



WGSSBN Bulletin



Volume 3, #15

2023 November 8

Published on behalf of the International Astronomical Union (98-bis Blvd Arago, F-75014 Paris, France) by the WG Small Bodies Nomenclature.

ISSN 2789-2603

Cover image: Color image of (486958) Arrokoth, obtained by the New Horizons spacecraft. Courtesy NASA/Johns Hopkins University Applied Physics Laboratory/Southwest Research Institute/Roman Tkachenko.

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Errata

The following section corrects errors that have appeared in this publication (indicated as *Bull.*, with volume, issue and page number) or in names or citations published in the *Minor Planet Circulars*. Negative line numbers count from the bottom of the page (in the *Bulletin*) or from the bottom of the page or the bottom of the (second) column (in the *MPCs*).

Reference	Line(s)	
<i>MPC</i> 7618	– 9	<i>For</i> loess <i>read</i> Loess [(2515) citation]
<i>MPC</i> 27463	24	<i>For</i> electronician <i>read</i> electronics engineer [(6820) citation]
<i>MPC</i> 29145	–38	<i>For</i> Chronological Science Tables <i>read</i> <i>Chronological Science Tables</i> [(5750) citation]
<i>MPC</i> 34626	40	<i>For</i> Z-term <i>read</i> z-term [(7572) citation]
<i>MPC</i> 35492	–34	<i>For</i> “The Destruction of Hyperion” <i>read</i> <i>The Destruction of Hyperion</i> [(9797) citation]
<i>MPC</i> 36950	– 6 to – 5	<i>For</i> “Black Peter” <i>read</i> <i>Black Peter</i> [(11333) citation]
<i>MPC</i> 36950	– 5	<i>For</i> “Firemen's Ball” <i>read</i> <i>Firemen's Ball</i> [(11333) citation]
<i>MPC</i> 39652	19 to 20	<i>For</i> <i>Rune from Rone</i> <i>read</i> “Rune from Rone” [(8680) citation]
<i>MPC</i> 42361	–10	<i>For</i> “Rachel's Skirt” <i>read</i> <i>Rachel's Skirt</i> [(12368) citation]
<i>MPC</i> 44111	16 to 17	<i>For</i> <i>Orthographisches Wörterbuch der deutschen Sprache</i> <i>read</i> <i>Vollständiges Orthographisches Wörterbuch der deutschen Sprache</i> [(26119) citation]
<i>MPC</i> 45235	43	<i>For</i> of “Sovremennik” <i>read</i> at Sovremennik Theatre [(19127) citation]
<i>MPC</i> 46110	39	<i>For</i> organisation <i>read</i> organization [(13333) citation]
<i>MPC</i> 47166	–40	<i>For</i> Archaeopteryx <i>read</i> <i>Archaeopteryx</i> [(9860) citation]
<i>MPC</i> 47166	–34	<i>For</i> Mammuthus or woolly mammoth <i>read</i> <i>Mammuthus</i> or woolly mammoth [(9879) citation]
<i>MPC</i> 47166	–28	<i>For</i> Stegosaurus <i>read</i> <i>Stegosaurus</i> [(9880) citation]

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<i>MPC 47166</i>	–22	<i>For Triceratops read Triceratops [(9937) citation]</i>
<i>MPC 47166</i>	–21	<i>For Triceratops read Triceratops [(9937) citation]</i>
<i>MPC 47166</i>	–17	<i>For Iguanodon read Iguanodon [(9941) citation]</i>
<i>MPC 47166</i>	–11	<i>For Brontosaurus read Brontosaurus [(9949) citation]</i>
<i>MPC 47166</i>	– 6	<i>For Tyrannosaurus read Tyrannosaurus [(9951) citation]</i>
<i>MPC 47167</i>	1	<i>For Brachiosaurus read Brachiosaurus [(9954) citation]</i>
<i>MPC 47167</i>	15 to 16	<i>For “My observatory, exploring the skies” read My Observatory, Exploring the Skies [(10647) citation]</i>
<i>MPC 47302</i>	15 to 16	<i>For Osvobozené divadlo (“Liberated Theatre”) read Osvobozené divadlo (Liberated Theatre) [(27132) citation]</i>
<i>MPC 51188</i>	–41	<i>For “White Sand” read White Sand [(12354) citation]</i>
<i>MPC 51980</i>	3	<i>For “Wild Strawberries” read Wild Strawberries [(12379) citation]</i>
<i>MPC 51980</i>	4	<i>For “Silence” read Silence [(12379) citation]</i>
<i>MPC 51980</i>	17 to 18	<i>For “The Sorrow of Belgium” read The Sorrow of Belgium [(12381) citation]</i>
<i>MPC 52766</i>	2	<i>For “Bright Moon Diary” read Bright Moon Diary [(8305) citation]</i>
<i>MPC 52767</i>	–16	<i>For “The Lion of Flanders” read The Lion of Flanders [(12524) citation]</i>
<i>MPC 52767</i>	– 9	<i>For “Intimacy below the Milky Way” read Intimacy Below the Milky Way [(12526) citation]</i>
<i>MPC 61764</i>	–21	<i>For “Records of the Grand Historian” read Records of the Grand Historian [(12620) citation]</i>
<i>MPC 96938</i>	– 7	<i>For Evethuriere read Évethurière [(260676) name]</i>
<i>MPC 96938</i>	– 9	<i>For Evelyne Thuriere read Évelyne Thurière [(260676) citation]</i>
<i>Bull. 3, #6, 13</i>	– 6 to – 1	Delete the name and citation for (618348).
<i>Bull. 3, #14, 9</i>	14	<i>For Dutch read Belgian [(38829) citation]</i>
<i>Bull. 3, #14, 9</i>	19	<i>For Jean Marie read Jean-Marie [(38830) citation]</i>
<i>Bull. 3, #14, 9</i>	– 6	<i>For Agnésacker read Agnèsacker [(48846) name]</i>
<i>Bull. 3, #14, 9</i>	– 4	<i>For Agnès Acker read Agnès Acker [(48846) citation]</i>

New Names of Minor Planets

The following new names of minor planets have been approved by the WGSSN. Discovery details, for information only, are given in the following order: date of discovery; discoverer(s) name(s); discovery site; discovery site observatory code. The discoverer(s) name(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

(17028) Frankstadermann = 1999 FJ₅

Discovery: 1999-03-18 / Spacewatch / Kitt Peak / 691

Frank J. Stadermann (1962–2010) was a German-American scientist who studied Solar System materials at Washington University in St. Louis (USA). His key work was on samples of comet 81P/Wild returned by the Stardust mission.

(19300) Xinglong = 1996 SH₆

Discovery: 1996-09-18 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Xinglong is a county of Chengde city, Hebei Province, China. The Xinglong Observatory of the National Astronomical Observatories, Chinese Academy of Sciences, is the largest optical astronomical observatory site in Asia.

(20018) Paulgray = 1991 UJ₂

Discovery: 1991-10-29 / S. Ueda, H. Kaneda / Kushiro / 399

Paul Michael Gray (b. 1972) is a Canadian amateur astronomer who has served as President of both the RASC Halifax Centre and the RASC New Brunswick Centre. He edited the *RASC Observer's Calendar* from 2013 to 2022. Gray was co-discoverer of SN 1995F, the first supernova discovered from Canada.

(20020) Mipach = 1991 VT

Discovery: 1991-11-04 / Y. Mizuno, T. Furuta / Kani / 403

Mike Powell (b. 1959), Paul Owen (b. 1960) and Chris Curwin (b. 1959) are amateur astronomers in New Brunswick, Canada. Motivated by the coronavirus lockdown to offer online presentations, they created *The Sunday Night Astronomy Show*, a live, interactive, informal program covering observing, equipment and special events. Over 150 editions have been produced.

(20021) Kevinkell = 1991 VM₆

Discovery: 1991-11-06 / E. W. Elst / La Silla / 809

Kevin Kell (b. 1963) is a Canadian amateur astronomer who has served RASC Kingston Centre as President, Secretary, Treasurer, Equipment Loan Coordinator and editor of *Regulus*, the club's newsletter. The club awarded him the A. Vibert Douglas Award, he won the RASC Service Award, and also contributes to the AAVSO and the British Astronomical Association.

(20022) Dontown = 1991 VO₇

Discovery: 1991-11-03 / Spacewatch / Kitt Peak / 691

Donald Town (b. 1953) is a Canadian engineer, photographer and amateur astronomer who has served as President of the RASC Belleville Centre, and represented the club on the RASC National Council, where he was on the constitution committee. His extensive volunteer efforts have supported club events and public outreach. He won the RASC Service Award in 2017.

(20026) Bettyrobinson = 1992 EP₁₁

Discovery: 1992-03-06 / UESAC / La Silla / 809

Betty Robinson (b. 1953) has been an RASC member since 1981, first with Toronto Centre, where she was Secretary from 1984–1987 and production manager of the newsletter, *Scope*, for four years. For the Mississauga Centre, she served as Newsletter Editor and Councillor. She has also served as a Director of the RASC and copy editor for the *Observer's Handbook*.

(20027) Michaelwatson = 1992 EY₁₄

Discovery: 1992-03-01 / UESAC / La Silla / 809

Michael S. F. Watson (b. 1952) is a partner in a Toronto law firm, an accomplished astrophotographer and eclipsophile and an active member of the RASC since 1970. He served as RASC Treasurer and, more recently, Director and First Vice-President. He won the RASC Service Award in 1992 and the Simon Newcomb Award in 1994, and Toronto Centre's Bert Topham Award.

(20028) Stansammy = 1992 EZ₂₁

Discovery: 1992-03-01 / UESAC / La Silla / 809

Stan Sammy (b. 1946) is a Trinidad-born Canadian amateur astronomer who has been active in RASC Niagara Centre since 2000. Sammy served as Public Events Coordinator, Vice-President, and twice as President. He organized public events, created flyers and brochures, ran workshops, visited many schools and other clubs, and won the RASC Service Award in 2017.

(20029) Dorner = 1992 EB₂₄

Discovery: 1992-03-02 / UESAC / La Silla / 809

Rudolph Dorner (1948–2022) was a German-Canadian amateur astronomer, an electrician, machinist, investor and telescope collector. As a member of the RASC Kitchener-Waterloo Centre, he provided active, generous assistance to observers and instrument makers to extend themselves in their craft. The RASC's Dorner Telescope Museum is due to his inspiration.

(20030) Bawtenheimer = 1992 EN₃₀

Discovery: 1992-03-01 / UESAC / La Silla / 809

Daniel C. Bawtenheimer (1900–1981) was a Canadian amateur astronomer who helped found the RASC Windsor Centre in 1944, serving as the first Secretary and then President in 1948–1949 and 1955. He built a 0.25-m telescope, hosted club events annually at his backyard observatory, inspired a generation of young enthusiasts and won the RASC Service Award in 1965.

(20032) McNish = 1992 PU

Discovery: 1992-08-08 / E. W. Elst / Caussols / 010

Larry McNish (b. 1950) is a computer science engineer and Canadian amateur astronomer. A member of RASC Calgary Centre since 2003, McNish served as President, outreach volunteer, observatory builder and educator. His contribution as webmaster has included work on observing tools and more than 50 published articles. He won the RASC Service Award in 2013.

(20033) Michaelnoble = 1992 PR₁

Discovery: 1992-08-08 / E. W. Elst / Caussols / 010

Michael P. Noble (1954–2022) was a Canadian amateur astronomer known for high resolution, full-sky coverage of meteor, aurora, and noctilucent cloud (NLC) events. He often provided data to researchers, and proved it was possible to observe more than 40 NLC sightings in a season. He was also a generous supporter of public outreach with RASC Edmonton Centre.

(20034) Greenhalgh = 1992 PK₂

Discovery: 1992-08-02 / H. E. Holt / Palomar / 675

Paul Greenhalgh (1957–2017) was a Canadian amateur astronomer and a founding member of the precursor club to RASC Fraser Valley Centre. Greenhalgh worked to establish the McDonald Park Dark-Sky Preserve in Abbotsford, British Columbia, and the Merritt Star Quest event, which ran for 14 years. His passion for astronomy outreach inspired many in his community.

(20035) Lauriroche = 1992 SA₄

Discovery: 1992-09-24 / Spacewatch / Kitt Peak / 691

Lauri Roche (b. 1949) is a retired math, science, and special education teacher who joined RASC Victoria Centre in 1995 and leads local outreach activities. She was President of the club in 2011–2012, won the RASC Service Award in 2019, serves on the Education and Outreach Committee and is a director of the Friends of the Dominion Astrophysical Observatory.

(20036) Marcoucher = 1992 UW₁

Discovery: 1992-10-21 / Y. Mizuno, T. Furuta / Kani / 403

Marc Boucher (b. 1964) is a Canadian entrepreneur, writer, editor and publisher. He created Maple Square, a directory and search engine, co-founded SpaceRef Interactive and also was the founder of SpaceQ Media. Since 1999, Boucher's work has provided information connections in the space community among business, government and institutional researchers.

(20039) Danfalk = 1992 WJ

Discovery: 1992-11-16 / S. Ueda, H. Kaneda / Kushiro / 399

Daniel (Dan) Falk (b. 1966) is a Canadian author who specializes in science and who co-hosted a podcast called *BookLab* where science books are reviewed. Falk's books include *The Science of Shakespeare*, *In Search of Time* and *Universe on a T-Shirt*, and articles by him have appeared in *Smithsonian*, *New Scientist*, *Scientific American* and other magazines.

(20041) Gainor = 1992 YH

Discovery: 1992-12-18 / A. Natori, T. Urata / Yakiimo / 885

Christopher Gainor (b. 1954) is a Canadian journalist, historian and amateur astronomer with a PhD in the history of technology from the University of Alberta. He has written six books about aerospace, including *Not Yet Imagined*, the operational history of the Hubble Space Telescope, published by NASA in 2021. Gainor was President of the RASC in 2018–2020.

(20042) Mortillaro = 1993 CK₁

Discovery: 1993-02-15 / Y. Kushida, O. Muramatsu / Yatsugatake / 896

Nicole Mortillaro (b. 1972) is a Canadian science journalist and amateur astronomer. She received a journalism degree from Ryerson University in 1996, and has since worked for Global News television network and the Canadian Broadcasting Corporation. She became editor of the Journal of the RASC in 2015 and shared the Kavli Science Journalism Award in 2021.

(20045) Semeniuk = 1993 FV₁₁

Discovery: 1993-03-17 / UESAC / La Silla / 809

Ivan Alexander Semeniuk (b. 1964) is a Canadian science writer who specializes in astronomy and space. Semeniuk studied at the University of Toronto and did a Master's in Science Journalism at Boston University. He was a Knight Fellow at MIT and has worked for the Ontario Science Centre, the *Globe & Mail*, *Nature*, *New Scientist*, and the Discovery Channel.

(20046) Seronik = 1993 FE₁₅

Discovery: 1993-03-17 / UESAC / La Silla / 809

Gary Seronik (b. 1961) is a Canadian astronomer, photographer and writer. He presented and produced shows at the H.R. MacMillan Space Centre in Vancouver, won the RASC Simon Newcomb Award in 2008 and was editor of the Canadian *SkyNews* magazine. At *Sky & Telescope* magazine, Seronik has worked as associate editor, contributing editor and consulting editor.

(20047) Davidsuzuki = 1993 FD₁₈

Discovery: 1993-03-17 / UESAC / La Silla / 809

David Takayoshi Suzuki (b. 1936) is a Canadian geneticist and science communicator. Suzuki studied at Amherst College, earned his PhD in zoology from the University of Chicago and was a professor at the University of British Columbia. He hosted the radio program *Quirks & Quarks* and the television series *The Nature of Things*, and has won the Kalinga Prize.

(24960) Usukikenichi = 1997 TV₁₇

Discovery: 1997-10-06 / K. Endate, K. Watanabe / Kitami / 400

Kenichi Usuki (1967–2023) was the first winner of the Astronomical Society of Japan (ASJ) Award for Outstanding Achievement by an Amateur in 2001. He launched a project to preserve the Nisshinkan Observatory ruins that was certified as the first Japan Astronomical Heritage by ASJ in 2019.

(26104) Masayukimori = 1990 VV₁

Discovery: 1990-11-11 / K. Endate, K. Watanabe / Kitami / 400

Masayuki Mori (b. 1957) is a Japanese manga artist. He is famous for drawing nostalgic pictures in newspapers and magazines. He has also a number of popular astronomy books.

(26828) Narusawa = 1989 WZ₁

Discovery: 1989-11-29 / K. Endate, K. Watanabe / Kitami / 400

Shin-ya Narusawa (b. 1965) worked at Nishi-Harima Astronomical Observatory, Hyogo Prefecture from 1995 to 2023 as a senior researcher. He is currently a full-time lecturer at the University of Hyogo. He identified a relationship between the pulsational period and metallicity of the oscillating Algol-type binary systems.

(38640) Rau = 2000 NO₁₆

Discovery: 2000-07-05 / LONEOS / Anderson Mesa / 699

Steve Rau (b. 1972) is a Belgian amateur astronomer who has installed, operated and maintained global CAMS low-light video camera stations for the mapping of meteor showers for many years.

(49106) Janry = 1998 SY

Discovery: 1998-09-16 / ODAS / Caussols / 910

Jean-Richard Geurts (Janry, b. 1957) is a Belgian comics artist famous for *Spirou et Fantasio* and *Le Petit Spirou*. Janry is also an amateur astronomer who star gazes visually from his own backyard in Belgium and who is interested in everything related to astronomy.

(52959) Danieladepaulis = 1998 TY₂

Discovery: 1998-10-13 / ODAS / Caussols / 910

Daniela de Paulis (b. 1969) is a French media artist and Artist in Residence at the SETI Institute. Founder and Director of the global project A Sign in Space, she is a member of the IAA SETI Permanent Committee. She is the recipient of the Art of Neuroscience Prize 2022 and the Europlanet Prize for Audience Engagement 2023.

(74092) Xiangda = 1998 QJ₅

Discovery: 1998-08-22 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Xiangtan University, known by the abbreviation Xiangda, is a comprehensive and national key university listed on China's "Double First-class Initiative". Xiangtan University established the Key Laboratory for Stellar and Interstellar Physics of universities in Hunan Province.

(85728) Yangfujia = 1998 SR₇₅

Discovery: 1998-09-17 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Yang Fujia (1936–2022) was a renowned nuclear physicist, educator, an academician of the Chinese Academy of Sciences. He served as director of the Shanghai Institute of Nuclear Research, President of Fudan University, president of the University of Nottingham, and president of University of Nottingham Ningbo China.

(113661) Augustodaolio = 2002 TE₈₆

*Discovery: 2002-10-02 / F. Bernardi, M. Lombardo * / Campo Imperatore / 599*

Augusto Daolio (1947–1992) was an Italian singer who was front man of the very popular Italian band Nomadi. He was also a painter.

(117562) Jeffreyferguson = 2005 EB₂₅

Discovery: 2005-03-03 / CSS / Catalina / 703

Jeffrey Ferguson (b. 1964) is an American physician specializing in kidney cancer, benign and malignant prostate disease, and robotic surgery. He received his MD from Johns Hopkins University and completed his Residency at the Mayo Clinic. He is a Member of the Alpha Omega Alpha Honor Society.

(117563) Hollyoscarson = 2005 EK₂₅

Discovery: 2005-03-03 / CSS / Catalina / 703

Holly Oscarson (b. 1985) is an American surgical assistant specializing in multiple types of procedures. She graduated with an allied health degree from Gwinnett Technical Institute and received her certification from Meridian Institute of Surgical First Assisting.

(117565) Alanstrauss = 2005 EN₂₉

Discovery: 2005-03-03 / CSS / Catalina / 703

Alan Strauss (b. 1969) is an American educator. As Director of the University of Arizona Mt. Lemmon Sky Center and Sky School (2012–2023), he led the expansion of astronomical public outreach and K-12 formal STEM education programs at the facility. In 2023 he became the Head of Education and Outreach with the Vera C. Rubin Observatory.

(117569) Rileyharris = 2005 EO₃₂

Discovery: 2005-03-03 / CSS / Catalina / 703

Riley Harris (b. 1942) is an American educator. A respected instructor at Kearney Senior High in Kearney, Nebraska, he taught mathematics and was the first to teach computer programming. In recognition of his success as the winningest coach of the football team from 1974–2000 he received the Skip Palrang Memorial Award in 2007.

(119961) Nastasi = 2002 TQ₅₇

*Discovery: 2002-10-02 / F. Bernardi, M. Di Martino * / Campo Imperatore / 599*

Alessandro Nastasi (b. 1983) is an Italian astronomer who works at the Gal Hassin astronomical park (Isnello, Sicily). He is involved in research, teaching and dissemination activities, which he carries out with great enthusiasm.

(322539) Telsiai = 2011 YS₂₇

*Discovery: 2006-09-25 / K. Černis, J. Zdanavičius * / Moletai / 152*

Telsiai is a city in Lithuania with about 21 000 inhabitants. It is the capital of Telsiai County and the Samogitia region, and it is located on the shores of Lake Mastis. Telsiai is one of the oldest cities in Lithuania, dating earlier than the 14th century. At the end of the 17th century the city became the center of culture and politics of Samogitia.

(332884) Arianagrande = 2011 AG₅₃

Discovery: 2010-02-12 / WISE / WISE / C51

Ariana Grande-Butera (b. 1993) is an American singer, songwriter and actress. She has received numerous accolades for her impressive vocal range and artistry, including two Grammy Awards, three American Music Awards, and two *Billboard* Music Awards.

(343981) Oppenheim = 2011 LA₂₇

Discovery: 2010-03-07 / S. Karge, E. Schwab / Taunus / B01

Moritz Nathan Oppenheim (1848–1933) and Katharina (1862–1933), maiden name von Kuffner, were a German-Jewish couple who donated the 0.2-m refractor to the Physikalischer Verein for the Frankfurt Observatory in 1908. They donated a chair in physics for the foundation of the Frankfurt University. When the Nazis came to power, both committed suicide.

(386056) Taurage = 2007 FV₃₅

*Discovery: 2007-03-24 / K. Černis * / Moletai / 152*

Taurage is an industrial city in Lithuania, and the capital of Taurage County with about 21 000 inhabitants. Taurage is situated on the Jura River, close to the border with the Kaliningrad Oblast. First mentioned in 1507, the town has been a center of Lutheranism in Lithuania. Nowadays Taurage is famous for its car markets and adventure parks.

(464150) Kresken = 2014 YN₅

*Discovery: 2010-01-04 / R. Kracht * / Sierra Stars / G68*

Rainer Kresken (b. 1962) is a German amateur astronomer and a professional space flight engineer with ESA. He discovered more than 10 asteroids and is very active in astro clubs in Germany. He introduces and teaches kids and amateurs in practical astronomical topics. Rainer is one of the leaders of the public observatory at Heppenheim.

(541185) Boldogkői = 2011 BO₄₄

*Discovery: 2011-01-30 / K. Sárneczky, Z. Kuli * / Piszkestető / 461*

Zsolt Boldogkői (b. 1961) is a Hungarian molecular biologist who is the head of the Department of Medical Biology at the University of Szeged. In addition to his numerous significant scientific publications, he has enhanced his reputation by conducting educational activities on the misconceptions in the field of medicine.

(541741) Fado = 2011 WD₁₁₈

Discovery: 2011-11-08 / Pan-STARRS 1 / Haleakala / F51

Fado is a genre of music originating from old urban Lisbon songs. Fado was classified as a Masterpiece of the Oral and Intangible Heritage of Humanity by UNESCO. Fado also means destiny, fate, or something that happens regardless of human will. Name suggested by students from Escola Secundária Doutor Manuel Gomes De Almeida in Portugal.

(571938) Mariaeimmart = 2008 AG₂

Discovery: 2008-01-06 / Zelenchukskaya Stn / Zelenchukskaya Stn / 114

Maria Clara Eimmart (Eimmartin) (1676–1707) was a German astronomer and painter, as well as the first female selenographer in Nuremberg. She made more than 300 exact illustrations of the Moon for lunar maps.

(576466) Scherpenisse = 2012 SM₅₈

Discovery: 2012-09-21 / M. Langbroek / Sierra Stars / G68

Chiara Scherpenisse (1986–2007) was a close friend of the discoverer. She worked with children and persons with intellectual disabilities in the Netherlands, and aspired to be a nurse.

(591426) Adalawson = 2013 RP₂₁

Discovery: 2013-09-02 / N. Falla / iTelescope / Q62

Ada Lawson (1870–1961) was the grandmother of the discoverer. She was born in a small village in mid-Victorian England. As a young woman she trained as a cook/housekeeper. In later life she passed these skills on to her family.

(597967) Pannai = 2008 AN₄₅

*Discovery: 2008-01-10 / C.-Y. Shih, Q.-z. Ye * / Lulin / D35*

Pan Nai (1921–2016) was a Chinese amateur historian of astronomy. He authored multiple monographs and made significant contribution to the study on the history of ancient Chinese stellar observations and astronomical instruments.

(601476) Scharun = 2013 EH₇₈

Discovery: 2013-03-08 / Pan-STARRS 1 / Haleakala / F51

Christian Scharun (b. 1992) is a climate scientist from Karlsruhe, Germany. His work on the modeling of anthropogenic greenhouse gas emissions represents an important contribution to the field of climate research. Through his work in science communication, Scharun raises awareness of this important issue. Name suggested by M. Bauer.

(620307) Casanovas = 2002 QL₁₄₉

*Discovery: 2012-02-22 / K. Černis, R. P. Boyle * / Mount Graham / 290*

Juan Casanovas (1929–2013) was a Jesuit solar astronomer who helped establish solar observatories in the Canary Islands and later served as an astronomer and librarian at the Vatican Astronomical Observatory in Castel Gandolfo. He was also interested in the history of astronomy, in particular calendars.

Recent Comet Namings & Numberings

Recently-assigned comet names and numbering of periodic comets are listed below. The recently-assigned names list indicates, using an asterisk, any comet whose discovery is eligible for the Edgar Wilson Award, as well as the reference where the name first appears (this may not be the circular announcing the discovery, or the first appearance of a name if the name was modified subsequently). If a date appears as the reference, it refers to the date that a News note of a name change appeared on the WGSSN website. If a name contains accented characters, the approved ASCII-only version of the name is included between [...]: note that any print, PDF or web usage must use the proper accented form. Newly-numbered objects that are being accorded dual status are flagged as such.

Recent Namings (in reverse chronological order)

C/2023 V3 (PANSTARRS)		<i>MPEC 2023-V109</i>
P/2023 V2 (PANSTARRS)		<i>MPEC 2023-V108</i>
C/2023 V1 (Lemmon)		<i>MPEC 2023-V23</i>
C/2023 S3 (Lemmon)		<i>MPEC 2023-V1</i>
C/2023 T3 (Fuls)		<i>MPEC 2023-U290</i>
C/2023 U1 (Fuls)		<i>MPEC 2023-U288</i>
C/2023 Q2 (PANSTARRS)		<i>MPEC 2023-U285</i>
P/2023 RL ₇₅ (NEAT-LINEAR)		<i>MPEC 2023-U279</i>
P/2023 T1 (PANSTARRS)		<i>MPEC 2023-U53</i>
C/2023 T2 (Borisov)	*	<i>MPEC 2023-UG2</i>
C/2023 R2 (PANSTARRS)		<i>MPEC 2023-T7</i>
C/2023 S2 (ATLAS)		<i>MPEC 2023-T5</i>
C/2023 R1 (PANSTARRS)		<i>MPEC 2023-R197</i>
C/2023 P1 (Nishimura)	*	<i>MPEC 2023-P87</i>
469P/2015 XG ₄₂₂ (PANSTARRS)		<i>MPEC 2023-P35</i>
P/2023 M4 (ATLAS)		<i>MPEC 2023-O51</i>
C/2023 F3 (ATLAS)		<i>MPEC 2023-O43</i>
P/2023 M2 (PANSTARRS)		<i>MPEC 2023-N15</i>
P/2023 M1 (PANSTARRS)		<i>MPEC 2023-M65</i>
C/2023 H5 (Lemmon)		<i>MPEC 2023-M44</i>
C/2023 K1 (ATLAS)		<i>MPEC 2023-L18</i>
C/2023 H3 (PANSTARRS)		<i>MPEC 2023-K195</i>
C/2023 H2 (Lemmon)		<i>MPEC 2023-K122</i>
C/2022 V2 (Lemmon)		<i>MPEC 2023-K121</i>
464P/2014 OL ₄₆₅ (PANSTARRS)		<i>MPEC 2023-K66</i>
C/2023 F2 (SOHO)		<i>MPEC 2023-K45</i>

C/1808 R1 (Pons)	2023-05-16
C/2023 H1 (PANSTARRS)	<i>MPEC</i> 2023-J101
C/1951 G2 = C/1952 C1 (Groeneveld-Palomar)	<i>MPEC</i> 2023-J76
463P/2018 HT ₃ (NEOWISE)	<i>MPEC</i> 2023-J12
P/2022 BV ₉ (Lemmon)	<i>MPEC</i> 2023-H240
C/2020 H11 (PANSTARRS-Lemmon)	<i>MPEC</i> 2023-H237
461P/2010 OE ₁₀₁ = P/2021 LJ ₃₁ (WISE)	<i>MPEC</i> 2023-H227
C/2023 F1 (PANSTARRS)	<i>MPEC</i> 2023-H184
C/2022 JK ₅ (PANSTARRS)	<i>MPEC</i> 2023-H180
459P/2010 VH ₉₅ (Catalina)	<i>MPEC</i> 2023-F167
C/1971 M1 (Edwards)	<i>MPEC</i> 2023-F148

Recent Numberings

471P/2023 KF ₃ = P/2010 YK ₃	<i>MPC</i> 164694
470P/2014 W1 = P/2023 O2 (PANSTARRS)	<i>MPC</i> 164694
469P/2015 XG ₄₂₂ (PANSTARRS)	<i>MPC</i> 164694
468P/2004 V3 = P/2023 O1 (Siding Spring)	<i>MPC</i> 164694
467P/2010 TO ₂₀ = P/2023 H6 (LINEAR-Grauer)	<i>MPC</i> 164694
466P/2015 T3 = P/2023 M3 (PANSTARRS)	<i>MPC</i> 163244
465P/2008 L2 = P/2023 L1 (Hill)	<i>MPC</i> 163244
464P/2014 OL ₄₆₅ (PANSTARRS)	<i>MPC</i> 163244
463P/2018 HT ₃ (NEOWISE)	<i>MPC</i> 163244
462P/2022 M1 = P/2000 OZ ₂₁ (LONEOS-PANSTARRS)	<i>MPC</i> 163244
461P/2010 OE ₁₀₁ = P/2021 LJ ₃₁ (WISE)	<i>MPC</i> 163244
460P/2016 BA ₁₄ = P/2020 U6 (PANSTARRS)	<i>MPC</i> 162027
459P/2010 VH ₉₅ (Catalina)	<i>MPC</i> 162027
458P/2023 C1 = P/2016 C3 (Jahn)	<i>MPC</i> 162027
457P/2020 O1 = P/2016 N7 (Lemmon-PANSTARRS)	<i>MPC</i> 162027
456P/2021 L4 = P/2012 Q3 (PANSTARRS)	<i>MPC</i> 160359
455P/2017 S9 = P/2011 Q5 = P/2022 R7 (PANSTARRS)	<i>MPC</i> 160359
454P/2022 U5 = P/2013 W3 (PANSTARRS)	<i>MPC</i> 160359
453P/2022 V1 = P/2010 BN ₁₀₉ (WISE-Lemmon)	<i>MPC</i> 160359
452P/2003 CC ₂₂ = P/2022 B5 (Sheppard-Jewitt)	<i>MPC</i> 158523
451P/2007 A2 = P/2006 WY ₁₈₂ = P/2022 S2 (Christensen)	<i>MPC</i> 158523
450P/2004 A1 = P/2022 Q3 (LONEOS)	<i>MPC</i> 158523
449P/2020 S6 = P/1987 A2 = P/2013 Y3 (Leonard)	<i>MPC</i> 158523
448P/2015 X1 = P/2008 T13 = P/2022 Q1 (PANSTARRS)	<i>MPC</i> 141922
447P/2021 R9 = P/2008 T14 (Sheppard-Tholen)	<i>MPC</i> 141922
446P/2012 O3 = P/2022 G2 (McNaught)	<i>MPC</i> 141173
445P/2014 R5 (Lemmon-PANSTARRS)	<i>MPC</i> 141173
444P/2016 PM _{MPC} = P/2010 LK ₃₆ = P/2022 C4 (WISE-PANSTARRS)	<i>MPC</i> 141173

Standard Acronyms & Abbreviations

The standard acronyms that may be used in citations without needing to be expanded are listed at:

<https://www.wgsbn-iau.org/documentation/AcronymsAndAbbreviations.html>.

Statistics & Links

There are currently 24514 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at: https://minorplanetcenter.net/submit_name/login

Registration is required to access this site. Requests for access should be made to contact@wgsbn-iau.org.

Work on a new voting website is underway.

Archival copies of the *Bulletin*, as well as machine-readable datafiles of new names, citations and corrigenda from each issue, are available on the WGSBN website:

<https://www.wgsbn-iau.org/>

The *Bulletin* is also available from the Publications section of the IAU website:

<https://www.iau.org/publications/iau/wgsbn-bulletins/>

The email address for the WGSBN is contact@wgsbn-iau.org.

WGSBN Members

There are 15 members of the WGSBN, 11 of whom are voting members. The other four members, who are *ex-officio*, are the President and General Secretary of the IAU, and representatives for the IAU WG Planetary System Nomenclature and the IAU Minor Planet Center.

The current members of the WGSBN are listed below:

- Jana Tichá, Chair
- Keith Noll, Vice-Chair
- Gareth Williams, Secretary
- Yuliya Chernetenko
- Julio Fernández
- Daniel Green
- Pam Kilmartin
- Syuichi Nakano
- Carrie Nugent
- Don Yeomans
- Jin Zhu
- Debra M. Elmeegreen, *ex-officio* (IAU President)
- Piero Benvenuti, *ex-officio* (interim IAU General Secretary)
- Rita Schulz, *ex-officio* (WGPSN)
- Peter Vereš, *ex-officio* (MPC)

The WGSBN is a functional Working Group of the IAU, under the Executive Committee.

