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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>Bull. 3</i> , #15, 11	4	<i>For</i> also a <i>read</i> also written a [(26104) citation]
<i>Bull. 3</i> , #15, 12	– 6	<i>For</i> Telsiai <i>read</i> Telšiai [(322539) name]
<i>Bull. 3</i> , #15, 12	– 4 & – 3	<i>For</i> Telsiai <i>read</i> Telšiai [(322539) citation]
<i>Bull. 3</i> , #15, 13	12	<i>For</i> Taurage <i>read</i> Tauragė [(386056) name]
<i>Bull. 3</i> , #15, 13	14, 15 & 17	<i>For</i> Taurage <i>read</i> Tauragė [(386056) citation]
<i>Bull. 3</i> , #16, 6	–18	<i>For</i> Silute <i>read</i> Šilutė [(319601) name]
<i>Bull. 3</i> , #16, 6	–16	<i>For</i> Silute <i>read</i> Šilutė [(319601) citation]
<i>Bull. 3</i> , #16, 6	–16 & –15	<i>For</i> Klaipeda <i>read</i> Klaipėda [(319601) citation]
<i>Bull. 3</i> , #16, 6	–12	<i>For</i> Kaisiadorys <i>read</i> Kaišiadorys [(324417) name]
<i>Bull. 3</i> , #16, 6	–10	<i>For</i> Kaisiadorys <i>read</i> Kaišiadorys [(324417) citation]
<i>Bull. 3</i> , #16, 6	– 6	<i>For</i> Elektrenai <i>read</i> Elektrėnai [(346318) name]
<i>Bull. 3</i> , #16, 6	– 4 & – 3	<i>For</i> Elektrenai <i>read</i> Elektrėnai [(346318) citation]
<i>Bull. 3</i> , #16, 7	1	<i>For</i> Radviliskis <i>read</i> Radviliškis [(400072) name]
<i>Bull. 3</i> , #16, 7	3, 4 & 5	<i>For</i> Radviliskis <i>read</i> Radviliškis [(400072) citation]
<i>Bull. 3</i> , #16, 7	3	<i>For</i> Siauliai <i>read</i> Šiauliai [(400072) 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.

(10589) Giusimicela = 1996 OM₂

Discovery: 1996-07-23 / A. Boattini, A. Di Paola / Campo Imperatore / 599

Giuseppina Micela (b. 1959) is an Italian astrophysicist. She has carried out studies in X-ray spectroscopy, stellar activity, and exoplanets and is Principal Investigator of the Italian contribution to the Ariel space mission. She was Director of the Palermo Astronomical Observatory.

(10590) Ragazzoni = 1996 OP₂

Discovery: 1996-07-24 / A. Boattini, A. Di Paola / Campo Imperatore / 599

Roberto Ragazzoni (b. 1966) is an Italian astrophysicist, director of the Astronomical Observatory of Padua and member of the Accademia dei Lincei. He works mainly in the field of astronomical instrumentation and in the design of innovative telescopes, as well as in the development of devices for adaptive optics.

(11139) Qingdaoligong = 1996 YF₂

Discovery: 1996-12-22 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Qingdao University of Technology (Qingdaoligong) is a comprehensive university with fields of Engineering, Science, Economics, Management, Literature, Law and Art, featuring strengths in Civil Engineering Architecture, Mechanical Engineering and Environmental Engineering.

(12977) Nanettevigil = 1978 NC

Discovery: 1978-07-10 / E. F. Helin, E. M. Shoemaker / Palomar / 675

Nanette Vigil (b. 1968) has spent many years encouraging her family to enjoy the night sky, and becoming familiar with the many legends behind the constellations. She is also the daughter of comet hunter David H. Levy.

(16397) Carlahayden = 1982 JS₂

Discovery: 1982-05-15 / E. F. Helin, E. M. Shoemaker / Palomar / 675

Carla Diane Hayden (b. 1951) is the fourteenth and current Librarian of the United States Library of Congress. Appointed in 2016, Hayden is responsible for the 171 million items that make up the world's second-largest library.

(16704) Taisukekaneko = 1995 ED₈

Discovery: 1995-03-07 / M. Hirasawa, S. Suzuki / Nyukasa / 408

Taisuke Kaneko (b. 1981) is a Japanese occupational therapist. He works at Minamino Hospital in Hachioji, Japan. He helped the first discoverer when he was hospitalized for a cerebral infarction.

(18457) Syoheiyamamoto = 1995 EX₇

Discovery: 1995-03-05 / M. Hirasawa, S. Suzuki / Nyukasa / 408

Syohei Yamamoto (b. 1991) is a Japanese speech-language-hearing therapist. He works at Minamino Hospital in Hachioji, Japan. He treated the first discoverer when he was hospitalized for a cerebral infarction.

(20003) Andorfer = 1991 EX₂

Discovery: 1991-03-11 / H. Debehogne / La Silla / 809

Gregory P. Andorfer (1951–2020) was an American science communicator who was Series Producer for Carl Sagan's *Cosmos* TV series. Later Executive Director and CEO for the Maryland Science Center, he designed a capital campaign to renew and add new exhibits. Andorfer received an honorary Ph.D. for his science popularization.

(21291) Mercalli = 1996 VG₆

Discovery: 1996-11-12 / A. Boattini, F. Pedichini / Campo Imperatore / 599

Luca Mercalli (b. 1966) is an Italian meteorologist, climatologist and science communicator. He is committed to disseminating a lifestyle aimed at mitigating global warming. He is president of the Società Meteorologica Italiana.

(115210) Mutvicens = 2003 SY₁₂₄

Discovery: 2003-09-19 / OAM / Costitx / 620

Vicens Mut (1614–1687) was a Mallorcan historian, military engineer and one of the most important astronomers of his time. The Italian astronomer Giovanni Battista Riccioli named the crater Mutus on the Moon after Mut.

(236788) Nanxinda = 2007 PM₃₅

Discovery: 2007-08-09 / PMO Neo Survey Program / XuYi / D29

Nanxinda is the Chinese abbreviation for the Nanjing University of Information Science & Technology. It was founded in 1960 to undertake research and education in meteorology.

(241362) Nesiotites = 2007 YH₂

Discovery: 2007-12-18 / OAM / Costitx / 620

Nesiotites is an extinct genus of giant shrew, in the family Soricidae, which was endemic to the Balearic Islands until c. 2200 BCE.

(355657) Poppy = 2008 EA₈₉

Discovery: 2003-04-01 / L. H. Wasserman / Kitt Peak / 695

Frances “Poppy” Northcutt (b. 1943) is an American engineer and attorney. She was the first female engineer at NASA Mission Control, starting with Apollo 8, and was part of the ground control team that rescued Apollo 13. Following NASA, she became an attorney with special emphasis on civil rights, advocating for women's rights throughout her career.

(414283) Lécureuil = 2008 MW₄

*Discovery: 2008-06-30 / M. Ory * / Vicques / 185*

Patrick Lécureuil (b. 1970) is a French astronomer who has been passionate about astronomy since his adolescence. He devoted a large part of his professional life to popularize astronomy to all audiences as a scientific mediator. He is also the author of several introductory books on astronomy and astrophotography.

(423624) Udeantioquia = 2005 WZ₁₅₆

Discovery: 2005-11-27 / I. Ferrin / Mérida / 303

The University of Antioquia was founded in 1803 by a royal decree issued by King Charles IV of Spain. It is considered one of Colombia's top universities and is renowned for its Faculty of Medicine, acknowledged as one of the best medical schools in Colombia. The University contributes to society through its programs of education and research.

(586003) Monspartsarolta = 2000 RY₁₀₈

*Discovery: 2016-09-28 / K. Sárneczky, Á. Sódor * / Pizskéstető / 461*

Sarolta Monspart (1944–2021) was a Hungarian orienteering world champion, who won 14 national orienteering championships and six cross-country skiing championships. After her professional career, she became an advocate for improving women's health.

(598855) Agerer = 2009 FC₁₀

Discovery: 2009-02-26 / F. Hormuth / Calar Alto / 493

Franz Agerer (1943–2022) was a German amateur astronomer who monitored numerous variable stars over decades, discovered more than 200 new variables, and played a major role in continuing the Lichtenknecker Database of the BAV. He also developed a novel robotic telescope mounted on a horizontal axis for efficiently alternating between selected sky fields.

(600539) Aldoatiglio = 2012 BZ₂₄

Discovery: 2012-01-20 / N. Falla / Mayhill / H06

Aldo Atiglio Falla (1909–1995) was the father of the discoverer. In the 1930s he worked as a waiter in a fashionable London restaurant frequented by some of the leading politicians and diplomats of the time. In later life he continued to work in the hospitality industry.

(618132) Verheyen = 2006 WS₁₂₉

*Discovery: 2006-11-27 / P. De Cat * / Uccle / 012*

Marie Louise Verheyen (1955–2023) was well-known in the city of Mortsel (Belgium) as a principal and teacher in different schools and as an active member of the church community. She was the mother of amateur meteor observer Jan Verbert.

(623031) Cartaya = 2015 GP₆₁

*Discovery: 2015-03-28 / K. Černis, R. P. Boyle * / Mount Graham / 290*

Pedro Pablo Cartaya Gonzalez-Llorente, SJ, (b. 1936) is a Cuban-American astronomer. He is managing director of the Belen Observatory at the Belen Jesuit School in Miami, a high school observatory with 22 telescopes, whose alumni include a number of scientists and engineers active in the field of space science.

(624448) Gennadiyborisov = 2003 AJ₉₅

Discovery: 2013-12-30 / J.-C. Merlin / Nogales / 926

Gennadiy Vladimirovich Borisov (b. 1962) is a Ukrainian telescope maker and amateur astronomer observing in Nauchnyi, in the southern part of the Crimean peninsula. He has discovered near-Earth objects and twelve comets with his homemade telescopes, including the first-known interstellar comet, 2I/Borisov, in 2019.

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/2023 X4 (Hogan)		<i>MPEC 2023-X272</i>
P/2023 X3 (PANSTARRS)		<i>MPEC 2023-X269</i>
P/2023 W1 (NEAT)		<i>MPEC 2023-X258</i>
C/2023 X2 (Lemmon)		<i>MPEC 2023-X226</i>
C/2023 X1 (Leonard)		<i>MPEC 2023-X225</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>
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)	MPEC 2023-M65
C/2023 H5 (Lemmon)	MPEC 2023-M44
C/2023 K1 (ATLAS)	MPEC 2023-L18
C/2023 H3 (PANSTARRS)	MPEC 2023-K195
C/2023 H2 (Lemmon)	MPEC 2023-K122
C/2022 V2 (Lemmon)	MPEC 2023-K121
464P/2014 OL ₄₆₅ (PANSTARRS)	MPEC 2023-K66
C/2023 F2 (SOHO)	MPEC 2023-K45
C/1808 R1 (Pons)	2023-05-16
C/2023 H1 (PANSTARRS)	MPEC 2023-J101
C/1951 G2 = C/1952 C1 (Groeneveld-Palomar)	MPEC 2023-J76
463P/2018 HT ₃ (NEOWISE)	MPEC 2023-J12
P/2022 BV ₉ (Lemmon)	MPEC 2023-H240
C/2020 H11 (PANSTARRS-Lemmon)	MPEC 2023-H237
461P/2010 OE ₁₀₁ = P/2021 LJ ₃₁ (WISE)	MPEC 2023-H227
C/2023 F1 (PANSTARRS)	MPEC 2023-H184
C/2022 JK ₅ (PANSTARRS)	MPEC 2023-H180
459P/2010 VH ₉₅ (Catalina)	MPEC 2023-F167
C/1971 M1 (Edwards)	MPEC 2023-F148

Recent Numberings

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
460P/2016 BA ₁₄ = P/2020 U6 (PANSTARRS)	MPC 162027
459P/2010 VH ₉₅ (Catalina)	MPC 162027
458P/2023 C1 = P/2016 C3 (Jahn)	MPC 162027
457P/2020 O1 = P/2016 N7 (Lemmon-PANSTARRS)	MPC 162027
456P/2021 L4 = P/2012 Q3 (PANSTARRS)	MPC 160359
455P/2017 S9 = P/2011 Q5 = P/2022 R7 (PANSTARRS)	MPC 160359
454P/2022 U5 = P/2013 W3 (PANSTARRS)	MPC 160359
453P/2022 V1 = P/2010 BN ₁₀₉ (WISE-Lemmon)	MPC 160359

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 24555 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. 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.

