

Crystal chemistry of samarskite

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Table 2.

Table 2. Sample numbers and localities used in this study.

| UNM Sample No. | Acquired From:* | Locality |
|----------------------|-------------------------|---|
| Samarskite: | | |
| 138 | USNM, No. R8192 | Suppington, Gallatin Co., MT |
| 140 | USNM, No. 96115 | Petaca, New Mexico |
| 156 | Ludwig Keller, UCLA | Mitchell Co., NC |
| 180 | AMNH, No. 21590 | Mitchell Co., NC |
| 217 | UNM Collection | ? |
| 241 | J.W. Adams, No. 1110 | McKinney Mine, Mitchell Co., NC |
| 243 | J.W. Adams, No. 864 | Hidden Valley Mine, Jefferson Co., CO |
| 244 | J.W. Adams, No. 794 | Queen Mine, Rio Arriba, Co., NM |
| 250 | J.W. Adams, No. 601 | McKinney Mine, Mitchell Co., NM |
| 256 | J.W. Adams, No. M-76 | White Caps Mine, Jefferson Co., CO |
| 302 | NMNH, No. 48522 | Devil's Head Mt., Douglas Co., CO |
| 303 | NMNH, No. 146965 | Kunar, Afghanistan |
| 309 | NMNH, No. 96115-1 | Buena Vista Claim, Petaca, NM |
| 311 | NMNH, No. 53060 | Mitchell Co., NC |
| 312 | NMNH, No. 89107 | Sankara Mica Mine, Nellore Dist., India |
| 313 | NMNH, No. 95623 | Madagascar |
| 315 | NMNH, No. 134901 | Fort Collins, CO |
| 322 | NMNH, No. R13778 | Minas Gerais, Brazil |
| 942 | G. Lumpkin, No. 942-C | Ceara, Brazil |
| Fergusonite: | | |
| 124 | S. Williams Mineral Co. | Ampangabe, Madagascar |
| 304 | NMNH, No. R13747 | Madawaska, Ontario, Canada |

Table 2 (continued).

| UNM Sample No. | Acquired From:* | Locality |
|---------------------------------|--------------------|--|
| Fergusonite (continued): | | |
| 305 | NMNH, No. 138227 | Iveland, Norway |
| 306 | NMNH, No. R5146-1 | Risor, Norway |
| 308 | NMNH, No. C3965 | Takagama, Maegi, Japan |
| 310 | NMNH, No. 82288 | Democrat, NC |
| 316 | NMNH, No. R11543 | Froland, Norway |
| 320 | NMNH, No. R13745 | Ambatofotsikely, Madagascar |
| 321 | NMNH, No. R9052 | Upington, Capland, South Africa |
| 329 | SMNH, No. 720283 | Sjogruvan, Jokkmokk, Sweden |
| Columbite: | | |
| 228 | UNM Collection | Colorado |
| Aeschnite: | | |
| 131 | G. Lumpkin, UNM | Webb Mine, Yancey Co., NC |
| 220 | UNM Collection | ? |
| 307 | NMNH, No. 917542 | Addey Claims, Fremont Co., CO |
| 327 | SMNH, No. 510431 | Hestra, Holsljunga, Svenljunga, Sweden |
| 330 | SMNH, No. 490139 | Osterby, St. Skedevi, Sweden |

*USNM-United States National Museum (now called NMNH)

AMNH-American Museum of Natural History

NMNH-National Museum of Natural History (Smithsonian, Washington, D.C.)

SMNH-Stockholm Museum of Natural History (Stockholm, Sweden)