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Memorial of Fred Earl Ingerson, 1906-1993

Michael Fleischer

For deposit: Bibliography of F. Earl Ingerson

American Mineralogist, 79, 9-10, 1019-1020.

1. (1934) Relation of critical and supercritical phenomena of solutions to geologic processes. *Econ. Geol.* 29, 454-470.
 2. (1934) (with J. B. Stone). Some volcanoes of Southern Chile. *Am. J. Sci.* 28, 269-287.
 3. (1935) Layered peridotitic laccoliths of the Trout River Area, Newfoundland. *Am. J. Sci.* 35, 422-440. (Dissertation).
 4. (1936) Fabric analysis of a coarsely crystalline polymetamorphic tectonite. *Am. J. Sci.* 31, 161-187.
 5. (1937) (with George W. Morey). The melting of danburite: A study of liquid immiscibility in the system, $\text{CaO-B}_2\text{O}_3\text{-SiO}_2$. *Am. Mineral.* 22, 37-47.
 6. (1937) Accurate orientation of thin sections. *Am. Mineral.* 22, 760-772.
 7. (1937) (with George W. Morey). The pneumatolytic and hydrothermal alteration and synthesis of silicates. *Econ. Geol.* 32 (Suppl.), 607-761.
 8. (1937) (with George W. Morey). A bomb for use in hydrothermal experimentation. *Am. Mineral.* 22, 1121-1122.
 9. (1937) Layered peridotitic laccoliths in the Trout River Area, Newfoundland - a reply. *Am. J. Sci.* 33, 389-392.
 10. (1938) Uraninite and associated minerals from Haddam Neck, Connecticut. *Am. Mineral.* 23, 269-276.
 11. (1938) Laboratory technique of petrofabric analysis. Part II of Memoir 6, *Geol. Soc. Amer.*, "Structural Petrology", 209-262.
 12. (1938) Summary of article by Bruno Sander: "Über Zusammenhänge zwischen Teilbewegung und Gefüge in Gesteinen". *Tschermak's mineralog. petrog. Mitt.* 30, 281-314, 1911. Excerpt from "Report of the Committee on Structural Petrology", Division of Geology and Geography, National Research Council, October, 23-31.
 13. (1938) Albite trends in some rocks of the Piedmont. *Am. J. Sci.* 35-A, 127-141.
 14. (1938) (with George W. Morey). The system, water-sodium disilicate. *Am. J. Sci.* 35 A, 217-225.
 15. (1939) Comparison of the fabrics of inclusions and the adjacent intrusive rock. *Am. Mineral.* 24, 607-623.
-

16. (1940) Fabric criteria for distinguishing pseudo ripple marks from ripple marks. Bull. Geol. Soc. Am. 51, 557-570.
17. (1940) (and George W. Morey). Review and discussion of article by L. G. Graton: "Nature of the ore-forming fluid", Econ. Geol. 35, 197-358. Ibid. 772-785.
18. (1940) (with George W. Morey). Water with some alkali silicate systems up to 3,000 pounds pressure (abs.). Trans. Am. Geophys. Union, 21st Annual Meeting, 362-363.
19. (1941) (with George W. Morey). Solubility, transport, and crystallization by means of a vapor phase (abs.). Trans. Am. Geophys. Union, 22nd. Annual Meeting, 504.
20. (1942) (and Joseph L. Ramisch). Origin of shapes of quartz sand grains. Am. Mineral. 27, 595-606.
21. (1942) Apparatus for direct measurement of linear structures. Am. Mineral. 27, 721-725.
22. (1942) Discussion of article by R. M. Shaub: "An unusually banded fissure vein", Am. Mineral. 27, 649-651.
23. (1943) (and O. F. Tuttle). A graph for determining angle and direction of pitch of lineations in the field. Am. Mineral. 28, 209-210.
24. (1943) (and Julian D. Berzsdale). Iridescent garnet from the Adelaide Mining District, Nevada. Am. Mineral. 28, 303-312.
25. (1943) (1943) (and George W. Morey). Preparation and properties of some compounds in the system $H_2O-Na_2O-F_2O_5$. Am. Mineral. 28, 448-455.
26. (1944) (with George W. Morey). The binary system $NaPO_3-Na_4F_2O_7$. Am. J. Sci. 242, 1-6.
27. (1944) Why petrofabrics. Trans. Am. Geophys. Union, 25th Annual Meeting, 635-652.
28. (1944) A method for testing resistance of metals to surface cracking under conditions similar to those obtained in guns. N.D.R.C., Armor and Ordnance Report No. A-271 (O.S.R.D. No. 3628). 49pp.
29. (1944) (with W. D. Urry). Comparison of erosion of gun steel by smokeless powder with and without black powder or its components. N.D.R.C., Armor and Ordnance Report.

BIBLIOGRAPHY --- Earl Ingerson

43. (1953) Aplicacao da analise petrofabrica na solusao de alguns problem geologicos. Min. & Met. (Brasil) XVIII, No. 108, 297-301 and Eng. Min. Metal. XIX, No. 109, 17-20.
44. (1953) Non-radiogenic isotopes in Geology, A Review. Bull. Geol. Soc. of America. Vol. 64, 361-373.
45. (1953) (with H. S. Ladd, and R. C. Townsend, Martin Russell, and H. Kirk Stephenson). Drilling on Eniwetok Atoll, Marshall Islands. Bull. Amer. Assn. Pet. Geol., 37, No. 10, 2257-2280.
46. (1954) (and Joseph L. Ramisch). Studies of Unconsolidated Sediments. I: Quartz Fabric of Current and Wind Ripple Marks. Tech. Min. Petr. Mitt., 4, 117-124.
47. (1954) (with Donald H. Richter) Some Considerations Regarding Liquid Inclusions as Geologic Thermometers. Econ. Geol. 49, 786-789.
48. (1954) Nature of the Ore forming Fluids at Various Stages a Suggested Approach. Econ. Geol., 49, 726-732.
49. (1954) Geochemical Work of the Geochemistry and Petrology Branch, U. S. Geological Survey. Geochimica et Cosmochimica Acta, 5, 20-39.
50. (1955) Methods and Problems of Geologic Thermometry. Econ. Geol. Fiftieth Anniv. Vol., 341-410.
51. (1955) Geologic Thermometry. 'The Crust of the Earth', G.S.A. Special Paper 62, 465-488.
52. (1955) The Geochemist. Mineral Industries. The Penn. State Univ. 25, 7-12.
53. (1955) The Mineralogist. Min. Ind., The Penn State Univ., 25, 7-12.
54. (1955-56) Response to Presentation of Day Medal. Proc. Vol. G.S.A. Annual Report, 67-70.
55. (1955-56) Memorial to John Putnam Marble. Proc. Vol. G.S.A. Annual Report, 143-146.

BIBLIOGRAPHY -- Earl Ingerson

56. (1956) Estudios Fundamentales en el Ramo de Geoquímica y Petrología del Geological Survey en Apoyo al Programa de la Política Sobre Minerales de los Estados Unidos. Abstract, Resúmenes de los Trabajos Presentados, XX Congreso Geológico Internacional. 365-366. (full paper in press Proc. XXth Int. Geol. Cong. Mexico City). ^{Vol. 3, Symp. Expl. Geoquím., pp. 711-725.}
57. (1957) Index to Vols. 31-40 The American Mineralogist, 282pp.
58. (1958) Geochemical Symposia, Research and Education in the U.S.S.R. Capital Chemist 8, 128-131.
59. (1958) Training and Utilization of Geologists in the U.S.S.R. GeoTimes. 11, No.12, 6-7 and 14.
60. (1958) The next decade in geochemistry (1958). Geochim. Acta 14, 185-203 (Presidential address before the Geochemical Society, Atlantic City, Nov. 4, 1957).
61. (1959) (with Hoover Mackin). Derivation of Ore-Forming Fluids in the Iron Springs District, Utah, Proceedings of Institute of Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry, Academy of Sciences, U.S.S.R., (Korzhinsky Symposium), released Sept. 12, 1959.
62. (1959) Rare earth content in monazites from two Brazilian pegmatites, Proceedings of the Geochemical Symposium on "Geochemistry of Rare Elements in Relation to Problems of Petrogenesis", Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Dec. 20-24, 1957. Izdat. Akad. Nauk S.S.S.R., pp. 77-82.
63. (1960) Geologic Thermometry, Part I - Non-Isotopic Methods, McGraw-Hill Encyclopedia of Science and Technology, Vol. 6, 126-130.
64. (1960) Geology of Metalliferous Deposits: An hypothesis for the origin of ore-forming fluid (with Hoover Mackin), U.S. Geol. Survey Prof. Paper 400B, pp. B1-B2.
65. (1962) Problems of the Geochemistry of Sedimentary Carbonates (Invited keynote address before the symposium on the Geochemistry of Sedimentary Carbonate Rocks, XXI, International Geological Congress, Aug. 18, 1960), Geochim. et Cosmochim. Acta, 26, 815-847.
66. (1962) The Geochemical Society; A Society International in Scope for the Advancement of Geochemistry, GeoTimes, 6, 8-14 and 39.

67. (1960) Estudios Fundamentales en la Subdivisión de Geoquímica y Petrología del Geological Survey, Symposium de Exploración (Tercer Tomo), pp. 711-725.
68. (1964) Geochemistry, Encyclopedia International, vol. 7, pp. 504-505.
69. (1964) The Concept of a Separable Pneumatolytic Stage in Post-Magmatic Ore Formation. Proceedings of Symposium on Problems of Post-Magmatic Ore Formation held in Prague, September, 1963. Supplementary Volume, 1964.
70. (1965) (and Robert L. Wershaw) Oxygen Isotope Fractionation in the System: Quartz-Water. Special volume honoring Akad. A. P. Vinogradov on his 70th birthday. Geokhimiya, No. 8, pp. 944-960.
71. (1964) (and F. J. Pearson, Jr.) Estimation of age and rate of motion of ground-water by the C^{14} method, in Recent Researches in the Fields of Hydrosphere, Atmosphere and Nuclear Geochemistry, Maruzen Company, Ltd., Tokyo, Japan, 1964, pp. 263-283.
72. (1965) Assumptions implicit in the application of experimental studies of metal transport to problems of ore deposition: A discussion of Question 2: Criteria solving the manner of the transport of metals in ore-bearing solutions. Symposium: Problems of Post-Magmatic Ore Deposition, Vol. II, Prague, 1965, pp. 457-459.
73. (1965) Lead article for Question 3: Reasons for or against the distinguishing of a pneumatolytic phase in the classification of post-magmatic processes. Symposium: Problems of Post-Magmatic Ore Deposition, Vol. II, Prague, 1965, pp. 463-471.
74. (1965) (and E. L. Faulkner) An experimental approach to hydrothermal solution chemistry (abstract), Trans. of the American Geophysical Union, vol. 46, p. 184.
75. (1966) Summary of the Geochemical Work Sessions at Houston and New Orleans. Proceedings of International Saline Conference, 1966.
76. (1967) (with Richard F. Leo) Geologic literature for chemists, Jour. Chem. Ed., vol. 44, pp. 751-54.
77. Supplement to above, 10 pages with 259 additional titles.
78. (1967) Memorial for Prof. Charles F. Davidson, O.B.E., F.R.S.E., University of St. Andrew's, late President of the International Association on the Genesis of Ore Deposits, Int. Geol. Review, vol. 9, no. 12, p. iii.

79. (1968) Presidential address, IAGC, and introduction to symposium. Origin and Distribution of the Elements, L. H. Ahrens (ed.), International Series of Monographs in Earth Sciences, Vol. 30, Pergamon Press, Oxford, xi-xvii.
80. (1968) Deposition and geochemistry work sessions (Part 5: Work Session Reports). Saline Deposits, A Symposium Based on Papers from the International Conference on Saline Deposits, Houston, Texas, 1962, GSA Special Paper No. 88, Richard B. Mattox (ed.), Geological Society of America, Inc., pp. 671-681.
81. (1969) Geologic Thermometry. McGraw-Hill Encyclopedia of Science. vol. 6, pp. 3542-3550.
82. (1970) Geochemistry, 1969. GeoTimes, vol. 15, no. 1, pp. 13-14.
83. (1972) Geochemistry, 1971. GeoTimes, vol. 17, no. 1, pp. 17-18.
84. (1972) Pathfinder elements in geochemical prospecting. Primer Congreso Latinoamericano de Geologia, Tomo V: Geofisica y Geoquimica, pp. 99-115, Lima. Peru.
85. (1973) The possibility of geochemical provinces in ocean basins in Metallogenetic and Geochemical Provinces, W. E. Petrascheck (ed.), Springer-Verlag, Vienna, pp. 52-64.
86. (1973) Ed., Hydrogeochemistry, The Clarke Co., Washington, D.C., 662 pp.
87. (1973) Ed., Biogeochemistry, The Clarke Co., Washington, D.C., 613 pp.
88. (1974) The Lemmings are Coming, Phi Kappa Phi Journal, LIV, pp. 22-31.
89. (1974) (with Peter H. Schultz) Martian lineaments from Mariner 6 and 7 images. Journal of Geophysical Research, 78, pp. 8415-8427.
90. (1975) Ed. (with Wayne Bragg), Science, Government, and Industry for Development: The Texas Forum. Austin: Institute of Latin American Studies of the University of Texas. 401 pages.
91. Segundo Congreso Latino Americano de Geologia, Tonio Caracas, Venezuela.

Also, some 40 company reports on various geochemical problems, most of which are company confidential material; also, more than 75 published reviews, discussions, summaries, responses, abstracts, obituaries, etc.

(1977): Consequences of some fallacies in ideas of ore formation, for a Festschrift Volume on the occasion of the 60th birthday of Prof. A.I. Tugarinov, Moscow (in Russian), pp. 170-177.

(1978): Developments in Geology and Geochemistry, 1977; Encyclopedia Britannica Science Yearbook, 1978, pp.