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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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Erratum

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.</i> 1, #1, 15	21	For Cosmo read <i>Cosmo</i> [(27005) citation]

New Names of Minor Planets

The following new names of minor planets have been approved by the WGSSN. 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.

(9656) Kurokawahiroki = 1996 DK₁

Discovery: 1996-02-23 / T. Kobayashi / Oizumi / 411

Hiroki Kurokawa (b. 1943), Kyoto University professor emeritus, is the former director of the Kwasan and Hida observatories. His research area is solar physics by optical observation. He founded NPO Kwasan Astro Network for the popularization of astronomy.

(10629) Krishnamani = 1998 BK₁₁

Discovery: 1998-01-23 / LINEAR / Socorro / 704

Preeti Sai Krishnamani (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her plant sciences project. She attended the Charter School of Wilmington, Wilmington, Delaware.

(10635) Chiragkumar = 1998 QH₈

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

Chirag Kumar (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his earth and planetary project. He attended the Horace Greeley High School, Chappaqua, New York.

(10640) Varunkumar = 1998 WU₁₉

Discovery: 1998-11-25 / LINEAR / Socorro / 704

Varun Kumar (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his medicine and health project. He attended the Bergen County Academies, Hackensack, New Jersey.

(10922) Thomaslam = 1998 BG₂

Discovery: 1998-01-20 / LINEAR / Socorro / 704

Thomas Lam (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his mathematics project. He attended the Syosset High School, Syosset, New York.

(10923) Gabrielleliu = 1998 BM₁₂

Discovery: 1998-01-23 / LINEAR / Socorro / 704

Gabrielle Kaili-May Liu (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her computer science project. She attended the Ravenwood High School, Brentwood, Tennessee.

(10939) Maheshwari = 1999 CJ₁₉

Discovery: 1999-02-10 / LINEAR / Socorro / 704

Eish Maheshwari (b. 2002) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his medicine and health project. He attended the Herricks High School, New Hyde Park, New York.

(10941) Mamidala = 1999 CD₇₉

Discovery: 1999-02-12 / LINEAR / Socorro / 704

Sai Preethi Mamidala (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her chemistry project. She attended the Garnet Valley High School, Glen Mills, Pennsylvania.

(10942) Natashamaniar = 1999 CN₈₃

Discovery: 1999-02-10 / LINEAR / Socorro / 704

Natasha M. Maniar (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her computational biology and bioinformatics project. She attended the Harker School, San Jose, California.

(11170) Bradenmilford = 1998 FY₃₄

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

Braden Nicholas Milford (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his environmental science project. He attended the Cascia Hall Preparatory School, Tulsa, Oklahoma.

(11178) Emmajoy = 1998 FR₁₀₁

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

Emma Joy Montgomery (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her bioengineering project. She attended the Ossining High School, Ossining, New York.

(11179) Ahmadperez = 1998 FB₁₀₉

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

Ahmad Amin Perez (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his environmental science project. He attended the Brentwood High School - Sonderling Center, Brentwood, New York.

(11180) Brentperlman = 1998 FU₁₁₇

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

Brent Perlman (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his bioengineering project. He attended the Byram Hills High School, Armonk, New York.

(11210) Kevinqian = 1999 GP₂₂

Discovery: 1999-04-06 / LINEAR / Socorro / 704

Kevin Chengming Qian (b. 2000) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his physics project. He attended the Montgomery Blair High School, Silver Spring, Maryland.

(11211) Saxena = 1999 GD₂₄

Discovery: 1999-04-06 / LINEAR / Socorro / 704

Eshika Saxena (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her computer science project. She attended the Interlake High School, Bellevue, Washington.

(11214) Ruhisayana = 1999 HP₈

Discovery: 1999-04-16 / LINEAR / Socorro / 704

Ruhi Sayana (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her medicine and health project. She attended the Harker School, San Jose, California.

(11230) Deschaffer = 1999 JV₅₇

Discovery: 1999-05-10 / LINEAR / Socorro / 704

Daniel Edwin Schaffer (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his genomics project. He attended the Montgomery Blair High School, Silver Spring, Maryland.

(11231) Schiavo = 1999 JF₅₉

Discovery: 1999-05-10 / LINEAR / Socorro / 704

Justin D. Schiavo (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his engineering project. He attended the Roslyn High School, Roslyn Heights, New York.

(11367) Rachelseevers = 1998 HJ₁₁₅

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

Rachel Seevers (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her engineering project. She attended the Paul Laurence Dunbar High School, Lexington, Kentucky.

(11372) Aditisingh = 1998 QP₄₁

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

Aditi Singh (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her behavioral and social sciences project. She attended the Horace Greeley High School, Chappaqua, New York.

(11380) Amolsingh = 1998 SK₁₀₀

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

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

(11382) Juliasitu = 1998 SW₁₂₇

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

Julia Situ (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her cellular and molecular biology project. She attended the Canyon Crest Academy, San Diego, California.

(11407) Madsubramanian = 1999 CV₅₀

Discovery: 1999-02-10 / LINEAR / Socorro / 704

Madhav Subramanian (b. 2000) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his cellular and molecular biology project. He attended the Jericho Senior High School, Jericho, New York.

(11418) Williamwang = 1999 JN₁₁₈

Discovery: 1999-05-13 / LINEAR / Socorro / 704

William Wang (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his materials science project. He attended the Oklahoma School of Science and Mathematics, Oklahoma City, Oklahoma.

(11420) Zoeweiss = 1999 KR₁₄

Discovery: 1999-05-18 / LINEAR / Socorro / 704

Zoe Weiss (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her computational biology and bioinformatics project. She attended the Lakeside High School, Atlanta, Georgia.

(11686) Samuelweissman = 1998 FU₃₆

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

Samuel Weissman (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his cellular and molecular biology project. He attended the Harriton High School, Rosemont, Pennsylvania.

(11689) Frankxu = 1998 FA₅₆

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

Frank Z. Xu (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for his biochemistry project. He attended the Brookline High School, Brookline, Massachusetts.

(11701) Madeleineyang = 1998 FY₁₁₆

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

Madeleine L. Yang (b. 2001) was a finalist in the 2019 Regeneron Science Talent Search, a science competition for high school seniors, for her bioengineering project. She attended the Detroit Country Day School, Beverly Hills, Michigan.

(12249) Hannorein = 1988 SH₂

Discovery: 1988-09-16 / S. J. Bus / Cerro Tololo / 807

Hanno Rein (b. 1983) is a German dynamicist and associate professor at the University of Toronto. He develops numerical methods for integrating the motions of gravitationally interacting systems, both within our Solar System and beyond. He created the widely used REBOUND N-body package and the iOS outreach app Exoplanet.

(12995) Wendellmendell = 1981 EY₂₇

Discovery: 1981-03-02 / S. J. Bus / Siding Spring / 413

Wendell W. Mendell (b. 1941) is an American planetary scientist who worked for NASA for over 50 years, conducting lunar and planetary geological remote sensing, and working toward a permanent human base on the Moon. He helped to establish the International Space University.

(12997) Lizjensen = 1981 EV₂₉

Discovery: 1981-03-02 / S. J. Bus / Siding Spring / 413

Elizabeth A. Jensen (b. 1975) is an American space scientist who developed a method of studying solar corona structure using the Faraday effect. She measures the solar magnetic field and studies the dynamics of coronal mass ejections and magnetohydrodynamic waves by analyzing radio signals from interplanetary spacecraft.

(15882) Dingzhong = 1997 CF₂₉

Discovery: 1997-02-07 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Founded in 1902, Dingzhou High School, known by the abbreviation Dingzhong, is a high school in Hebei Province, and is listed among the top 100 high schools in China. More than 100 000 students have graduated since the establishment of Dingzhong.

(16649) Masayasu = 1993 TY₁

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

Masayasu Miyahara (b. 1954) is a Japanese amateur astronomer who has been observing Jupiter for 50 years. He started by making sketches of Jupiter by eye and now makes images of the planet's cloud tops by combining many individual frames.

(17365) Thymbraeus = 1978 VF₁₁

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

Thymbraeus was one of the two sons of Laocoön who was killed by sea serpents sent to punish the father for attempting to warn the Trojans about the danger of the wooden horse left by the Greeks. The scene is immortalized in an ancient sculpture, the *Gruppo del Laocoonte* on display in the Vatican.

(20001) Marinakoren = 1991 CM

Discovery: 1991-02-05 / M. Arai, H. Mori / Yorii / 875

Marina Koren (b. 1990) is an American science writer whose work appears in *The Atlantic*. She covers the full range of space topics, writing with intelligence and humor. Her writing appeared in the 2021 edition of the *Best American Science and Nature Writing* and received an honorable mention for the National Press Club's 2020 Michael A. Dornheim Award.

(22397) Minobe = 1994 VV₂

Discovery: 1994-11-04 / K. Endate, K. Watanabe / Kitami / 400

Tatsuo Minobe (b. 1946) is a Japanese amateur astronomer and director of the Tachibana Observatory in Miyakonojo City, Miyazaki Prefecture. He is a keen popularizer of astronomy, well known throughout his home province. His major interests include observing comets and planets.

(23448) Yasudakeshi = 1988 BG

Discovery: 1988-01-18 / M. Matsuyama, K. Watanabe / Kushiro / 399

Takeshi Yasuda (b. 1968) is a Japanese amateur astronomer and an astronomy curator at the Himeji City Science Museum in Hyogo Prefecture. One of the leaders of the planetarium community in Hyogo, he was president of the Japan Public Observatory Society from 2018 to 2021.

(24414) Anzhenhosp = 2000 AJ₂₄₆

Discovery: 2000-01-13 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Founded in 1984 by Yingkai Wu, the founder of thoracic and cardiovascular surgery in China, Beijing Anzhen Hospital is a general hospital with a special focus on the treatment of cardiopulmonary vascular diseases. As the National Clinical Research Center for Cardiovascular Disease, it plays a leading role in the cardiovascular field in China.

(44360) Ferlet = 1998 SK₁₀

Discovery: 1998-09-18 / ODAS / Caussols / 910

Roger Ferlet (b. 1948) is a French astrophysicist using UV and visible-light spectroscopy to study interstellar abundances, exoplanets atmospheres, and the β Pic system and its exo-comets. He was involved in the first discovery of a microlensing event. He contributes to public outreach and was President of the Société astronomique de France.

(44570) Yuribeletsky = 1999 FX₅

Discovery: 1999-03-16 / ODAS / Caussols / 910

Yuri Beletsky (b. 1976) is a Belarusian professional astronomer and astrophotographer living in Chile. He is best known for his work in astronomical and nightscape photography.

(46748) Giusacayrel = 1998 DN₂₃

Discovery: 1998-02-27 / ODAS / Caussols / 910

Giusa Cayrel (1920–2012) was the first woman astronomer appointed at Padova University, Italy. In 1947 she precisely determined the latitude of the Asiago Observatory. During her career at Paris Observatory she worked on the evolution of the Milky Way through the detailed analysis of stellar spectra. She was a pioneer in the study of solar twins.

(46917) Rogercayrel = 1998 SA

Discovery: 1998-09-16 / ODAS / Caussols / 910

Roger Cayrel (1925–2021) was a French astronomer internationally recognised as a pioneer in the study of stellar atmospheres. He has provided outstanding contributions in theoretical astrophysics, as well as in the understanding of the oldest stars and chemical evolution of the Milky Way. He was the first director of the Canada-France-Hawaii Telescope.

(46991) Carolinesoubiran = 1998 TU₁₇

Discovery: 1998-10-14 / ODAS / Caussols / 910

Caroline Soubiran (b. 1962) is a French astronomer working at the Laboratoire d'Astrophysique de Bordeaux on the kinematics and chemical composition of stars in the Milky Way. She is an active member of several astronomical collaborations and surveys, including Gaia. She has produced several catalogues of reference stars for spectroscopic studies.

(47018) Chopinet = 1998 VT₄

Discovery: 1998-11-11 / ODAS / Caussols / 910

Marguerite Chopinet (1920–2022) was a French astronomer and the first woman astronomer at Bordeaux Observatory. She studied planetary nebulae with the Lallemand Electronic camera and was one of the pioneers who have paved the way for female astronomers.

(47040) Nathbrouillet = 1998 WB₃

Discovery: 1998-11-19 / ODAS / Caussols / 910

Nathalie Brouillet (b. 1963) is a French radio astronomer at the Laboratoire d'Astrophysique de Bordeaux and a specialist in the study of the molecular content of interstellar clouds. She is very involved in scientific outreach and the preservation of astronomical heritage.

(50275) Marcocasalini = 2000 CU₁

Discovery: 2000-02-04 / M. Tombelli, A. Boattini / San Marcello / 104

Marco Casalini (b. 1966) is an Italian amateur astronomer and a member of the Gruppo Astrofili Montelupo. He is involved in the maintenance of the Beppe Forti Astronomical Observatory in Montelupo Fiorentino.

(65866) Wynneozrics = 1997 PA₄

Discovery: 1997-08-10 / G. R. Viscome / Rand / 816

Edward Wynne (b. 1961) is an English guitarist and keyboardist. He is a founding member of, and principal composer for, the eclectic music group Ozric Tentacles (aka The Ozrics). This naming also commemorates all musicians who are or have been members of this band.

(112340) Davidegaddi = 2002 NN₆

*Discovery: 2002-07-11 / F. Bernardi * / Campo Imperatore / 599*

Davide Gaddi (b. 1971) is the owner of the dog Pimpa who discovered the Cavezzo meteorite on 2020 Jan. 4, about three days after the fall. Davide donated the meteorite to the Italian National Institute for Astrophysics for analysis and classification.

(113621) Danielafaggi = 2002 TA₆₂

Discovery: 2002-10-03 / CINEOS / Campo Imperatore / 599

Daniela Faggi (b. 1982) is an Italian geologist and is the Curator of the Museum of Planetary Science in Prato, Italy. She is responsible for the conservation of the Museum's Meteorite Collection, the acquisition of new specimens, and the educational and cultural enhancement of meteorites. She is also involved in field research of meteorites.

(113622) Serafinacarpino = 2002 TE₆₂

Discovery: 2002-10-03 / CINEOS / Campo Imperatore / 599

Serafina Carpino (b. 1971) is an Italian astronomer who has dedicated her career to spreading planetary sciences in schools through teaching and multiple educational activities. For many years, she has been working to improve accessibility and inclusivity in scientific museums and, in particular, in the dissemination of planetary science.

(113683) Robertoornella = 2002 TB₁₁₁

*Discovery: 2002-10-02 / M. Tombelli, F. Bernardi * / Campo Imperatore / 599*

Roberto Marconcini (b. 1966) is an Italian musician. A surveyor by profession, he studied music in Ferrara and graduated in composition and as an organ master. In Florence, he graduated as a harpsichord master. Roberto often performs at the Observatory Beppe Forti with Ornella Alderighi (b. 1967), his pianist wife, who also studied in Ferrara.

(113684) Giannagianni = 2002 TG₁₁₁

*Discovery: 2002-10-02 / M. Tombelli, F. Bernardi * / Campo Imperatore / 599*

Gianna Gianni (1963–2020) was an Italian amateur astronomer. She was the photographer at the Gruppo Astrofili Montelupo for several years.

(182730) Muminovic = 2001 WX₁₀₃

Discovery: 2001-11-21 / Sloan Digital Sky Survey / Apache Point / 645

Muhamed Muminović (b. 1948) is an astronomer, educator and the most prolific author of astronomical literature in Bosnia and Herzegovina. He played a central role in the development of the Čolina kapa Observatory at the Trebević mountain near Sarajevo and initiated numerous astronomical outreach activities in the region.

(202599) Harkányi = 2006 HS₁₈

*Discovery: 2006-04-24 / K. Sárneczky * / Pizskéstető / 461*

Béla Harkányi (1869–1932) was a Hungarian astrophysicist, mathematician and chief observer at the Astrophysical Observatory in Ogyalla. He was the first to determine the surface temperature of stars using Planck's formula, and developed a method for determining the diameters of stars. He also wrote many popular papers.

(218274) Albertferenc = 2003 FL₇

*Discovery: 2003-03-29 / K. Sárneczky * / Pizskéstető / 461*

Ferenc Albert (1811–1883) was a Hungarian astronomer, head of the Buda Observatory, and later director of the Eger Archbishop's Observatory. He was a professor of astronomy and geodesy at the University of Pest. He wrote several textbooks and articles on astronomy, meteorology and physics and edited many calendars.

(231368) Hunfalvy = 2006 HF₁₈

*Discovery: 2006-04-22 / K. Sárneczky * / Pizskéstető / 461*

János Hunfalvy (1820–1888) was a geographer, university professor, full member of the Hungarian Academy of Sciences and founder of Hungarian scientific geography. He was one of the founding members of the Hungarian Geographical Society (1872) and was its president until his death.

(241368) Hildjózsef = 2008 DL

*Discovery: 2008-02-24 / K. Sárneczky * / Pizskéstető / 461*

József Hild (1789–1867) was a Hungarian architect. He was one of the greatest figures of Hungarian classicist architecture, and played a decisive role in shaping the image of 19th century Pest. His most important works were built after the 1838 floods in Pest, and he received approval for approximately 900 designs.

(281067) Barmby = 2006 KU₁₃₀

Discovery: 2006-05-25 / P. A. Wiegert / Mauna Kea / 568

Pauline Margaret Barmby (b. 1972) is a Canadian astronomer known for her work on star formation and stellar populations in nearby galaxies. She obtained her PhD from Harvard in 2001 on globular clusters in the Andromeda Galaxy. She became the Chair of the Department of Physics and Astronomy at the University of Western Ontario in London Canada in 2022.

(282630) Caroljones = 2005 RL₅₀

Discovery: 2005-09-03 / P. A. Wiegert / Mauna Kea / 568

Carol Evelyn Jones née Millar (b. 1958) is a Canadian astronomer whose research focuses on circumstellar disk-like distributions of material, computational astrophysics, emission-line stars and Be stars. She was the Chair of the International Astronomical Union's Division G Working Group on Active B stars from 2015 to 2021.

(290156) Houde = 2005 QL₁₈₃

Discovery: 2005-08-27 / P. A. Wiegert / Mauna Kea / 568

Martin Houde (b. 1963) is a Canadian astronomer studying the physical processes involved in the formation of stars. He completed his PhD in Physics at the Université de Montréal in 2001. His research spans magnetic fields and turbulence in molecular clouds, the polarization of molecular spectral lines, astronomical instrumentation and super-radiance.

(290181) Sigut = 2005 RZ₅₀

Discovery: 2005-09-03 / P. A. Wiegert / Mauna Kea / 568

Thomas Allan Aaron Sigut (b. 1966) is a Canadian astronomer who completed his PhD at the University of Toronto on infrared Rydberg transitions in B stars in 1995. He is known for his research on circumstellar disks around hot stars, classical Be stars, Herbig Ae/Be stars and non-LTE radiative transfer as applied to precise stellar abundance determinations.

(296930) McLaren = 2010 CB₁₈₁

Discovery: 2010-02-13 / Pan-STARRS 1 / Haleakala / F51

Robert A. McLaren (b. 1946) is a Canadian astronomer who began his career at the University of Toronto in infrared astronomy. He subsequently served as director of the CFHT and then as associate director of the University of Hawaii Institute for Astronomy, where he focused his efforts on the development of astronomy facilities on Maunakea.

(296945) Ronaldlaub = 2010 DD₇₈

Discovery: 2010-02-16 / Pan-STARRS 1 / Haleakala / F51

Ronald L. Laub (b. 1937) dedicated his career to astronomy in the United States. After 22 years as site supervisor at Lick Observatory, he transferred to Keck Observatory where he was facility supervisor. After 2004, he continued to serve astronomy in the critical role of preserving the dark skies in Hawaii via tireless advocacy with citizens and officials.

(331371) Jockers = 2012 DR₅₃

Discovery: 2001-02-16 / ADAS / Cima Ekar / 209

Klaus Jockers (b. 1940) of the Max-Planck-Institut für Sonnensystemforschung is a German astrophysicist. He has made significant contributions to the fields of planetary and solar physics with his theoretical and observational work on the solar wind and the formation of cometary comae and tails.

(353677) Harald = 2011 UV₂₃₅

Discovery: 2002-01-18 / ADAS / Cima Ekar / 209

Harald Michaelis (b. 1957) of the Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) has been the head of the Planetary Sensor Systems Department for nearly three decades. He has been responsible for the development of scientific instruments for many planetary missions by ESA, NASA and JAXA.

(546235) Kolbenheyer = 2010 UK₂₉

*Discovery: 2010-10-28 / S. Kürti, K. Sárneczky * / Piskésetető / 461*

Tibor Kolbenheyer (1917–1993) was a Slovakian-Hungarian geophysicist, astrophysicist, and a full member of the Slovak Academy of Sciences. His work contributed significantly to the establishment of modern geophysical research in Slovakia. He mainly studied gravitational anomalies and carried out extensive gravimetric research.

(547612) Károligáspár = 2010 TA₁₉₃

*Discovery: 2010-10-11 / K. Sárneczky, G. Mező * / Piskésetető / 461*

Gáspár Károli (1529–1592) was a Hungarian Calvinist pastor, author of the first complete Hungarian translation of the Bible. He began work in 1586, and with the help of six fellow pastors, he quickly completed the work. The printing of the Károli Bible began in early 1589 and was completed a year and a half later.

(549418) Andreifesenko = 2011 HF₆₁

*Discovery: 2009-09-23 / T. V. Kryachko, B. Satovski * / Zelenchukskaya Stn / 114*

Andrei Fesenko (b. 1967) is a Russian astronomer, astroarchaeologist and lecturer at both the Moscow State Institute of Culture and the Maksimachev Planetarium.

(550083) Szécsényi-Nagy = 2011 YL₈₅

*Discovery: 2011-12-31 / K. Sárneczky, A. Szing * / Piskésetető / 461*

Gábor Szécsényi-Nagy (1948–2012) was a Hungarian astronomer, professor at Eötvös Loránd University, and author of numerous popular science books. His main fields of research were the study of the physical and chemical composition of comets and the flare activity and galactic distribution of red dwarf stars.

(561490) Tonyforward = 2015 TH₁₆₈

Discovery: 2011-09-26 / N. Falla / Mayhill / H06

Tony Forward (b. 1979) is a British finance professional. Through his work he leads an apprenticeship scheme providing opportunities for young people to build a career. He was previously a foster carer, supporting vulnerable children within his local community. Tony is the son-in-law of the discoverer.

(567010) Kanyósándor = 2018 VS₁₀₄

*Discovery: 2011-03-07 / K. Sárneczky, J. Kelemen * / Piskésetető / 461*

Sándor Kanyó (1932–2016) was a Hungarian physicist, astronomer and university lecturer. He worked at the Konkoly Observatory for more than three decades, and was head of the variable star division for several years. His main field of research was the study of the Blazhko effect in RR Lyrae stars..

(589841) Strobl = 2010 UP₂₉

*Discovery: 2010-10-28 / S. Kürti, K. Sárneczky * / Piskésetető / 461*

Alajos Strobl (1856–1926) was a sculptor and painter, a leading figure in Hungarian sculpture at the turn of the century, and for forty years he was one of Hungary's busiest monument sculptors. His sculptures still decorate Hungarian public spaces and memorial sites.

(618349) Williekoorts = 2017 SB₁₇

Discovery: 2017-09-25 / ATLAS / Haleakala / T05

Willem P. (“Willie”) Koorts (b. 1958) retired from the South African Astronomical Observatory in 2023. His expertise comprised CCDs, cryostats, general electronics, and mechanics for nearly every telescope on-site. He was instrumental in the construction of the NEO-hunting ATLAS telescope in Sutherland and was dedicated to public outreach in all forms.

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 B3 (PANSTARRS)	<i>MPEC 2023-D10</i>
C/2023 B2 (ATLAS)	<i>MPEC 2023-C44</i>
P/2023 B1 (PANSTARRS)	<i>MPEC 2023-B118</i>
C/2023 A2 (SWAN)	<i>MPEC 2023-D49</i>
C/2023 A1 (Leonard)	<i>MPEC 2023-B66</i>
C/2022 Y2 (Lemmon)	<i>MPEC 2023-B225</i>
C/2022 Y1 (Hogan)	<i>MPEC 2023-A37</i>
C/2022 W3 (Leonard)	<i>MPEC 2023-A29</i>
C/2022 W2 (ATLAS)	<i>MPEC 2023-A28</i>
C/2022 W1 (Rankin)	<i>MPEC 2022-W159</i>
453P/2022 V1 = P/2010 BN ₁₀₉ (WISE-Lemmon)	<i>MPEC 2022-W148</i>
454P/2022 U5 = P/2013 W3 (PANSTARRS)	<i>MPEC 2022-W234</i>
C/2022 U4 (Bok)	<i>MPEC 2022-W158</i>
C/2022 U3 (Bok)	<i>MPEC 2022-V83</i>
C/2022 U2 (ATLAS)	<i>MPEC 2022-V66</i>
C/2022 U1 (Leonard)	<i>MPEC 2022-U343</i>
C/2022 T1 (Lemmon)	<i>MPEC 2023-C52</i>
C/2022 S5 (PANSTARRS)	<i>MPEC 2022-V2</i>
C/2022 S4 (Lemmon)	<i>MPEC 2022-U170</i>
C/2022 S3 (PANSTARRS)	<i>MPEC 2022-T122</i>
P/2022 S1 (PANSTARRS)	<i>MPEC 2022-T89</i>
C/2022 R6 (PANSTARRS)	<i>MPEC 2022-V1</i>
P/2022 R5 (PANSTARRS)	<i>MPEC 2022-T88</i>
P/2022 R4 (PANSTARRS)	<i>MPEC 2022-T87</i>
P/2022 R3 (Leonard)	<i>MPEC 2022-S250</i>
P/2022 R2 (ATLAS)	<i>MPEC 2022-S87</i>

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
447P/2021 R9 (Sheppard-Tholen)		MPEC 2022-O19
C/2021 QM ₄₅ (PANSTARRS)		MPEC 2022-N12
P/2021 PE20 (ATLAS)		MPEC 2023-C66
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 S3 (TESS)		MPEC 2023-D54
C/2018 T2 (TESS)		MPEC 2022-Q126
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 23837 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 Rodríguez 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.

