



WGSSBN Bulletin



Volume 4, #6

2024 April 29

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: “Moonrise over Dinkinesh”: (152830) Dinkinesh and its satellite (152830) Dinkinesh I (Selam) imaged by the Lucy spacecraft's L'LORRI camera on November 1, 2023, at a range of ~430 km. (NASA/Goddard/SwRI/Johns Hopkins APL/NOIRLab)

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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> 14207	7	<i>For</i> Sersic <i>read</i> Sérsic [(2691) name]
<i>MPC</i> 14207	10	<i>For</i> Jose Luis Sersic <i>read</i> José Luis Sérsic [(2691) citation]
<i>MPC</i> 123452	-31	<i>For</i> Valancius <i>read</i> Valančius [(338274) name]
<i>MPC</i> 123452	-30	<i>For</i> Motiejus Kazimieras Valancius <i>read</i> Motiejus Kazimieras Valančius [(338274) citation]

New Names of Minor Planets

The following new names of minor planets have been approved by the WGSBN. 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) names(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

(8988) Hansenkoharcheck = 1979 MA₄

Discovery: 1979-06-25 / E. F. Helin, S. J. Bus / Siding Spring / 413

Candice J. Hansen-Koharcheck (b. 1953) is an American planetary scientist who specializes in the seasonal behavior of volatiles on objects throughout the Solar System. Her long history with NASA missions extends from the imaging teams of Voyager to JunoCam (as lead) and Europa Clipper. She is known for her award-winning science and leadership.

(10194) Tonygeorge = 1996 QN₁

Discovery: 1996-08-18 / G. R. Viscome / Rand / 816

Tony George (b. 1947) is an American contributor to occultation astronomy. He has observed more than 300 positive occultations. He helped IOTA observers analyze observations, and his friend Bob Anderson develop Occular, ROTE, and PyMovie/PyOTE. He is a husband, engineer, mountaineer, conservationist, and an avid golfer.

(13486) Morgangibson = 1981 UT₂₉

Discovery: 1981-10-24 / S. J. Bus / Palomar / 675

Morgan S. Gibson (1951–2022) studied bone loss in astronauts in the 1970s. She was lead editor for the book *Impact and Explosion Cratering: Planetary and Terrestrial Implications*, and technical editor for the 7th and 8th Lunar Science Conference and Comparison of Mercury and the Moon Conference proceedings.

(13903) Darrylwatanabe = 1975 ST

Discovery: 1975-09-30 / S. J. Bus / Palomar / 675

Darryl Y. Watanabe (b. 1961) was the Observatory Manager for the NASA Infrared Telescope Facility on Maunakea. He helped to develop and maintain many of the observatory's infrared instruments and thus played an important role in enhancing the science productivity of the telescope.

(16648) Hossi = 1993 SH₇

Discovery: 1993-09-17 / E. W. Elst / La Silla / 809

Sabine Karin Doris Hossenfelder (b. 1976), nicknamed “Hossi” in school, is a German physicist, philosopher of science, author, science communicator, musician, and singer. She has authored several books about fundamental physics, cosmology, and philosophy.

(27816) Naitohiroyuki = 1993 TH₂

Discovery: 1993-10-15 / K. Endate, K. Watanabe / Kitami / 400

Hiroyuki Naito (b. 1977) is a Japanese astronomer and chief research fellow at the Nayoro Observatory in Nayoro City, Hokkaido. He studies classical novae and related objects. He also discovered SN 2007ig in Cetus.

(28911) Mishacollins = 2000 NB₁₆

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

Misha Collins (b. 1974) is an American actor, artist, and *New York Times* bestselling author dedicated to inspiring change through works that gamify social good. Known for his work on *Supernatural*, Collins also enjoys celebrating his love of science, astronomy, and solar-viewing safety.

(30114) Mooney = 2000 FY₂₆

Discovery: 2000-03-27 / LONEOS / Anderson Mesa / 699

Madison Mooney (b. 1997) is the Content Writer at Lowell Observatory, USA. Madi excels in engaging storytelling, sharing Lowell's incredible history and science. Her writing amplifies Lowell's educational and research endeavors, connecting visitors and the community to the wonders of our universe.

(30137) Sherryshaffer = 2000 FB₆₃

Discovery: 2000-03-27 / LONEOS / Anderson Mesa / 699

Sherry Shaffer (b. 1969) is the Senior Philanthropy Manager at Lowell Observatory, USA. A key member of the Philanthropy team, she travels the US building relationships with supporters, manages the planned giving program, and has raised funds for the Marley Foundation Astronomy Discovery Center.

(33151) Tomasobelloni = 1998 DY₁₁

Discovery: 1998-02-25 / M. Cavagna, P. Ghezzi / Sormano / 587

Tomaso Belloni (1961–2023) was a prominent Italian astrophysicist recognized internationally for his research on compact objects and γ -ray emissions. He was also an active science communicator and photographer.

(42665) Kristinblock = 1998 HF₄

Discovery: 1998-04-19 / Spacewatch / Kitt Peak / 691

Kristin Block (b. 1978) is an American space scientist, astrobiologist, and musician. She is the Principal Science Operations Engineer for the High Resolution Imaging Science Experiment on the Mars Reconnaissance Orbiter. She performs taiko, double bass, and other instruments with ensembles ranging from full symphonies to circus arts groups.

(45338) Ericevans = 2000 AT₈₅

Discovery: 2000-01-05 / LINEAR / Socorro / 704

Eric D. Evans (b. 1961), an American engineer, provided technical leadership, expertise, and strategic direction for 18 years as Director of MIT Lincoln Laboratory, and for 18 years prior as a member of the staff, with a beginning in electromagnetics. The number of this asteroid has special significance to Eric and his four sons.

(47069) Tecumseh = 1998 XC₇₃

Discovery: 1998-12-14 / LINEAR / Socorro / 704

Tecumseh (1768?–1813) was a Shawnee chief, warrior and diplomat who traveled widely through aboriginal lands in eastern North America to promote an intertribal confederacy for resistance to colonial expansion. His determination for that cause ended in his death, but made him an iconic hero in history.

(52691) Maryrobinettek = 1998 FC₆

Discovery: 1998-03-18 / Spacewatch / Kitt Peak / 691

Mary Robinette Kowal (b. 1969) is an American science fiction writer and puppeteer whose very human heroines, at the forefront of science and engineering in their universes, inspire us to explore our solar system ourselves.

(88786) Thanadelthur = 2001 SG₁₀₇

Discovery: 2001-09-20 / LINEAR / Socorro / 704

As a young Denšoliné woman captured into slavery, Thanadelthur (1697–1717) became a skilled interpreter and negotiator. Known as the Ambassadors of Peace, she enabled a mutually beneficial economy for Denšoliné, Cree, and English fur traders west of Hudson's Bay. A commemorative plaque erected in 2017 in Churchill, Manitoba honors her short life.

(99389) Marconovi = 2002 AN

*Discovery: 2002-01-05 / L. Tesi, M. Tombelli * / San Marcello / 104*

Marco Novi (1960–2016) was an Italian amateur astronomer who worked at the Tavolaia Astronomical Observatory, Santa Maria a Monte. He devoted himself to the popularization of astronomy.

(121546) Straulino = 1999 VU₁₁

*Discovery: 1999-11-05 / L. Tesi, A. Boattini * / San Marcello / 104*

Samuele Straulino (b. 1970) is an Italian professor of physics at the University of Florence. Training primary school teachers in astronomy is one of his activities. He wrote an astronomy book for teachers and is involved in astronomy dissemination.

(126177) Filippofrontera = 2002 AP₁₂

*Discovery: 2002-01-10 / F. Bernardi * / Campo Imperatore / 599*

Filippo Frontera (b. 1941) is an Italian astrophysicist and former full professor of Experimental Physics at the University of Ferrara. His research involves X-ray and γ -ray astronomy. During his long career he was awarded the Bruno Rossi, Descartes, Enrico Fermi and Marcel Grossmann prizes.

(191775) Poczobut = 2004 TQ₇₇

*Discovery: 2004-10-12 / K. Černis, J. Zdanavičius * / Molėtai / 152*

Marcin Odlanicki Poczobut (Lithuanian: Martynas Pocobutas, 1728–1810) was a Lithuanian-Polish Jesuit, astronomer and mathematician who was Director of the Vilnius Astronomical Observatory from 1764 to 1807. He was a professor at Vilnius University for over 40 years, serving as its rector from 1780 to 1799. The lunar crater Poczobut is named after him.

(230667) Janmlynář = 2003 SZ₂₀₀

*Discovery: 2003-09-25 / KLENOT * / Klet' / 246*

Czech physicist Jan Mlynář (1966–2023) split his time between fusion research at tokamaks at the Institute of Plasma Physics and education at the Faculty of Nuclear Science, Czech Technical University, Prague. He was known both as a visionary scientist and dedicated educator with impact on the public through books and presentations.

(270588) Laurieanderson = 2002 LA₆

Discovery: 2002-06-07 / NEAT / Haleakala / 608

Laurie Anderson (b. 1947) is an American musician, composer, visual artist, writer, and director, whose debut album was titled *Big Science*. Her work includes exploration of the intersection between art and technology, and topics such as artificial intelligence. She was NASA's first artist-in-residence, resulting in the production *The End of the Moon*.

(319636) Dziewulski = 2006 SE₃₆₈

*Discovery: 2006-09-23 / K. Černis, J. Zdanavičius * / Molėtai / 152*

Władysław Dziewulski (1878–1962) was a Polish astronomer and mathematician. Director of the Vilnius Astronomical Observatory from 1919 to 1939, he became professor of Vilnius University in 1921, serving as its rector from 1924 to 1925. He moved to Nicolaus Copernicus University in Torun in 1945. The crater Dziewulski on the Moon is named after him.

(544309) Reuss = 2014 UM₆₂

*Discovery: 2014-10-20 / S. Kürti, K. Sárneckzy * / Piszkestető / 461*

Gustáv Reuss (1818–1861) was a well-known Slovak physician, writer and polymath. He published works in the fields of medicine, botany, archaeology, ethnography and astronomy. He is known as Slovakia's father of sci-fi literature due to his novel *Hviezdoveda*, where he wrote about Moon travel a few years before Jules Verne.

(553438) Bércziszaniszló = 2011 QA₇

*Discovery: 2011-08-09 / K. Sárneckzy, A. Pál * / Piszkestető / 461*

Szaniszló Bérczi (b. 1950) is a Hungarian planetary scientist and professor of Space and Planetary Sciences at Eötvös Loránd University specializing in geomorphology and planetary geology. He established the first educational system in the field of Planetary Sciences in Hungary using the NASA Lunar Rock Collection.

(592750) Seiichifujiwara = 2015 CB₅₁

*Discovery: 2013-08-07 / T. Csörgei, K. Sárneckzy * / Piszkestető / 461*

Seiichi Fujiwara (b. 1950) is a Japanese karate master, who has earned the rank of 8th Dan from the Japan Karatedo Federation Goju-Kai. He serves as President of Goju Ryu Karate Do Seiwakai and JKF Goju-Kai Overseas Director.

(601894) Naiman = 2013 WP₁₅

*Discovery: 2009-11-14 / EURONEAR * / La Palma / 950*

Marian H. Naiman was born in 1953 in Romania. He graduated in Chemistry from the University of Bucharest, receiving the National Academic Excellence Award. Since 2002 he has been a key member and later president of the Bucharest Astroclub, the oldest amateur club in Romania. His main focus has been spectroscopy applied to celestial bodies.

(606017) Irimes = 2017 DL₂₅

*Discovery: 2015-08-23 / EURONEAR * / La Palma / 950*

A self-taught Romanian amateur astronomer and electrician by trade, Romulus Irimes (1930–1978) founded the first astroclub in Cluj (now Cluj-Napoca) in the 1960s, where he also built one of the first private astronomical observatory in Romania. He carried out lots of public outreach, being also a member of the French Astronomical Society.

(612946) Zirmunai = 2005 EE₂₂₀

*Discovery: 2005-03-10 / K. Černis * / Molėtai / 152*

Zirmunai is the most populous administrative division in the Lithuanian capital city Vilnius. Zirmunai, built in the 1960s, is located north of central Vilnius, along the western bank of the River Neris. The discoverer and his wife Elena lived in this residential district for over 40 years.

(627030) Ciobanu = 2008 EL₁₄₄

*Discovery: 2008-03-11 / EURONEAR * / La Silla / 809*

Monica Zoe Ciobanu (b. 1934) is a retired astronomer who worked in the Time service of the Romanian Astronomical Insitute. She gave a rigorous solution to Euler-Poinsot equations and published papers about the Earth's rotation axis, being also involved in public outreach and editing the first celestial maps for the Romanian Astronomical Yearbook.

(627939) Phyllisthornton = 2012 TG₇₁

Discovery: 2012-10-09 / N. Falla / Mayhill / H06

Phyllis Thornton (1927–2023) was the sister-in-law of the discoverer. She worked for many years as a lunchtime assistant at a primary school located in an English village.

(633225) Dauksa = 2009 HB₅₉

*Discovery: 2009-04-18 / K. Černis, I. Eglitis * / Baldone / 069*

Mikalojus Dauksa (1527–1613) was a Lithuanian and Latin religious writer and a Catholic church official. Dauksa's Lithuanian translation of Jacob Ledesma's catechism in 1595 became the first book in Lithuanian to be published in the Grand Duchy of Lithuania. He spoke several languages and had a personal library including a book by Erasmus of Rotterdam.

(646626) Valentingrigore = 2008 EB₁₅₅

*Discovery: 2008-03-11 / EURONEAR * / La Silla / 809*

Valentin Grigore (b. 1968) is the founder and president of the Romanian Society for Meteors and Astronomy. An astrophotographer, editor of astronomical magazines, producer of an astronomy TV show, and founding member of EURONEAR, he is the most active promoter of astronomy since 1990 in Romania, organizing over 500 local, national and international events.

(658642) Carreira = 2017 SK₁₃₄

*Discovery: 2017-09-29 / K. Černis, I. Eglitis * / Baldone / 069*

Emanuel Carreira Várez (1931–2020) was a Jesuit astrophysicist who collaborated with Clyde Cowan on cosmic rays. He taught at several universities in the US and Spain and was adjunct astronomer at the Vatican Observatory. Recognized for inventing astronomical instruments, he passionately advocated for the compatibility of science and faith.

(658882) Žemaitija = 2017 WV₉₀

*Discovery: 2017-10-23 / K. Černis, I. Eglitis * / Baldone / 069*

Žemaitija or Samogitia is one of the five cultural regions of Lithuania and formerly one of the two core administrative divisions of the Grand Duchy of Lithuania alongside Lithuania proper. Žemaitija is located in northwestern Lithuania. First mentioned in 1219, Žemaitija has a long and distinct cultural history.

(667531) Ignasiribas = 2011 OF

Discovery: 2011-07-20 / J. M. Bosch, E. Herrero / Costitx / 691

Ignasi Ribas Canudas (b. 1971) is a Catalan astrophysicist specialized in exoplanets and stellar physics, known by his contributions to the research of new Earth-like planets. He is the director of the Institute of Space Studies of Catalonia and professor at the Institute of Space Sciences.

(669588) Pazura = 2013 AS₂₄

*Discovery: 2013-01-04 / M. Kusiak, M. Żołnowski * / Tincana / F51*

Cezary A. Pazura (b. 1962) is a Polish film, theater and dubbing actor, director, producer and cabaret artist. He is known for his main roles in many Polish comedy series and films. He is also the winner of Polish film awards, including two Golden Lions.

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 WGSBN 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)

P/2022 U6 = P/2006 AH ₂ (Sheppard-Tholen)		<i>MPEC 2024-H65</i>
C/2024 G3 (ATLAS)		<i>MPEC 2024-H22</i>
C/2024 G2 (ATLAS)		<i>MPEC 2024-H20</i>
C/2024 G1 (Wierzchoś)	[Wierzchos]	<i>MPEC 2024-H10</i>
C/2024 F2 (PANSTARRS)		<i>MPEC 2024-G103</i>
P/2024 F1 (PANSTARRS)		<i>MPEC 2024-G102</i>
C/2024 E2 (Bok)		<i>MPEC 2024-F91</i>
C/2024 E1 (Wierzchoś)	[Wierzchos]	<i>MPEC 2024-E102</i>
C/2021 X2 (Bok)		<i>MPEC 2024-E8</i>
C/2019 O2 (PANSTARRS)		<i>MPEC 2024-E7</i>
C/2019 G2 (PANSTARRS)		<i>MPEC 2024-G1</i>
P/2005 XR ₁₃₂ (Spacewatch)		<i>MPEC 2024-D135</i>
482P/2014 VF ₄₀ (PANSTARRS)		<i>MPEC 2024-D133</i>
C/2023 X7 (PANSTARRS)		<i>MPEC 2024-D102</i>
C/2024 C4 (ATLAS)		<i>MPEC 2024-D98</i>
C/2024 C3 (PANSTARRS)		<i>MPEC 2024-D97</i>
C/2024 A2 (ATLAS)		<i>MPEC 2024-C180</i>
C/2024 C2 (PANSTARRS)		<i>MPEC 2024-C178</i>
C/2024 C1 (PANSTARRS)		<i>MPEC 2024-C177</i>
C/2024 B2 (Lemmon)		<i>MPEC 2024-C87</i>
C/2024 B1 (Lemmon)		<i>MPEC 2024-C86</i>
478P/2023 Y3 = P/2017 BQ ₁₀₀ (ATLAS)		<i>MPEC 2024-B139</i>
C/2024 A1 (ATLAS)		<i>MPEC 2024-B78</i>
474P/2023 S4 = P/2017 O4 (Hogan)		<i>MPEC 2024-B74</i>
P/2023 Y2 (Gibbs)		<i>MPEC 2024-A148</i>
P/2023 Y1 (Gibbs)		<i>MPEC 2023-Y60</i>
C/2023 X4 (Hogan)		<i>MPEC 2023-X272</i>

P/2023 X3 (PANSTARRS)		MPEC 2023-X269
C/2023 X2 (Lemmon)		MPEC 2023-X226
C/2023 X1 (Leonard)		MPEC 2023-X222
C/2023 RN ₃ (ATLAS)		MPEC 2023-X85
P/2023 V6 (PANSTARRS)		MPEC 2023-V262
C/2023 V5 (Leonard)		MPEC 2023-V193
C/2023 V4 (Camarasa-Duszanowicz)	*	MPEC 2023-V192
C/2023 V3 (PANSTARRS)		MPEC 2023-V109
P/2023 V2 (PANSTARRS)		MPEC 2023-V108
C/2023 V1 (Lemmon)		MPEC 2023-V23
C/2023 S3 (Lemmon)		MPEC 2023-V1
C/2023 T3 (Fuls)		MPEC 2023-U290
C/2023 U1 (Fuls)		MPEC 2023-U288
C/2023 Q2 (PANSTARRS)		MPEC 2023-U285
P/2023 T1 (PANSTARRS)		MPEC 2023-U53
C/2023 T2 (Borisov)	*	MPEC 2023-U162
C/2023 R2 (PANSTARRS)		MPEC 2023-T7
C/2023 S2 (ATLAS)		MPEC 2023-T5

Recent Numberings

483P/2016 J1 = P/2010 M9 = P/2020 Y6 = P/2021 K5 (PANSTARRS)	MPC 171409
482P/2014 VF ₄₀ (PANSTARRS)	MPC 171409
481P/2012 WA ₃₄ = P/2024 C5 (Lemmon-PANSTARRS)	MPC 171409
480P/2014 A3 = P/2023 X6 (PANSTARRS)	MPC 169139
479P/2011 NO ₁ = P/2023 WM ₂₆ (Elenin)	MPC 169139
478P/2023 Y3 = P/2017 BQ ₁₀₀ (ATLAS)	MPC 169139
477P/2018 P3 = P/2023 V8 (PANSTARRS)	MPC 169139
476P/2015 HG ₁₆ = P/2023 W2 (PANSTARRS)	MPC 169139
475P/2004 DO ₂₉ = P/2023 V7 (Spacewatch-LINEAR)	MPC 169139
474P/2023 S4 = P/2017 O4 (Hogan)	MPC 169139
473P/2001 Q6 = P/2023 W1 (NEAT)	MPC 169139
472P/2002 T6 = P/2023 RL ₇₅ (NEAT-LINEAR)	MPC 167069
471P/2023 KF ₃ = P/2010 YK3	MPC 164694
470P/2014 W1 = P/2023 O2 (PANSTARRS)	MPC 164694
469P/2015 XG ₄₂₂ (PANSTARRS)	MPC 164694
468P/2004 V3 = P/2023 O1 (Siding Spring)	MPC 164694
467P/2010 TO ₂₀ = P/2023 H6 (LINEAR-Grauer)	MPC 164694
466P/2015 T3 = P/2023 M3 (PANSTARRS)	MPC 163244
465P/2008 L2 = P/2023 L1 (Hill)	MPC 163244
464P/2014 OL ₄₆₅ (PANSTARRS)	MPC 163244
463P/2018 HT ₃ (NEOWISE)	MPC 163244
462P/2022 M1 = P/2000 OZ ₂₁ (LONEOS-PANSTARRS)	MPC 163244
461P/2010 OE ₁₀₁ = P/2021 LJ ₃₁ (WISE)	MPC 163244

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 24755 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. We are looking for a handful of current submitters to beta-test the new site. Please contact secretary@wgsbn-iau.org if interested.

The form for IAU members to express interest in being a Rotating Member of the WGSBN in future years is available at:

https://www.wgsbn-iau.org/rotating_members.html

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
- Ryan S. Park. (Rotating Member)
- Driss Takir (Rotating Member)
- Jin Zhu
- Debra M. Elmegreen, *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.

