Sears, D. W. G. (1992g) Editorial – Aberrations and angels. *Meteoritics*, volume 27 page 487.

From the Editors

Aberrations and Angels!

Underlying much of meteorite research for the last decade or so is the vast and spectacular collection of about 14,000 Antarctic meteorites. The Antarctic meteorite collection includes an array of primitive meteorites, several lunar meteorites and, in all probability, some Martian meteorites. There are thus few areas of planetary material research that have not been affected by the recovery of meteorites in the Antarctic. In this issue we publish for the first time a detailed and comprehensive account of the Antarctic meteorite recovery program by representatives of the U.S., Japanese and European programs. Writing this paper has been a huge undertaking. Bill Cassidy deserves the credit for bringing it all together, but the hard work of his co-authors, Kiezo Yanai, George Delisle, Ralph Harvey and John Schutt, has also been essential.

The series of Invited Reviews continues to grow. Mike Gaffey and Tom Burbine have accepted an invitation from the Board to write a review on asteroid spectral reflectivity data for the 1993 June issue. Now that we publish five issues a year, Ursula Marvin's account of the history of the society will appear in the 1993 July issue. The submission rate of papers continues to grow, and serious thought is being given by Council to publishing six issues of *Meteoritics* in 1994.

In addition to the Invited Review, this issue contains papers on what is becoming the usual wide range of topics. The cover of this issue draws attention to Marvin and Kring's paper on the early history of studies on the New Quebec Crater in which they present some new petrographic data. We are most grateful to James Boulger, Jr. for providing the photographs and means to reproduce two truly beautiful color photographs of the crater. Also in this issue, Grieve and Cintala model crater melt and transient cavities in experimental craters in order to predict the properties of terrestrial craters; Morden explores the magnetic properties of a eucrite from which he concludes that the parent-body had an internal dynamo and if Vesta is that body, it must have had an iron core; Hirata and Masuda report Re-Os measurements from which they conclude, among other things, that iron meteorites are younger than stones; Nichols and co-workers find that the trapping of inert gases by Si_2O_3 smokes produces both elemental and isotopic fractionations of relevance to understanding meteoritic inert gas properties; Meisel and co-workers report measurements on the halogens in Muong Nong tektites and Darwin glass which show different devolatilization patterns; Stephan and Jessberger report on ^{40}Ar-^{39}Ar data for a new H3 chondrite Sainte Rose which help identify K-bearing phases and yield a 4.4 Ga age; Zolensky and co-workers describe some paradoxical carbonaceous clasts in a eucrite that has experienced a unique high temperature shock and brecciation history; and Glass and Wu report on the lack of microtektites in $<$20,000 year oceanic sediments which is inconsistent with a recent origin for australites.

Two accounts from Associate Editors appear in this issue. Ross Taylor gives background, with some thoughts of his own, on Kennedy and Hutcheon's discovery of a basaltic refractory inclusion in Allende; Richard Grieve presents a summary, again with some personal thoughts, of last summer's meeting in Sudbury, Canada, on Large Impacts and Planetary Evolution.

We also have four book reviews. Bill Reach, Chuck Wood, Mike Lipschutz and Twyla Thomas describe books on topics which range from planetary science to scientific statistics.

This editorial marks the end of my first year as Editor, and I thought it might be a proper time to correct the record concerning some errors in previous editorials (Joyce Roth refers to this as the "blooper editorial"). Misspelling of the names of my illustrious predecessors in the March issue is unforgivable; Lincoln LaPaz and Dorrit Hoffleit deserve better. Then I shortened the editorial lifetime of Carleton Moore by five years. He actually served for 19 years as Walt Lance reminded me. I also transferred Cresswell and Hurd's research area from northern Canada to Greenland, but they seem not to have minded. My apologies to everyone concerned. I seem to have done better in subsequent editorials.

It seems appropriate at the end of the year to acknowledge the immense contribution of our steadfast and infinitely patient Associate Editors and to the largely unacknowledged external reviewers. The Associate Editors are well known. Here is the list of 1992 reviewers to whom the readers, authors and editors of *Meteoritics* express their appreciation:

Ahrens T.
Annexstad J.
Armstrong J.
Attrep M.
Barnes V.
Basu A.
Batchelor D.
Bevan A.
Benoit P.
Blum J.
Bogard D.
Brett R.
Brownlee D.
Buchwald V.
Cassidy W.
Chapman C.
Clarke R.
Croft S.
Danberg J.
Davis A.
Dence M.
Dermott S.
Dietz R.
Dreibus G.
Englehardt W.
Englert P.
Esat T.
Eugster O.
Flynn G.
French B.
Fudali R.
Gallino R.
Glass B.
Graf T.
Graham A.
Greiger T.
Greive R.
Grossman J.
Grossman L.
Halliday I.
Harper C.
Hildebrand A.
Hohenberg C.
Holzworth W.
Hörz F.
Housen K.
Huss G.
Ireland T.
Jones R.
Koeberl C.
Kopp O.
Korotev R.
Kracher A.
Kyte F.
Larimer J.
Lewis R.
Lipschutz M.
MacPherson G.
Marshall D.
Maurette M.
McCoy T.
McFadden L.
McSween H.
Melosh H.
Mittlefehldt D.
Moore C.

Nichols R.
Ott U.
Paque J.
Podosek F.
Prinz M.
Pun A.
Reach W.
Robertson B.
Rubin A.
Schnetzler C.
Score R.
Scott E.
Sears D.
Shaw D.
Shoemaker E.
Sipiera P.
Smith, J.
Sonnett C.
Steele I.
Sugira P.
Sutton S.
Sykes S.
Thielemann F.
Thomas T.
Wallace M.
Walters L.
Warren P.
Wasserburg G.
Wetherill G.
Williams J.
Wood D.
Yeomans D.

Needless to say, some individuals reviewed more than one paper, many reviewed 2 or 3 and one dedicated person reviewed five papers for *Meteoritics* this year!

I have the unpleasant task of saying farewell to two Associate Editors, at least as Board members. Hap McSween rotates off the Board after serving out John Wood's term and staying on to guide me through my first year. Andrew Graham is resigning since he is leaving research. They both performed sterling duties and will be greatly missed. However, we are pleased to announce their replacements: Mike Gaffey, Kazushige Tomeoka and Rhian Jones. The names and reputations of these colleagues speak for themselves. Suffice to say, they represent the Editorial Board's determination to maintain existing strengths while broadening our collective expertise.

Derek Sears
Editor