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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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Editorial Notice

IAU members who wish to be considered for future Rotating Member positions on the WGSBN are informed that they can register their interest at https://www.wgsbn-iau.org/rotating_members.html.

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> 48397	-22	<i>For</i> in 1263. <i>read</i> in 1283. [(40206) citation]
<i>MPC</i> 63641	-33	<i>For</i> Hyppolite Fizeau <i>read</i> Armand Hippolyte Louis Fizeau [(69870) citation]
<i>MPC</i> 79911	38	<i>For</i> Frank L. Kameny <i>read</i> Frank E. Kameny [(40463) citation]
<i>Bull.</i> 4, #3, 9	21	<i>For</i> \$2 and paediatric <i>read</i> phoniatics and paediatric [(549107) 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.

(16883) Adeenedenton = 1998 BA₂₀

Discovery: 1998-01-22 / Spacewatch / Kitt Peak / 691

C. Adeene Denton (b. 1994) is an American planetary geophysicist studying impact processes on the icy worlds of our Solar System, including Pluto. She was an astronomer-in-residence at the Grand Canyon. They create Pluto memes, and are a dancer, skier, and trail runner.

(21287) Santa-Lucia = 1996 UU₃

Discovery: 1996-10-31 / A. Vagnozzi / Stroncone / 589

Santa-Lucia is a small Italian village on the green hills of Stroncone where a famous olive oil is produced. The village owes its name to the eponymous saint, who was a protector of eyes. It is the site of the observatory where this minor planet was discovered. The name was suggested by the children of the primary school of Vascigliano.

(27787) Andokazuma = 1992 UO₆

Discovery: 1992-10-28 / K. Endate, K. Watanabe / Kitami / 400

Kazuma Ando (b. 1984) is a Japanese amateur astronomer and was an employee of the Sendai Space Museum in Satsumasendai City from 2009 to 2019. He currently works for a weather company and is a leading local volunteer for the popularization of astronomy.

(42613) Schaller = 1998 EC₄

Discovery: 1998-03-02 / Spacewatch / Kitt Peak / 691

Christian Schaller (b. 1969) is an American software developer for space-based imagers including the HiRISE camera on the Mars Reconnaissance Orbiter, and the CaSSIS imager (after which his cat is named) on the ESA Trace Gas Orbiter. As a student, he was a summer researcher at Arecibo Observatory.

(42618) Bardabelias = 1998 FM₈

Discovery: 1998-03-21 / Spacewatch / Kitt Peak / 691

Nicole M. Bardabelias (b. 1992) is a science operations engineer on the High Resolution Imaging Science Experiment (HiRISE) on the Mars Reconnaissance Orbiter and formerly for Mars Exploration Rovers. At the University of Arizona she leads the uplink HiRISE team, supplies memes, and plans Mars image targets for HiRISE. She is a dancer, musician, and baker.

(53055) Astrogapra = 1998 XT₁₄

Discovery: 1998-12-15 / ODAS / Caussols / 910

GAPRA (Groupement d'Astronomie Populaire de la Région d'Antibes) is the leading astronomy association on the Côte d'Azur in Southern France. It was founded in 1974 and has greatly helped to the diffusion of astronomy through public star parties and monthly conferences.

(133066) Beddingfield = 2003 FQ₁₂₄

Discovery: 2003-03-30 / M. W. Buie / Kitt Peak / 695

Chloe B. Beddingfield (b. 1987) is an American planetary scientist. She served as a science team post-doctoral researcher for geophysics investigations for NASA's New Horizons mission to Pluto and the Kuiper Belt.

(138626) Tanguybertrand = 2000 QM₂₄₈

Discovery: 2000-08-28 / M. W. Buie / Cerro Tololo / 807

Tanguy Bertrand (b. 1989) is a French planetary astronomer. He made many contributions to understanding tenuous planetary atmospheres and served as a science team graduate student and postdoctoral researcher on the NASA New Horizons mission to Pluto and the Kuiper Belt.

(143750) Shyamkumar = 2003 UJ₂₈₈

Discovery: 2003-10-23 / M. W. Buie / Kitt Peak / 695

Shyamkumar Bhaskaran (b. 1963) is an American navigation specialist at the Jet Propulsion Laboratory. He has been involved in navigating many flybys of solar system bodies, including the NASA New Horizons mission to Pluto and the Kuiper Belt.

(148342) Carverbierson = 2000 QJ₂₄₂

Discovery: 2000-08-27 / M. W. Buie / Cerro Tololo / 807

Carver J. Bierson (b. 1987) is an American planetary scientist. He served as a science team graduate student researcher for geophysics investigations for NASA's New Horizons mission to Pluto and the Kuiper Belt.

(162395) Michaelbird = 2000 CY₁₀₈

Discovery: 2000-02-05 / M. W. Buie / Kitt Peak / 695

Michael K. Bird (b. 1944) is a German planetary scientist from the University of Bonn in Germany, who served as a Science Team Collaborator for radio science for the NASA New Horizons Mission to Pluto and the Kuiper Belt. He was a co-lead on the radiometric thermal measurements of Pluto and Arrokoth.

(184315) Denisbogan = 2005 EB₃₁₄

Discovery: 2005-03-10 / M. W. Buie / Kitt Peak / 695

Denis J. Bogan (b. 1941) is a former American NASA scientist. He served as a NASA Program Scientist supporting the development of the New Horizons mission to Pluto and the Kuiper Belt.

(201935) Robertbraun = 2004 DB₆₇

Discovery: 2004-02-26 / M. W. Buie / Kitt Peak / 695

Robert Braun (b. 1965) is an aerospace engineer and head of the Johns Hopkins University Applied Physics Laboratory's Space Exploration Sector during the flight of NASA's New Horizons mission across the Kuiper Belt.

(204570) Veronicabray = 2005 EA₃₁₇

Discovery: 2005-03-12 / M. W. Buie / Kitt Peak / 695

Veronica J. Bray (b. 1981) is a British-American planetary scientist. She has served in many roles on a variety of NASA missions, including Mars Reconnaissance Orbiter, Lunar Reconnaissance Orbiter, Cassini, and the New Horizons mission to Pluto and the Kuiper Belt.

(204602) Lawrencebrown = 2005 GC₂₀₅

Discovery: 2005-04-11 / M. W. Buie / Kitt Peak / 695

Lawrence E. Brown (b. 1963) is a senior software engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Lead Ground Software Engineer for the PEPSSI charged particle spectrometer aboard the NASA New Horizons spacecraft during the Jupiter, Pluto, and Arrokoth flybys, and the exploration of the Kuiper Belt and outer heliosphere.

(204632) Jamesburch = 2005 XY₁₁₄

Discovery: 2005-12-01 / M. W. Buie / Kitt Peak / 695

James L. Burch (b. 1942) is an American space physicist. He was Vice President of the Space Sector at the Southwest Research Institute during the development and flight of NASA's New Horizons mission to Pluto and the Kuiper Belt.

(204764) Lindaburke = 2006 JW₅₉

Discovery: 2006-05-01 / M. W. Buie / Kitt Peak / 695

Linda M. Burke (b. 1965) is an American staff engineer at Johns Hopkins University Applied Physics Laboratory. She served as Systems Assurance Manager for the New Horizons mission and in a variety of roles on NASA missions, including TIMED, STEREO, New Horizons, Cassini, Europa Clipper, Parker Solar Probe, Psyche, and DragonFly.

(205823) Michaeldavis = 2002 CP₂₆₄

Discovery: 2002-02-08 / M. W. Buie / Kitt Peak / 695

Michael W. Davis (b. 1975) is an American staff scientist at the Southwest Research Institute. He helped to build and test the Alice ultraviolet spectrograph on NASA's New Horizons mission to Pluto and the Kuiper Belt.

(206015) Carlengelbrecht = 2002 PZ₁₄₆

Discovery: 2002-08-09 / M. W. Buie / Cerro Tololo / 807

Carl S. Engelbrecht (b. 1962) is an American engineer. He served as the NASA New Horizons mission Deputy Project Manager for the Arrokoth flyby.

(207013) Fischetti = 2004 TC₃₅₄

Discovery: 2004-10-11 / M. W. Buie / Kitt Peak / 695

Joel T. Fischetti (b. 1993) is an American engineer at KinetX Aerospace. He served as an orbit determination analyst for the NASA New Horizons Mission to Arrokoth.

(207394) Rickfitzgerald = 2005 XL₁₀₁

Discovery: 2005-12-01 / M. W. Buie / Kitt Peak / 695

Richard J. Fitzgerald (b. 1962) is an American engineer. He served as a John Hopkins Applied Physics Lab Program Area Manager, and made many contributions to NASA New Horizons Mission to Pluto and the Kuiper Belt.

(208117) Davidgerdes = 2000 CJ₁₁₉

Discovery: 2000-02-06 / M. W. Buie / Kitt Peak / 695

David W. Gerdes (b. 1964) is an American astrophysicist. He is the Arthur F. Thurnau Professor of Physics and Chair of the Department of Physics at the University of Michigan, and made many contributions to NASA's New Horizons mission to Pluto and the Kuiper Belt.

(208196) Matthiashahn = 2000 QM₂₄₆

Discovery: 2000-08-27 / M. W. Buie / Cerro Tololo / 807

Matthias K. Hahn (b. 1984) is a German planetary scientist. He served as a Science Team Collaborator for the NASA New Horizons Mission to Pluto and the Kuiper Belt, contributing significantly to gravity and radiometer measurements at both Pluto and Arrokoth. He has also made contributions to comet science and served on the ESA Rosetta Mission.

(209075) Kathleenharmon = 2003 QM₁₁₄

Discovery: 2003-08-23 / M. W. Buie / Cerro Tololo / 807

Kathleen A. Harmon (b. 1968) is an American systems engineer for at the Jet Propulsion Laboratory. She served as the Deep Space Network Mission Interface Manager for the NASA New Horizons mission flyby of Arrokoth in the Kuiper belt.

(209206) Richardhenry = 2003 UQ₂₈₈

Discovery: 2003-10-23 / M. W. Buie / Kitt Peak / 695

Richard Conn Henry (b. 1940) is an American Academy Professor at the Johns Hopkins University specializing in far ultra-violet observations. He directs NASA's Maryland Space Grant Consortium and is a former Deputy Director of NASA's Astrophysics Division. He works with the New Horizons Science Team to use the spacecraft for astrophysical investigations.

(209883) Jasonhofgartner = 2005 JZ₁₇₀

Discovery: 2005-05-10 / M. W. Buie / Cerro Tololo / 807

Jason D. Hofgartner (b. 1988) is a Canadian planetary scientist. He served as a science team graduate student researcher on NASA's New Horizons mission to Pluto and the Kuiper Belt.

(210854) Stevejaskulek = 2001 QE₃₁₇

Discovery: 2001-08-20 / M. W. Buie / Cerro Tololo / 807

Stephen E. Jaskulek (b. 1957) is an American senior systems engineer at the Johns Hopkins University Applied Physics Laboratory. He served as the Lead Engineer for the PEPSSI charged particle spectrometer aboard the New Horizons spacecraft during the Pluto and Arrokoth flybys and the exploration of the Kuiper Belt and outer heliosphere.

(210874) Perijohnson = 2001 RH₁₅₅

Discovery: 2001-09-12 / M. W. Buie / Kitt Peak / 695

Perianne E. Johnson (b. 1994) is an American planetary scientist. She contributed to the intersection of geology and atmospheres in understanding Pluto's evolution and served as a science team graduate student researcher on NASA's New Horizons mission to Pluto and the Kuiper Belt.

(211077) Hongkang = 2002 CT₂₇₁

Discovery: 2002-02-08 / M. W. Buie / Kitt Peak / 695

Hong Kyu Kang (b. 1964) is an American senior staff engineer at Johns Hopkins Applied Physics Laboratory. He was a member of the New Horizons science operations team, planning and verifying instrument operations for the flybys of Pluto and Arrokoth. In addition, he worked on numerous NASA missions including MESSENGER, Parker Solar Probe, and Europa Clipper.

(211232) Kellykevin = 2002 PW₁₄₄

Discovery: 2002-08-09 / M. W. Buie / Cerro Tololo / 807

Kevin Kelly (b. 1957) is an American formerly serving as a staff member in the United States Senate, now a private citizen. He helped advocate for NASA's New Horizons mission to Pluto and the Kuiper Belt.

(212215) Mallorykinczyk = 2005 GH₁₉₇

Discovery: 2005-04-10 / M. W. Buie / Kitt Peak / 695

Mallory J. Kinczyk (b. 1989) is an American planetary scientist. She served as a science team graduate student researcher for geophysics investigations for NASA's New Horizons mission to Pluto and the Kuiper Belt.

(212392) Peterkollmann = 2006 HE₁₄₀

Discovery: 2006-04-26 / M. W. Buie / Cerro Tololo / 807

Peter Kollmann (b. 1983) is a senior scientist at the Johns Hopkins Applied Physics Laboratory. He served as Deputy Instrument Scientist for the PEPSSI charged particle spectrometer aboard the NASA New Horizons spacecraft during the Pluto and Arrokoth flybys and the exploration of the Kuiper Belt, continuing to the outer heliosphere.

(212403) Marthakusterer = 2006 JQ₆₀

Discovery: 2006-05-01 / M. W. Buie / Kitt Peak / 695

Martha B. Kusterer (b. 1957) is an American senior software engineer retired from the Johns Hopkins University Applied Physics Laboratory. She developed software tools and internet resources for the PEPSSI charged particle spectrometer data analysis in support of the NASA New Horizons mission to Pluto and the Kuiper belt object Arrokoth.

(213197) Lessac-Chenen = 2000 SW₃₄₅

Discovery: 2000-09-20 / M. W. Buie / Kitt Peak / 695

Erik J. Lessac-Chenen (b. 1982) is an American engineer at KinetX Aerospace, Inc. He served as an optical navigation analyst for the NASA New Horizons Mission to the Kuiper belt object Arrokoth.

(214290) Leeannmarshall = 2005 GT₂₀₆

Discovery: 2005-04-12 / M. W. Buie / Kitt Peak / 695

LeeAnn Marshall (b. 1956) is an American senior administrative coordinator at the Southwest Research Institute. She coordinates logistics and supports administrative functions for NASA's New Horizons mission to Pluto and the Kuiper Belt.

(215884) Jayantmurthy = 2005 EX₂₉₆

Discovery: 2005-03-09 / M. W. Buie / Kitt Peak / 695

Jayant Murthy (b. 1961) from India, is a former Director of the Indian Institute of Astrophysics. His research centers on the cosmic diffuse ultraviolet background radiation. He is currently working with the NASA New Horizons Science Team to observe the ultraviolet background.

(215905) Andrewpoppe = 2005 GF₂₂₃

Discovery: 2005-04-10 / M. W. Buie / Kitt Peak / 695

Andrew R. Poppe (b. 1984) is an American space scientist, and interplanetary dust expert. He serves as the lead scientist for the heliophysics theme team on NASA's New Horizons mission during its second extended mission in the Kuiper Belt.

(216752) Kirbyrunyon = 2005 PR₂₃

Discovery: 2005-08-10 / M. W. Buie / Cerro Tololo / 807

Kirby D. Runyon (b. 1985) is an American planetary scientist. He served as a science team graduate student and postdoctoral researcher on NASA's New Horizons mission to Pluto and the Kuiper Belt.

(217124) Michaelsalinas = 2002 CQ₂₆₂

Discovery: 2002-02-06 / M. W. Buie / Kitt Peak / 695

Michael J. Salinas (b. 1995) is an American engineer at KinetX Aerospace. He served as an orbit determination analyst for the NASA New Horizons mission trajectory to the Kuiper belt object Arrokoth.

(217492) Howardtaylor = 2006 HG₁₂₇

Discovery: 2006-04-28 / M. W. Buie / Cerro Tololo / 807

Howard W. Taylor (b. 1969) is an American electrical engineer from Johns Hopkins University Applied Physics Laboratory. He helped calibrate, test, and provide data management for the Long Range Reconnaissance Imager on NASA's New Horizons mission to Pluto and the Kuiper Belt.

(218069) Lisaturner = 2002 FN₁₉

Discovery: 2002-03-18 / M. W. Buie / Kitt Peak / 695

Lisa S. Turner (b. 1975) served as an Administrative Assistant for the New Horizons spacecraft flyby of the Kuiper Belt object Arrokoth. She later served as a Program Manager Assistant for the mission.

(218570) Jonvandegriff = 2005 GO₂₀₄

Discovery: 2005-04-10 / M. W. Buie / Kitt Peak / 695

Jon D. Vandegriff (b. 1969) is an American senior software engineer at the Johns Hopkins University Applied Physics Laboratory. He developed software tools for planning and analysis of PEPSSI charged particle spectrometer measurements for the NASA New Horizons mission to Pluto and the Kuiper Belt.

(219286) Helenewinters = 2000 CG₁₁₀

Discovery: 2000-02-05 / M. W. Buie / Kitt Peak / 695

Helene L. Winters (b. 1964) is a program manager at the Johns Hopkins University Applied Physics Laboratory. She has served as the Project Manager on New Horizons, Parker Solar Probe, MESSENGER, and Mini-RF.

(219861) Robertdecker = 2002 CP₂₅₀

Discovery: 2002-02-06 / M. W. Buie / Kitt Peak / 695

Robert B. Decker (b. 1951) is an American physicist at the Johns Hopkins University Applied Physics Laboratory. He has made fundamental contributions to the study of the heliosphere, most notably as a co-investigator for the Voyager 1 & 2 Low Energy Charged Particle experiment exploring the solar wind termination shock.

(316039) Breizh = 2009 GB₃

Discovery: 2009-04-14 / M. Ory / Vicques / 185

Breizh (Brittany) is the Breton name of a historical and cultural region in northwestern France, and one of the six so-called Celtic nations. The peninsula Breizh occupies is located between the English Channel to the north, the Celtic Sea to the west, and the Bay of Biscay to the south.

(618694) Gertrudegrice = 2003 CV₂₆

Discovery: 2012-01-23 / N. Falla / Mayhill / H06

Gertrude Grice (1911–2000) was the mother-in-law of the discoverer. She worked for many years as an assistant at a childrens home in suburban London.

(648709) Angissimo = 2010 BV₄

Discovery: 2010-01-24 / J.-C. Merlin / Nogales / 926

Established in 1920, l'Orchestre Symphonique César Franck was renamed Angissimo in 2014 to pay tribute to Angers (France), its home city. Gathering passionate musicians, Angissimo offers programs intended to popularize classical music among a wide audience. It performs in the towns and villages of the Anjou region.

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 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>
P/2024 C5 (Lemmon-PANSTARRS)	<i>MPEC 2024-D103</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>
P/2023 V6 (PANSTARRS)	<i>MPEC 2023-V262</i>
C/2023 V5 (Leonard)	<i>MPEC 2023-V193</i>

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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
C/2023 R1 (PANSTARRS)		MPEC 2023-R197
C/2023 P1 (Nishimura)	*	MPEC 2023-P87
469P/2015 XG ₄₂₂ (PANSTARRS)		MPEC 2023-P35
P/2023 M4 (ATLAS)		MPEC 2023-O51
C/2023 F3 (ATLAS)		MPEC 2023-O43
P/2023 M2 (PANSTARRS)		MPEC 2023-N15
P/2023 M1 (PANSTARRS)		MPEC 2023-M65
C/2023 H5 (Lemmon)		MPEC 2023-M44
C/2023 K1 (ATLAS)		MPEC 2023-L18
C/2023 H3 (PANSTARRS)		MPEC 2023-K195

Recent Numberings

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 YK ₃	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 24695 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.

Coding is well underway on a new voting website.

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.

