

БИБЛИОТЕКА
ОТЕЧЕСТВЕННАЯ

1

ENCYCLOPEDIA OF PSYCHOLOGY

Volume One

A to F

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ENCYCLOPEDIA OF PSYCHOLOGY

Volume 1

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FOREWORD

This three-volume *Encyclopedia of Psychology* is an international venture, both in the sense that the authors for the definitions and articles have been drawn from many different countries and also because it is being published in English, German, French, Spanish, Portuguese and Italian. Entries in this Encyclopedia are of two kinds. First there are the ordinary definitions, occupying a line or two, which can be found in most dictionaries; second, there are articles covering important terms and concepts, specially written by well-known authorities, ranging in length up to 4,000 words, and containing suitable bibliographies for further study. This combination seemed particularly suitable for a readership which would include professional psychologists as well as students, and also psychiatrists, sociologists, educators, social workers, anthropologists and quite generally anyone interested in modern psychology, its achievements, its theories and its problems.

Such an ambitious venture must stand or fall by the quality of the people writing the articles and definitions. We have been exceptionally lucky in obtaining the co-operation of well-known experts in all the fields covered; a brief mention of just a few of these will give the reader some idea of the quality of the authorship.

From the United States, Anne Anastasi has written on Differential Psychology and A. Bandura on Socialization; L. Berkowitz on Aggression; I. Bilodeau on Motor Skills and Practice; J. E. Birren on Aging and Gerontology; H. R. Blackwell on Decision Processes; J. Brozek on Soviet Psychology; R. B. Cattell on Factor Analysis; E. R. Hilgard on Behaviorism; A. L. Irion on Reminiscence; H. A. Murray on Need; J. Zubin and F. Schumer on Projective Tests. From Britain, H. J. Butcher has written on Questionnaires; C. Cherry on Communication; Alan and Anne Clarke on Mental Defect; D. Furneaux on Hypnosis; H. G. Jones on Habit; R. Lynn on Arousal; Irene Martin on Emotion and Stress; P. McKellar on Imagination and Fantasy; Ian Oswald on Sleep and Dreams; S. Rachman on Behavior Therapy and Aversion Therapy; H. Tajfel on Prejudice; P. E. Vernon on Personality; and A. Yates on Conflict and Frustration. From the Soviet Union, A. R. Luria has written on Aphasia and Localization of Psychological Functions, the Frontal Lobes, and Soviet Psychology; E. N. Sokolov on the Orienting Reflex and A. N. Sokolov on Thinking and Inner Speech. In addition there are many German, French and Japanese authors who may not be so well known to English-speaking readers, but who are regarded as international experts in their fields. The list given above is only a random sample of well-known contributors; many others could have been named in addition or instead of those actually mentioned.

It is our hope that this Encyclopedia will be found useful by those for whom it is intended; we also hope that it will play a part in making our science more truly international than it has been hitherto, by helping to standardize terms and information, drawing attention to work done in other countries, and generally making people more aware of the international character of modern psychology.

H. J. Eysenck

PREFATORY NOTE

This Encyclopedia for the most part presents psychology as increasingly understood and accepted in the English-speaking world; nevertheless, some entries represent views that now occur predominantly in the literature of other linguistic and cultural areas. An international work with contributors from twenty-two countries which takes into account the standard divisions and nomenclature of the university departments and institutes of the countries to which it is addressed, offers a unique opportunity to compare and obtain information on the diverse views and methods of the theoreticians and practitioners of a still young science; it necessarily includes some concepts which diverge significantly from their English analogues.

The bibliographies appended to each major article, and to many shorter entries, in most cases list the sources of the author's references to the essential Anglo-American literature, but in areas where theory and research have been written up largely in other languages, the appropriate books and articles are recorded. Unless the author has referred specifically to the original or current foreign-language edition, or the English version differs in some pertinent respect from the edition cited, only English translations are given. In the case of untranslated Russian works, French or German translations are cited whenever possible. Editions later than the first are indicated by a number before the date (e.g. ²1971). It is hoped that the sometimes extensive (though always selective) bibliographies will prove one of the most valuable features of the Encyclopedia.

A list of the main articles and contributors is provided at the beginning of this first volume, together with a key to the initials of the authors of the shorter entries. Short, unsigned definitions are the work of a group of psychologists and lexicographers in the Herder Lexicographical Institute.

Wherever it seems appropriate, headwords are followed by the main synonymous (or approximately equivalent) terms. In the case of pharmaceutical preparations, however, complete lists of the corresponding trade names for even the English-speaking countries would be beyond the scope of this Encyclopedia; nevertheless, examples of such products on the market during the preparation of this work are usually cited. Less common synonyms are sometimes given at the end of an entry. The main abbreviations to be found in the Encyclopedia are listed in these preliminary pages; other abbreviations, too numerous to be listed initially, appear in context.

A number of people, ranging from specialist advisers to translators, have helped to produce this edition of the Encyclopedia. They will be acknowledged in the third volume.

J.C.

MAIN ARTICLES

- Abilities (Eysenck, H. J., London, England; Meili, R., Berne, Switzerland)
- Abnormal Psychology (Mizushima, K., Tokyo, Japan)
- Accident Proneness (Shaw, L., Johannesburg, South Africa)
- Accident Research (Shaw, L., Johannesburg, South Africa)
- Achievement Motivation (Kornadt, H. J. & Münkkel, C., Saarbrücken, W. Germany)
- Activity (Traxel, W., Kiel, W. Germany)
- Act Psychology (Braun, P., Würzburg, W. Germany)
- Aging (Birren, J. E., Los Angeles, USA)
- Aggression (Berkowitz, L., Madison, USA)
- Analgesics (Boucsein, W., Giessen, W. Germany)
- Analysis of Variance (White, O., London, England)
- Alcoholism (Franks, C., New Brunswick, USA)
- Animal Psychology (Hediger, H., Zürich, Switzerland)
- Anlage* (Leyhausen, P., Wuppertal, W. Germany)
- Anthropology (Borel, M. J., Neuchâtel, Switzerland)
- Anthropology, Psychological (Yela, M., Madrid, Spain)
- Antidepressives (Dietsch, P., Giessen, W. Germany)
- Anxiety (Wolpe, J., Philadelphia, USA)
- Aphasia (Luria, A. R., Moscow, USSR)
- Applied Psychology (Arnold, W., Würzburg, W. Germany)
- Arousal (Lynn, R., Dublin, Ireland)
- Art, Psychology of (Wellek, A., Mainz, W. Germany)
- Aspiration, Level of (Karsten, A., Frankfurt, W. Germany)
- Association (Wesley, F., Portland, USA)
- Attention (Kristofferson, A. B., Hamilton, Canada)
- Attention, Theories of (Aebi, H. B., Berne, Switzerland)
- Attitude (Wilson, G. D., London, England)
- Auditory Perception (Chocolle, R., Paris, France)
- Autism (Rimland, B., San Diego, USA)
- Aversion Therapy (Rachman, S., London, England)
- Avoidance Behavior (Schönpflug, W., Bochum, W. Germany)
- Begabung* (Arnold, W., Würzburg, W. Germany)
- Behaviorism (Hilgard, E. R., Stanford, USA)
- Behavior Therapy (Rachman, S., London, England)
- Biology and Psychology (Grossmann, K. E., Freiburg, W. Germany)
- Birth Order (Toman, W., Erlangen, W. Germany)
- Blind, Psychology of the (Brambring, M., Marburg, W. Germany)
- Blocks (Bäumler, G., W. Germany)
- Brain (Guttmann, G., Vienna, Austria)
- Brain Pathology (Luria, A. R., Moscow, USSR)
- Castration Complex (Toman, W., Erlangen, W. Germany)

- Catecholamines (Janke, W., Giessen, W. Germany)
- Character (Arnold, W., Würzburg, W. Germany)
- Child Psychology (Yule, W., London, England)
- Clinical Psychology (Schraml, W., Freiburg, W. Germany)
- Cognitive Orientation (Kreitler, H. & Kreitler, S., Tel Aviv, Israel)
- Color Blindness (Plattig, K. H., Erlangen, W. Germany)
- Color Perception (Kanizsa, G., Trieste, Italy)
- Color Vision (Plattig, K. H., Erlangen, W. Germany)
- Communication (Cherry, C., London, England)
- Comparative Psychology (Holland, H. C., Beckenham, England)
- Conditioning, Classical & Operant (Holland, H. C., Beckenham, England)
- Conflict (Yates, A., Nedlands, Australia)
- Conscience (Trasler, G., Southampton, England)
- Consciousness (Pongratz, L.; Arnold, W., Würzburg, W. Germany)
- Consciousness, Disorders of (Ehrhardt, H., Marburg, W. Germany)
- Construct Validity (Horn, J. L., Denver, USA)
- Correlational Techniques (Maxwell, A. E., London, England)
- Creativity (Kaulfush, G., Hamburg, W. Germany)
- Credibility (Topič, O., Karlovy Vary, Czechoslovakia)
- Criminality (Trasler, G., Southampton, England)
- Crowd Behavior (Jodelet, F., Nancy, France)
- Cybernetic Education (Frank, H., West Berlin, Germany)
- Cybernetics and Psychology (Klix, F., Berlin, German Democratic Republic)
- Decision Processes (Blackwell, H. R., Columbus, USA)
- Defiance (Meister, H., Saarbrücken, W. Germany)
- Depression (Sattes, H., Würzburg, W. Germany)
- Depth Psychology (Miles, T. R., Bangor, Wales)
- Development (Oerter, R., Augsburg, W. Germany)
- Differential Psychology (Anastasi, A., New York, USA)
- Dream (Oswald, I., Edinburgh, Scotland)
- Drive (Bolles, R. C., Seattle, USA)
- Drug Dependence (Teasdale, J. D., London, England)
- Ear (Monje, M., Kiel, W. Germany)
- Educational Guidance (Illyés, F. & Lányes, A. E., Budapest, Hungary)
- Educational Psychology (Mialaret, G. C., Caen, France; Pelzer, K. E., Würzburg, W. Germany)
- Educational Science (Husén, T., Stockholm, Sweden)
- Ego (Meili, R., Berne, Switzerland; Pawlik, K., Hamburg, W. Germany; Toman, W., Erlangen, W. Germany)
- Emotion (Martin, I., London, England)
- Encephalopathy (Engels, H. J., Bonn, W. Germany)
- Energy, Psychic (Toman, W., Erlangen, W. Germany)
- Existence Analysis (Boss, M. & Hicklin, M., Zürich, Switzerland)
- Experiment (Merz, F., Marburg, W. Germany)
- Experimental Esthetics (Berlyne, D. E., Toronto, Canada)
- Exploration (Nahoum, C., Vanves, France)
- Expression (Kirchhoff, R., West Berlin, Germany)
- Eye (Monjé, M., Kiel; Rix, R., Erlangen, W. Germany)
- Factor Analysis (Cattell, R. B., Champaign, USA)
- Family (Toman, W., Erlangen, W. Germany)
- Fantasy (McKellar, P., Dunedin, New Zealand)
- Fatigue (Gubser, A., W. Germany)

- Feedback System (Rohracher, H., Vienna, Austria)
- Folk Psychology (Schmidbauer, W., Feldafing, W. Germany)
- Forensic Psychology (Müller-Luckmann, E., Brunswick, W. Germany)
- Frequency Distributions (Mittenecker, E., Graz, Austria)
- Frontal Lobes (Luria, A. R., Moscow, USSR)
- Frustration (Yates, A. J., Nedlands, Australia)
- Ganzheit, Gestalt*, Structure (Metzger, W., Münster, W. Germany)
- Geisteswissenschaftliche Psychologie* (Novak, F., Würzburg, W. Germany)
- General Psychology (McKellar, P., Dunedin, New Zealand; Müller, P., Neuchâtel, Switzerland)
- Genital Stage (Toman, W., Erlangen, W. Germany)
- Geometrical-optical Illusions (Rausch, E., Frankfurt, W. Germany)
- Gerontology (Birren, J. E., Los Angeles, USA)
- Gonadotropic Hormones (Maisch, H., Hamburg, Germany)
- Grammar (Abraham, W., W. Germany)
- Graphology (Pokorny, R., Tel Aviv, Israel; Novak, F., Würzburg, W. Germany)
- Group Dynamics (Braun, P., Würzburg, W. Germany)
- Group Formation (Schmidt-Mummendey, A., Mainz, W. Germany)
- Guilt (Ehrhardt, H., Marburg, W. Germany)
- Habit (Jones, H. G., Leeds, England)
- Hermaphroditism (Maisch, H., Hamburg, W. Germany)
- History of Psychology (Wesley, F., Portland, USA; Wehner, E., Würzburg, W. Germany)
- Homeostasis (Vormfelde, D., West Berlin, Germany)
- Homosexuality (Maisch, H., Hamburg, W. Germany)
- Hormones (Janke, W., Giessen, W. Germany)
- Humanistic Psychology (Cohen, J., Manchester, England; Bühler, C., Los Angeles, USA)
- Humor (Victoroff, D., Paris, France)
- Hypnosis (Furieux, D., Uxbridge, England)
- Id (Lischke, G., Freiburg, W. Germany)
- Identical Retinal Points (Rix, R., Erlangen, W. Germany)
- Identification (Toman, W., Erlangen, W. Germany)
- Imagery, Mental (Süllwold, F., Frankfurt)
- Impression (Kiener, F., West Berlin, Germany)
- Imprinting (Tschanz, B., Diemerswil, Switzerland)
- Incest (Maisch, H., Hamburg, W. Germany)
- Incubation (Ramsay, R. W., Amsterdam, The Netherlands)
- Industrial Psychology (Wilson, G. D., London, England)
- Infancy (Malrieu, P., Toulouse, France)
- Information (Weltner, K., Wiesbaden, W. Germany)
- Information, Psychology of (Frank, H., West Berlin, Germany)
- Information Theory (Weltner, K., Wiesbaden, W. Germany)
- Inhibition (Blöschl, L., Düsseldorf; Spreng, M., Erlangen; Schönplüg, W., Bochum, W. Germany)
- Inner Speech (Sokolov, A. N., Moscow, USSR)
- Instinct (Broadhurst, P. L. & Wilcock, J., Birmingham, England)
- Instructional Technology (Glaser, R., Pittsburgh, USA)
- Intelligence (Meili, R., Berne, Switzerland)
- Intelligence Tests (Steck, P., Würzburg, W. Germany)
- Interview (Bellebaum, A., Freiburg, W. Germany)
- Language (Kaminski, G., Tübingen, W. Germany)
- Latency (Toman, W., Erlangen, W. Germany)
- Laterality (Ullmann, J. F., Bonn, Germany)
- Leadership (Marschner, G. R. W., Bardenberg, W. Germany)
- Learning (Metz, F., Marburg, W. Germany)

- Learning Curves (Bartl, M., Augsburg, W. Germany)
- Learning Theory (Foppa, K., Berne, Switzerland)
- Libido (Toman, W., Erlangen, W. Germany)
- Life History (Bühler, C., Los Angeles, USA)
- Literature, Psychology of (Cumming, J., London, England)
- Localization of Psychological Functions (Luria, A. R., Moscow, USSR)
- Logical Reasoning (Wason, P. C., London, England)
- Longitudinal Studies (Meili, R., Berne, Switzerland)
- Mania (Sattes, H., Würzburg, W. Germany)
- Manipulation (Autrum, H.-J., Munich; Haas, H., Mannheim, W. Germany)
- Marriage Guidance (Dominian, J., London, England)
- Mathematical Psychology (Faverge, J.-M. F., Brussels, Belgium)
- Maturation; Maturity (Engels, H. J., Bonn, W. Germany)
- Meditation (Lotz, J. B., Rome, Italy; Dumoulin, H., Tokyo, Japan)
- Memory (Underwood, B. J., Evanston, USA; Schubert, F. C., Würzburg, W. Germany)
- Mental Defect (Clarke, A., Hull, England)
- Mental Hygiene (Friedemann, A., Bienne, Switzerland)
- Methods of Psychology (Traxel, W., Kiel, W. Germany)
- Military Psychology (Mitze, G., Bonn, W. Germany)
- Mind-Body Problem (Pongratz, L., Würzburg, W. Germany; Rohrer, H., Vienna, Austria)
- Models (Tack, W., Hamburg, W. Germany)
- Motivation (Nuttin, J. R., Louvain, Belgium)
- Motor Skills (Bilodeau, I., New Orleans, USA)
- Music, Psychology of (Lundin, R. A., Sewanee, USA)
- Music Therapy (H.-N. Genius, Würzburg, W. Germany)
- Need (Murray, H. A., Cambridge, Mass. USA)
- Neuroanatomy (Bosque, P. G., Valladolid, Spain)
- Neuropsychology (Guttmann, G., Vienna, Austria)
- Neurosis (Wolpe, J., Philadelphia, USA)
- Nervous System (Guttmann, G., Vienna, Austria)
- Non-parametric Tests (Lienert, G. & Sarris, V., Düsseldorf, W. Germany)
- Objective Tests (Wilson, G. D., London, England)
- Occupational Psychology (Leplat, J., Paris, France)
- Oedipus Complex (Toman, W., Erlangen, W. Germany)
- Operational Definition (Buggle, F., Hamburg, W. Germany)
- Opinion Polls (Noelle-Neumann, E., Allensbach, Germany)
- Orienting Reflex (Sokolov, E. N., Moscow, USSR)
- Pain (Sternbach, R. A., San Diego, USA)
- Parapsychology (Beloff, J., Edinburgh, Scotland)
- Perception (Droz, R., Lausanne, Switzerland)
- Perseveration (Mittenecker, E., Graz, Austria)
- Person (Arnold, W., Würzburg, W. Germany)
- Personality (Vernon, P. E., Calgary, Canada; Takuma, T., Tokyo, Japan)
- Personnel Selection (Marschner, G. R. W., Bardenburg, W. Germany)
- Perversions (Broadhurst, A., Birmingham, England)
- Phenomenology (Rudert, J., Heidelberg, W. Germany)
- Philosophy and Psychology (Braun, P., Würzburg, W. Germany)
- Physiology (Plattig, K. H., Erlangen, W. Germany)
- Physiological Psychology (Plattig, K. H., Erlangen, W. Germany)
- Physiology of Behavior (Grossmann, K., Freiburg, W. Germany)
- Political Psychology (Baeyer-Katte, W., Heidelberg, W. Germany)
- Practice (Bilodeau, I., New Orleans, USA)
- Prejudice (Tajfel, H., Bristol, England)

- Probability Theory (Maxwell, A. E., London, England)
- Prognosis (Schneider, H.-J., Hamburg, W. Germany)
- Programmed Instruction (Frank, H., West Berlin, Germany)
- Projection (Toman, W., Erlangen, W. Germany)
- Projective Techniques (Zubin, J. & Schumer, F., New York, USA)
- Psychagogy (Schmidbauer, W., Feldafing, W. Germany)
- Psychoanalysis (Ancona, L., Rome, Italy)
- Psychodiagnostics (Meili, R., Berne, Switzerland)
- Psycholinguistics (Kaminski, G., Tübingen, W. Germany)
- Psychopathy (Hare, R. D., Vancouver, Canada)
- Psychopathy: a Psychoanalytic View (Toman, W., Erlangen, W. Germany)
- Psychopharmacology (Janke, W., Giessen, W. Germany)
- Psychophysics (Stevens, S. S., Cambridge, USA)
- Psychoses (Lorr, M., Washington, USA)
- Psychosomatics (Hamilton, M., Leeds, England)
- Psychotechnics (Thomas, A., Münster, W. Germany)
- Psychotherapy (Bergin, A. E., New York, USA)
- Punishment (Church, R. M., Providence, USA)
- Questionnaires (Butcher, H. J., Sussex, England)
- Reaction Timers (Thomas, A., Münster, W. Germany)
- Regression (Toman, W., Erlangen, W. Germany; Mikula, G., Graz, Austria)
- Reinforcement (Bolles, R. C., Seattle, USA)
- Religion, Psychology of (Keilbach, W., Munich, W. Germany; Spinks, G. S., Bury, England; Vergote, A., Louvain, Belgium)
- Reminiscence (Irion, A. L., St Louis, USA)
- Restitution of Mental Processes (Luria, A. R., Moscow, USSR)
- Repression (Toman, W., Erlangen, W. Germany)
- Retention Curve (Hofer, M., Marburg, W. Germany)
- Retina (Rix, R., Erlangen, W. Germany)
- Risk Taking (Kogan, N., Princeton, USA)
- Rôle (Rocheblave-Spenlé, A., Paris, France)
- Satiation (Karsten, A., Frankfurt, W. Germany)
- Scaling (Eyferth, K., Darmstadt, W. Germany)
- Schizophrenia (Cooper, J. E., London, England)
- School Readiness (Mandl, H., Augsburg, W. Germany)
- Semantics (Bar-Hillel, J., Jerusalem, Israel)
- Sensation (Plattig, K. H., Erlangen, W. Germany)
- Sense Organs (Monjé, M., Kiel, W. Germany)
- Sexuality (Broadhurst, A., Birmingham, England)
- Sexuality in Childhood (Thomas, K., West Berlin, Germany)
- Sign and Symbol (Kreitler, S. & Kreitler, H., Tel Aviv, Israel)
- Simulation (Drösler, J., Brunswick, W. Germany)
- Skin Diseases (Vaitl, D., Münster, W. Germany)
- Sleep (Oswald, I., Edinburgh, Scotland)
- Socialization (Bandura, A., Stanford, USA)
- Social Perception (Pagès, R. C., Paris, France)
- Social Psychology (Hartley, E. L., Green Bay, USA; Victoroff, D., Paris, France)
- Social Scale (Schmidt-Mummendey, A., Mainz, W. Germany)
- Sociogram (Schmidt-Mummendey, A., Mainz, W. Germany)
- Soundness of Mind (Topič, O., Karlovy Vary, Czechoslovakia)
- Soviet Psychology (Brožek, J., Bethlehem, USA; Luria, A. R., Moscow, USSR)
- Space Perception (Pick, H., Minneapolis, USA)
- Sport, Psychology of (Schilling, G., Magglingen, Switzerland)
- Statistics (Faverge, J.-M., Brussels, Belgium)

- Stereotactic Methods (Adler, M., West Berlin, Germany)
- Stereotype (Schenk, J., Würzburg, W. Germany)
- Strata Theory (Wellek, A., Mainz, W. Germany)
- Stress (Martin, I., London, England)
- Suicide (Thomas, K., West Berlin, Germany)
- Surface and Source Traits (Hundleby, J. D., USA)
- Synapses (Spring, M., Erlangen, W. Germany)
- Taboo (Lindner, I., Frankfurt, W. Germany)
- Taxis (Lindner, I., Frankfurt, W. Germany)
- Teaching Machines (Zemanek, H., Vienna, Austria)
- Test Design (Bauer, W., Freiburg, W. Germany)
- Test Norms (Lienert, G. & Sarris, V., Düsseldorf, W. Germany)
- Test Theory (Horn, J. L., Denver, USA)
- Thinking (Sokolov, A. N., Moscow, USSR; Jorswieck, E., West Berlin, Germany)
- Time (Lang, A., Berne, Switzerland)
- Time, Experience of (Wittkowski, J., Würzburg, W. Germany)
- Topological Psychology (Wehner, E., Würzburg, W. Germany)
- Traffic Psychology (Hoyos, C., Munich, W. Germany)
- Traits (Eysenck, H. J., London, England)
- Transfer (Hofer, M., Marburg; Thomas, A., Münster, W. Germany)
- Transference (Toman, W., Erlangen, W. Germany)
- Twin Studies (Zazzo, R., Paris, France)
- Type (Eysenck, H. J., London, England)
- Unconscious (Toman, W., Erlangen, W. Germany)
- Validity (Pfau, D., Würzburg, W. Germany)
- Verbal Behavior, Establishment and Modification of (Sapon, S., Rochester, USA)
- Verstehende Psychologie* (Mierke, K., Kiel, W. Germany)
- Vigilance (Haider, M., Vienna, Austria)
- Visual Illusions (Rausch, E., Frankfurt, W. Germany)
- Visual Perception (Oyama, T., Chita, Japan)
- Vocational Guidance (Arnold, W., Würzburg, W. Germany)
- Will (Mierke, K., Kiel, W. Germany)
- Youth (Oerter, R., Augsburg, W. Germany)

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KEY TO INITIALS

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<i>A.Y.</i>	A. Yates	<i>E.N.S.</i>	E. N. Sokolov
<i>B.B.</i>	B. Brooker	<i>E.R.</i>	E. Rausch
<i>B.H.</i>	B. Heinze	<i>E.R.H.</i>	E. R. Hilgard
<i>B.J.U.</i>	B. J. Underwood	<i>E.U.</i>	E. Ullrich
<i>B.L.</i>	B. Louis	<i>E.W.</i>	E. Wehner
<i>B.R.</i>	B. Rollett	<i>F.B.</i>	F. Bomio
<i>B.S.</i>	B. Schmidt	<i>F.Bu.</i>	F. Buggle
<i>B.Sp.</i>	B. Spiegel	<i>F.-C.S.</i>	F.-C. Schubert
<i>B.T.</i>	B. Tschanz	<i>F.H.</i>	F. Haeberlin
<i>B.W.</i>	B. Wittlich	<i>F.J.</i>	F. Jodelet
<i>C.B.</i>	C. Brinkmann	<i>F.K.</i>	F. Keller

<i>F.Ki.</i>	F. Kiener
<i>F.Kl.</i>	F. Klix
<i>F.K.I.</i>	F. K. Illyés
<i>F.M.</i>	F. Merz
<i>F.Ma.</i>	F. Mattejat
<i>F.N.</i>	F. Novak
<i>F.S.</i>	F. Süllwold
<i>F.Sch.</i>	F. Schumer
<i>F.W.</i>	F. Wesley
<i>G.A.</i>	G. Arnold
<i>G.B.</i>	G. Bachmair
<i>G.B.T.</i>	G. B. Trasler
<i>G.C.M.</i>	G. C. Mialaret
<i>G.D.</i>	G. Debus
<i>G.D.W.</i>	G. D. Wilson
<i>G.E.</i>	G. Erdmann
<i>G.G.</i>	G. Guttman
<i>G.H.</i>	G. Huber
<i>G.J.</i>	G. Jones
<i>G.K.</i>	G. Kaulfush
<i>G.Ka.</i>	G. Kanizsa
<i>G.Ki.</i>	G. Kaminski
<i>G.K.S.</i>	G. K. Stürup
<i>G.L.</i>	G. Lischke
<i>G.Li.</i>	G. Lienert
<i>G.M.</i>	G. Mikula
<i>G.Mi.</i>	G. Mitze
<i>G.P.</i>	G. Prystav
<i>G.R.W.M.</i>	G. R. W. Marschner
<i>G.S.</i>	G. Stocker
<i>G.Sch.</i>	G. Schilling
<i>G.S.S.</i>	G. S. Spinks
<i>G.T.</i>	G. Trasler
<i>H.A.M.</i>	H. A. Murray
<i>H.C.H.</i>	H. C. Holland
<i>H.D.</i>	H. Dumoulin
<i>H.D.S.</i>	H. D. Schmidt
<i>H.E.</i>	H. Ehrhardt
<i>H.F.</i>	H. Frank
<i>H.H.</i>	H. Haase
<i>H.He.</i>	H. Hediger
<i>H.H.J.K.</i>	H. H. J. Keil
<i>H.I.</i>	H. Illner
<i>H.-J.A.</i>	H.-J. Aebi

<i>H.-J.Au.</i>	H.-J. Autrum
<i>H.J.B.</i>	H. J. Butcher
<i>H.J.En.</i>	H. J. Engels
<i>H.-J.E.</i>	H.-J. Eysenck
<i>H.-J.K.</i>	H.-J. Kornadt
<i>H.-J.S.</i>	H.-J. Steingrüber
<i>H.-J.Sch.</i>	H.-J. Schneider
<i>H.K.</i>	H. Knauer
<i>H.Kr.</i>	H. Kreidler
<i>H.L.</i>	H. Lippert
<i>H.M.</i>	H. Maisch
<i>H.Ma.</i>	H. Mandl
<i>H.Me.</i>	H. Meister
<i>H.N.G.</i>	H. N. Genius
<i>H.P.</i>	H. Pick
<i>H.R.</i>	H. Riedel
<i>H.Ro.</i>	H. Roth
<i>H.Rr.</i>	H. Rohrer
<i>H.R.B.</i>	H. R. Blackwell
<i>H.S.</i>	H. Schmalfuss
<i>H.Sa.</i>	H. Sattes
<i>H.Schr.</i>	H. Schröder
<i>H.T.</i>	H. Tajfel
<i>H.W.</i>	H. Wagenknecht
<i>H.Z.</i>	H. Zemanek
<i>H.Zu.</i>	H. Zumkley
<i>I.B.</i>	I. Bilodeau
<i>I.L.</i>	I. Lindner
<i>I.M.</i>	I. Martin
<i>I.M.D.</i>	I. M. Deusinger
<i>I.O.</i>	I. Oswald
<i>J.B.</i>	J. Beloff
<i>J.Bi.</i>	J. Birren
<i>J.Br.</i>	J. Brožek
<i>J.B.G.</i>	J. B. Grize
<i>J.B.-H.</i>	J. Bar-Hillel
<i>J.B.L.</i>	J. B. Lotz
<i>J.C.</i>	J. Cumming
<i>J.Co.</i>	J. Cohen
<i>J.D.</i>	J. Drösler
<i>J.D.H.</i>	J. D. Hundleby
<i>J.D.T.</i>	J. D. Teasdale
<i>J.Fa.</i>	J. Fahrenberg
<i>J.F.</i>	J. Friedrichs
<i>J.F.U.</i>	J. F. Ullmann

<i>J.G.</i>	J. Griffiths	<i>M.Ha.</i>	M. Hamilton
<i>J.L.</i>	J. Leplat	<i>M.He.</i>	M. Henke
<i>J.L.H.</i>	J. L. Horn	<i>M.Ho.</i>	M. Hofer
<i>J.L.I.</i>	J. Lopez Ibor	<i>M.-J.B.</i>	M.-J. Borel
<i>J.M.</i>	J. Miels	<i>M.L.</i>	M. Lorr
<i>J.Ma.</i>	J. Maxwell	<i>M.Mo.</i>	M. Monjé
<i>J.Me,</i>	J. Maisonneuve	<i>M.R.</i>	M. Reinhardt
<i>J.-M.F.</i>	J.-M. Faverge	<i>M.S.</i>	M. Spreng
<i>J.N.</i>	J. Nitsch	<i>M.Sa.</i>	M. Sachs
<i>J.O.</i>	J. Osterland	<i>M.Y.</i>	M. Yela
<i>J.P.</i>	J. Price	<i>N.K.</i>	N. Kogan
<i>J.R.</i>	J. Rudert	<i>N.S.-R.</i>	N. Schmidt-Relenberg
<i>J.R.N.</i>	J. R. Nuttin	<i>O.S.</i>	O. Schrappe
<i>J.S.</i>	J. Schenk	<i>O.T.</i>	O. Topič
<i>J.W.</i>	J. Wittkowski	<i>O.W.</i>	O. White
<i>J.Wi.</i>	J. Wilcock	<i>P.B.</i>	P. Braun
<i>J.Wo.</i>	J. Wolpe	<i>P.-B.H.</i>	P.-B. Heinrich
<i>J.Z.</i>	J. Zoltobrocki	<i>P.C.W.</i>	P. C. Wason
<i>J.Zu.</i>	J. Zubin	<i>P.D.</i>	P. Dietsch
<i>K.D.G.</i>	K. D. Graf	<i>P.G.</i>	P. Graw
<i>K.D.N.</i>	K. D. Nissen	<i>P.G.B.</i>	P. Gomez Bosque
<i>K.-D.S.</i>	K.-D. Stoll	<i>P.J.</i>	P. Jankowski
<i>K.E.</i>	K. Eyferth	<i>P.L.</i>	P. Leyhausen
<i>K.E.G.</i>	K. E. Grossmann	<i>P.Le.</i>	P. Ley
<i>K.E.P.</i>	K. E. Pelzer	<i>P.L.B.</i>	P. L. Broadhurst
<i>K.F.</i>	K. Fiedler	<i>P.M.</i>	P. Müller
<i>K.Fo.</i>	K. Foppa	<i>P.Ma.</i>	P. Malrieu
<i>K.G.</i>	K. Grossmann	<i>P.McK.</i>	P. McKellar
<i>K.H.P.</i>	K. H. Plattig	<i>P.S.</i>	P. Steck
<i>K.M.</i>	K. Mizushima	<i>P.Sch.</i>	P. Schmidt
<i>K.Mi.</i>	K. Mierke	<i>P.T.</i>	P. Tholey
<i>K.P.</i>	K. Pawlik	<i>P.V.</i>	P. Vernon
<i>K.T.</i>	K. Thomas	<i>P.W.B.</i>	P. W. Bradshaw
<i>K.W.</i>	K. Weltner	<i>P.Z.</i>	P. Zimmermann
<i>L.A.</i>	L. Ancona	<i>R.A.S.</i>	R. A. Stamm
<i>L.B.</i>	L. Blöschl	<i>R.A.St.</i>	R. A. Sternbach
<i>L.J.I.</i>	L. J. Issing	<i>R.B.C.</i>	R. B. Cattell
<i>L.J.P.</i>	L. J. Pongratz	<i>R.C.</i>	R. Chocholle
<i>L.S.</i>	L. Shaw	<i>R.C.B.</i>	R. C. Bolles
<i>M.A.</i>	M. Amelang	<i>R.C.P.</i>	R. C. Pagès
<i>M.Ad.</i>	M. Adler	<i>R.D.</i>	R. Droz
<i>M.B.</i>	M. Brambring	<i>R.D.H.</i>	R. D. Hare
<i>M.Ba.</i>	M. Bartl	<i>R.G.</i>	R. Glaser
<i>M.Bo.</i>	M. Boss	<i>R.H.</i>	R. Hetherington
<i>M.H.</i>	M. Haider	<i>R.Hä.</i>	R. Hänni

<i>R.K.</i>	R. Kirchhoff	<i>V.Sa.</i>	V. Sarris
<i>R.L.</i>	R. Lynn	<i>W.A.</i>	W. Arnold
<i>R.M.</i>	R. Meili	<i>W.Ab.</i>	A. Abraham
<i>R.M.C.</i>	R. M. Church	<i>W.B.</i>	W. Boucsein
<i>R.O.</i>	R. Oerter	<i>W.Ba.</i>	W. Bauer
<i>R.P.</i>	R. Pokorny	<i>W.B.-K.</i>	W. Baeyer-Katte
<i>R.P.S.</i>	R. P. Swinson	<i>W.D.F.</i>	W. D. Fröhlich
<i>R.R.</i>	R. Rix	<i>W.F.N.</i>	W. F. Neubauer
<i>R.S.</i>	R. Simon	<i>W.H.B.</i>	W. H. Butollo
<i>R.W.L.</i>	R. W. Lundin	<i>W.J.</i>	W. Janke
<i>R.W.R.</i>	R. W. Ramsay	<i>W.J.S.</i>	W. J. Schraml
<i>R.Z.</i>	R. Zazzo	<i>W.K.</i>	W. Kretschmer
<i>S.K.</i>	S. Kanizsa	<i>W.Ke.</i>	W. Keilbach
<i>S.Kr.</i>	S. Kreutzer	<i>W.L.</i>	W. Lauterbach
<i>S.R.</i>	S. Rachman	<i>W.M.</i>	W. Metzger
<i>S.S.</i>	S. Sapon	<i>W.N.</i>	W. Neubauer
<i>S.S.S.</i>	S. S. Stevens	<i>W.P.</i>	W. Pieper
<i>T.H.</i>	T. Husén	<i>W.S.</i>	W. Sperber
<i>T.O.</i>	T. Oyama	<i>W.Sc.</i>	W. Schmidbauer
<i>T.R.M.</i>	T. R. Miles	<i>W.Sch.</i>	W. Schönpflug
<i>T.T.</i>	T. Takuma	<i>W.Se.</i>	W. Seitz
<i>U.H.S.</i>	U. H. Schindler	<i>W.T.</i>	W. Toman
<i>V.K.J.</i>	V. K. Jain	<i>W.Ta.</i>	W. Tack
<i>V.M.</i>	V. Martinu	<i>W.Tr.</i>	W. Traxel
<i>V.P.</i>	V. Preuss	<i>W.W.</i>	W. Wittling
<i>V.S.</i>	V. Sigusch	<i>W.Y.</i>	W. Yule