

AM-86-306

CD 1 of 1

Memorial of George T. Faust

Michael Fleischer

Complete bibliography of George T. Faust

American Mineralogist, 71, 5-6, 843-844. pp 1-6

c 1986 Amer Geo Union

1 cd 10 copies

Fatal 10

Bibliography of George T. Faust

1. 1930 Notes on crystal etchings: Bull. Wagner Free Inst. Sci.
v. 5, p. 35-42
2. 1936 The fusion relations of iron-orthoclase, with a discussion
of the evidence for the existence of an iron-orthoclase
molecule in feldspars: Am. Mineral. v. 21, p. 735-763
3. 1937 Refractive-index measurements of some early American glass:
The Magazine Antiques v. 32, p. 310-312
4. 1937 (and W.F. Hunt), Pencatite from the Organ Mountains, New
Mexico: Am. Mineral. v. 22, p. 1151-1160
5. 1938 (and A.B. Peck), Refractive indices of some glasses in the
ternary system $K_2O \cdot 4SiO_2 \cdot Fe_2O_3 \cdot SiO_2$: Jour. Am.Ceramic
Soc. v. 21, p. 320-324
6. 1939 (and S.R.B. Cooke), Ocular photocell for the rapid determination
of projected area of opaque particles: U.S . Bur. Mines
Rept. Invest. no. 3460, p. 1-14
7. 1940 The role of the petrographic microscope in criminal
investigation: Jour. Criminal Law and Criminology,
v. 31, p. 246-249
8. 1940 A polarizing comparison-microscope for use in petrographic
measurements: U.S. Bur. Mines Rept. Invest. no. 3503, xxxx
p. 1-7
9. 1940 The staining of clay minerals as a rapid means of identification
in natural and beneficiated products, with a general
discussion of staining techniques: U.S. Bur. Mines Rept.
Invest. no. 3522, p. 1-21

10. 1940 (and Alton Gabriel), Petrographic methods and their application to the examination of nonmetallic materials: U.S. Bur. Mines Inform. Circ. no. 7129, p. 1-15
11. 1941 (with L.T. Alexander and S.B. Hendricks), Occurrences of gibbsite in some soil-forming materials: Soil Sci. Am., Proc. v. 6, p. 52-57
12. 1942 (with R.R. Ralston), Electric furnace study of the MgO - SiO₂ system: Jour. Am. Ceramic Soc. v. 25, p. 294-310
13. 1943 (with L.T. Alexander, S.B. Hendricks, H. Insley, and H.F. McMurdie), Relationship of the clay minerals halloysite and endellite: Am. Mineral. v. 28, p. 1-18
14. 1943 (with W.L. Hill and S.B. Hendricks), Polymorphism of phosphoric oxide: Jour. Am. Chem. Soc. v. 65, p. 794-802
15. 1943 (with Lane Mitchell, S.B. Hendricks, and D.S. Reynolds), The mineralogy and genesis of hydroxylapatite: Am. Mineral. v. 28, p. 356-371
16. 1944 (with W.L. Hill and D.S. Reynolds), The binary system CaO - P₂O₅: Am. Jour. Sci. v. 242, p. 457-477 and p. 542-562
17. 1944 The differentiation of magnesite from dolomite in concentrates: Econ. Geol. v. 29, p. 142-149
18. 1948 (and Eugene Callaghan), Mineralogy and petrology of the Current Creek magnesite deposits and associated rocks of Nevada: Bull. Geol. Soc. Am. v. 59, p. 11-74
19. 1948 Thermal analysis of quartz and its use in calibration in thermal analysis: Am. Mineral. v. 33, p. 337-345

Faust bibliography, p. 3

20. 1949 Differentiation of aragonite from calcite by differential thermal analysis: *Science* v. 11, no. 2859, p. 402-403
21. 1949 Dedolomitization, and its relation to a possible derivation of a magnesium-rich hydrothermal solution: *Am. Mineral.* v. 34, p. 795-822
22. 1950 Thermal analysis studies on carbonates II. Aragonite and calcite: *Am. Mineral.* v. 35, p. 207-224
23. 1951 Thermal analysis and x-ray studies of saucouite and some zinc minerals of the same paragenetic association: *Am. Mineral.* v. 36, p. 795-822
24. 1953 Huntite, $Mg_3Ca(CO_3)_4$, a new mineral: *Am. Mineral.* v. 38, p. 4-24
25. 1953 (and K.J. Murata), Stevensite, redefined as a member of the montmorillonite group: *Am. Mineral.* v. 38, p. 973-987
26. 1955 The endellite-halloysite nomenclature: *Am. Mineral.* v. 40, p. 1110-1118
27. 1955 Thermal analysis and x-ray studies of griffithite: *Jour. Wash. Acad. Science* V. 45, p. 66-70
28. 1956 (and B. Nagy), Serpentines, natural mixtures of chrysotile and antigorite: *Am. Mineral.* v. 41, p. 817-838
29. 1956 (and K.J. Murata and J.J. Fahey), Relation of minor element content of serpentines and their geological origin: *Geochim. Cosmochim. Acta* v. 10, p. 316-320
30. 1956 Clarence Ross: *Am. Mineral.* v. 39, p. 879-882
31. 1953 Memorial of Charles R. Tothaker: *Am. Mineral.* v. 38, p. 313-316

Faust bibliography, p. 4

32. 1956 Symposium on the teaching of elementary mineralogy - a practical approach: Jour. Geol. Education, V. 4, no. 2, p. 83-86
33. 1957 A study of the montmorillonite variety galapektite: Jour. Wash. Acad. Science v. 47, p. 143-146
34. 1957 The relation between lattice parameters and composition for montmorillonite-group minerals: Jour. Wash. Acad. Science v. 47, p. 146-147
35. 1958 (and Eugene Callaghan), Mineralogy and petrology of the Currant Creek magnesite deposits and associated rocks of Nevada - new data: Bull. Geol. Soc. Am. v. 69, p. 353-354
36. 1958 Chemical Mineralogy, Supplement to "Encyclopedia of Chemistry", Reinhold Publishing Co., N.Y., p. 57-58
37. 1959 (and J.C. Hathaway and Georges Millot), A restudy of stevensite and allied minerals: Am. Mineral. v. 44, p. 342-370
38. 1962 (and J.J. Fahey), The serpentine group minerals: U.S. Geol. Surv. Profess. Paper 384-A, p. 1-92
39. 1963 Minor elements in serpentines - additional data: Geochim. Cosmochim. Acta v. 27, p. 665-668
40. 1963 Phase transition in synthetic and natural leucite: Schweiz. Mineralog. Petrog. Mitt. v. 43, p. 165-194

Faust bibliography - p. 5

41. 1963 Physical properties and mineralogy of selected samples of the sediments from the vicinity of the Brookhaven National Laboratory, Long Island, N.Y.: U.S. Geol. Surv. Bull. 1156-B, p. iv + 34
42. 1963 (with Michael Fleischer), Studies on manganese oxide minerals. VII. Lithiophorite: Schweiz. Mineralog. Petrog. Mitt. v. 43, p. 197-216
43. 1966 The hydrous nickel-magnesium silicates - the garnierite group: Am. Mineral. v. 51, p. 279-298
44. 1967 (and Bartholomew Nagy), Solution studies on chrysotile, lizardite, and antigorite: U.S. Geol. Survey Profess. Paper 384, p. 93-105
45. 1969 Memorail of Alfred Cary Hawkins: Am. Mineral. v. 54, p. 619-625
46. 1969 (and J.J. Fahey, Brian Mason, and E.J. Dwornik), Pecoraite, $\text{Ni}_6\text{Si}_4\text{O}_{10}(\text{OH})_8$, nickel analogue of clinochrysotile, formed in the Wolf Creek meteorite: Science v. 165, p. 59-60
47. 1970 (with Michael Fleischer), Memorial to Waldemar Theodore Schaller, 1882-1967: Geol. Soc. Am. Memorials, 3 pp.
48. 1971 (and W.T. Schaller), Schoenfliesite, $\text{MgSn}(\text{OH})_6$: Zeitschr. Kristallog. V. 134, p. 116-141
49. 1973 (and J.J. Fahey, Brian Mason, and E.J. Dwornik), The disintegration of the Wolf Creek meteorite and the formation of pecoaraite, the nickel analogue of clinochrysotile: U.S. Geol. Survey Profess. Paper 384-C, p. 107-135

Faust bibliography, p. 6

50. 1975 A review and interpretation of the geologic setting of
of the Watchung basalt flows, New Jersey: U.S. Geol.
Survey Profess. Paper 864-A, p. 1-42
51. 1978 Joint systems in the Watchung basalt flows, New Jersey:
U.S. Geol. Surv. Profess. Paper 864-B, p. 1-46

Michael Fleisher