10
 Laurence-Moon-Biedl syndrome. Cockayne, E. A., Krestin, D., and Sorsby, A. (E.), 447
 LAY, R. A. Q., schizophrenia-like psychoses in young children, 105
 Lead content of cerebro-spinal fluid, with special reference to multiple sclerosis. Garvey, P. H., and Rockwell, F. V. (E.), 239
 Legal and administrative developments in mental treatments, by R. H. Curtis, 183
 Lepidosiren paradoxa, neurogenesis in, by Tudor Jones, 452
 Leucocyte picture in cardiazol treatment, 743
 Leucotomy, pre-frontal, in treatment of mental disorders (E.), 441
 LEWIS, AUBREY, *see* Mapother, E.
 LHERMITTE, J., *see* Masquin, Pierre
 Lipoid content of blood in deficiency diseases and during demyelination of central nervous system. Gildea, E. F. (E.), 891
 Lipoids in muscle, metabolism of, action of nervous system on (E.), 1105
 ,, physical chemistry of, narcotics and. Spiegel-Adolf, M. (E.), 241
 LLOYD, J. S., and JACOBSON, J. N., agenesis of the corpus callosum, 995
 LONDON, LOUIS S., Mental Therapy: Studies in Fifty Cases (R.), 856
 Love as a process of maturation, by H. von Hattingberg, 1076
 Low-rate private patient, and some changes: presidential address, July, 1938, by John Rutherford Gilmour, 596
 LOWENFELD, MARGARET, theory and use of play in, 1057
 Lunacy Law, developments in, 183
 ,, of Scotland, 387
 Luria technique with normal and psychotic subjects, investigation of. Shirey, H. (E.), 875
 Luther's Milieu, Character and Psychosis, by Paul L. Reiter (R.), 411
 Luys, centre median nucleus of (E.), 415
 Lymphogranulomatous genito-ano-rectal syndrome (E.), 888
- MCADAM, W., and DICK, A., cardiac complications in cardiazol treatment, 999
 MACMAHON, J. F., and GREY WALTER, W., the electro-encephalogram in schizophrenia, 781
 Magnesium and calcium in blood and cerebro-spinal fluid in epilepsy (E.), 1107
 Malformations, incidence of, and significance of changes in maternal environment in their causation. Malpas, P. (E.), 445
 Malformed children: birth order of (E.), 445
 ,, maternal age at conception of. Murphy, D. P. (E.), 445
 ,, reproductive efficiency before and after birth of. Murphy, D. P. (E.), 445
 Mania, acute, treated by cardiazol, 665
 ,, results of medinal-luminal narcosis in, 992
 ,, treated by somnifaine, 179
 Manic-depressive and mixed states (E.), 873
 ,, psychosis and physical type (E.), 876
 ,, prognosis in (E.), 875
 ,, treatment by histamine (E.), 1112
 Manic-depressives, fertility of (E.), 873
 Manoilov reaction with the vagus and sympathetic nerves. Astapov, N. A. (E.) 239
 MAPOTHER, E., and LEWIS, A., Psychological Medicine, Section XXI of Price's Text-book of Medicine (R.), 400
 Marchiafava's disease (E.), 236
 MARRIAN, G. F., *see* Broster, L. R.
 MARSHALL, HELEN E., Dorothea Dix, Forgotten Samaritan (R.), 851
 Masochism in relation to crime, 211 *et seq.*
 MASQUIN, PIERRE and TRELLES, J. O., under the direction of J. LHERMITTE, Précis d'Anatomie Physiologie Normale et Pathologique du Système Nerveux (R.), 403
 MASSERMAN, J. H., and CARMICHAEL, H. T., diagnosis and prognosis in psychiatry, 893
 Maudsley Lecture, Eighteenth: Science and Psychiatry, by F. Golla, 4
 Mauthner's cells, 476, 486

- MAYER-GROSS, W., *see* Walk, A.
 Measles encephalomyelitis. Malamud, N. (E.), 431
 Mecholyl, *see* Acetylcholine
 Medicine, a Text-book of the Practice of, by F. W. Price. Section XXI: Psychological Medicine, by E. Mapother and A. Lewis (R.), 400
 Medinal-luminal prolonged narcosis, by R. S. Wilson and S. W. Gilman, 991
 Meduna's hypothesis of cardiazol therapy, 749
 Melancholia, climacteric or involuntional, condition of nearest relatives in. Schnitzenberger, H. (E.), 872
 ,, involuntional, pre-psychotic personality in. Titley, W. B. (E.), 231
 ,, results of medinal-luminal narcosis in, 991
 ,, treated by cardiazol, 665
 ,, ,, by somnifaine, 179
 ,, treatment by theelin (E.), 1113
 ,, vitamin C in urine in, 542
 ,, with chronic sepsis, 547, 548
 ,, *see also under* Depression, etc.
 Memory traces, organization of, in the Korsakov syndrome (E.), 1098
 Mendelian recessive determination in mental disorder, 712
 Meningiomata, multiple, associated with pachymeningitis interna hæmorrhagica. Pacifico, A. (E.), 430
 Meningitis, cerebro-spinal, fatality rates in. Walsh, G. (E.), 1100
 ,, meningococcic, control of epidemics. Kuhns, D. M., Kisner, P., Williams, M. P., and Moorman, P. L. (E.), 1100
 ,, sulphanilamide for (E.), 1114
 Mental defect in criminal cases on the Continent, treatment of, 535
 ,, defectives, married, in Utrecht, investigation of. Viner, F. (E.), 444
 ,, ,, neurological abnormalities in, occurrence and significance of. Gordon, R. G., Norman, R. M., and Berry, R. J. A. (E.), 445
 ,, Deficiency Act, 1913, 184
 ,, ,, among convicts, 961
 ,, ,, analysis of a group of cases. Findlay, L. (E.), 443
 ,, ,, and heredity, discussion of papers, 715
 ,, ,, and Huntington's chorea, 51
 ,, ,, associated with agenesis of the corpus callosum, 995
 ,, ,, dominant characters in, 697
 ,, ,, early provision of special schools, 183
 ,, ,, electro-encephalography in (E.), 232
 ,, ,, epitomes, 443
 ,, ,, frequency of occurrence of so-called "physiological dullness" in families of normal and defective school-children. Suda, A. (E.), 444
 ,, ,, hereditary, fertility and (E.), 444
 ,, ,, heredity and environment in, 702
 ,, ,, paternal occupational intelligence and (E.), 443
 ,, ,, recessive characters in, 694
 ,, ,, sex-linked microphthalmos associated with (E.), 446
 ,, ,, some genetical problems in, by L. S. Penrose, 693
 ,, ,, with congenital cataract, clinical and genetic investigations of. Sjögren, T. (E.), 446
 ,, disorder and deficiency in continental criminal law, treatment of, by Hermann Mannheim, 524
 ,, Health Services, The (Oxford Survey of Social Services), by E. F. Pinsent (R.), 853
 ,, hygiene, college, suicide as a problem in (E.), 426
 ,, Therapy: Studies in Fifty Cases, by Louis S. London (R.), 856
 ,, testing in male adolescent delinquents, by F. H. Taylor, 513
 ,, ,, *see also under* Intelligence
 ,, Treatment Act, 1930, discussion of provisions and effects of, 186
 Meralgia paræsthetica. Ecker, A. D., and Woltman, H. W. (E.), 1100
 Mescal visions, inquiry into the causes of. Marshall, C. R. (E.), 427
 Mescaline and other amines, oxidation of. Bernheim, F., and Bernheim, M. L. C. (E.), 1111
 ,, intoxication, time-perception in (E.), 424
 ,, poisoning, local parabiotoxic changes (conditioned reflexes) produced by. Aleksandrovski, Babski, and Kryazhev (E.), 252

- Metabolism and excitation. Gerard, R. W. (E.), 226
 ,, and the mechanism of epileptic seizures (E.), 234
 ,, in periodic catatonics, researches on (Gjessing), 608
 ,, of oxygen in schizophrenia. Hoskins, R. G. (E.), 891
 ,, *see also* Brain metabolism
- MEYER, A., histology of circulatory disturbances of the brain, 97
- Microphthalmos, sex-linked, sometimes associated with mental deficiency. Roberts, J. A. F. (E.), 446
- Migraine, acid-base balance of, in. Muntwyler, E., *et al.* (E.), 242
 ,, headache, mechanism of, and action of ergotamine tartrate. Graham, J. R., and Wolff, H. G., 1112
 ,, personality, features and reactions of subjects with. Wolff, H. G. (E.), 430
 ,, ,, of sufferers from, 366
- MILLER, EMANUEL, importance of diagnosis and treatment of the disorders of adolescence, 1072
- Minerals in normal and in pathological brain tissue. Alexander L., and Mverson, A., 889
- MINSKI, LOUIS, and N. D. CONSTANTINE, vitamin C content of urine in 50 psychotics, 541
- MINSKI, L., and GUTTMANN, E., Huntington's chorea, 21
 ,, psychopathy and psychoses associated with alcohol, 985
- Mitogenetic radiation in psychic diseases as a basis of therapy. Brainess, S. (E.), 251
- Mirror sign, the. Knöös, H. (E.), 425
- Mixed psychoses. Wyrsh, I. (E.), 872
- Mongolian idiocy, with contribution to case-material of mongolian twins. Hellsten, H., 448
 ,, twins (E.), 448
- Mongolism and achondroplasia in twins. Lapage, C. P. (E.), 448
 ,, heredity in, 704, 717
 ,, histological study of adrenal cortex in. Hirning, L. C., and Farber, S. (E.), 449
 ,, in non-identical twins. MacKaye, L., 448
 ,, survey of. Warner, E. N. (E.), 448
- Morphine and heroin withdrawal symptoms, insulin in treatment of (E.), 254
- "Mothering" in insulin shock therapy, 669
- MUMFORD, E. E., *Understanding our Children* (R.), 406
- MUNRO, T. A., consanguinity and mental disorder, 708
- Musical function, defects of, method of examination in (E.), 430
- Musicogenic epilepsy (E.), 425
- Myasthenia and myotonia, prostigmin and quinine in (E.), 247
 ,, ,, gravis, action of choline esters in (E.), 253
 ,, ,, choline-esterase of blood in (E.), 435
 ,, ,, prostigmin in the treatment of. Viets, H. R., 1114
 ,, ,, therapy of. Verbiest, H. (E.), 1114
- Myotonia and myasthenia, quinine and prostigmine in (E.), 247
- Naphthalene, action of, on spinal cord of dog. Burian, H. (E.), 251
- Narcosis and the reflex mechanism of subordination. Richard, A. (E.), 1111
 ,, brain-stem, effect of, on release of contra-insulin. Lucke, H., and Koch, A. (E.)
 1109
 ,, by urethane, influence on blood-pressure (E.), 885
 ,, prolonged, dynamics of schizophrenia under (E.), 1110
 ,, ,, in treatment of schizophrenia. Berne-Münsingen Congress (E.), 436
 ,, ,, in psychiatry, six years' experience with. Palmer, H. D., and Braceland,
 F. J. (E.), 441
 ,, ,, with medinal and luminal, by R. S. Wilson and S. W. Gillman, 991
 ,, theory of. Meyer, K. H. (E.), 884
- Narcotic poisoning, blood-transfusion in. Ito, H. (E.), 251
- Narcotics, action of, on brain respiration. Jowett, M. (E.), 1111
 ,, ,, on enzymes and cells. Clark, A. J. (E.), 884
 ,, ,, on brain centre regulating osmotic pressure of blood. Yamada, T. (E.),
 885
 ,, effects of, on blood-pressure. Hofmann, H. (E.), 251
 ,, influence of, on salt-binding capacity of lecithin (E.), 241
 ,, relative hypnotic effects of some ureas. Hjort *et al.* (E.), 883
 ,, *see also* Barbiturates
- Nasopharyngeal sepsis in mental cases: effect of treatment of, 545 *et seq.*
- Negativism and aversion. Diethelm, O. (E.), 421
- Neospiran, analeptic activity, compared with cardiazol. Singer, R. (E.), 248

- Nerve-cells, activity of. Bronk, D. W. (E.), 226
 Nerve excitation, chemical wave transmission of. Muralt, A. J. (E.), 228
 Nerve-fibres, experimental histology of (E.), 226
 ,, single, excitation, conduction and narcotization of. Kato, G. (E.), 226
 Nerve impulses, chemical mediation of. Butt, H. R. (E.), 226
 ,, ,, some recent extension of chemical transmission. Dale, H. H., 227
 ,, ,, *see also under Acetylcholine and Neuro-muscular*
 ,, oxygen consumption of stimulated. Schmitt, F. O. (E.), 228
 ,, root, structure of: nature of junction between central and peripheral nervous system.
 Tarlov, I. M. (E.), 225
 ,, trunk rudiment (motor), 456
 ,, ultra-structure as revealed by X-ray diffraction and polarized light studies. Schmitt,
 F. O. (E.), 227
 Nervous influx, transmission of, in central nervous system. Nachmansohn, D. (E.), 867
 ,, System: Birth Injuries, by H. Nevinny (R.), 409
 ,, ,, Précis d'Anatomie-physiologie Normale et Pathologique du Système Nerveux
 Central (under the direction of Jean Lhermitte), by P. Masquin and
 J. O. Trelles. (R.), 403
 ,, ,, rhythmic activity in, some pacemaker aspects of. Hoagland, H. (E.), 228
 Nest-making instinct in women, 15
 NEUGARTEN, H., psychotherapeutic re-orientation and religious rebirth, 1084
 Neural basis of innate behaviour: effects of cortical lesions on behaviour of rat. Beach,
 F. A. (E.), 872
 ,, rudiment, cytology of, 471
 ,, ,, morphology of, 492
 Neuritis (meralgia paræsthetica) (E.), 1100
 ,, peripheral, of pellagra, effect of vitamin B₁ on (E.), 1115
 Neurofibrillation, 478 *et seq.*
 Neurogenesis and the development of synapses: with particular reference to the conditions in
 lepidosiren paradoxa, by Tudor Jones, 452
 Neuro-muscular and ganglionic transmission by acetylcholine. Brown, G. I. (E.), 228
 ,, junction: eserine-like effects of barium. Feng, T. P. (E.), 885
 ,, responses to variations in calcium and potassium concentrations in cerebro-
 spinal fluid (E.), 1106
 ,, transmission in somatic and autonomic systems. Rosenblueth, A. (E.), 227
 ,, ,, physical and chemical aspects of. Monnier, A. M. (E.), 227
 ,, *see also under Acetylcholine and Nerve impulse*
 Neuro-syphilis, Takata reaction in cerebro-spinal fluid in, 378
 ,, tryparsamide treatment of (E.) 885, 1114
 NEUSTATTER, W. L., Modern Psychology in Practice (R.), 847
 NEVINNY, H., Lesions of the Central Nervous System by Birth Injury (R.), 409
 NEWSHOLME, SIR ARTHUR, The Last Thirty Years in Public Health (R.), 405
 New York State hospitals, shock therapy in (statistics), 631
 Nicotinic acid in the prevention of pellagra. Schmidt, H. L., and Sydenstricker, U. P. (E.),
 1114
 ,, ,, in treatment of pellagra. Spies, T. D., Cooper, C., and Blankenhorn, M. A. (E.),
 1115
 NIGHTINGALE, G. S., six months' experience with cardiazol therapy, 574
 Nitrogen metabolism in periodic catatonia, 614, 615 *et seq.*
 ,, retention in catatonic patients, 256
 Nuclei in the rudimentary nervous system, 474
 Nystagmus in acute alcohol poisoning in rabbits. LeHeux, J., and de Kleyn, A. (E.), 253
 Obituary: Chambers, James, 591
 ,, Crichton-Browne, Sir James, 589
 ,, Rambaut, Daniel Frederick, 1
 ,, Rose, Sir Arthur, 3
 Observation wards in London, 197
 Occipital lobes, removal of, conditioned responses to light after (E.), 415
 Occupational neuroses, 1078
 ,, Therapy: An Addendum to the Handbook for Mental Nurses (R.), 400
 ,, Treatment of Mental Illness, by J. Ivison Russell (R.), 400
 Oestrin, level of, in blood, in schizophrenia. Sears, H. A., *et al.* (E.), 432
 Oestrone, in treatment of involuntional melancholia (E.), 1113

- Ophthalmoplegia, familial total external. Galli, G. M. (E.), 878
- Organic disease, psychotherapeutic possibilities in, by D. Annan, 1089
- Osmotic pressure, effect of, on autonomic nerves. Imai, S. (E.), 891
- Out of My Life and Work, by Auguste Forel (R.), 410
- Out-patient clinics, 199
- Oxygen deficiency, influence of carbon dioxide in combating effect of, with remarks on relationship of psychic and physiological reactions. Gellhorn, E. (E.), 442
- ,, -deprivation, correlation of, with intelligence, constitution and blood-pressure. Kraines, S. H. (E.), 434
- ,, tension, response of psychoneurotics to variations in. McFarland, R. A., and Barach, A. L. (E.), 441
- Pachymeningitis interna hæmorrhagica, multiple meningiomata associated with (E.), 430
- PADDLE, K. C. L., the control of dysentery by prophylactic inoculation, 134
- Palæobiological and biopsychical reflections, some. Bonaparte, M. (E.), 1097
- Palmar galvanic skin reflex and palmar sweating, neural mechanisms controlling. Darrow, C. M. (E.), 224
- Pancreatic tumour and hypoglycæmia, 889
- Paralysis agitans, contributions to the histopathology of. Juba, A., and Szatmari, A. (E.), 432
- Paranoid personalities among convicts, 968, 971
- Paraphrenia treated by somnifaine, 180
- Paraphrenic states in immigrants, 813, 825
- Parasympathetic excitation, and the reversal of adrenaline effect by 933 F. (E.), 223
- Paratyphoid B toxin, catatonic effects of (E.), 441
- PARFITT, D. N., the ætiology of the confusional syndrome and the use of T.A.B. vaccine, 563
- ,, see Gillman
- PATTERSON, J., see Broster, L. R.
- Pellagra, effect of vitamin B₁ on the peripheral neuritis of pellagra (E.), 1115
- ,, prevention of (E.), 1114
- ,, use of nicotinic acid in treatment of (E.), 1114, 1115
- PENROSE, L. S., some genetical problems in mental deficiency, 693
- Perception, some observations on the theory of, by S. Sharman, 273
- Permeability of nerve centres; action of picrotoxin, aconitine and quinine. de Marco, R. (E.), 883
- Personality, allergic, 352
- ,, characteristics, methods of measuring, 1023
- ,, in ulcerative colitis, 1064
- ,, interview as test of, 1039
- ,, investigations, Vernon's matching method in, 1032
- ,, pre-morbid, in Huntington's chorea, 52
- ,, pre-psychotic, in relation to prognosis, 906
- ,, ,, of patients with agitated depression (E.), 875
- ,, psychological problems of the mature, by William Brown, 1066
- ,, psychotherapy on the development of, by J. M. Rombouts, 1062
- ,, Rorschach method of investigating, 1034
- ,, social, disorders of. Janet, P. (E.), 871
- ,, Spearman factorial method of studying, criticism of, 1030
- ,, tests in clinical practice. Schott, E. L., 420
- ,, types: Kretschmer, Jung and Spranger, 1035
- Petitioner, his function in lunacy law, 598
- PETRIE, A. A. W., insulin treatment of schizophrenia: some impressions, 156
- Phenobarbital in various cerebral dysrhythmias of epilepsy (E.), 1099
- ,, influence of diet upon action of. Nedrel, A. J. (E.), 246
- Phenylpyruvic acid, preservation of urines containing. Rhein, M., and Stoeber, R. (E.), 448
- ,, oligophrenia. Jervis, G. A. (E.), 447
- PHILLIPS, MARGARET, The Education of the Emotions (R.), 855
- Phosphatase, specific, of nerve tissue. Reis, J. (E.), 244
- Phosphatases, studies on the brain, by H. H. Fleischhacker, 947
- Phosphatide content of brain of hibernating animals. Okun, M. I. (E.), 243
- Phosphatides, formation of, in brain tissue of adult animals. Hahn, I., and Hevesy, G. (E.), 891
- Phosphorus compounds of brain; relation to external biological conditions. Boldyreva, N. V. (E.), 243
- ,, -content of blood-serum during epileptic seizure. Weil, A., and Liebert, E., 242

- Phrenasthenia aparetico-aphasica tardiva, 110, 113, 129
- Physical type, relation between psychosis and: a statistical study. Wells, E. F. (E.), 876
- Physique, determinants of, by J. I. Cohen, 495
- Physostigmine, local action of, on central nervous system. Miller, F. R. (E.), 884
- Phyto-activity of blood-serum in normal and insane persons. Jacobowsky, B. (E.), 243
- Pick's disease. Ferraro, A., and Jervis, G. A. (E.), 231
- ,, Löwenberg, K. (E.), 231
- ,, psychopathology of. Goldstein, K., and Katz, S. E. (E.), 229
- Picrotoxin, action of (E.), 883
- PINSENT, E. F., The Mental Health Services (Oxford Survey of Social Services) (R.), 853
- Play in the psychotherapy of childhood, theory and use of, by Margaret Lowenfeld, 1057
- ,, technique in schizophrenia and other psychoses. Rosenzweig, S., and Strakow, D. (E.), 429
- Poetry, experimental study of affective value of sounds in. Hevner, K. (E.), 421
- POLLACK, F., comments on hysteria, 1083
- Polypeptides, blood and cerebro-spinal fluid in mental disorders. Claude, H., Dublineau, J., Bonnard, Sy. H., and Bonnard, Mlle., 246
- ,, ,, ,, in general paralysis. Claude, H., Dublineau, J., Marquin, P., and Bonnard, Mlle. (E.), 246
- Poliomyelitis, experimental, vitamin C content of tissues in (E.), 240
- Postural and righting reflexes, relation of cerebral cortex to (E.), 1096
- Potassium, blood, in diseases of the nervous system. Urechia, C. I., Manta, N., Retezeanu, Mme., and Bumbascesco, M. (E.), 1103
- ,, in blood in insulin therapy, 174
- Preneuronal formation in the embryo, 455
- Prefrontal leucotomy in treatment of mental disorders. Moniz, E. (E.), 441
- PRESOTT, DANIEL A., Emotion and the Educative Process (R.), 855
- Presidential Address (Gilmour), 1938, 596
- PRICE, F. W., A Text-book of the Practice of Medicine (R.), 400
- Prognosis, heredity in relation to, 902
- ,, in psychiatry: follow-up study from Chicago University Clinics, 893
- ,, in schizophrenia, and factors influencing the course of the disease. Langfeldt, G. (E.), 428
- ,, personality in relation to, 906
- ,, review of literature and follow-up studies, 936
- ,, symptomatology in relation to, 907
- Prostigmin and mechloryl, synergism of. Myerson, A., Rinkel, M., Loman, J., and Myerson, P. (E.), 251
- ,, and quinine in myasthenia and myotonia (E.), 247
- ,, effect of, on strychnine convulsions (E.), 248
- ,, in myasthenia gravis, compared with choline esters (E.), 253
- Protein fractions of normal and pathological spinal fluids in childhood; acute diseases of nervous system. Ujsaghy, P. (E.), 888
- ,, therapy, neuro-elective. Euzière, J., *et al.* (E.), 249, 251
- Psychiatry, Science and: Eighteenth Maudsley Lecture, by F. Golla, 4
- Psychic inferiority, constitutional, among convicts, 962
- Psychical Phenomena, Science and, by G. N. M. Tyrrell (R.), 856
- Psycho-analysis in late life depression. Kaufman, M. R. (E.), 423
- ,, terminable and interminable. Freud, S. (E.), 423
- ,, Papers on, by Ernest Jones (R.), 857
- Psychological aspects of insulin shock therapy: a psychosomatic study, by E. Larkin, 668
- ,, Medicine: Section XXI of Price's Textbook of Medicine, by E. Mapother and A. Lewis (R.), 400
- Psychology, Differential, by A. Anastasi (R.), 406
- ,, for Everyone, by W. J. H. Sprott (R.), 408
- ,, infantile, and psychology of the unconscious. Mauco, G. (E.), 869
- ,, Modern, in Practice, by W. L. Neustatter (R.), 847
- Psychoneurotics, response of, to variations in oxygen tension (E.), 441
- Psychopathic personality among convicts, 962, 967
- Psychopathology of the insulin cure, 169
- Psychopathy and psychoses associated with alcohol, by Louis Minski, 985
- Psycho-somatic unity, the, by G. R. Heyer, 1069
- Psychotherapy, concepts and problems of, by L. E. Hinsie (R.), 848
- ,, Study of Fifty Cases (R.), 856

- Psychotherapy, comparison of results, 939
 ,, present tendencies in. Malamud, W. (E.), 1097
 ,, tenth international congress for, papers read at, 1055
 ,, presidential address, 1055
 Public Health, The Last Thirty Years in, by Sir Arthur Newsholme (R.), 405
 Puerperal depression treated by cardiazol, 666
 Pulvinar, cortical projection of, in macaque monkey. Clark, W. E., and Northfield, D. W. C. (E.), 415
 Pupillary reflex in stutterers (E.), 419
 Pyrocyanine, effect of, on metabolism of young cortex. Young, L. (E.), 245
 Pyretotherapy in chorea (E.), 1113
 ,, lesions of brain following. Hartman, F. W. (E.), 1101
 Pyrexia in insulin therapy, 723
 ,, in somnifaine narcosis, 178
 Quarantine for dysentery, 144
 Questionnaires, personality tests by, 1023
 Quinine, action of, on central nervous system. Richard, A. (E.), 1111
 ,, and prostigmin in treatment of myotonia and myasthenia. Kennedy, F., and Wolf, A. (E.), 247
 Rabies, experimental, mineral composition of rabbit nervous system in. Romenski, I. N. V. (E.), 240
 ,, pathogenesis of. Schukru-Aksel, I. (E.), 432
 RAMBAUT, DANIEL FREDERICK, obituary, 1
 Raynaud's disease, surgery for (Gask and Ross) (R.), 404
 Reality, adaptation to, in early infancy. Benedek, T. (E.), 1097
 Recessive characters in mental deficiency, 694
 Reflex anomalies in insulin treatment of schizophrenia (E.), 880
 ,, arc concept in psychology (Dewey), 12
 REITER, PAUL, Martin Luther's Milieu, Character, and Psychosis (R.), 411
 Religious rebirth, psychotherapeutic re-orientation and, by H. Neugarten, 1084
 "Religious reflex" in immigrant psychoses, 806
 Remissions in schizophrenia, spontaneous and in insulin treatment, 153
 Research bureau, Royal Medico-Psychological Association, 1093
 Responsibility in mental disorder; with special reference to algolagnia, by W. Norwood East, 203
 Rigidity, progressive, in Huntington's chorea, 41
 ROMBOULTS, J. M., psychotherapy and the development of personality, 1062
 Rorschach Method, Introduction to the, by Samuel J. Beck (R.), 843
 ,, as personality test, 1034
 ROSE, SIR ARTHUR, obituary, 3
 ROSS, J. P., *see* Gask
 RUSSELL, J. IVISON: The Occupational Treatment of Mental Illness (R.), 400
 Sadism, 211 *et seq.*
 SAKEL, MANFRED: the influence of pharmacological shocks on the psychoses, 626
 SARGANT, W., FRASER, R., and BRAZIER, M. A. B.: the impedance angle and its relation to thyroid treatment in mental disorder, 255
 St. Ebba's Hospital, Epsom, 194
 "Scattergrams," diagnosis and prognosis from, 1045
 Schizophrenia and consanguinity, 712
 ,, and epilepsy, antagonism, 749
 ,, and physical type (E.), 876
 ,, benzedrine therapy in (E.), 442
 ,, blood—cerebro-spinal-fluid barrier in, 755
 ,, blood-œstrin level in (E.), 432
 ,, cerebro-spinal fluid in (E.), 1106
 ,, chemistry of blood and cerebro-spinal fluid in. Katzenelbogen, S. (E.), 432
 ,, convulsion treatment of, *see* Cardiazol, Convulsion, Triazol
 ,, dynamics of, under influence of prolonged narcosis. Guiliarovski, B. (E.), 1110
 ,, electro-encephalogram in (E.), 413
 ,, by J. MacMahon and W. Grey Walter, 781

- Schizophrenia, electro-encephalogram in, during insulin treatments (E.), 440
 ,, faulty detoxication in, by J. H. Quastel and W. T. H. Wales (abstract), 622
 ,, in children, 107, 130
 ,, insulin and histamine treatment, 581
 ,, ,, therapy and the mechanism of cure, by R. Freudenberg, 165
 ,, ,, treatment of, *see also under* Insulin
 ,, -like psychoses in young children, by R. A. A. Lay, 105
 ,, oxygen metabolism in (E.), 891
 ,, pathogenesis of, misunderstanding of, arising from the concept of "splitting",
 Levin, M. (E.), 877
 ,, phenomena resembling lilliputian hallucinations in. Angyal, A. (E.), 232
 ,, play technique in (E.), 428
 ,, prognosis in, and factors influencing the course of the disease. Langfeldt, G.
 (E.), 428
 ,, so-called "dementia" in, evaluation of theories concerning. Wittman, M. P.
 (E.), 429
 ,, spontaneous and insulin remissions compared, 153
 ,, sugar tolerance in, 752
 ,, therapy of: insulin, cardiazol, prolonged narcosis. Berne-Münsingen Congress
 (E.), 436
 ,, treated by somnifaine, 180
 ,, ,, by thyroid, the impedance angle in relation to 255
 ,, velocity of blood-flow in, 890
 ,, vitamin C in urine in, 542
 ,, with chronic sepsis, 549
 Schizophrenic and manic-depressive mixed states (E.), 873
 ,, symptoms, acute, in immigrants, 813, 825 *et seq.*
 ,, ,, imagery and its relations to, by Louis H. Cohen, 284
 ,, psychosis, communicated (E.), 427
 ,, states associated with catalepsy, vesical activity in. Tauber, E. S., Lewis,
 L. G., and Langworthy, O. L., 876
 Schizophrenics, fertility of (E.), 873
 Schizophreniform psychoses in childhood. Langfeldt (E.), 874
 School teachers, mental disorders among, 599
 Science and psychiatry: Eighteenth Maudsley Lecture, by F. Golla, 4
 ,, and Psychological Phenomena, by G. N. M. Tyrrell (R.), 856
 Scottish Highlands, the boarding-out of mental patients in the, by J. A. W. Stone and A.
 Edward Evans, 381
 ,, Lunacy Law, 387
 Season of Birth, by Ellsworth Huntington (R.), 861
 Segantini, Giovanni: a psycho-analytic essay. Abraham, K. (E.), 870
 Senile psychoses, pathological changes in, and their psychobiological significance. Rothschild,
 D. (E.), 433
 Sepsis, chronic: enhancement of physical and mental capacity after treatment of, by H. F.
 Fenton, 544
 Serum proteins in triazol therapy, 658
 Sex in Everyday Life, by E. F. Griffith (R.), 848
 ,, in Relation to Society, by Havelock Ellis, 849
 SHARMAN, S., some observations on the theory of perception, 273
 SHARPE, ELLA, dream analysis, 850
 Shock therapy, discussion of papers on, 685
 Shocks, pharmacological; their effect on the psychoses, by Manfred Sakel, 626
 "Short-circuit reactions" in immigrants, 817
 Short waves, effect of, on cerebral-radial pulses. Ricci, A. (E.), 868
 "Silver cells" occurring in multiple sclerosis and other diseases, nature of. Blackman, N.,
 and Putnam, T. J. (E.), 890
 Sinusitis, nasal, and mental disorder. Smith, A. B., and Ross, C. M. (E.), 875
 Sleep, epileptic fits in relation to (E.), 431
 Sleepiness, periodic (E.), 431
 Smoking in insulin therapy, 719
 Social personality, disorders of. Janet, P. (E.), 871
 Sodium nitrite, effect of, on cardiazol convulsions, 1004
 Somatic functions in periodic catatonia, disturbances of, by R. Gjessing, 608
 Sommer sector of cornu ammonis, epilepsy due to lesions of, 99

- Somnifaine narcosis: results of 40 treatments in 38 cases, by Joseph Kearney and P. J. Courtney, 177
 " " *see also under* Narcosis
- Somnolence, periodic, and morbid hunger. Levin, M. (E.), 431
- Speech disturbance in dementia infantilis, 112
- Spielmeyer, research in brain histology, 97 *et seq.*
- Spina bifida, heredity in, 704
- Spinal cord, embryology of (Tudor Jones), 452
- SPROTT, W. J. H., Psychology for Everyone (R.), 408
- Stage fright and neuroses in professional life, by F. Völgyesi, 1078
- Stanford achievement test, effect of benzedrine on children taking (E.), 886
- Stanford-Binet response patterns in epileptics. Collins, A. L., Atwell, C. R., and Moore, M. (E.), 874
 " tests, discussion of, 1012
- Status epilepticus in insulin therapy, 681, 727
- STEPHEN, KARIN, development of infantile anxiety in relation to frustration, apprehension and fear, 1068
- STOKVIS, B., psychotherapy for patients with, 1081
- STONE, J. A. W., and A. EDWARD EVANS: the boarding-out of mental patients in the Scottish Highlands, 381
- STRECKER, E. A., Alcohol: One Man's Meat— (R.), 854
- STRECKER, H. PULLAR, recent advances in insulin treatment, 146
- Striatum and substantia nigra, connections between. Rundles, R. W., and Papez, J. W. (E.), 223
- Strychnine, action of, on spinal ganglia and anterior cornu cells in guinea-pigs. Kanatsu, H. (E.), 1104
 " convulsions, effect on, of acetylcholine, prostigmin and related substances. Schweitzer, A., and Wright, S. (E.), 248
- Stupor, benign, statistical study of. Rachlin, H. L. (E.), 429
- Stutterers, disintegration in the speech musculature of, during the production of a non-vocal temporal pattern. Hunsley, Y. L. (E.), 419
- Stuttering, analysis of associative and predisposing factors in. Morley, A. (E.), 419
 " study of the pupillary reflex, with special reference to. Gardner, W. H. (E.), 419
- Subacute combined degeneration of cord in pernicious anæmia. Hyland, H. H., and Farquharson, R. F. (E.), 234
- Substantia nigra, angio-architecture of, and its pathogenic significance. Finley, K. H. (E.), 223
 " connections with striatum (E.), 223
- Sugar in cerebro-spinal fluid in insulin therapy, 682
 " " " in rabbits (E.), 238
 " in blood, after encephalography (E.), 233
 " " and conditioned reflexes (E.), 867
 " " at onset of periodic catatonia, 614
 " " effect of hypothalamic lesions on (E.), 434
 " " hyperglycæmia produced by sympathin in emotional excitement. Bodo, R. C., and Benaglia, A. E. (E.), 1104
 " " in cardiazol and triazol therapy, 650
 " " treatment, 747
 " " in insulin treatment, 170, 682
 " " (E.), 1109
 " " in neurotic patients. Petrunkina, A., and Minker-Bogdanova, E., 242
 " " in schizophrenia and epilepsy, 751
 " tolerance, effect of prolonged insulin therapy on (E.), 1108
 " " in epilepsy, 752
 " " in general paralysis (E.), 889
 " " in schizophrenia, 752
- Suicidal preoccupations and attempts in children. Bender, L., and Schilder, P. (E.), 427
- Suicide, consideration on, with particular reference to that of the young. Zilboorg, G. (E.), 426
 " in Huntington's chorea, 47
 " in immigrant psychoses, 810
 " question of, as a problem in college mental hygiene. Raphael, J., *et al.* (E.), 426
- Sulphanilamide, action on meningococcus in cerebro-spinal fluid. Neter, E. (E.), 1113
 " therapy in meningococcal meningitis. Willien, L. J. (E.), 1114
- Surgery of the Sympathetic Nervous System, by G. E. Gask and J. P. Ross (R.), 404

- Sweating, neural mechanism of (E.), 224
 Sympathectomy in man. Richter, C. P., and Levine, M. (E.), 883
 Sympathetic nervous system, role of, in poisoning by bis (2-chloroethyl) sulphide. Gastinel, P., and Sohler, R. (E.), 1104
 ,, ,, ,, Surgery of the, by G. E. Gask and J. P. Ross (R.), 404
 Sympathin, effect of, on blood-sugar. Bodo, R. C., and Benaglia, A. E. (E.), 1105
 ,, producing hyperglycemia in emotional excitement (E.), 1104
 Synapses, neurogenesis and development of, by Tudor Jones, 452
 Syphilis, acetarsone in treatment of (E.), 248
 ,, changes in spinal fluid in (E.), 435
 ,, congenital, in a monovular twin. Penrose, L. S. (E.), 448
 ,, *see also under* Neuro-syphilis
- T.A.B. index, 565
 ,, vaccine and the confusional syndrome, by D. N. Parfitt, 563
 ,, ,, mechanism of action of, 570
 Takata reaction in the cerebro-spinal fluid, in syphilis of the nervous system, by H. H. Fleischer-hacker, 378
 TARGON, LUIGI, Bronchial Asthma and the Nervous System (R.), 851
 TAYLOR, F. H., mental testing of male adolescent delinquents, 513
 Temperature regulation in catatonic stupor (E.), 424
 ,, ,, in the monkey (E.), 223
 Temporary patients, 186
 Thalamus and emotion. Lashley, K. S. (E.), 868
 ,, red nucleus syndrome, vegetative disorders in (E.), 879
 ,, sensory functions of, in the monkey. de Barenne, J. G. D., and Sager, O. (E.), 415
 Theelin therapy in the psychoses. Ault, C. C., Hoctor, E. F., and Werner, A. A. (E.), 1113
 THORBURN, MARJORIE, Child at Play (R.), 859
 THORPE, F. T., some observations on vitamin C deficiency in acute mental disorder, 788
 Thurston personality schedule (E.), 420
 Thyroid diencephalon problem. Falta, W., and Fenz, E. (E.), 1105
 ,, hyperthyroidism and brain oxidations. Cohen, R. A., and Gerard, R. W. (E.), 1105
 ,, treatment of mental disorder; the impedance angle and its relation to, by Sargent, W., Fraser, R., and Brazier, M. A. B., 255
 Thyroxin treatment in periodic catatonia, 618 *et seq.*
 Time-perception in mescaline intoxication. Favilli, M. (E.), 424
 TINGEY, A. H., the iron content of the human brain, 980
 Tongue, involuntary movements of, in post-encephalitis; surgical treatment of. Ingebrigtsen, B. (E.), 442
 Tooting Bec Hospital, 188
 Towards Peace of Mind, by Karl Bowman (R.), 405
 Treatment, results of, in Chicago University Clinics, 915
 TRELLES, J. O., *see* Masquin, Pierre
 Triazol, biochemical investigations, 649
 ,, blood-pressures with, 659
 ,, convulsion therapy with, observations on, by A. Walk and W. Mayer-Gross, 637
 ,, pharmacology of, 638
 ,, subconvulsant doses, 666
 ,, therapy, amnesia, 648
 ,, ,, blood sugar in, 650
 ,, ,, fractures in, 642
 ,, ,, multiple fits in, 647, 661
 ,, serum proteins in, 658
 ,, tolerance to, 641
 ,, twilight states, 644
 Trigeminal tract, dorsal, and centre median nucleus of Luys. Papez, J. W., and Rundles, W. (E.), 415
 Tryparsamide in the treatment of neurosyphilis, ophthalmic reaction to. Muncy, W. M. (E.) 885
 ,, therapy of neuro-syphilis and atrophy of the optic nerve. Mayer, L. L. (E.), 1114
 TYRRELL, G. N. M., Science and Psychological Phenomena (R.), 856
 Twilight states in triazol therapy, 644
 Twin, monovular, congenital syphilis in a (E.), 448

- Twins, electro-encephalography in, 222
 ,, mongolism and achondroplasia in (E.), 448
 ,, ,, in (E.), 448
 ,, non-identical, mongolism in (E.), 448
- Urea, injected intravenously, passage into brain and spinal fluid of. Riser, M., Valdiguié, P., and Guiraud, J. (E.), 885
- Ureas of varied types, hypnotic effects of (E.), 883
- Urethane narcosis, influence on blood-pressure. Nuki *et al.* (E.), 885
- Urine, substances from human, neurotoxic symptoms produced in mice by. Nieuwenhuyzen, F. J. (E.), 1104
- Urticaria, personality of sufferers from, 366
- Vaccine for prophylaxis of dysentery, 135
- VAN DER HOOP, J. H., analytic and synthetic processes in the different phases of life, 1060
- Vaso-depressant drugs, influence of, on cardiazol convulsions, 1002
- Vaso-dilators with triazol, 659
- Vasomotor reaction and heat regulation in catatonic stupor. Jung, R., and Carmichael, E. A. (E.), 424
 ,, reflexes, effect of adrenaline on (E.), 1096
- Vegetative disorders in the syndrome of the red nucleus and thalamus. Székely, A. (E.), 879
 ,, system, influence of, on normal and pathological mental states. Monnier, M. (E.), 245
 ,, *see also under* Autonomic, sympathetic, etc.
- Vestibular phenomena of central origin. Ferraro, A., Barrera, S. E., and Blakeslee, G. A. (E.), 431
- Vestibulo-visual parietal syndrome of traumatic origin. de Morsier, G. (E.), 1099
- Vibration, sensation of, with special reference to its clinical significance. Gordon, I. (E.), 414
- VINES, H. W. C., *see* Broster, L. R.
- Viola's index, 496
- Vitamin B in treatment of alcoholic psychoses (E.), 1112
 ,, B₁, effect of, on peripheral neuritis of pellagra. Spies, T. D., and Airing, C. D., 1115
 ,, B₁ therapy in polyneuritis of alcohol addicts. Goodhart, R., and Jolliffe, N. (E.), 1115
 ,, C, *see also* Ascorbic acid
 ,, C content of monkey tissues in experimental poliomyelitis. Jungeblut, C. W., and Feiner, R. R. (E.), 240
 ,, ,, of urine in 50 patients suffering from psychoses, by Louis Minski and N. D. Constantine, 541
 ,, ,, deficiency in acute mental disorder, some observations on, by F. T. Thorpe, 788
 ,, ,, excretion in urine and vitamin C content of spinal fluid in nerve diseases. Altmann, O., and Goldhammer, H. (E.), 888
 ,, ,, in cerebro-spinal fluid (E.), 238, 239
 ,, ,, studies in alcoholics. Wortis, H., Wortis, S. B., and Marsh, F. J. (E.), 888
 ,, ,, therapy in experimental poliomyelitis, further observations on. Jungeblut, C. W. (E.), 250
 ,, D deficiency in rats, new syndrome consequent on. Boer, J., Arons, P., and van der Rijst, M. P. J. (E.), 1099
- Vocational guidance, 1047
 ,, selection, 1050
- VÖLGYESI, F., stage fright and neuroses in professional life, 1078
- Voluntary patients, 190
- Vomiting, functional or nervous, clinical features of. Wilber, D. L., and Washburn, R. N. (E.), 1114
- WALK, ALEXANDER, and MAYER-GROSS, W., observations on convulsion therapy with triazol 156, 637
- WALTER, W. GREY, *see* MacMahon, J. F.
- Wassermann reaction in cerebro-spinal fluid, experiments on the origin of the, by A. Beck, 370
- Water and salt contents of brain and liver of insulinized animals. Druey, J., and Delachaux, A. (E.), 1103
- WATTERSON, D. J., and DENYSSEN, J. A. F., on the mechanism of cardiazol convulsions, 1002
- Wave mechanics of protoplasmic action: experimental histology of nerve-fibres. Carey, E. J. (E.), 226
- "We," conception of the, and its value in educational difficulties, by F. Künkel, 1056

- Weight changes in cardiazol therapy, 758
 " " in insulin therapy, 733
 WILE, IRA S., open clinic treatment for juvenile behaviour problems, 1074
 WILSON, A. T. M., the psychogenic factor in haematemesis, 1087
 WILSON, R. S., and GILLMAN, S. W., medinal-laminal prolonged narcosis, 991
 Wilson's disease, morbid anatomy of a case of. Vidari, E., 891
 WINTERSTEIN, C. E., *see* Guttman
 WITTKOWER, E., personal studies in ulcerative colitis, 1064
 " " studies in hay-fever patients (the allergic personality), 352
 Word association as affected by deficient oxygen, excess of CO₂ and hyperpnœa. Gellhorn, E.,
 and Kiames, S. H. (E.), 229

PART II.—AUTHORS REFERRED TO IN THE EPITOME.

- | | | |
|-----------------------------|--------------------------|-------------------------------|
| Abraham, K., 870 | Bernheim, M. L. C., 1111 | Cameron, D. E., 440, 1108 |
| Abramson, J., 871 | Berry, R. J. A., 445 | Campbell, A. C. P., 237 |
| Adler, A., 435 | Bersot, H., 880 | Capon, N. B., 447 |
| Aird, R. B., 1107 | Bieber, I., 1096 | Capps, R. B., 237 |
| Airing, C. D., 1115 | Birnbaum, L., 889 | Carey, E. J., 226 |
| Alcock, N. S., 434 | Bischler, W., 422 | Carmichael, E. A., 424 |
| Alexander, F., 869 | Blackman, N., 890 | Carroddus, A. L., 1106 |
| Alexander, L., 889 | Blakeslee, G. A., 431 | Cedrangola, F., 1105 |
| Aleksandrovski, A. B., 252 | Blankenhorn, M. A., 1115 | Cherkasova, A. V., 1107 |
| Alford, L. B., 877 | Blitzsten, N. L., 230 | Chopra, R. N., 248 |
| Altmann, O., 244 | Block, R. J., 241 | Christiansen, H., 435 |
| Amsler, C., 250 | Block, V. L., 420 | Chu, Liang-Wei, 1096 |
| Andrews, H. L., 869 | Bodo, R. C., 1104, 1105 | Clark, A. J., 884 |
| Angyal, A., 232 | Boer, J., 1099 | Clark, D. A., 882 |
| Arkina, R. Kh., 238 | Boeters, H., 233 | Clark, W. E., 415 |
| Arons, P., 1099 | Boldrey, E., 868 | Claude, H., 246 |
| Ashby, W. R., 447 | Boldgreva, N. V., 243 | Cleveland, D., 434 |
| Astapov, N. A., 239 | Bolles, M. M., 413 | Cockayne, E. A., 447 |
| Atwell, C. R., 874 | Bolliger, A., 1106 | Cohen, M. E., 890 |
| Ault, C. C., 1113 | Bonaparte, M., 1097 | Cohen, R. A., 1105 |
| Aveta, A., 882 | Bond, D., 1107 | Collins, A. L., 874 |
| | Bonnard, Mlle., 246 | Cohn, J. H., 876 |
| Babski, E. B., 252 | Bonnard, S. H., 246 | Cooper, C., 1115 |
| Bacq, Z. M., 228 | Bonsignore, A., 224 | Critchley, M., 425 |
| Bagh, K. O., 1108 | Bowman, K. M., 254 | Cruz, H., 888 |
| Balado, L. E., 1110 | Brainess, S., 251 | Csinády, J., 886 |
| Barach, A. L., 441 | Brady, E. J., 1109 | Cuatrecasas, J., 1109 |
| Barahal, H. S., 417 | Bradway, K. P., 443 | Curran, F. J., 1098 |
| Barbour, H. G., 237 | Bradley, C., 886 | |
| de Barenne, J. G. D., 415 | Braceland, F. J., 441 | Daldy, D. M., 418 |
| Barker, M. H., 1099 | Broder, S. B., 443 | Dale, H. H., 227 |
| Barnacle, C. H., 1113 | Brodsky, M. E., 1112 | Dallenbach, K. M., 412 |
| Bargues, 247 | Bronk, D. W., 226 | Darrow, C. M., 224 |
| Barrera, S. E., 431 | Brown, G. I., 228 | Davidoff, E., 442, 1111, 1112 |
| Bärtschi-Rochaix, F., 870 | Brown, M., 230 | Davidoff, L. M., 891 |
| Bateman, J. F., 235 | Bruno, A. A., 1109 | Davis, H., 222 |
| Baumgarten, F., 417 | Brugger, C., 444 | Davis, L., 434 |
| Beach, F. A., 872 | Buehler, P., 244 | Davis, P. A., 222 |
| Beattie, J., 414 | Büdingen, F., 440 | Davis, P. E., 1113 |
| Benaglia, A. E., 1104, 1105 | Bumbascresco, M., 1103 | Day, G. W., 1109 |
| Bender, L., 427, 1098 | Burian, H., 251 | Delachaux, A., 1103 |
| Bender, M. B., 230 | Butnitskaya, P. M., 244 | Delgado, H., 879 |
| Benedek, T., 1097 | Butt, H. R., 226 | Diethelm, O., 421 |
| Berger, A. R., 1110 | Bychowski, G., 254 | Dimitrjevič, D. T., 432 |
| Bergonzi, M., 889 | | Dirner, Z., 886 |
| Bernfeld, S., 1098 | | Dispent, J. L., 421 |
| Bernheim, F., 1111 | Cahane, M., 867 | Druey, J., 1103 |
| | Cameron, A. T., 888 | |

- Dubinin, F. G., 252
 Dublineau, J., 246
 Ebaugh, F. G., 1113
 Ecker, A. D., 1100
 Ellis, R. W. B., 447
 Epelbaum, S. E., 244
 Essen-Möller, E., 873
 Euzière, J., 247, 249, 251
 Ewalt, J. R., 1113
 Falta, W., 1105
 Farber, S., 449
 Farquharson, R. F., 234
 Favilli, M., 424
 Fazekas, J. F., 254, 433
 Feng, T. P., 885
 Fenz, E., 1105
 Ferrall, S. J., 421
 Ferraro, A., 231
 Ferraro, S. E., 437
 Ferris, E. B., 237
 Fetterman, J. L., 824
 Findlay, L., 443
 Finesinger, J. E., 890
 Finkelman, I., 433, 1110, 1113
 Finley, K. H., 223
 Fisher, C., 223
 Fomin, S. V., 244
 Forbes, H. P., 224
 Forbes, T. W., 413
 Fraser, F. R., 253
 Freud, S., 423
 Fridman, A. P., 238
 Frisch, C., 244
 Fry, W. E., 885
 Fulton, J. F., 1096
 Galli, G. M., 878
 Gammo, H., 238, 239
 Gantt, W. H., 245
 Gardner, W. H., 419
 Garvey, P. H., 239
 Gastinel, P., 1104
 Gates, N., 1104
 Geiger, A., 1106
 Gellhorn, E., 229, 442, 1109
 Gerard, R. W., 222, 226, 1105
 Gibbs, B. L., 1099
 Gibbs, F. A., 233, 879, 1099
 Gibbs, F. H., 247
 Gibbs, E. L., 233, 243, 247, 879
 Gildea, E. F., 891
 Goldberg, L., 887
 Goldhammer, H., 244
 Goldstein, K., 229
 Goodhart, R., 1115
 Gordon, I., 414
 Gordon, R. G., 445
 Gordy, S. T., 1100
 Gotten, N., 1100
 Graham, J. R., 1112
 Grasset, E., 247
 Gray, M. G., 1103
 Green, D., 1102
 Greenberg, D. M., 1107
 Greenberg, M. M., 1109
 Greenfield, J. G., 435
 Greenwald, D. N., 412
 Greenwald, D. M., 417
 Grimal, 247
 Grosch, L. C., 889
 Grover, M. M., 427
 Guiliarovski, B., 1110
 Guiraund, J., 885
 Gwynn, H. B., 1112
 Haffron, D., 433
 Hahn, L., 891
 Hale, V. R., 874
 Halliday, J. L., 423
 Hara, K., 253
 Harms, H. E., 882
 Harris, R. E., 245
 Hartman, F. W., 1101
 Hassin, G. B., 878, 890
 Hastings, A. B., 1106
 Healy, W., 234
 Heilbrunn, G., 1101
 Hellsten, H., 448
 Herman, E., 1099
 Herrmann, J. B., 237
 Hevesy, G., 891
 Hevner, K., 421
 Hilgard, E. R., 415
 Himmelsbach, C. K., 877
 Himwich, H. E., 254, 433
 Hirning, L. C., 449
 Hjort, A. M., 883
 Hoagland, H., 228, 440
 Hoctor, E. F., 1113
 Hofer, P. F. A., 1103
 Hoffman, J. L., 878
 Hofmann, H., 251
 Hohman, L. B., 875
 Holt, W. L., 878
 Homburger, E., 229
 Hoskins, R. G., 891
 Hsu, Fong-Yen, 1096
 Hughes, J., 1107
 Hunsley, Y. L., 419
 Hyland, H. H., 234
 Imai, S., 891
 Ingebrigtsen, B., 442
 Ingham, J., 238
 Ingle, J. D., 245
 Ingram, W. R., 223
 Ito, H., 251
 Izikowitz, S., 243
 Jacobowsky, B., 242
 Jacobsen, C. F., 418
 Janet, P., 871
 Jasper, H. H., 869, 878
 Jenkins, W. L., 418
 Jervis, C. A., 429
 Jervis, G. A., 231, 447
 Jolliffe, N., 1115
 Jowett, M., 434, 1111
 Juba, A., 432
 Juda, A., 444
 Jung, R., 424
 Jungeblut, C. W., 250
 Kaczinski, M., 254
 Kahane, E., 241
 Kahlson, G., 1101
 Kanatsu, H., 1104
 Kasahara, M., 238, 239
 Kato, G., 226
 Katz, S. E., 229
 Katzenelbogen, S., 245, 432, 882
 Kaufman, M. R., 423
 Keith, H. M., 1096
 Kennedy, F., 247
 Kernohan, J. W., 888
 Kerr, A. S., 414
 Kerr, S. E., 1106
 Kersten, G., 1109
 Keschner, M., 230
 Kiames, S. H., 229
 King, L. S., 236, 435
 Kisner, P., 1100
 de Kleyn, A., 253
 Klimo, Z., 1108
 Knöös, H., 425
 Kobler, F., 889
 Koch, A., 1109
 Kolb, L., 877
 Konopka, C., 254
 Kopeloff, L. M., 891
 Kopeloff, N., 891
 Kopp, I., 443
 Kraines, S. H., 434
 Krantz, J. C., 883
 Krechersky, I., 418
 Kreezer, G., 232
 Krestin, D., 447
 Kryazhev, B. Y., 252
 Kubie, L. S., 870
 Kuhns, D. M., 1100
 Landis, C., 421
 Langfeldt, G., 428, 874
 Langworthy, O. L., 876
 Lapage, C. P., 448
 Lashley, K. S., 868
 Latimer, H. B., 1096
 Leconte, M., 881
 Lederer, L. G., 249
 Lees, W. M., 1106
 Leff, W. S., 412
 LeHeux, J., 253
 Lehoczky, T., 886
 Lemere, F., 413
 Lemke, R., 440
 Lennox, W. G., 233, 243, 247, 879, 1099
 Levi-Bianchini, M., 441
 Levin, M., 414, 431, 877

- Levine, M., 883
 Levis, H. T., 449
 Levy, D. M., 230
 Levy, J., 241
 Lewis, L. G., 876
 Liber, A. F., 890
 Liebert, E., 242, 1101, 1110
 Liepmann, W., 880
 Lindberg, B. J., 428
 Lindsley, D. B., 233
 Loman, J., 251
 Lombroso, U., 223, 224
 Lomholt, E., 435
 Loucks, R. B., 245
 Looney, J. M., 1108
 Lorand, S., 422
 Löwenberg, K., 237
 Lundquist, G., 243
 Lucke, H., 1109
 Lurie, L. L., 449
 Lyons, R. H., 429

 McEachern, D., 1096
 McFarland, R. A., 416, 441
 McGeorge, M., 253
 MacKaye, L., 448
 Maggrassun, G., 431
 Malamud, W., 431, 876, 889, 1097
 Malpas, P., 445
 Mauco, G., 869
 Mann, P. J. G., 1102
 Manta, N., 1103
 de Marco, R., 883
 Marconi, F., 431
 Mariani, G., 441
 Marquin, P., 246
 Marquis, D. G., 415
 Marsh, F. J., 888
 Marshall, C. R., 427
 Marshall, W. H., 222
 Marshall, W., 1112
 Martinez Dalke, L. M., 1110
 Martini, E., 1103
 Marzynski, M., 881
 Masserman, J. H., 249
 Mayer, L. L., 1114
 Mazer, M., 445
 Mazzi, M., 424
 Meehan, M. C., 236
 Melgar, R., 1111
 Melka, J., 1108
 Merkulov, L. G., 252
 Merritt, H. H., 237
 Meyer, K. H., 884
 Michio, 238
 Miller, F. R., 884
 Minker-Bogdanova, E., 242
 Mitchell, R. L., 1114
 Molisch, F. P., 888
 Molitch, M., 417, 886
 Molitor, H., 886
 Moniz, E., 441
 Monnier, A. M., 227

 Monnier, M., 245
 Moore, M., 874
 Moorhouse, V. H. K., 888
 Moorman, P. L., 1100
 Morley, A., 419
 de Morsier, G., 1099
 Mullin, F. J., 1106
 Muncy, W. M., 885
 Muntwyler, E., 242
 Muralt, A. v., 228
 Murphy, D. P., 445
 Murphy, G. E., 253
 Muyle, G., 1106
 Myerson, A., 248, 251, 889
 Myerson, P., 251
 Myshkis, M. S., 244

 Nachmansohn, D., 241, 867, 1103
 Nadler, J. E., 1110
 Nedzel, A. J., 246
 Neter, E., 1113
 Nevill, E. M., 872
 Ni, T. G., 886
 Nichols, I. C., 878
 Nieuwenhuyzen, F. J., 1104
 de Nigris, G., 441
 Nissen, H. W., 418
 Niver, E. O., 1109
 Norman, R. M., 445
 Northfield, D. W. C., 415
 Nuki, 885

 Okun, M. I., 243
 O'Neill, F. J., 882
 Orzechowski, K., 425

 Pacifico, A., 430
 Page, I. H., 239
 Page, J., 421
 Pagniez, P., 254
 Palmer, E. M., 876
 Palmer, H. D., 441
 Panisset, L., 247
 Papez, J. W., 415, 867
 Paskind, H. A., 230
 Peluffo, J. L., 1111
 Penfield, W., 235, 868
 Penrose, L. S., 448
 Penta, P., 882
 Petrova, M. K., 250
 Petrunkina, A., 242
 Plichet, A., 254
 Piker, P., 254, 429
 Poli, E., 238
 Porc'her, Y., 881
 Povorinskaya, S., 242
 Povorinskii, Y., 242
 Powdermaker, F., 449
 Putnam, T. J., 237, 435, 882, 890, 1103

 Quastel, J. H., 434, 1102
 Rachlin, H. L., 429

 Raphael, J., 426
 Ranson, S. W., 223
 Rasmus, M. H., 420
 Ray, W. S., 420
 Reese, H. H., 882
 Reifenstein, E. C., 1112
 Reid, J., 244
 Renshaw, R. R., 1102
 Renzetti, G., 432
 Retezeanu, Mme., 1103
 Rhein, M., 448
 Ricci, A., 868
 Richara, A., 1111
 Richter, C. P., 883
 Richter, H., 430
 Riebeling, C., 1107
 van der Rijst, M. P. J., 1099
 Rinkel, M., 251
 River, M., 885
 Roberts, J. A. F., 446
 Rockwell, F. V., 239
 Romenski, I. N. V., 240
 Rosegger, H., 1107
 Rosenblueth, A., 227
 Rosenzweig, S., 428
 Ross, C. M., 875
 Ross, E. L., 249
 Rothschild, D., 433
 Rowe, S. N., 877
 Rubin, W. A., 440
 Russell, D. S., 250
 Russell, W. R., 435
 Rundles, R. W., 223
 Rundles, W., 415

 Saemundsson, J., 253
 Sager, O., 415
 Sakel, M., 1108
 Sane, L. J., 222
 Schaefer, B., 412
 Schatner, M., 882
 Schiffer, H., 867
 Schilder, P., 427, 1098
 Schmid, H., 880
 Schmidt, H. L., 1114
 Schmitt, F. O., 227, 228
 Schnitzenberger, H., 872
 Schott, V. L., 420
 Schou, H. J., 425
 Schreiber, F., 1104
 Schube, P. G., 441
 Schukru-Aksel, I., 432
 Schwab, R. S., 1114
 Schweitzer, A., 248
 Sears, H. A., 432
 Serafimov, B. N., 237
 Seuberling, O., 237
 Shapiro, L. B., 1113
 Sheldon, W., 447
 Shirey, H., 875
 Sholkver, Y., 1107
 Simpson, L., 1099
 Singer, H. D., 1110
 Singer, R., 248

- Sjögren, T., 446
 Slome, D., 446
 Smith, A. B., 875
 Sohler, R., 1104
 Solomon, H. C., 443
 Soloman, J. C., 875
 Sorsby, A., 447
 Sozi, Y. I., 237
 Spiegel-Adolf, M., 241
 Spies, T. D., 1115
 Squires, P. C., 422
 St. Witek, 881
 Stedman, E., 435
 Steinberg, D. L., 1110
 Stender, A., 880
 Stewart, R. M., 447
 Stewart, W. B., 1113
 Stoeber, R., 448
 Strakow, D., 428
 Strauss, I., 230
 Strecker, E. A., 1107
 Strobel, T., 887
 Strömgren, E., 867
 Sullivan, J. P., 886
 Swanson, E. E., 885
 Sydenstricker, U. P., 1114
 Sztatmari, A., 432
 Széky, A., 879
 Szozytt, K., 254

 Tarlov, I. M., 225
 Tatsumi, M., 239
 Tauber, E. S., 876

 Taylor, H. M., 249
 Tennenbaum, M., 1102
 Theodoresco, D., 238
 Thiel, K., 247
 Thomson, K. J., 890
 Thomson, M. M., 413
 Titley, W. B., 231
 Tibley, W. B., 875
 Torda, C., 1103
 Touraine, G., 449
 Trapp, C. E., 429, 441
 Troteanu, V. G., 252
 Tzovaru, S., 238, 887
 Trumper, M., 1100
 Tuthill, C. R., 1105

 Ujsaghy, P., 888
 Unghvary, L., 1106
 Urechia, C. I., 1103
 Ustvedt, H. J., 430
 Uvnas, B., 1101

 Valdiguié, P., 885
 Varay, A., 254
 Veer, A. V., 882
 Verbiest, H., 1114
 Vianello-Pierguidi, S., 243
 Vidari, E., 891
 Vidart, L., 232
 Visser, F., 444

 Wall, J. H., 427
 Walsh, G., 1100
 Warner, E. N., 448

 Washburn, R. N., 1114
 Watkin, J. H., 447
 Weil, A., 242, 1101
 Weiss, S., 237
 Wells, E. F., 876
 Werner, A. A., 1113
 Whitehorn, J. C., 430
 Wichmann, B., 880
 Wiedeking, I., 881
 Wilber, D. L., 1114
 Williams, M. P., 1100
 Willien, L. J., 1114
 Wittman, M. P., 429
 Wolf, A., 247
 Wolff, H. G., 430, 1112
 Woltman, H. W., 1100
 Wood, J. A., 889
 Wortis, J., 254
 Wortis, H., 888
 Wortis, S. B., 888
 Wright, D., 1107
 Wright, S., 248
 Wyrsch, I., 873

 Yakovlev, P. I., 234
 Yamada, T., 885
 Yasuda, I., 239
 Young, L., 241, 245

 Zakon, S. J., 248
 Ziff, M., 1102
 Zilboorg, G., 426
 Zumma, C., 223