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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.

Table of Contents

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 *MPC*s).

Reference	Line(s)	
MPC 3932	–26	*For* hemotologist *read* hematologist [(1645) citation]
MPC 4155	– 2	*For* that harbours *read* that is the site of [(1775) citation]
MPC 4786	–27	*For* 'From the New World', 'Slavonic Dances' and the opera 'Rusalka' *read From the New World*, *Slavonic Dances* and the opera *Rusalka* [(2055) citation]
MPC 4786	–21	*For* 'Sinfonietta' and the opera 'Jenufa' *read* *Sinfonietta* and the opera *Jenůfa* [(2073) citation]
MPC 6832	–18	*For* "L'Immoraliste" *read L'Immoraliste* [(1730) citation]
MPC 6955	11	*For* spectroscopicist *read* spectroscopist [(2024) citation]
MPC 7616	–12	*For* 'The Milky Way' *read The Milky Way* [(2137) citation]
MPC 8151	28	*For* "Grand Prix de Litterature de l"Academie Française" *read* Grand Prix de Littérature de l'Académie française [(2109) citation]
MPC 8323	14	*For* Dhotel *read* Dhôtel [(2109) name] (correction to erratum)
MPC 8323	14	*For* Dhotel *read* Dhôtel [(2109) citation] (correction to erratum)
MPC 8797	– 6	*For* "The Masses of the Stars" *read The Masses of the Stars* [(2110) citation]
MPC 9767	21	*For* phychotherapist *read* psychotherapist [(2412) citation]
MPC 34354	46	*For* (b. 1922) *read* (1922–1993) [(9486) citation]
MPC 39650	1	*For* Ludekpesek *read* Luděkpešek [(6584) name]

MPC 39650	4	*For* Ludek Pesek *read* Luděk Pešek [(6584) citation]
MPC 45336	30	*For* flower *read* flour [(6562) citation]
MPC 92391	– 2	*For* centre *read* center [(405207) citation]
MPC 98717	1	*For* defence *read* defense [(418220) citation]
MPC 103983	– 4	*For* theTechnical *read* the Technical [(471109) citation]
MPC 106504	–18	*For* humour *read* humor [(481993) citation]
MPC 111804	25 to 26	*For* 'The Lord of the Rings' *read The Lord of the Rings* [(418532) citation]
MPC 118222	13 to 14	*For* Universite de Montreal *read* Université de Montréal [(400811) citation]
Bull. **1**, #1, 13	17	*For* Buddist *read* Buddhist [(21294) citation]
Bull. **1**, #2, 15	– 3	*For* Valdes *read* Valdés [(31648) citation]
Bull. **1**, #3, 15	9	*For* Joilot *read* Joliot [(510466) citation]
Bull. **1**, #4, 10	– 3	*For* which founded *read* which was founded [(546845) citation]
Bull. **1**, #7, 6	11	*For* spaces debris *read* space debris [(27269) citation]
Bull. **2**, #12, 7	19 to 23	Delete the name and citation for (28116).

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.

(8614) Svedhem = 1978 VP_{11}

Discovery: 1978-11-07 / E. F. Helin, S. J. Bus / Palomar / 675

Håkan Svedhem (b. 1958) is a Swedish engineer and planetary scientist, formerly at the European Space Agency. He was the Project Scientist of the Venus Express and the ExoMars Trace Gas Orbiter missions. He has also been the General Secretary of the European Geosciences Union.

(9243) Alag = 1998 FF_{68}

Discovery: 1998-03-20 / LINEAR / Socorro / 704

Ayush Alag (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computational biology and bioinformatics project. He attended the Harker School, San Jose, California.

(9454) Ardeishar = 1998 FX_{54}

Discovery: 1998-03-20 / LINEAR / Socorro / 704

Adam Ardeishar (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attended the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia.

(9458) Beaumont = 1998 FF_{97}

Discovery: 1998-03-31 / LINEAR / Socorro / 704

Carolyn Beaumont (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her earth and planetary project. She attended the Potomac School, McLean, Virginia.

(9459) Gracecai = 1998 FW_{113}

Discovery: 1998-03-31 / LINEAR / Socorro / 704

Grace Cai (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her computer science project. She attended the Montgomery Blair High School, Silver Spring, Maryland.

(9461) Cotingkeh = 1998 HV_{33}

Discovery: 1998-04-20 / LINEAR / Socorro / 704

Lyron Co Ting Keh (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his computational biology and bioinformatics project. He attended the Crescenta Valley High School, La Crescenta, California.

(9465) Fergusonsam = 1998 HJ_{121}

Discovery: 1998-04-23 / LINEAR / Socorro / 704

Samuel Ferguson (b. 2000) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his engineering project. He attended the West Windsor Plainsboro High School South, Princeton Junction, New Jersey.

(9476) Vincenthuang = 1998 QQ_{36}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Vincent Huang (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his behavioral and social sciences project. He attended the Plano West Senior High School, Plano, Texas.

(9808) Navamijain = 1998 QS_{70}

Discovery: 1998-08-24 / LINEAR / Socorro / 704

Navami Jain (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her biochemistry project. She attended the North Carolina School of Science and Mathematics, Durham, North Carolina.

(10236) Aayushkaran = 1998 QA_{93}

Discovery: 1998-08-28 / LINEAR / Socorro / 704

Aayush Karan (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for his mathematics project. He attended the University School of Milwaukee, Milwaukee, Wisconsin.

(10238) Ananyakarthik = 1998 SO_{140}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Ananya Karthik (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search (STS), a science competition for high school seniors, for her materials science project. She attended the Saint Francis High School, Mountain View, California.

(13264) Abdelhaq = 1998 QD_{23}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Aminah Abdelhaq mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Franklin Junior High School, Mesa, Arizona.

(13267) Bolechowski = 1998 QV_{32}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Daniel Bolechowski mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. He teaches at the Rancho Christian School, Temecula, California.

(13270) Brittonbounds = 1998 QX_{35}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Britton Bounds mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. He teaches at the Crocker Middle School, Hillsborough, California.

(13271) Gingerbyrd = 1998 QZ_{35}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Ginger Byrd mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Fugman Elementary School, Fresno, California.

(13273) Cornwell = 1998 QW_{37}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Walker Cornwell mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. He teaches at the Saint Joseph Catholic Middle School, Ogden, Utah.

(13275) Kathgoetz = 1998 QT_{39}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Katherine Goetz mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Mason Middle School, Mason, Ohio.

(13282) Sharikahagan = 1998 QQ_{49}

Discovery: 1998-08-17 / LINEAR / Socorro / 704

Sharika Hagan mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Lake Forest Charter School, New Orleans, Louisiana.

(13292) Hernandezmon = 1998 QT_{90}

Discovery: 1998-08-28 / LINEAR / Socorro / 704

Monica Hernandez mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Georgiana Bruce Kirby Preparatory School, Santa Cruz, California.

(13301) Hofsteen = 1998 RP_{19}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Alex Hofsteen mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. He teaches at the International School of Monterey, Seaside, California.

(13307) Taralarsen = 1998 RE_{59}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Tara Larsen mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Joaquin Moraga Intermediate School, Moraga, California.

(13308) Melissamayne = 1998 RL_{59}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Melissa Mayne mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Cambridge School, San Diego, California.

(13310) Nilvo = 1998 RX_{63}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Jennifer Nilvo mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the School of Dreams Academy, Los Lunas, New Mexico.

(13312) Orlowitz = 1998 RK_{68}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Barbara Orlowitz mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Andover School of Montessori, Andover, Massachusetts.

(13313) Kathypeng = 1998 RU_{68}

Discovery: 1998-09-14 / LINEAR / Socorro / 704

Kathy Peng mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Harker School, San Jose, California.

(13336) Jillpernell = 1998 SN_{114}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Jill Pernell mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the First Baptist Church School, Shreveport, Louisiana.

(13337) Sampath = 1998 SZ_{114}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Vimala Sampath mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Challenger School Ardenwood, Newark, California.

(13339) Williamsmith = 1998 SF_{123}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

William Smith mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. He teaches at the Discovery Middle School, Madison, Alabama.

(13341) Kellysweeney = 1998 ST_{123}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Kelly Sweeney mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Avon Grove Charter School, West Grove, Pennsylvania.

(13343) Annietaylor = 1998 SY_{127}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Annie Taylor mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Saint Adelaide Academy, Highland, California.

(13344) Upenieks = 1998 SD_{130}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Kerrie Upenieks mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Beehive Science & Technology Academy, Sandy, Utah.

(13349) Yarotsky = 1998 SD_{139}

Discovery: 1998-09-26 / LINEAR / Socorro / 704

Misty Yarotsky mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the Friendswood Junior High, Friendswood, Texas.

(13407) Ikukomakino = 1999 TF_4

Discovery: 1999-10-04 / K. Watanabe / Sapporo / 392

Ikuko Makino (1952–2021), a Japanese wildlife lover, recalled the impressive starry night in Tasmania when she visited to observe the native marsupials, especially wombats.

(20722) Aaronclevenson = 1999 XZ_{109}

Discovery: 1999-12-04 / CSS / Catalina / 703

Aaron Clevenson (b. 1955) is a retired astronomy professor at Lone Star College-Montgomery in Texas and the Observatory Director for the Insperity Observatory in the Humble Independent School District. He is the recipient of the Astronomical League (AL) Award for lifetime contributions to AL Observing Programs as a National Observing Program Director.

(22251) Eden = 1978 RT_6

Discovery: 1978-09-02 / C.-I. Lagerkvist / La Silla / 809

Eden Lagerkvist (b. 2017) is the granddaughter of the discoverer.

(24619) Danielarsham = 1979 DA

Discovery: 1979-02-26 / A. Mrkos / Kleť / 046

Daniel Arsham (b. 1980) is an American multidisciplinary artist who combines art, architecture and performance into his work. He creates art that imagines a future world from where we can re-examine our present, and he has exhibited around the world. His sculptures include Bronze Eroded Melpomene and Bronze Eroded Astronaut.

(28724) Stott = 2000 GG_{111}

Discovery: 2000-04-02 / LONEOS / Anderson Mesa / 699

Nicole Stott (b. 1962) is an American retired astronaut, aquanaut, engineer, and artist. She lived in space for 103 days (ISS Expedition 20 and ISS Expedition 21) and spent 18 days on the Aquarius undersea habitat. In 2018, she co-founded the Space for Art Foundation.

(35621) Lorius = 1998 JD_4

Discovery: 1998-05-15 / A. Galád, A. Pravda / Modra / 118

Claude Lorius (b. 1932) is a French glaciologist. With his research, which is based on his polar expeditions, mostly to Antarctica, he reconstructed climate changes over past millennia. He has publicized the threat of global warming, which arose as a result of human activity, for decades.

(44715) Paolovezzosi = 1999 TZ_5

Discovery: 1999-10-02 / A. Boattini, M. Tombelli / San Marcello / 104

Paolo Vezzosi (b. 1959) is an Italian amateur astronomer at the Gruppo Astrofili Montelupo. During public outreach events, he provides delicious cakes.

(45595) Inman = 2000 CK_{111}

Discovery: 2000-02-06 / CSS / Catalina / 703

Frederick John Inman (1934–2007) was an English actor best known for playing Mr Humphries in the British comedy *Are You Being Served?* (1972–1985), who went on to star in the Australian version of the same sitcom. In 1976 he was named both BBC TV Personality of the Year and *TV Times* readers' Funniest Man on Television.

(48295) Liamgroah = 2002 KW_6

Discovery: 2002-05-27 / NEAT / Palomar / 644

In celebration of his 18th birthday and graduation from high school, Liam Groah (b. 2005) is the grandson of the NEAT Principal Investigator, Raymond Bambery. “May his interest in science always stay fresh.”

(50727) Aliceverett = 2000 EO_{147}

Discovery: 2000-03-04 / CSS / Catalina / 703

Alice Everett (1865–1949) was a Scottish astronomer and engineer who began working as a computer on the Carte du Ciel project at the Greenwich Observatory in 1890. She spent five years in Potsdam, continuing to work on the Carte du Ciel, then spent a year at Vassar College. Later she became an engineer and she was a pioneer of television engineering.

(50728) Catherinestevens = 2000 ED_{148}

Discovery: 2000-03-04 / CSS / Catalina / 703

Catherine Octavia Stevens (1865–1959) was a British amateur astronomer and the first female Director of the British Astronomical Association's Meteor Section (1905–1911). In 1939 her occupation was listed as “Meteorologist Astronomer”. She was also interested in solar eclipses and studied the aurora borealis.

(50729) Fiammetta = 2000 ET_{148}

Discovery: 2000-03-04 / CSS / Catalina / 703

Fiammetta Wilson (1864–1920) was a prolific and dedicated meteor observer and amateur researcher with the British Astronomical Association. She recorded about 10 000 meteors, accurately calculating the paths of 650 of them, and in 1913 made an independent recovery of 20D/Westphal. Wilson was elected a Fellow of the Royal Astronomical Society in 1916.

(71555) Manuecharpentier = 2000 DY_{15}

Discovery: 2000-02-27 / CSS / Catalina / 703

Emmanuelle Marie Charpentier (b. 1968) is a French professor of microbiology, genetics and biochemistry at the Max Planck Institute for Infection Biology, Berlin. She was awarded the Nobel Prize in Chemistry in 2020 for the discovery of a method of genome editing through CRISPR.

(152830) Dinkinesh = 1999 VD_{57}

Discovery: 1999-11-04 / LINEAR / Socorro / 704

Dinkinesh is an Ethiopian appellation for the *Australopithecus afarensis* skeleton AL 288-1, also known as "Lucy", that was discovered in 1974 at Hadar, in the Awash Valley of Ethiopia. The nickname means "you are marvelous".

(189320) Lakitsferenc = 2006 YC_{14}

*Discovery: 2006-12-22 / K. Sárneczky * / Piszkéstető / 461*

Ferenc Lakits (1859–1919) was a Hungarian astronomer, teacher, and later the chief inspector of the state railways. He did considerable work in the field of astrochronology, his main contribution being the determination of the date of the Hungarian conquest on the basis of the solar eclipse observed in Byzantium in 891.

(199632) Mahlerede = 2006 GX_1

*Discovery: 2006-04-02 / K. Sárneczky * / Piszkéstető / 461*

Ede Mahler (1857–1945) was a Hungarian-Austrian orientalist, astronomer, archaeologist, corresponding member of the Hungarian Academy of Sciences, and founder of the Department of Egyptology at the University of Pest. During his travels in Egypt, he studied inscriptions and depictions of astronomical significance.

(220886) Lauren-Yuill = 2004 XE_{103}

Discovery: 2004-12-14 / CSS / Catalina / 703

Lauren M. Rankin-Yuill (b. 1986) is an American psychologist, artist and dancer. Her dissertation focused on issues in standardized assessment. She specializes in psychological assessment across the lifespan.

(221454) Mayerlambert = 2006 BW_8

*Discovery: 2006-01-23 / K. Sárneczky * / Piszkéstető / 461*

Ferenc Mayer-Lambert (1795–1865) was a German astronomer, university professor and director of the Gelléthegy Observatory at Buda. He worked on improving meteorological observations and made observations of 1P/Halley at its 1835 return and the newly-discovered Neptune.

(440794) Wytrzyszczak = 2006 OO_{14}

*Discovery: 2006-07-28 / Y. Ivashchenko * / Andrushivka / A50*

Iwona Wytrzyszczak (b. 1953) is a Polish astronomer who works at the Adam Mickiewicz University in Poznań. She is the author of numerous works in the field of celestial mechanics, fundamental astronomy and satellite geodesy.

(547705) Paálgyörgy = 2010 UG_{115}

*Discovery: 2010-10-31 / K. Sárneczky, Z. Kuli * / Piszkéstető / 461*

György Paál (1934–1992) was a Hungarian physicist and cosmologist. He made significant contributions to theories on the formation of galaxy clusters, the origin of the primordial universe and the expansion of the universe.

(551878) Stoeger = 2013 PF_2

*Discovery: 2012-02-29 / K. Černis, R. P. Boyle * / Mount Graham / 290*

William R. Stoeger (1943–2014) was an American Jesuit priest at the Vatican Observatory who developed ways to test different mathematical formalisms of cosmology by observation. He co-edited a notable series of academic conference proceedings on science and theology with colleagues at the Center for Theology and the Natural Sciences in Berkeley.

(560794) Ugoboncompagni = 2015 KB_{143}

*Discovery: 2012-11-23 / K. Černis, R. P. Boyle * / Mount Graham / 290*

Pope Gregory XIII (Ugo Boncompagni, 1502–1585) commissioned the Gregorian calendar, in use to this day. He built the Vatican's Tower of the Winds (Gregorian Tower) which included a meridian room, set up to demonstrate the need for this reform. This project was the first of a series of astronomical observatories sited at the Vatican.

(562971) Johannhagen = 2016 BG_{24}

*Discovery: 2012-02-23 / K. Černis, R. P. Boyle * / Mount Graham / 290*

Johann Georg Hagen (1847–1930) was an Austrian-American astronomer and Jesuit priest. He was Director at the Georgetown University Observatory (1888–1906) and the Vatican Observatory (1906–1930). Hagen devised several ingenious experiments at the Vatican to demonstrate the rotation of the Earth, directly confirming the theories of Copernicus and Galileo.

(565184) Janusz = 2017 BK_{129}

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

Robert M. Janusz (b. 1964) is a Polish Jesuit priest, philosopher and physicist noted for his study of stars clusters and interstellar matter using data taken in the Vilnius System at the Vatican Advanced Technology Telescope. His philosophical work is noted for its discussion of field theory, computer science, and the mathematical nature of the universe.

(575108) Doyrantsi = 2011 HK_{35}

Discovery: 2005-08-05 / NEAT / Palomar / 644

Doyrantsi is a village in northeastern Bulgaria, Shumen Province, where Sunay Ibryamov spent his childhood and became interested in astronomy. Through participation in the International Astronomical Search Collaboration (IASC), he found this asteroid.

(582928) Smriglio = 2016 CA_{217}

*Discovery: 2012-02-23 / K. Černis, R. P. Boyle * / Mount Graham / 290*

Filippo Smriglio (b. 1936) is an Italian astronomer and Director of the Astrophysical Station of Campo Imperatore (L'Aquila). He has studied the galactic distribution of relatively-cool stars and the abundance of iron in globular clusters.

(600379) Csortosgyula = 2011 UY_{400}

*Discovery: 2011-10-18 / K. Sárneczky, A. Szing * / Piszkéstető / F51*

Gyula Csortos (1883–1945) was a Hungarian stage and film actor who appeared in 80 films between 1912 and 1944. He was excellent in dramatic and comic roles, with his acerbic humor, eccentric personality and stage banter he was the *enfant terrible* of Hungarian theater.

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

P/2023 B1 (PANSTARRS)	*MPEC* 2023-B118
C/2023 A1 (Leonard)	*MPEC* 2023-B66
C/2022 Y2 (Lemmon	*MPEC* 2023-B225
C/2022 Y1 (Hogan)	*MPEC* 2023-A37
C/2022 W3 (Leonard)	*MPEC* 2023-A29
C/2022 W2 (ATLAS)	*MPEC* 2023-A28
C/2022 W1 (Rankin)	*MPEC* 2022-W159
453P/2022 V1 = P/2010 BN_{109} (WISE-Lemmon)	*MPEC* 2022-W148
454P/2022 U5 = P/2013 W3 (PANSTARRS)	*MPEC* 2022-W234
C/2022 U4 (Bok)	*MPEC* 2022-W158
C/2022 U3 (Bok)	*MPEC* 2022-V83
C/2022 U2 (ATLAS)	*MPEC* 2022-V66
C/2022 U1 (Leonard)	*MPEC* 2022-U343
C/2022 S5 (PANSTARRS)	*MPEC* 2022-V2
C/2022 S4 (Lemmon)	*MPEC* 2022-U170
C/2022 S3 (PANSTARRS)	*MPEC* 2022-T122
P/2022 S1 (PANSTARRS)	*MPEC* 2022-T89
C/2022 R6 (PANSTARRS)	*MPEC* 2022-V1
P/2022 R5 (PANSTARRS)	*MPEC* 2022-T88
P/2022 R4 (PANSTARRS)	*MPEC* 2022-T87
P/2022 R3 (Leonard)	*MPEC* 2022-S250
P/2022 R2 (ATLAS)	*MPEC* 2022-S87
P/2022 R1 (PANSTARRS)	*MPEC* 2022-R124
C/2022 QE_{78} (ATLAS)	*MPEC* 2022-U218
P/2022 Q2 (ATLAS)	*MPEC* 2022-R123
C/2022 P3 (ZTF)	*MPEC* 2022-R132

P/2022 P2 (ZTF)		*MPEC* 2022-Q201
C/2022 P1 (NEOWISE)		*MPEC* 2022-Q3
C/2022 O2 (PANSTARRS)		*MPEC* 2022-Q25
C/2022 O1 (ATLAS)		*MPEC* 2022-Q2
C/2022 N2 (PANSTARRS)		*MPEC* 2022-N48
C/2022 N1 (Attard-Maury)	*	*MPEC* 2022-N47
P/2022 M1 (LONEOS-PANSTARRS)		2022-09-03
C/2022 L4 (PANSTARRS)		*MPEC* 2022-M104
P/2022 L3 (ATLAS)		*MPEC* 2022-M97
C/2022 L2 (ATLAS)		*MPEC* 2022-M18
C/2022 J2 (Bok)		*MPEC* 2022-M98
447P/2021 R9 (Sheppard-Tholen)		*MPEC* 2022-O19
C/2021 QM_{45} (PANSTARRS)		*MPEC* 2022-N12
P/2020 MK_4 (PANSTARRS)		*MPEC* 2022-W78
P/2020 A4 (PANSTARRS-Lemmon)		*MPEC* 2022-P91
C/2019 G4 (PANSTARRS)		*MPEC* 2022-P69
C/2018 T2 (TESS)		*MPEC* 2022-Q126
444P/2016 PM_1 = P/2010 LK_{36} = P/2016 MD = P/2022 C4 (WISE-PANSTARRS)		*MPEC* 2022-M81
452P/2003 CC_{22} = P/2022 B5 (Sheppard-Jewitt)		*MPEC* 2022-V36

Recent Numberings

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
452P/2003 CC_{22} = P/2022 B5 (Sheppard-Jewitt)	*MPC* 158523
451P/2007 A2 = P/2006 WY_{182} = P/2022 S2 (Christensen)	*MPC* 158523
450P/2004 A1 = P/2022 Q3 (LONEOS)	*MPC* 158523
449P/2020 S6 = P/1987 A2 = P/2013 Y3 (Leonard)	*MPC* 158523
448P/2015 X1 = P/2022 Q1 = P/2008 T13 (PANSTARRS)	*MPC* 141922
447P/2021 R9 = P/2008 T14 (Sheppard-Tholen)	*MPC* 141922
446P/2012 O3 = P/2022 G2 (McNaught)	*MPC* 141173
445P/2014 R5 = P/1998 W9 = P/2006 S14 = P/2022 L5 (Lemmon-PANSTARRS)	*MPC* 141173
444P/2016 PM_1 = P/2010 LK_{36} = P/2016 MD = P/2022 C4 (WISE-PANSTARRS)	*MPC* 141173
443P/2022 E1 = P/2005 N11 = P/2015 PO_{210} (PANSTARRS-Christensen)	*MPC* 139977
442P/2011 Q3 = P/2022 G1 (McNaught)	*MPC* 139977
441P/2017 R1 = P/2022 B2 (PANSTARRS)	*MPC* 138400

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 23765 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. Elmgreen, *ex-officio* (IAU President)
- José Miguel Rodriguez Espinosa, *ex-officio* (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.