



WGSSBN Bulletin



Volume 4, #5

2024 April 9

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)

Table of Contents

Errata	4
New Names of Minor Planets	4
(17218) Stgeorge = 2000 BV16	4
(20011) Baryshnikov = 1991 PD13	5
(20013) Nureyev = 1991 RT26	5
(27809) Murakamiyasuhiko = 1993 HS1	5
(27815) Katsuhito = 1993 SA1	5
(28743) Schuitemaker = 2000 GO142	5
(28795) Bibles = 2000 HO64	5
(28799) Christopherford = 2000 HB72	6
(29975) Racheledelstein = 1999 LQ32	6
(30113) Kylerkuehn = 2000 FM26	6
(69273) Derbyastro = 1989 TN1	6
(138200) Anderswall = 2000 EW137	6
(207653) Anatolymokrenko = 2007 OS3	6
(215970) Campidoglio = 2005 QV66	6
(274928) von Weinberg = 2009 SU170	7
(379767) Barcis = 2011 HH20	7
(441374) Wangjingxiu = 2008 EL43	7
(457248) Hondius = 2008 QH	7
(483951) Fiorella = 2006 BM147	7
(527205) Zhongdatianwen = 2007 TL178	7
(591592) Carlanderson = 2013 YX44	7
(646684) Boaca = 2008 EY182	8
(651370) Kolen = 2013 AZ51	8
(652031) Szczepaniak = 2013 RS104	8
Recent Comet Namings & Numberings	9
Recent Namings (in reverse chronological order)	9
Recent Numberings	10
Standard Acronyms & Abbreviations	11
Statistics & Links	11
WGSBN Members	12

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> 8152	-23	<i>For</i> “Justine”, “Balthazar”, “Mountolive” and “Clea” <i>read</i> <i>Justine, Balthazar, Mountolive and Clea</i> [(2231) citation]
<i>MPC</i> 59387	-15	<i>For</i> management n Durban <i>read</i> management in Durban [(73885) citation]
<i>MPC</i> 65711	-17	<i>For</i> Kavular <i>read</i> Kavalur [(17446) citation]
<i>MPC</i> 75352	6	<i>For</i> she gas worked <i>read</i> she has worked [(65658) citation]
<i>MPC</i> 103972	-13	<i>For</i> organised <i>read</i> organized [(383067) citation]
<i>MPC</i> 112435	4	<i>For</i> travelling <i>read</i> traveling [(383492) 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.

(17218) Stgeorge = 2000 BV₁₆

Discovery: 2000-01-30 / LINEAR / Socorro / 704

Katherine St. George (b. 2002) was a finalist in the 2020 Regeneron Science Talent Search, a science competition for high school seniors, for her animal sciences project. She attended the John F. Kennedy High School, Bellmore, New York.

(20011) Baryshnikov = 1991 PD₁₃

Discovery: 1991-08-05 / H. E. Holt / Palomar / 675

Mikhail Baryshnikov (b. 1948) is a Russian-born American ballet dancer, choreographer, and actor. Baryshnikov is one of the greatest dancers of the 20th century. His acrobatic prowess and iconic choreography—combined with his acting roles on- and off Broadway, TV, and in movies—thrust ballet into popular culture.

(20013) Nureyev = 1991 RT₂₆

Discovery: 1991-09-11 / H. E. Holt / Palomar / 675

Rudolf Nureyev (1938–1993) was a Russian-born ballet dancer, director, and choreographer. In 1961 he became the first Soviet artist to defect to the West, where he was considered by many the greatest male ballet dancer since Vaslav Nijinsky. His influence on ballet has been compared to that made on opera by the renowned Maria Callas.

(27809) Murakamiyasuhiko = 1993 HS₁

Discovery: 1993-04-20 / K. Endate, K. Watanabe / Kitami / 400

Yasuhiko Murakami (b. 1973) is a Japanese amateur astronomer and director of the Nayoro Observatory in Nayoro City, Hokkaido. He has observed minor-planet occultations for about 15 years.

(27815) Katsuhito = 1993 SA₁

Discovery: 1993-09-16 / K. Endate, K. Watanabe / Kitami / 400

Katsuhito Nakajima (b. 1971) is a Japanese amateur astronomer and chief researcher of the Ginganomori Observatory in Rikubetsu Town, Hokkaido. He successfully photographed low-latitude aurora borealis in 2015 and 2023 from Rikubetsu at latitude 43°27' N.

(28743) Schuitemaker = 2000 GO₁₄₂

Discovery: 2000-04-07 / LONEOS / Anderson Mesa / 699

Michiel Schuitemaker (b. 1964) has started, been president and CEO, and partnered in a variety of American companies. He supports Lowell Observatory's mission of science research and education by providing his extensive business expertise as a member of the Advisory Board since 2023.

(28795) Bibles = 2000 HO₆₄

Discovery: 2000-04-26 / LONEOS / Anderson Mesa / 699

Camille Bibles (b. 1961) is an American Magistrate Judge and is the only federal judge located in Northern Arizona. Camille took the bench in 2019 after a career successfully litigating in state, federal, and international courts. She became a trustee of the Lowell Observatory Foundation in 2023.

(28799) Christopherford = 2000 HB₇₂

Discovery: 2000-04-25 / LONEOS / Anderson Mesa / 699

Christopher Ford (b. 1959) is a leading American authority in computer graphics and media development in film visual effects, game and video production, and astronomical visualization. He is a former President of the Astronomical Society of the Pacific and joined the Lowell Observatory Board in 2023.

(29975) Racheledelstein = 1999 LQ₃₂

Discovery: 1999-06-08 / LONEOS / Anderson Mesa / 699

Rachel Edelstein (b. 1964) is the Annual Giving Officer for Lowell Observatory, USA. She communicates the greatest needs of the observatory to members and donors, guiding them through the gift-giving process. She enhances the Lowell experience through reporting, engagement, and stewardship.

(30113) Kylerkuehn = 2000 FM₂₆

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

Kyler Kuehn (b. 1976) is the Director of Technology at Lowell Observatory, USA. He is the team lead for construction, maintenance, and operation of astronomical facilities and instruments. He has contributed to several international research projects including the IceCube Neutrino Observatory.

(69273) Derbyastro = 1989 TN₁

Discovery: 1989-10-04 / B. G. W. Manning / Stakenbridge / 494

The Derby and District Astronomical Society is based in Derby, England and was founded in 1974 by Jane Kirk. The society holds monthly meetings and engages in public and educational activities. It also operates the Flamsteed Observatory and runs monthly public viewing nights.

(138200) Anderswall = 2000 EW₁₃₇

Discovery: 2000-03-10 / Uppsala-DLR Asteroid Survey / Kvistaberg / 049

Anders Wall (b. 1931) is a Swedish businessman and philanthropist. Through his foundation he has provided support to many students of astronomy and young astronomers, as well as initiatives promoting scientific outreach and education.

(207653) Anatolymokrenko = 2007 OS₃

Discovery: 2007-07-18 / Andrushivka / Andrushivka / A50

Anatoly Yuriyovych Mokrenko (1933–2020) was a Ukrainian operatic baritone. He was a soloist of the National Opera of Ukraine from 1968 to 1996, and general director and artistic director of the National Opera of Ukraine from 1991 to 1999.

(215970) Campidoglio = 2005 QV₆₆

*Discovery: 2005-08-28 / M. Di Sora, F. Mallia * / Campo Catino / I10*

Campidoglio, the current seat of the Rome City Council, is one of the seven hills where Rome was founded in 753 BCE. Rome was the first capital in the world with a policy on light pollution control and reduction, which was implemented with the intervention of the local police and municipal offices in collaboration with Campo Catino Observatory.

(274928) von Weinberg = 2009 SU₁₇₀

Discovery: 2009-09-26 / R. Kling, U. Zimmer / Taunus / B01

Arthur von Weinberg (1860–1943) was a German chemist and manager of the largest textile azo dyestuff production of its time, honorary citizen of Frankfurt, honorary member of the Physikalischer Verein, director of Senckenberg and arts patron. Because of his Jewish ancestry, he was arrested by the Nazis and died in the Theresienstadt concentration camp.

(379767) Barcis = 2011 HH₂₀

Discovery: 2001-03-23 / ADAS / Cima Ekar / 209

Barcis is an Italian municipality in the province of Pordenone (Friuli-Venezia Giulia) in whose territory the homonymous meteorite was found in 1953, one of the only two pallasites recovered in Italy so far.

(441374) Wangjingxiu = 2008 EL₄₃

Discovery: 2008-03-04 / PMO NEO Survey Program / XuYi / D29

Wang Jingxiu (b. 1944) is a Chinese solar astrophysicist and academician of the Chinese Academy of Sciences. He has achieved significant results in his research on the vector magnetic field structure and evolution of solar active regions, the mechanisms of solar activity, and the properties of the Sun's small-scale magnetic elements.

(457248) Hondius = 2008 QH

Discovery: 2008-08-20 / V. S. Casulli / Vallemare Borbona / A55

Jodocus Hondius (Joost de Hondt, 1563–1612), was a Flemish-Dutch engraver and cartographer. In 1598, with Petrus Plancius, he published a celestial globe with 12 new southern constellations.

(483951) Fiorella = 2006 BM₁₄₇

Discovery: 2006-01-31 / V. S. Casulli / Vallemare Borbona / A55

Fiorella Isoardi (b. 1954) is an Italian astronomy popularizer in primary and secondary schools. She is interested in translating ancient Latin texts on the constellations and is the wife of amateur astronomer Stefano Valentini.

(527205) Zhongdatianwen = 2007 TL₁₇₈

Discovery: 2007-10-06 / PMO NEO Survey Program / XuYi / D29

Founded in 1924, Sun Yat-sen University (“Zhongda”) is a renowned Chinese university internationally. It established the first astronomy (“Tianwen”) program at a modern Chinese university in 1927. Zhongdatianwen is named after the astronomy program of Zhongda on its 100th anniversary.

(591592) Carlanderson = 2013 YX₄₄

Discovery: 2013-12-03 / M. Ory / Oukaïmeden / J43

Carl David Anderson (1905–1991) was an American physicist who studied cosmic rays at Caltech. Anderson is best known for his discovery of the positron in 1932, which won him the 1936 Nobel Prize in Physics, and of the muon in 1936.

(646684) Boaca = 2008 EY₁₈₂

*Discovery: 2014-06-24 / EURONEAR * / La Palma / 950*

Mihai Boaca (1952–2021) was a Romanian land surveyor, renowned cartoonist and amateur astronomer. He is a founding member of the Andromeda Astronomical Society in Cluj-Napoca, organizing public outreach, stargazing events and building a roll-off dome at Feleacu Observatory. He was a keen observer of planets and double stars using his own telescopes.

(651370) Kolen = 2013 AZ₅₁

*Discovery: 2012-12-13 / M. Langbroek, K. Sárneczky * / Piskéstető / 461*

Jan Kolen (b. 1962) is a Dutch Professor in Landscape Archaeology and Cultural Heritage at Leiden University. His research focus is on the transformation of landscapes over time, combining historical, geographical and archaeological approaches to create landscape biographies that can guide heritage management.

(652031) Szczepaniak = 2013 RS₁₀₄

*Discovery: 2013-09-03 / M. Kusiak, M. Żołnowski * / Tincana / D03*

Grzegorz Szczepaniak (b. 1970) is a Polish mountain tourist guide working in Żywiec. In 2023 he became The Ambassador of the city of Żywiec, for his active promotion of the region. He is also a vice-president of the Babiógórski Branch of the Polish Tourist and Sightseeing Society.

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)

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)	<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>
P/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)	<i>MPEC 2023-X269</i>
C/2023 X2 (Lemmon)	<i>MPEC 2023-X226</i>
C/2023 X1 (Leonard)	<i>MPEC 2023-X222</i>
C/2023 RN ₃ (ATLAS)	<i>MPEC 2023-X85</i>

WGSBN Bull. 4, #5

P/2023 V6 (PANSTARRS)		<i>MPEC 2023-V262</i>
C/2023 V5 (Leonard)		<i>MPEC 2023-V193</i>
C/2023 V4 (Camarasa-Duszanowicz)	*	<i>MPEC 2023-V192</i>
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 T1 (PANSTARRS)		<i>MPEC 2023-U53</i>
C/2023 T2 (Borisov)	*	<i>MPEC 2023-U162</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>

Recent Numberings

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

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 24719 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.

