

Tuesday, March 24, 2009

**POSTER SESSION I: BUNBURRA AND BUZZARD COULEE: RECENT METEORITE FALLS**  
**6:30 p.m. Town Center Exhibit Area**

Hutson M. L. Ruzicka A. M. Milley E. P. Hildebrand A. R.

[A First Look at the Petrography of the Buzzard Coulee \(H4\) Chondrite, a Recently Observed Fall from Saskatchewan](#) [#1893]

Buzzard Coulee is a recent (November 20, 2008) fall from Saskatchewan, Canada. Here we discuss the classification of this meteorite and point out some unusual features, including abundant cryptocrystalline chondrules and igneously-textured light-colored inclusions.

Walton E. L. Herd C. D. K. Duke M. J. M.

[Mineralogy, Petrology and Cosmogenic Radionuclide Chemistry of the Buzzard Coulee H4 Chondrite](#) [#2072]

The Buzzard Coulee H4 chondrite was collected as fragments from a fireball witnessed at 5:23.46 MST on November 20, 2008 by thousands of residents across the Canadian prairies.

Spurny P. Bland P. A. Borovička J. Shrbený L. McClafferty T. Singelton A. Bevan A. W. R.  
Vaughan D. Towner M. C. Deacon G.[The Bunburra Rockhole Meteorite Fall in SW Australia: Determination of the Fireball Trajectory, Luminosity and Impact Position from Photographic Records](#) [#1498]

We present basic data of the Bunburra Rockhole, the new photographically recorded meteorite fall by the Desert Fireball Network in SW Australia. It is the first achondrite with known orbit and the first such meteorite fall in the southern hemisphere.