

[804]

## PRINT ONLY: CHONDRITES AND THEIR COMPONENTS

Alexeev V. A.

[Dependence of Cosmic-Ray Exposure and Gas-Retention Ages of Ordinary Chondrites on their Physical Properties](#) [#1024]

Dependence of cosmic-ray exposure and gas-retention ages of ordinary chondrites on their porosity is analyzed.

Lavrentjeva Z. A. Lyul A. Yu.

[Thermal Metamorphism in Enstatite Chondrites as Fundamental Process in the Evolution of Planetary Bodies: Information from Elemental Distributions in the Mineral Fractions](#) [#1016]

We investigate the role of the thermal metamorphism in the evolution of enstatite chondrite parent body.

Moggi Cecchi V. Pratesi G. Caporali S. Franchi I. A. Greenwood R. C.

[Textural and Mineralogical Features of a New R3 Chondrite, Northwest Africa 11263](#) [#2847]

Textural, mineralogical, and isotopic features of a new unequilibrated Rumuruti chondrite from Northwest Africa (NWA 11263) are described.

Shornikov S. I. Yakovlev O. I.

[Thermodynamic Study of Double Inversion of MgO and SiO<sub>2</sub> Relative Fugacity at CAIs Evaporation](#) [#1845]

We studied the double inversion in the MgO/SiO<sub>2</sub> relative volatility at evaporation of Ca–Al–inclusions in the chondrite at 2173 K.

Szurgot M.

[Mean Atomic Weight of Ordinary Chondrites from Spanish Falls](#) [#1039]

Mean atomic weight and Fe/Si ratio of fourteen ordinary chondrites from Spanish falls were determined, and classification of these meteorites verified.

Tenner T. J. Kimura M. Kita N. T.

[Further Characterizing the Extent of Metamorphism Within the Dominion Range 08006 CO3 Chondrite](#) [#1510]

DOM 08006 has been characterized as the least metamorphosed CO chondrite. We provide SEM/EPMA-derived features that further attest to its type 3.00–3.01 nature.

Zinovieva N. G. Scripko K. A.

[Northwest Africa 8160 CV3 Chondrite from the Collection of the Earth Science Museum at the Moscow State University](#) [#1095]

The paper presents data on the petrography, mineralogy, and mineral chemistries of the NWA 8160 CV3 chondrite from the Earth Science Museum collection.