

MINERALOGISCHE TABELLEN, first established by HUGO STRUNZ in 1941, have gone through many editions, reprints and translations, some with co-author CHRISTEL TENNYSON.

This ninth, completely new edition, the first in English language, is completely revised and updated, incorporating a large number of data on new minerals and new data on previously described minerals.

MINERALOGICAL TABLES uses a chemical-structural mineral classification system based on the same general principles as those embodied in earlier editions: All minerals are apportioned into one of ten classes according to their principal anionic constituents.

Each of these ten classes is then broken down into divisions, subdivisions and groups, based on chemical composition and crystal structure. A simple alphanumeric coding system is applied to the various categories. This coding system has intentional gaps that permit the insertion of new categories of minerals yet to be discovered without disrupting the general classification scheme.

The data are presented in tabular form, with minerals grouped by structure type, and include the chemical formula and crystallographic parameters for each mineral, as well as the authors of the original mineral description. Literature references to reports of crystal structure determinations and to the more recent descriptive papers are also provided. Each group is accompanied by a brief description of the crystal structures of the minerals comprising the group, and crystal-structure drawings are given for many of the important structure types.

A must for all mineralogists, crystallographers, chemists, mineral collectors and museums.

ISBN 3-510-65188-X



<http://www.schweizerbart.de>

Contents

Introduction

Historical Development	1
Chemical Bonding and Crystal Structures	7
Definitions	13
The Data in the Tabulations	14
The Classification System	14
Summary of System	17
Periodicals	28

1. ELEMENTS (Metals and intermetallic alloys; metalloids and nonmetals; carbides, silicides, nitrides, phosphides)

1.A: Metals and Intermetallic Alloys	33
1.B: Metallic Carbides, Silicides, Nitrides and Phosphides	46
1.C: Metalloids and Nonmetals	50
1.D: Nonmetallic Carbides and Nitrides	54

2. SULFIDES and SULFOSALTS (sulfides, selenides, tellurides; arsenides, antimonides, bismuthides; sulfarsenites, sulfantimonites, sulfbismuthites, etc.)

Sulfides, etc.

2.A: Metal/metalloid alloys	56
2.B: Metal Sulfides, $M:S > 1:1$ (mainly 2:1)	61
2.C: Metal Sulfides, $M:S = 1:1$ (and similar)	75
2.D: Metal Sulfides, $M:S = 3:4$ and $2:3$	93
2.E: Metal Sulfides, $M:S \leq 1:2$	100
2.F: Sulfides of arsenic, alkalies; sulfides with halide, oxide, hydroxide, H_2O	110

Sulfosalts

2G: Sulfarsenites, sulfantimonites, sulfbismuthites	118
2.H: Sulfosalts of SnS archetype	128
2.J: Sulfosalts of PbS archetype	140
2.K: Sulfarsenates	147

3. HALIDES

3.A: Simple halides, without H_2O	148
3.B: Simple halides, with H_2O	155
3.C: Complex halides	159
3.D: Oxyhalides, hydroxyhalides and related double halides	170

4. OXIDES (Hydroxides, $V^{[5,6]}$ vanadates, arsenites, antimonites, bismuthites, sulfites, selenites, tellurites, iodates)

4.A: Metal:Oxygen = 2:1 and 1:1	182
4.B: Metal:Oxygen = 3:4 and similar	187
4.C: Metal:Oxygen = 2:3, 3:5, and similar	192
4.D: Metal:Oxygen = 1:2 and similar	203

4.E: Metal:Oxygen = < 1:2	229
4.F: Hydroxides (without V or U)	230
4.G: Uranyl Hydroxides	248
4.H: V ^[5,6] Vanadates	254
4.J: Arsenites, antimonites, bismuthites, sulfites, selenites, tellurites; iodates	262
4.K: Iodates	281

5. CARBONATES (+ NITRATES)

5.A: Carbonates without additional anions, without H ₂ O	284
5.B: Carbonates with additional anions, without H ₂ O	292
5.C: Carbonates without additional anions, with H ₂ O	303
5.D: Carbonates with additional anions, with H ₂ O	309
5.E: Uranyl Carbonates	318
5.N: NITRATES	324

6. BORATES

6.A: Monoborates	328
6.B: Diborates	338
6.C: Triborates	341
6.D: Tetraborates	345
6.E: Pentaborates	349
6.F: Hexaborates	354
6.G: Heptaborates and other megaborates	358
6.H: Unclassified borates	361

7. SULFATES (selenates, tellurates, chromates, molybdates, wolframates)

7.A: Sulfates (selenates, etc.) without additional anions, without H ₂ O	363
7.B: Sulfates (selenates, etc.) with additional anions, without H ₂ O	370
7.C: Sulfates (selenates, etc.) without additional anions, with H ₂ O	379
7.D: Sulfates (selenates, etc.) with additional anions, with H ₂ O	395
7.E: Uranyl sulfates	413
7.F: Chromates	415
7.G: Molybdates and wolframates	418
7.H: Uranium and uranyl molybdates and wolframates	422

8. PHOSPHATES, ARSENATES, VANADATES

8.A: Phosphates, etc. without additional anions, without H ₂ O	424
8.B: Phosphates, etc., with additional anions, without H ₂ O	439
8.C: Phosphates without additional anions, with H ₂ O	470
8.D: Phosphates, etc. with additional anions, with H ₂ O	491
8.E: Uranyl phosphates and arsenates	521
8.F: Polyphosphates, Polyarsenates, [4]-Polyvanadates	530

9. SILICATES (Germanates)

9.A: Nesosilicates	534
9.B: Sorosilicates	567
9.C: Cyclosilicates	594
9.D: Inosilicates	617
9.E: Phyllosilicates	657
9.F: Tektosilicates without zeolitic H_2O	691
9.G: Tektosilicates with zeolitic H_2O ; zeolite family	701
9.H: Unclassified silicates	712
9.J: Germanates	716

10. ORGANIC COMPOUNDS

10.A: Salts of organic acids	717
10.B: Hydrocarbons	722
10.C: Miscellaneous Organic Minerals	724

Appendix (New minerals, structures, reclassification)	727
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Alphabetic index of mineral names	737
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