



Supplement to *Meteoritics & Planetary Science*, vol. 49, no. 12

The Meteoritical Society Newsletter

(December 2014)

A report of the business carried out by the society over the past year, edited by Greg Herzog, Secretary.

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Important reminders

Please renew your membership before Dec 15 as the society has to pay the costs of mailing late reminders. Members renewing after March 31 incur a \$15 surcharge and risk missing issues of *MAPS*. You can renew online at <http://metsoc.meteoriticalsociety.net>.

Nominate your colleagues and students for awards. Deadlines are in January. See the Awards section for details.

Proposals to host the 2019 MetSoc meeting are due in March. Please contact the secretary for procedures.

FROM THE PRESIDENT

Welcome to the Newsletter of 2014, an account of the business of the Meteoritical Society which has taken place over the past year. This is my second (of two!) Newsletters as President, and it is a forum which I appreciate having, to enable me to talk directly to members of the Society. The first thing I wish to do here is to record my thanks to the outgoing Secretary, Greg Herzog and Treasurer, Rhian Jones, who will leave office at the end of 2014. They have both done sterling jobs, both in their official posts, and more unofficially, keeping me up to scratch. Rhian has spent much more time than anyone would think possible, changing our name from 'Meteoritical Society' to 'The Meteoritical Society'. Greg has made sure that our governance is sound, by overseeing development of our Conflict of Interest policy and Ethics statement. The former is on the website, whilst we are still debating the wording of the latter. To have such policies is the mark of a mature Society that takes its scholarly and social responsibilities seriously, and I am glad to have been

President as we developed these documents. I would also like to thank Ed Scott for his 6 years' service as Vice President, President, then Past President, as well as Councillors Nancy Chabot, Hasnaa Chennaoui Aoudjehane, Luigi Folco and Kevin Righter who all rotate off Council at the end of 2014.

The Society, of course, is much greater than its current Council, and I am very grateful to the Nominating Committee led by Hiroko Nagahara who put together the slate for the new Council. There were no dissenting voices from the membership, and so the new Council is elected unanimously. From January 2015, Trevor Ireland becomes Vice President and President-elect, Michael Weisberg takes over as Secretary and Candace Kohl is Treasurer. New Councillors are Sasha Krot, Keiko Nakamura-Messenger, François Robert and Caroline Smith. Councillors serving their second term (which sounds a bit like a jail sentence....) are Jay Melosh, Larry Nittler, Maria Schönbachler and Hisayoshi Yurimoto. At the

helm of the new Council is Mike Zolensky, who I am certain will be a successful and effective President. If he isn't, then I will be at his elbow as Past President to keep him on track.....though I am sure he won't need my 'guidance'!!

The next set of thanks and plaudits go to Hasnaa Chennaoui Aoudjehane and her team, for organisation of an excellent meeting in late summer. Our Annual Meeting is the highlight of the Society's calendar, and this year's conference in Casablanca illustrated why that is the case: a stunning setting to frame a busy programme of exciting science. We had an interesting Barringer Lecture from Professor Philippe Taquet, one of the world's most senior palaeontologists, about his research on dinosaurs. He showed some amazing pictures of fossil dinosaurs as they were uncovered from the desert. The banquet, its historic setting and amazing entertainment was a truly unforgettable experience! Hasnaa gives a full account of the meeting later on in the Newsletter – I just want to repeat my thanks to her for all the hard work that goes into organisation of an international conference on this scale. It is highly appreciated by Society members.

Having said that, I don't want to put off Kuni Nishiizumi and his team from organising our next meeting! This is due to take place in Berkeley, California, in late July next year, and I look forward to seeing many Society members there. Again, Kuni tells us more about the meeting later in the Newsletter.

Amongst the highlights of the Annual Meeting is the Awards Ceremony – our chance to celebrate the scientific achievements of our colleagues. It gave me great pleasure to present the Leonard Medal to Professor Roger Hewins, for his work on the petrology of meteorites. I was also delighted to present the Barringer Award to Professor Alex Deutsch, for his work on impact cratering. Both gave entertaining and informative talks, and I look forward to seeing the talks, as well as the citations for the awards, published in MAPS.

The Nier Prize is an award made to an early-career scientist, and I was pleased this year to present the Prize to Dr James Day for his work on the accretion history of the terrestrial planets. Dr Roy Clarke was the recipient of the Service Award of the Society, for his work on the meteorite collection at the Smithsonian, as well as his more recent role as Society archivist. Roy couldn't travel to Casablanca to receive the award in person, but Ed Scott presented it to him at a ceremony held at the Smithsonian Institution.

This year we are again grateful to sponsors for awards to students for their presentations. Cari Corrigan, Chair of the McKay Award Committee organised a large team of people sitting through all the presentations and viewing posters. It was not an easy task, as the standard of presentations was, as always, incredibly high. A more detailed report of the winners appears later in the Newsletter, but I would like to record here my thanks to Cari and her team for their efforts. And thank you to all the sponsors, especially the Barringer Crater Company, who make it possible for so many students to attend the meeting.

The Awards ceremony is a reminder that one of the most valuable ways in which we can contribute to the Society is through nomination of our colleagues for the different awards, whether it be as an early-career scientist, or for achievements following a distinguished career. There are several different committees to whom nominations should be made, and details are available below and on our Society website.

As mentioned above, the Barringer Crater Company has been, and remains, a strong and generous supporter of our Society, for which we are enormously grateful. Building on that support, as well as that from the Nier family and other donors, we have established an endowment fund that now stands at around \$1M. This year, we are very fortunate to have acquired a new benefactor, in Professor Tim Swindle. He has pledged to donate \$10,000 per year, for 10 years, to build up funds to support attendance at meetings by scientists who have difficulty in obtaining travel funds. We are calling this The International Members fund, or TIM fund for short. So a big thank you to Tim for doing this – it is much appreciated.

The Endowment Fund is overseen by the Endowment Committee, which has been steered by Joe Goldstein. Joe has done great work in establishing the committee and building the endowment, but is now standing down. I would like to thank him for his time and efforts, which have been considerable, and wish him well.

It is no good having all this money without doing something with it – indeed, it is a necessity to disburse the funds. So please keep proposing suggestions to the Endowment Committee – their report on what the funds have been used for so far is given later in the Newsletter. As the funds build, the interest accumulates, and we can fund more projects – which is good news all round!

One of the most obvious outputs of the Meteoritical Society is its publication profile, and we are very fortunate to have our own journal, Meteoritics and Planetary Sciences, as well as part-ownership, with the Geochemical Society, of Geochimica Cosmochimica Acta. The journals go from strength to strength, under the editorships of Tim Jull and Marc Norman, respectively, supported by their editorial boards. If we don't publish our research, we may as well not do it, so Tim and Marc deserve huge thanks from us all, for their contributions to our success. Under the stewardship of George Flynn (Chair of the MAPS Publication Committee), we have negotiated a new contract with Wiley to continue publication of the journal. Thanks go to George for overseeing the discussions, and for his work on the Committee, which he leaves at the end of 2014. We are currently starting to negotiate a new contract with Elsevier for GCA. David Hilton (Chair of the Joint Publications Committee) along with Barbara Sherwood Lollar (President of the GS) are leading the discussions, with input from us. There are at least two concerns that will be debated during the forthcoming negotiations: print versus electronic-only publication, and open access agreements. I look forward to seeing how these progress. Our third publication is Elements, the magazine which is co-owned by a group of scientific societies, and to which we contribute every other month. Our Elements editor is Cari Corrigan, who puts together our pages for each issue. This is not an easy job – so when Cari comes knocking at your door, requesting input, please respond in a timely fashion. Elements has a very wide circulation, and our pages are an advertisement for the Society, generating additional interest in the subject, and garnering citations from

more general audiences. It is also a more frequent way to share our news than the annual Newsletter - so many thanks to Cari for her hard work, to supplement the gratitude expressed above for her hard work organising the student awards.

Our numbers continue to flourish, thanks to the efforts of the Membership Committee. This has been led very successfully by Alex Ruzicka for the past 6 years, but he now rotates off. He will be a hard act to follow, and I thank him for his efforts. Chris Herd is also leaving his post as chair of the Nomenclature Committee, although he will remain as a member of the Committee. The Nom Com is one of the busiest committees that we have, evaluating meteorite classifications and assigning names/numbers to specimens. This is not always easy, and Chris has steered the committee through some turbulent times. I am very grateful for the time that Chris has given to the committee – it has been much appreciated.

So, to end my report – thank you to all members of the Society who have made my two years as President such a pleasurable experience. It was one of the proudest moments in my career when I was nominated to be President of the Society which I joined right at the start of my journey as a meteoriticist. Being a Member of the Meteoritical Society is a highlight of my work. Thank you to all my colleagues – who are also friends – for allowing this to happen.

Best wishes
 Monica Grady
 November, 2014

UPCOMING MEETINGS			
Year	Location	Dates	Contact
2015	Berkeley, California, USA	July 27-31	kuni at ssl.berkeley.edu
2016	Berlin, Germany	August 7-12	Uwe.Reimold at mfn-berlin.de
2017	Santa Fe, New Mexico, USA	Last week of July	kziegler at unm.edu
2018	Moscow, Russia		

ANNUAL MEETINGS

2014 Annual Meeting, Casablanca, Morocco

Casablanca by the numbers

Number of oral presentations: 265

Number of posters: 182

Participants: 420

Nationalities: 36 (127 participants from USA, 45 from France, 37 from UK, 31 from Germany, 30 from Morocco, 24 from Japan...)

Travel grants: 66

Post meeting excursion: 42 participants

Pre-meeting workshops: 2

Using Radar Imagery for Meteorite Fall Detection and Recovery. Conveners: Mike Zolensky and Mike Fries.

How to identify and curate a meteorite Conveners: Brigitte Zanda and Albert Jambon.

The membership owes thanks to the Local Organizing Committee and to the Program Committee. The former was chaired by Hasnaa Chennaoui

Aoudjehane, Hassan II University Casablanca Morocco, and co-chaired by Pierre Rochette CEREGE, Aix-Marseille and Guy Libourel OCA Nice France. The Program Committee consisted of 24 members chaired by Pierre Rochette CEREGE, Aix-Marseille.

Three sessions with oral presentations ran in parallel for most of the week for a total of 20 in all. Topics ranged from space missions, to primary and differentiated meteorites, to Solar System chronology, to the development of analytical techniques.

Three of the sessions were devoted to special themes:

- Carbonaceous chondrites and the 150th Anniversary of Orgueil
- Meteorites from Morocco and desert areas followed by a round table discussion on the NWA nomenclature

Farewell photo for the 77th Annual meeting, taken at the entrance of the Casablanca Hyatt Regency



- Impact cratering and Mass extinctions (part of the AICAC series, AICACIII)

Barringer Invitational Lecture

The Barringer invitational Lecture for 2014 was given on Monday, September 8 by Prof. Philippe Taquet. The title of the talk was, “Meteorites and Dinosaurs.” Prof. Taquet is the President of the Academie des Sciences (France), on Monday 8th September at 6:00 pm

Tours and Banquet

Two tours were offered mid-week, one to Rabat, and the other around Casablanca.

The annual banquet was described as a typical Moroccan gala dinner. The tables were set in a historical site, “El Mechouar,” in the Habous Quartier “El Mechouar” or “the Mahkama of the Pasha.” Built between 1948 and 1952, it served as a court and a reception room for the Pasha of Casablanca. The building includes at least 60 rooms and has all kinds of decorative shapes and motifs belonging to the Spanish-Moroccan architecture. This monumental building today houses the City Hall of Méchouar “Siège de la région du Grand Casablanca”.

On Saturday after the close of the meeting, there was an optional one day tour to Marrakech, site of an internationally famous market for camels.

Post meeting excursion to the South of Morocco:

A six-day excursion to the South of Morocco after the meeting visited the shatter cone-bearing remnant of an impact structure near Agoudal (Imilchil, High Atlas Mountains) and the area around Erfoud in the Rissani region, the origin of most NWA meteorites. During the excursion, participants had the opportunity to discover the excellent and highly varied geological exposures and landscapes of Morocco by crossing the Atlas Mountains and visiting the desert of the South of Morocco.

Sponsors

The Society was fortunate to have the generous sponsorship of the following organizations:

NASA Cosmochemistry program
 The Barringer Crater Company
 Lunar and Planetary Institute USRA
 Moroccan Ministry of Culture
 Moroccan Ministry of Higher Education
 Hassan II University Casablanca
 Faculty of Sciences Ain Chock
 Cameca
 International Meteorite Collectors Association IMCA
 The Planetary Studies Foundation PSF
 Wilaya du Grand Casablanca
 Académie Hassan II des Sciences et Techniques ACASITEC



2015 Annual Meeting in Berkeley, California, US, July 27-July 31

Place: University of California, Berkeley, California, USA

Meetings: Stanley Hall auditorium (285 seats) and Sibley Hall auditorium (227 seats) were booked for oral presentations. An additional smaller auditorium in Stanley Hall is on hold if needed.

Posters: Hearst Mining building Mon-Thu for poster session(s). Pimentel Hall (480 seats) is available for plenary sessions after 4 pm.

Accommodation: 90 rooms (max 150 people) of Foothill Suites and Stern Residence Hall at UC Berkeley have been booked.

15 rooms of Faculty Club and 15 rooms of Women’s Faculty Club are booked, all with private baths.

Several hotels within walking distance (e.g., Bancroft, Durant, Shattuck Plaza), many more hotels within 1-2 km; some hotels provide university discount rates.

Welcome and Farewell parties: on Sunday and Friday evening near registration location.

Workshops: A proposal has been made for a Stardust Workshop (most likely after conference).

An invitation has been sent out to community for any other workshops. Propose to us ASAP, so we can book rooms on campus.

Wednesday afternoon tour: San Francisco city tour on your own; NASA Ames tour (bus), Local lab tour (LBNL, SSL), Baseball game?

Optional day trips: Napa Valley, John Muir Woods, Monterey, Santa Cruz, Yosemite National Park can be arranged if enough interest .

Annual banquet: Near campus on Wednesday night, July 29th. Excursions: Weekend trip to Napa/Sonoma wine country

Registration fees: Less than \$500 (conference room booking, banquet, and others), payment to LPI website.

Weather in Berkeley: Generally sunny and dry (20-25 C), but cools off (15 C) in evening. Bring warm jacket or sweater. Absolutely no rain.

Website for the meeting:

<http://metsoc2015.ssl.berkeley.edu/>

Kuni Nishiizumi
November, 2014

FROM THE TREASURER

This report summarizes the society's finances in Fiscal Year 2014 (FY14), 1 June 2013 to 31 May 2014. The society's finances are healthy and the budget is balanced under our current operations.

Assets

At the end of FY14, the balance of the Operating Fund was \$89,889 and the portfolio value of the Investment Fund was \$1,038,352. The Investment Fund now contains four endowed funds: the General Endowment Fund, the Nier Fund, the Gordon A. McKay Fund, and the new TIM Travel Fund. At the March 2013 Council meeting, Council established a Reserve Fund within the Investment Fund, with a flat value of \$100,000. At the end of FY14 the distribution within the various funds within the Investment Fund was as follows: General Endowment Fund, 76.20%; Nier Fund, 5.98%; Gordon A. McKay Fund, 6.20%; TIM Travel Fund, 1.99 %; Reserve Fund 9.63%.

Operating Fund

FY14 was the fourth year of publishing MAPS with Wiley. Our operating budget includes two kinds of income from Wiley: an agreed sum that supports the

MAPS Editorial Office, as well as royalty income which is based on Wiley's total MAPS revenue. The final royalty amount we received for calendar year 2013 was \$41,570. Some of Wiley's revenue consists of MAPS subscriptions which members pay as part of their membership dues. Overall, in FY14, the society budget for publication of MAPS was close to breaking even. Our agreement with Wiley is on a stable financial footing.

The Operating Fund budget for FY14 and the projected budget for FY15 are close to being balanced, neglecting fluctuations due to advance payments to and surpluses from our annual meetings. In FY14, a loan of \$30,000 was made to the Casablanca MetSoc meeting. The budgets include the society's membership to Elements magazine. Council decided to keep membership rates at the 2014 level for 2015.

Gifts

We thank the 197 Society members who generously contributed gifts to the Endowment, Nier and McKay Funds in the past fiscal year. The total of gifts received in these three funds was close to \$15,000. In addition, the General Endowment received a significant bequest from the estate of deceased member

Keith Kaler. These contributions helped support workshops, awards, student and professional travel and other activities. Members also donated directly to support travel for professional members from low-income countries to attend the Annual Meeting. A total of \$1,398 was raised, and this money was used to partially support travel for five scientists who attended the meeting in Casablanca.

Prof. Tim Swindle has most generously agreed to establish a fund to support travel to the Meteoritical Society Meetings for professional members of the society from low-income countries. The fund is named the Travel for International Members (TIM) Fund. The full corpus of the fund will be established over a ten-year period, and Council has agreed to support the program during that time. Members will be asked to make contributions in support of this fund on future membership renewal forms.

The following members contributed \$100 or more during FY14:

E. Anders, F. Begemann, J-L Birck, A Bouvier, A. Brearley, S. Brey, D. Burnett, R. Carlson, G. Crozaz, D. Dickson, D. Ebel, P. Englert, T. Fagan, B. French, M. Gaffey, M. Gaffey, S. Genest, E. Gnos, J. Goldstein, D. Gotz, M. Grady, E. Grew, J. Grossman, G. Herzog, Y. Ikeda, R. Jones, J. Kashuba, N. Kita, N. Kita, C. Koeberl, K. Konsul, L. Labenne, G. Lugmair, T. McElvain, L. McFadden, K. McKeegan, H. McLean, H. Melosh, D. Milton, H. Nagahara, K. Nagao, T. Nakamura, B. Narendra, H. Nishimura, M. Nolan, L. Nyquist, E. Olsen, D. Papanastassiou, C. Park, R. Pepin, R. Pugh, R. Reedy, W. Reimold, T. Rodman, A. Ruzicka, E. Scott, M. Strait, R. Tabor, L. Taylor, S. Taylor, A. Treiman, C. Velsko, J. Wacker, R. Walker, P. Warren, J. Wasson, M. Zolensky, M. Zolotov.

The following members also made donations:

D. Abbott, S. Andre, C. Arps, K. Bajo, N. Barlow, J. Beckett, L. Benner, J. Berkley, R. Bild, H. Boettcher, A. Brogioni, P. Burns, P. Buseck, A. Butterworth, P. Cassen, B. Cohen, H. Csadek, N. Dauphas, W. De Vos, M. Dence, P. Dickmann, D. Dietz, P. Doyle, B. Dressler, N. Eberz, J. Edmunson, O. Eugster, J. Filiberto, R. Flemming, J. Friedrich, J. Gilmour, B. Glass, Y. Guan, A. Halldorson, D. Harries, W. Hartmann, L. Hecht, C. Herd, Y. Hidaka, L. Hill, H. Hiyagon, E. Hoffman, S. Hopper, F. Horz, A. Hunt, G. Huss, M. Hutson, M. Ito, O. Jentsch, E. Jessberger, S-I. Kawakami, L. Keller, W. Keller, M. Kelley, G. Knox, C. Kohl, A. Kracher, L. Lebofsky, R. Lewis, J-C. Lorin, L. Lundberg, H. McLean, S. McLennan, H. McSween, D. Meisel, S. Messenger, B. Meyer, F. Meyer, T. Mikochi, M. Miyamoto, G. Moore, E. Murad, J. Nauber, F. Niederer, P. Olver, G. Osinski, U. Ott, J. Otto, M. Ozima, H. Palme, T. Peters, C. Pieters, L. Plansky, H. Plotkin, T. Raab, D. Record, M. Robson, D. Ross, A. Rubin, T. Rushmer, J. Saito, K. Sakamoto, I. Sanders, A. Schlazer, W. Schroer, S. Schwenzer, J. Sewell, M. Shima, J. Shorten, P. Signer, B. Simonson, S. Singer, P. Sipiara, J. Smit, R. Smith, R. St. Clair, D. Stoeffler, R. Stroud, S. Tachibana, K. Takahashi, N. Takaoka, H. Takeda, H. Thiel, W. Thompson, T. Toffoli, G. Turner, M. Tyra, H. Uhlherr, M. Velbel, R. Walter, T. Webb, A. Westphal, R. Whitehead, S. Winzer, S. Wolf, J. Wooddell, D. Woolum, P. Wozniakiewicz, E. Young, H. Yurimoto, E. Zinner, J. Zipfel.

Rhian Jones, Treasurer
October, 2014

FROM THE ENDOWMENT COMMITTEE

Projects during the last 12 months

Endowment Committee Members for 2014 have been Drew Barringer (Co-Chair), Joe Goldstein, Wolf Uwe Reimold (Co-Chair), Alan Treiman, and Paul Warren.

First, and most importantly, the Endowment Committee would like to join the MetSoc membership in conveying their sincere appreciation for the long-term support of the Committee by Joe Goldstein, who

had to resign from the Endowment Committee in 2014 for health reasons. Particularly, Joe has been the driving force behind the development and successful running of the Legacy/Donors Program.

Council approved a request of \$ 3000 for the support of student participation in the *Asteroids, Comets, Meteors 2014 Conference* held at the University of Helsinki, Finland, from 30 June to 4 July 2014.

As in previous years, the Annual Meeting of the Meteoritical Society, this one in Casablanca in September, was supported with a grant from the General Endowment. This year's grant of \$4,000 was offset in part by members' donations and was dedicated to travel subsidies for scientists from low-income countries to attend the Annual Meeting. In addition, a further \$4000 was provided for travel subsidies for students from North Africa and the Middle East to attend the Casablanca meeting.

The second annual Legacy/Donors Function was organized at the Casablanca meeting with \$1,500 support from the Operating Fund. The event was well attended. Candace Kohl and Ed Scott have kindly agreed to champion the Legacy/Donors Program in the future.

The Endowment Committee has discussed in great detail how the Endowment Fund, which has appreciated significantly in recent years due to the generous support from Members, could be applied to best effect. Numerous proposals have been received and are currently being fine-tuned or debated for possible presentation to Council at the next LPSC. The proposals include suggestions for regional lecture tours on meteoritics or impact cratering and would be aimed at promoting our science in regions where it does not yet feature as mainstream research subject.

Uwe Reimold
November, 2014

PUBLICATIONS REPORTS

MAPS – From the Editor, A.J.T. Jull

Scientifically, the journal continues to do well. The journal continues into new terrain with open access and electronic publication.

The journal submission rates continue to be good. In 2013, we received 194 new papers (not previously submitted). This was lower than the record number in 2012, due to a number of special issues. For 1/2013 to 1/2014, the "accept" ratio was 74.4% (163 papers out of 219 reviewed).

All back issues of the journal are available online at the Wiley website. Members can access this through their member identification, if they do not have full university library access.

There are two forms of open-access to which we should pay attention:

1. Gold Open Access. The paper is made available to any reader immediately on publication on-line. The costs of this service are currently about \$3,000 per article – however it is expected these costs will decline in future. This is possible for any author, regardless of location. The UK scheme encourages this if the author can obtain funds from his university's funds for open access. Note that in the case of "gold access" that the copyright remains with the authors.

2. Green Open Access. The paper is made openly available after some waiting period, usually 6 months to 1 year. The US government has required this for National Institutes of Health-funded work, and is likely to require it for NASA and NSF-funded work in the future. At the moment, this is under study by the US administration. No new information has been released by the US government since 2013. In the UK, this is required for all papers submitted after 1 April 2013.



The Great Comet of 1882.

From <http://www.nao.ac.jp/en/gallery/20131121-comet.html> and the cover of MAPS for the issue of January, 2014.

There are no production delays in the production of papers. Minor problems are generally worked out at weekly telephone conferences with Wiley personnel. There are no recent reports of delivery delays.

In 2013, MAPS exceeded the contractual page budget with Wiley by 100 printed pages. This is allowed within the agreed 10% overrun. The Society has included an increase in the page budget in its renegotiation of the MAPS contract.

This year was the third year for the electronic-only abstracts. We published 453 abstracts for Casablanca, compared to 394 (Edmonton) and 36 (Cairns). In 2012, we also published the Meteoritical Bulletin as an electronic supplement. It appears as pages E1-E52 online. Future Meteoritical Bulletins will be electronic-only.

For some time, we have been discussing a way of dealing with papers that some readers perceived to be of more limited value, such as descriptions of new meteorites. This is partly driven by a considerable number of descriptive reports on meteorites which are not falls or of special petrologic type. We have discussed various ideas over time, including a separate “reports” section, rejecting descriptive papers entirely and other solutions. It is clear we will evolve over time to a more electronic environment and the current solutions may not be ideal. At the moment, a mix of

Papers Printed since 2003				
Year	No. of Papers	Paper Pages ¹	Pages/Paper	Total Pages including supp. ⁶
2014	82 ⁸	1314 ⁷	16	17678
2013	142 ⁴	2617 ⁵	18.4	3011 ³
2012	152 ¹	2287	15.1	2775 ³
2011	116	1948	16.8	2212 ²
2010	118	2015	17.1	2249
2009	122	1818	14.9	2047
2008	139	2107	15.2	2316
2007	142	2182	15.4	2375
2006	132	1994	15.1	2233
2005	117	1922	16.4	2187
2004	136	2067	15.2	2352
2003	127	1880	14.8	2123

1. Not including 6 award citations, 4 book reviews, 3 comments and 2 letters to the editor.
2. Including electronic supplements for abstracts
3. Including electronic supplements for abstracts and Meteoritical Bulletin.
4. Not including 5 award citations, 6 book reviews and 2 errata. Including 3 invited reviews, 4 oral histories, 5 reports and 2 comments.
5. Including 9 electronic-only pages.
6. Does not include “supplemental electronic-only information” which is not counted here.
7. Includes one letter to the editor (of paper length) and 3 oral histories. Excludes 2 book reviews.
8. through July 2014

“report” formats and electronic-only publication is being used.

We have established a good model for abstract payments, where it can’t be done through the organizers, using the Mineralogical Society of America for payments. Most payments for Casablanca were received here, and only about \$910 will be collected in cash at the meeting.

The total budget for 2015-2016 is approximately \$135,180, and was approved at the Houston meeting in March.

Discussion of papers to be published in electronic form only seems to have petered out for lack of interest. The perennial subject of publishing “Reports” for papers of less interest has fallen out of favor for now because they would presumably reduce MAPS’ impact factor.

Rhian Jones called attention to the low quality of the pdf scans for some MAPS meeting abstracts available through the NASA/ADS search engine. Tim agreed to check with Wiley about how to improve these scans.

A.J.T. Jull
November 2014

Geochimica et Cosmochimica Acta

From the Executive Editor, Marc Norman

For the year to date, *GCA* has received approximately 830 new submissions and published approximately 540 articles. The current Impact Factor for *GCA* is 4.28, up from 3.88 last year. Meteoritics and cosmochemistry continue to do well, with Ross Taylor publishing an invited review article about the Moon:

Stuart Ross Taylor (2014) The Moon re-examined. *Geochimica et Cosmochimica Acta* Volume 141, 15 September 2014, Pages 670–676.

Two articles currently among the top cited *GCA* articles since 2009:

Thorsten Kleine, Mathieu Touboul, Bernard Bourdon, Francis Nimmo, Klaus Mezger, Herbert Palme, Stein B. Jacobsen, Qingzhu Yin, and Alex N. Halliday (2009) Hf-W chronology of the accretion and early evolution of asteroids and terrestrial planets. Volume 73, Issue 17, September 2009, Pages 5150–5188.

Fangzhen Teng, Wangye Li, Shan Ke, Bernard Marty, Nicolas Dauphas, Shichun Huang, Fu yuan Wu, Ali Pourmand (2010) Magnesium isotopic composition of the Earth and chondrites. Volume 74, Issue 14, July 2010, Pages 4150–4166.

Three articles among the most downloaded articles within the last 90 days:

Romain Tartèse, Mahesh Anand, Jessica J. Barnes, Natalie A. Starkey, Ian A. Franchi, Yuji Sano (201) The abundance, distribution, and isotopic composition of hydrogen in the Moon as revealed by basaltic lunar samples: Implications for the volatile inventory of the Moon. Volume 122, 1 December 2013

Stuart Ross Taylor (2014) The Moon re-examined. Volume 141, 15 September 2014, Pages 670–676.

L.J. Hicks, J.C. Bridges, S.J. Gurman (2014) Ferric saponite and serpentine in the nakhlite martian meteorites. Volume 136, 1 July 2014, Pages 194–210

and three articles among the top-ranked for Altmetric*:

Fred Jourdan, Gretchen Benedix, Ela Eroglu, Phil A. Bland, Audrey Bouvier (2014) $^{40}\text{Ar}/^{39}\text{Ar}$ impact ages and time–temperature argon diffusion history of the Bunburra Rockhole anomalous basaltic achondrite. Volume 140, 1 September 2014, Pages 391–409

Martin Schmieder, Winfried H. Schwarz, Mario Trieloff, Eric Tohver, Elmar Buchner, Jens Hopp, Gordon R. Osinski (2014) New $^{40}\text{Ar}/^{39}\text{Ar}$ dating of the Clearwater Lake impact structures (Québec, Canada) – Not the binary asteroid impact it seems? Available online 7 October 2014.

L.J. Hallis, M. Anand, R.C. Greenwood, M.F. Miller, I.A. Franchi, S.S. Russell (2010) The oxygen isotope composition, petrology and geochemistry of mare basalts: Evidence for large-scale compositional variation in the lunar mantle. *Geochimica et Cosmochimica Acta*, Volume 74, Issue 23, 1 December 2010, Pages 6885–6899.

*Altmetric collects relevant discussions around each article from Twitter, Facebook, science blogs, mainstream news outlets and other sources.)

In addition, a Special Issue on the Subduction Factory was published as Volume 143 (Oct 2014).

From the publisher

Elsevier has launched a pilot program to recognize the contributions of reviewers, and a section of the journal dedicated to awards and citations will be reinstated. The *GCA* website once again features the logos and web links for both Sponsoring Societies, The Meteoritical Society and the Geochemical Society. The publisher’s representative has also changed, with Paul Cumine replacing Katie Eve.

Dr. Marc Norman, Executive Editor
November, 2014

Elements

Elements is a bimonthly publication with an international circulation of ~15,000 focusing on subjects and news of broad interest in the geological sciences. The Meteoritical Society publishes Society news on 1-2 pages per issue, and is responsible for a

feature article ever other issue entitled "CosmoElements" that highlights hot topics in the fields of Meteoritics and Cosmochemistry. Most recently these have discussed nitrogen (Monica Grady, October 2013), a NEAR mission overview (Larry Nittler, February 2014) and cosmogenic nuclides measured on Mars and in Itokawa returned samples (Greg Herzog/Rainer Wieler, October 2014). Society members continue to play a major role in producing a number of whole issues related to planetary science, including the "Asteroids" issue of February 2014 (Guy Libourel and I), the upcoming Mars Mineralogy issue for February, 2015 (John Grotzinger) and a Cosmic

Dust issue approved for 2016 (Susan Taylor and George Flynn. Under an agreement between *Elements* magazine and the Meteoritical Society, members receive printed copies of *Elements* as part of their membership package and have electronic access to all articles published by *Elements*, including past issues. The editor for the Meteoritical Society's contributions to *Elements* is Cari Corrigan (Smithsonian Institution).

Cari Corrigan
November, 2014

FROM THE NOMENCLATURE COMMITTEE

Since the last report, the Nomenclature Committee (NomCom) approved names and information for 3141 meteorites (including 1433 from outside Antarctica) that will be published in *Meteoritical Bulletin* (MB) number 102. Another 2353 meteorites have been approved for MB 103. All new meteorites are automatically added to the next issue of the Bulletin by the Database Editor, and the issues are now yearly (e.g., MB102 contains meteorites approved in 2013, MB103 those from 2014). The contents of a particular Bulletin are accessible using the "Publication" dropdown window in the database, as soon as they are accepted by the Editor – even before they are put in print in *Meteoritics and Planetary Science*. The Bulletin is now published as a single page in print in *MAPS*, with an online supplement containing the details of all the meteorites included in that issue; for example, MB 100 appears as an Announcement in the August 2014 issue of *MAPS*.

The seemingly perennial issues of Type Specimen Repositories and Dense Collection Areas (DCAs) seem to be largely resolved, or at least currently addressed in a more efficient manner than in the past. For Type Specimen Repositories, the procedures can be found at http://meteoriticalsociety.org/?page_id=107. We are looking at ways to even further streamline the procedure for approval of new repositories. Dense Collection Areas are being managed by a DCA Coordinator (currently Knut Metzler) and that system continues to work well.

As of January 1st, 2014, we welcomed Carl Agee as the new Editor of the Bulletin, along with new

members Tasha Dunn, Jérôme Gattacceca and Audrey Bouvier. Audrey holds the specific role of Deputy Editor – for for a given submission, she has full editor status. One of her primary roles is clearing the backlog of submissions that require revision before acceptance. At least three new members will be needed for 2015; please pass along suggestions to me to help to fill these vacancies.

In order to assist in preventing a backlog of submissions requiring revision, we have implemented a 90-day limit. Any submitter that does not revise his/her submission within 90 days will have the submission rejected and will need to resubmit the file. We found it necessary to implement this editorial policy, which has been on the books for a long time, in order to manage old jobs where the submitter did not make revisions in a timely fashion.

The NomCom is aware of the issue of naming of meteorites found in Morocco, as highlighted in talks and sessions at the meeting in Casablanca. The NomCom has considered this issue and determined that there should be no special treatment of meteorites found in Morocco and surrounding areas, for which location information is made known *after a name has been assigned*. It is a longstanding tradition in meteoritics that formal meteorite names should not be changed once they are established in the literature or in public use. A proposal to change this policy specifically for NWA meteorites was recently considered by NomCom and rejected. Instead, NomCom is supportive of the establishment of DCAs for suitable areas of Morocco and surrounding countries. New Moroccan meteorite

finds for which the location is documented according to existing NomCom Guidelines will receive DCA numbers as they do elsewhere in desert regions of the world; NWA meteorites for which location information is subsequently provided can be noted as being likely paired with those from the appropriate DCA.

Please do not hesitate to contact me (herd@ualberta.ca) with questions or concerns about NomCom and especially with suggestions for

improvement. Essential information on meteorite nomenclature, instructions and the template for reporting new meteorites may be found on our homepage,

http://meteoriticalsociety.org/?page_id=106.

Chris Herd
October, 2014

FROM THE MEMBERSHIP COMMITTEE

Our Society continues to be strong with a 1000-plus membership base. Looking over the past year, we would like to welcome new members and offer thanks.

New to Our Listings

New non-student members include: Philippe Bacquet, David Baratoux, Barbra Barrett, Amit Basu Sarbadhikari, Ioannis Baziotis, Karlis Berzins, Natalia Bezaeva, Lee Cartwright, Douglas Chenin, Martin Cupak, Carine DeMoulin, Don Dhabolt, Cynthia

Evans, Joerg Fritz, James Granahan, Torbjorn Hallberg, Robert Hanna, Thomas Harris, Mohamed Tharwat Heikal, Donald Herd, Gilles Huot, Tomasz Jakubowski, Bradley Jolliff, Martin Kappler, Zsolt Kereszty, Nawel Larouci (Developing Country), Anna Losiak, Jane MacArthur, Jose Madiedo, Michael Marshall, Nassima Meftah (Developing Country), Jens Meier, Anna Morris, Andre Moutinho, Sobhi Nasir (Developing Country), David Norton, Kenneth Pinkham, Dinesh Prabhu, Tadeusz Przylibski, Dwijesh Ray, Armando Rey, Goetz Roller (New Life Member), Ratiba Sahoui (Developing Country), Rene Schmit, Ulf Skauli, Jeffrey Smith, Heather Smith, Duane Snyder, Dominik Stoeckli, Clement Suavet, John Tarduno, Bryan Timmins, Marcos Vasconcelos, Faith Vilas, Chris Wetteland, and Karen Ziegler.

The Society also extends a special welcome to new students. New student members include: Natasha Almeida, Thomas Barrett, Jasmine Bayron, Erika Blumenfeld, Jean Bollard, John Breen, Luke Daly, Ingrid Daubar, Matthias Ebert, Lucy Forman, Razilya Gizzatullina, Christopher Hamann, Hikari Hasegawa, Takuya Hirowatari, Desiree Hoehnel, Chizu Kato, Noriyuki Kawasaki, Andrey Kobilnyk, Josiah Lewis, Jonathan Lewis, Adrienne Macartney, Alevtina Maksimova, Dayl Martin, Mohit Melwani Daswani,

Marianna Meszaros, Heather Miley, Grace Oliveira, Seda Ozdemir, Leos Pohl, Hamed Pourkhorsandi, Emily Pringle, Ulli Raschke, Eleanor Sansom, Jay Shah, Phillip Silvia, Sarah Simpson, Sheryl Singerling, Elisabeth Steer, Mihir Trivedi, Kera Tucker, Diego Uribe Lozano, Epifanio Vaccaro, Maria Valdes, Elishevah van Kooten, Masakuni Yamanobe, Asli Yener, Michael Zanetti, and William Zylberman.

The Membership Committee also would like to thank those that contributed to the effort over the last year of placing new images on the Society's webpages. These include images in a new image gallery slideshow (http://meteoriticalsociety.org/?page_id=114) and a selection on the homepage (at <http://meteoriticalsociety.org/>). Webmaster Hiroshi Kaiden helped create the new webpages and slideshow. Image contributors included Agnieszka Baier (MAPS cover images, thanks to the original contributors!), Grant Boxer, Svend Buhl, Tak Kunihiro, Holger Pedersen, Alex Ruzicka, and Melissa Strait.

Personal note

On a personal note, after six years of service on the Membership Committee, the last three as Chair, it is time to turn the helm over to someone else. During these past six years, membership climbed to and then exceeded the 1000-member mark, a real milestone. Service on this Committee has allowed me to appreciate more than ever that our Society is made up of an extremely diverse group of individuals, representing many nationalities, age groups, and talents. If anything, our Society is becoming more diverse with time. We all can be proud of our Society.

Alex Ruzicka with the assistance of J. Alex Speer
November, 2014

AWARDS AND HONORS

Leonard Medal for 2015 to Jeff Cuzzi

The Meteoritical Society recognizes Jeff Cuzzi for his fundamental contributions to the theory of particle movements in the solar nebula. With his calculations for particle growth and coagulation he attempts to bridge the gap between meteorite research and astrophysical modeling.

Nier Prize for 2015 to Pierre Beck

The Meteoritical Society recognizes Pierre Beck with its 2015 Nier Prize for his significant contributions to the mineralogy and geochemistry of extraterrestrial materials and spectroscopic studies of the surfaces of planetary bodies in the solar system.

The recipients of the Leonard Medal and the Nier Prize were selected by the Leonard Medal Committee: Herbert Palme, Noriko Kita (Chair), Christine Floss, Sara Russell, and Phil Bland.

Barringer Medal and Award for 2015 to Natalia Artemieva

The 2015 Barringer Award is awarded to Dr. Natalia Artemieva for seminal contributions to the understanding of dynamic impact cratering physics and chemistry.

The Barringer Medal Committee selected the recipient of this award. The committee members were Mark Burchell, Barbara Cohen (Chair), Alex Deutsch, and Alvaro Crosta.

Service Award for 2015 to Ralph Harvey

The Service Award for 2015 is awarded to Ralph Harvey for his leadership role in the yearly collection of meteorites as part of the Antarctic Search for Meteorites (ANSMET) program

The Service Award was selected by the Membership Committee: Katie Dyl, Shoichi Itoh, Larry Lebofsky, Alex Ruzicka (Chair), Melissa Strait, and Erin Walton.

McKay Award for 2014 to R. D. Hanna

The McKay Award for 2014 goes to R. D. Hanna of the University of Texas at Austin, for the presentation, "Impact-induced chondrule deformation and aqueous alteration of CM2 Murchison."

Wiley-Blackwell Awards for 2014

Wiley-Blackwell, the publisher of our journal, *Meteoritics and Planetary Science*, again sponsored four awards of \$500 each for outstanding presentations by students at our 77th Annual meeting. The 2014 winners are:

I. J. Daubar of the University of Arizona for the presentation "New dated impacts on Mars and the current cratering rate."

C. Hamann of the Museum für Naturkunde, Berlin for the presentation, "Silicate liquid immiscibility in young impact glasses."

N. G. Lunning (last year's winner of the McKay Award) of the University of Tennessee for the presentation, "CM chondrite impact melt clast identified in a regolith howardite."

C. A. Crow of the University of California at Los Angeles for the presentation "Impact shock microstructures in Apollo 14 zircons."

The recipients of the McKay Award and the Wiley Blackwell Awards for 2014 were selected by a committee chaired by Cari Corrigan with the following members: Linda Welzenbach, Gretchen Benedix, Juliane Gross, Pierre Rochette, Christian Koeberl, Justin Filiberto, Tasha Dunn, Andrew Beck, Caroline Smith, Marc Fries, Lydie Bonal, Sarah Crowther, Ian Lyon, Mary Sue Bell, Katie Dyl, Hilary Downes, Takashi Mikouchi, Matt Genge, Joe Nuth, Christine Floss. The Society is grateful for their participation.

Pellas-Ryder Award for a paper published in 2013

The 2013 award, which was made in 2014, goes to Eike Beitz for the paper by E. Beitz, C. Güttler, A. M. Nakamura., A. Tsuchiyama, and J. Blum (2013) "Experiments on the consolidation of chondrites and the formation of dense rims around chondrules," which was published in *Icarus* **225**, 558-569.

The selection of the Pellas-Ryder award for 2013 was made, as always, by a joint committee of the Meteoritical Society (MS) and the Geological Society of America (GSA). Its members for this award year were Bob Anderson (GSA), Phil Bland (MS), Debra

Buczkowski (GSA, Chair), Hilary Downes (MS), Susan Schwenzer (MS), and Danielle Wyrick (MS).

CALL FOR NOMINATIONS: AWARDS AND FELLOWS

The society depends on its members to nominate deserving candidates for its awards and Fellows. Your participation is needed and important. The procedures for making a nomination are summarized here and can also be found on our website, http://meteoriticalsociety.org/?page_id=66.

Nominations for Meteoritical Society awards should be sent, preferably by email with electronic attachments, to the appropriate committee chair listed at the end of each paragraph where that person is known, or to the Secretary (MetSocSec@gmail.com). E-mail addressed to the Secretary will go to me (Greg Herzog) until December 31, 2014 and thereafter to Mike Weisberg.

Leonard Medal and Nier Prize -- Deadline January 15, 2015

Leonard Medal

The Leonard Medal honors outstanding contributions to the science of meteoritics and closely allied fields. It was established in 1962 to honor the first President of the Society, Frederick C. Leonard. Nominations for the Leonard Medal should include:

- a formal letter of nomination,
- a biographical sketch of the candidate,
- a list of publications covering the work to be considered for the award,
- additional substantive information, such as statements as to the importance of the nominee's research to the field of meteoritics and/or to the research of others,
- one seconding letter in support of the nomination (additional letters are encouraged).

Nier Prize

The Nier Prize recognizes outstanding research in meteoritics and closely allied fields by young scientists. The award was established in 1995 to honor the memory of Alfred O. C. Nier, and is supported by an endowment given by Mrs. Ardis H. Nier.

In 2013 and with the approval of the Nier family, the eligibility requirements for the Nier Prize were

changed as follows: The recipient will be a scientist who has not yet reached his or her thirty-fifth birthday at the end of the calendar year in which he or she is selected by the Council, or whose doctorate was awarded no more than seven calendar years before the year of selection by the Council. For 2015, this language means that the nominee must either have 1) been born on or after January 1, 1981; or 2) received the doctorate on or after January 1, 2008.

Nominations for the Nier prize should include the items listed above for the Leonard Medal. They should also include the candidate's date of birth and the date on which the doctorate was awarded. If the research for the Nier Prize was performed and published with a research advisor or with multiple authors, a statement must be included that describes the nominee's leading role in the research.

Barringer Medal -- Deadline January 15, 2015

The Barringer Medal and Award recognize outstanding work in the field of impact cratering and/or work that has led to a better understanding of impact phenomena. The Barringer Medal and Award were established in 1982 to honor the memory of D. Moreau Barringer Sr. and his son D. Moreau Barringer Jr. and are sponsored by the Barringer Crater Company. Nominating letters should include:

- a biographical sketch of the candidate,
- a summary and evaluation of the accomplishments of the candidate and the importance of the candidate's work,
- a list of publications covering the work to be considered for the award, and
- one or more seconding letters.

The committee chair for 2015 will be Alvaro Crósta, <alvaro@ige.unicamp.br>.

Service Award -- Deadline January 31, 2014

This award honors members who have advanced the goals of the Society to promote research and education in meteoritics and planetary science in ways other than by conducting scientific research. Examples

of activities that could be honored by the award include, but are not limited to, education and public outreach, service to the Society and the broader scientific community, and acquisition, classification and curation of new samples for research.

Nominating letters should include a biographical sketch of the candidate and additional substantive information, such as statements as to the importance of the nominee's activities to the field of meteoritics and/or to the research of others. One or more seconding letters in support of the nomination are strongly encouraged.

Please send nominations to metsocsec@gmail.com.

Pellas-Ryder Award -- Deadline January 31, 2015

This award, which is jointly sponsored by the Meteoritical Society and the Planetary Division of Geological Society of America, is for undergraduate and graduate students who are the first author of a planetary science paper published in a peer-reviewed scientific journal. To be eligible for this cycle, the paper must have a publication year of 2014. Any first author of a paper published on a topic listed on the cover of *MAPS* who was a student when the paper was submitted is eligible for consideration for this award. Nominations should include

the full citation,

a brief description of the paper's significance,

a letter from the department head verifying that the first author was a registered student when the paper was submitted, and

a letter from the student's advisor describing what portion of the work was done by the student.

Please send nominations to the secretary, MetSocSec@gmail.com

Nomination of Fellows for 2016

The Society will not elect new Fellows until 2016. Nominations may be received at any time, however.

Members who have distinguished themselves in meteoritics or in closely allied fields may be elected Fellows by the Council. No more than 1% of the members can be elected in even-numbered years. An alphabetical list of Fellows of the Society may be found on our web site (click Awards and then Fellows in the left hand menu).

Nominations for fellows should include a summary of the candidate's accomplishments (suggested length: ~150-200 words) together with a list of 5-10 of the candidate's most significant publications, including titles. Nominations should be sent to the Secretary, (MetSocSec@gmail.com).

FROM THE SECRETARY AND THE TREASURER

The genuine article

It has turned out to be more difficult than we thought last year to lay "Meteoritical Society" completely to rest. We are now in the final phases of transferring its assets to an organization named "*The Meteoritical Society*," which is to be the embodiment of our web, financial, and tax identity. The current Secretary and Treasurer earnestly hope that very soon there will be nothing more to say on the subject.

Nominations for Awards and Fellows

We have a few weeks left yet to nominate candidates for Awards or to become Fellows. Council members can't do it (the Bylaws don't allow it). Please consider nominating deserving candidates.

Parting words

At the end of their terms, past President Joe Goldstein and past Secretary Jeff Grossman wrote a

"State of the Society" essay (Newsletter, 2010). In it, they encouraged future officers to consider doing the same at the end of their terms. In a spirit of continuity, we (the Secretary and the Treasurer) offer a few thoughts.

Four years ago, *GCA* was in tumult. With the passage of time since the appointment of Marc Norman as Executive Editor, the situation has improved and we are glad that the logo of the Meteoritical Society will soon reappear on the frontispiece of *GCA*. Throughout this period, our colleagues and friends at the Geochemical Society (GS) have been very supportive; we owe them our deep and continuing thanks. Now, as the two Societies enter a period of negotiation for the next contract with Elsevier, we hope to lay the groundwork for a period in which *GCA* thrives both

scientifically and financially. We also anticipate that the Goldschmidt meetings will continue to flourish.

The Society's Endowment fund has grown substantially during the last four years and its value now exceeds one million US dollars. Part of the income from the Endowment is used to support the travel of senior scientists from developing countries to our annual meetings. And as announced at Casablanca, future spending in this area will be buttressed by an extraordinarily generous donation from Tim Swindle. We would be remiss in this connection not to mention the continuing and greatly appreciated support of the Meteor Crater Company and the Barringer family.

Another dollop of Endowment Fund outlays has gone to support scientific meetings and workshops. Examples can be seen in the news items on our webpages.

We need to find additional interesting, creative, and worthwhile ways to spend the money of our Endowment Fund in a manner consistent with the broad purposes of the Society. All of our allocations are proposal-driven and Council-approved. Accordingly, we would encourage members to think creatively about new projects, and, bearing in mind the relatively small amounts of money in play, the Council to be open to supporting a wide range of activities.

An issue has arisen in connection with NASA support of US student travel to our annual meetings. For the last few years Allan Treiman has prepared successful proposals to NASA for the support of student travel. These proposals anticipated competition for funds among US applicants. At Casablanca, however, the number of US applicants was lower than expected. As a result the allocation of funds did not appear to be competitive, although the Program Committee made certain that every student receiving aid deserved it. In any event, it will be important that we have a strong group of US students who want to attend the Berkeley meeting and who apply for travel support.

The Society currently faces a difficult and unanticipated situation concerning *Meteoritics and Planetary Science*. The Council recently learned that during the last few years, the journal office in Tucson has run up a deficit of over \$40,000 with the University of Arizona. Editor Tim Jull, who many of us believe has done an excellent job with MAPS in most respects, has prepared a revised management plan and budget for 2015 that includes steps to redress the deficit over the next four years with a new annual budget of about

\$139,000, which is roughly \$4,000 more than previously stated.

From our point of view the revamping of the Society's website under the supervision of Hiroshi Kaiden has been a great success. The new website is much easier to update. The fact that the hardware for the site resides with a Japanese company is easy to forget and is probably a good illustration of how, as Thomas Friedman has written, the world is flat after all.

As communication has become increasingly electronic, the website has become, *de facto*, one of our three major archives. A second is the G-mail account of the Society Secretary, which we will transfer soon to Mike Weisberg. The third, which one of us (GH) confesses to have neglected, is the paper archive at the Smithsonian.

Any vital website is a work in progress and much remains to be done on ours. At one time we had ambitions to add a section on meteorites, populated with text by our many experts. Another project, which should be do-able soon, is to archive the programs of the meetings of the Society.

Joe Goldstein and Jeff Grossman speculated that our participation in *Elements* might lead to the demise of the Newsletter. We have mixed feelings. We'd have revise the Bylaws, never an amusing task. More seriously, while in principle the Newsletter is open to the world, we suspect that web traffic to it is so light that it reaches only a small number of engaged members, giving us the sense, perhaps illusory, that we are free to write more frankly and intimately than we would for *Elements*. On the other hand, *Elements* has a printed circulation of 15,000 and the supervision of Cari Corrigan. The success of the society's bi-monthly news columns owes a lot to her oversight and dedication, and may already have made the Newsletter superfluous.

It has been a good ride at MetSoc with valuable help from Councilors, society members, and friends to whom we offer our thanks. Future Sundays before the opening sessions of LPSC and the Annual meetings will be a less fraught but also much less interesting. We wish the incoming Council terms as stimulating, and colleagues as excellent as ours have been.


Incoming Councils, ours included, always gripe that Council meetings last too long. Based on our experience, we are willing to bet incoming President Mike Zolensky, incoming Secretary Mike Weisberg and incoming Treasurer Candace Kohl a US nickel that the Council will never meet for less than five hours -

not so much because the time is wasted, but because there's always a lot to do.


Rhian Jones
Greg Herzog
November, 2014

Annual Meetings of The Meteoritical Society


Year, Location, and Total No. Participants



HEIDELBERG 79



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60TH

1	1933	Field Museum of Nat. History, Chicago, IL	15	25	1962	New Mexico Inst. Mining & Tech., Socorro	NA	50	1987	Newcastle upon Tyne, United Kingdom	303
2	1934	University of California, Berkeley	10	26	1963	Ottawa, Ontario, Canada	80	51	1988	Fayetteville, AR	250
3	1935	University of Minnesota, Minneapolis	10	27	1964	Center for Meteorite Studies, Tempe, AZ	110	52	1989	Vienna, Austria	449
4	1936	University of California, Los Angeles	19	28	1965	Odessa, TX	110	53	1990	Perth, Australia	247
5	1937	Colorado Museum of Nat. History, Denver	27	29	1966	Smithsonian Inst., Washington D.C.	117	54	1991	Monterey, CA	379
6	1938	The Mosque, Richmond, VA	NA	30	1967	NASA Ames Res. Center, Moffett Field, CA	NA	55	1992	Copenhagen, Denmark	333
7	1939	Ohio State University, Columbus	8	31	1968	Smithsonian Astrophys. Obs., Cambridge, MA	128	56	1993	Vail, CO	350
8	1941	Museum of Northern Arizona, Flagstaff	NA	32	1969	Manned Space Craft Center, Houston, TX	NA	57	1994	Prague, Czech Republic	380
9	1946	Arizona State College, Flagstaff	26	33	1970	Goddard Space Flight Center, Meeting at Skyland, VA	NA	58	1995	Washington, D.C.	392
10	1947	U.S. Grant Hotel, San Diego, CA	NA	34	1971	Mineralogische Institut, Tübingen, West Germany	201	59	1996	Berlin, Germany	420
11	1948	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	NA	35	1972	University of Chicago, IL	NA	60	1997	Mauai, HI	413
12	1949	Univ. of Southern California, Los Angeles	NA	36	1973	Davos, Switzerland (ETH, Zurich)	NA	61	1998	Trinity College, Dublin, Ireland	413
13	1950	Museum of Northern Arizona, Flagstaff	NA	37	1974	University of California, Los Angeles	NA	62	1999	Johannesburg, South Africa	262
14	1951	Univ. of Southern California, Los Angeles	NA	38	1975	Université Francois Rabelais, Tours, France	238	63	2000	University of Chicago, IL	396
15	1952	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	NA	39	1976	Lehigh University, Bethlehem, PA	NA	64	2001	Rome, Italy	560
16	1953	University of Pennsylvania, Philadelphia	NA	40	1977	Cambridge University, United Kingdom	340	65	2002	University of California, Los Angeles	330
17	1954	University of California, Berkeley	NA	41	1978	Laurentian Univ., Sudbury, Ont., Canada	250	66	2003	Münster, Germany	385
18	1955	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	50	42	1979	Max-Planck-Institut für Kernphysik, Heidelberg, West Germany	332	67	2004	Rio de Janeiro, Brazil	220
19	1956	Indiana University, Bloomington	NA	43	1980	University of California, San Diego	287	68	2005	Gatlinburg, TN	355
20	1957	University of California, Los Angeles	49	44	1981	Universität Bern, Switzerland	NA	69	2006	Zurich, ETH, Switzerland	400
21	1958	Winslow, AZ	NA	45	1982	Washington Univ., St. Louis, MO	210	70	2007	Tucson, AZ	350
22	1959	Smithson. Astrophys. Obs., Cambridge, MA	NA	46	1983	Max-Planck-Institut für Chemie, Mainz, West Germany	304	71	2008	Matsue, Japan	335
23	1960	Univ. of Southern California, Los Angeles	32	47	1984	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	294	72	2009	Nancy, France	520
24	1961	Maria Mitchell Obs., Nantucket Island, MA	NA	48	1985	Université de Bordeaux, France	348	73	2010	New York, NY	450
				49	1986	American Museum of Natural History, New York, NY	313	74	2011	U. of Greenwich, London, United Kingdom	548
								75	2012	Cairns, Australia	370
								76	2013	Edmonton, Canada	324
								77	2014	Casablanca, Morocco	
								78	2015	University California, Berkeley	
								79	2016	Berlin, Germany	