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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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Editorial Notice

The *WGSBN Bulletin Yearbook 2022* will be published on February 1, and is now available for pre-ordering. The book is a printed collection of the 16 *WGSBN Bulletins* issued in 2022, and contains 276 pages. Name- and number-order indexes of the new namings are also included. Further details, including an order form and information on the ordering process, can be obtained from https://www.wgsbn-iau.org/WGSBNPublishing.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 second column (in the *MPC*s).

Reference	Line(s)	
MPC 17030	–22	*For* Ehldar *read* Eldar [(4258) citation]
MPC 18454	–15	*For* Loránt *read* Lóránt [(3892) citation]
MPC 21129	18	*For* Groegler read Grögler [(2565) citation]
MPC 21129	31	*For* upupidae *read* Upupidae [(2868) citation]
MPC 39654	–33	*For* V. J. Judovich *read* V. I. Yudovich [(10324) citation]
Bull. **1**, #1, 10	– 3	*For* populizer *read* popularizer [(8639) citation]
Bull. **1**, #1, 15	20	*For* radioastronomy *read* radio astronomy [(27005) citation]
Bull. **1**, #1, 18	– 8	*For* aircrafts *read* aircraft [(48200) citation]
Bull. **1**, #1, 23	– 2	*For* archaoastronomy *read* archaeoastronomy [(214863) citation]
Bull. **1**, #10, 7	–23	*For* travelling *read* traveling [(542461) citation]
Bull. **1**, #10, 7	–22	*For* beatiful *read* beautiful [(542461) citation]
Bull. **1**, #12, 9	–12	*For* Garbiel *read* Gabriel [(337700) citation]
Bull. **1**, #12, 10	– 6	*For* nucleii *read* nuclei [(541582) citation]
Bull. **1**, #13, 8	6	*For* diphteria *read* diphtheria [(17167) citation]
Bull. **2**, #5, 7	6	*For* centre *read* center [(10112) citation]
Bull. **2**, #5, 11	4	*For* bullwacker *read* bullwhacker [(107561) citation]

Bull. **2**, #8, 10	4	*For* radioastronomy *read* radio astronomy [(40081) citation]
Bull. **2**, #12, 14	–11	*For* Palomar / 675 *read* Siding Spring / 260 [(321802) discovery site] This error also occurred when the object was numbered (*MPC* 78641 and *MPO* 222611). The erratum on *Bull*. **2**, #13, 5 listed the wrong Siding Spring code.
Bull. **2**, #13, 7	11	*For* travelled *read* traveled [(29898) 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.

(12209) Jennalynn = 1981 EF_{37}

Discovery: 1981-03-11 / S. J. Bus / Siding Spring / 413

Jenna Lynn Jones (née Crowell, b. 1984) received her PhD in physics from the University of Central Florida in 2018. Her dissertation involved shape modeling and analysis of thermal observations of near-Earth asteroid (1627) Ivar. Jenna has been active in outreach activities involving the public and school children in the fields of astronomy and physics.

(12589) Davidanand = 1999 RR_{114}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

David Livingstone Anand (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He is homeschooled in Akron, Ohio.

(12590) Ballantine = 1999 RN_{125}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

Mary Shea Ballantine (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her microbiology and biochemistry project. She attended the Saint Francis of Assisi Catholic School, Louisville, Kentucky.

(12591) Bergey = 1999 RT_{133}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

Rachel Hope Bergey (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her animal science project. She is homeschooled in Harleysville, Pennsylvania.

(12592) Brianchen = 1999 RD_{134}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

Brian Chen (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his plant science project. He attended the Harker School, San Jose, California.

(12594) Sidorclare = 1999 RU_{145}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

Sidor Daas Clare (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her materials & bioengineering project. She attended the Beehive Science & Technology Academy, Sandy, Utah.

(12597) Williamdaniel = 1999 RL_{158}

Discovery: 1999-09-09 / LINEAR / Socorro / 704

William Wade Daniel (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his animal science project. He attended the First Baptist Church School, Shreveport, Louisiana.

(12856) Autridas = 1998 HH_{93}

Discovery: 1998-04-21 / LINEAR / Socorro / 704

Autri A. Das (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her chemistry project. She attended the Stoller Middle School, Portland, Oregon.

(12857) Johandemessie = 1998 HQ_{97}

Discovery: 1998-04-21 / LINEAR / Socorro / 704

Johan DeMessie (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He attended the Mason Middle School, Mason, Ohio.

(12864) Ryandrake = 1998 KB_{55}

Discovery: 1998-05-23 / LINEAR / Socorro / 704

Ryan Edward Drake (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He attended the Rancho Christian School, Temecula, California.

(12869) Ejiaga = 1998 MR_{32}

Discovery: 1998-06-24 / LINEAR / Socorro / 704

Lauren U. C. Ejiaga (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her plant science project. She attended the Lake Forest Charter School, New Orleans, Louisiana.

(12876) Estrada = 1998 QR_{10}

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

Pauline Victoria Allasas Estrada (b. 2007) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her plant science project. She attended the Fugman Elementary School, Fresno, California.

(12877) Rylangardner = 1998 QF_{11}

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

Rylan Lee Gardner (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his physics project. He attended the Franklin Junior High School, Mesa, Arizona.

(12883) Gassler = 1998 QY_{32}

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

Alaina Miriam Gassler (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her electrical and mechanical engineering project. She attended the Avon Grove Charter School, West Grove, Pennsylvania.

(12885) Hannahguan = 1998 QM_{34}

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

Hannah Guan (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her medicine and health sciences project. She attended the BASIS San Antonio Shavano Campus, San Antonio, Texas.

(12891) Kassandraholt = 1998 QH_{51}

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

Kassandra Rose Holt (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her materials & bioengineering project. She attended the Beehive Science & Technology Academy, Sandy, Utah.

(12900) Rishabjain = 1998 RP_{28}

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

Rishab Kumar Jain (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his medicine and health sciences project. He attended the Stoller Middle School, Portland, Oregon.

(12903) Isabellekatz = 1998 RK_{57}

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

Isabelle Sophia Katz (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her physics project. She attended the Joaquin Moraga Intermediate School, Moraga, California.

(12906) Alexismacavoy = 1998 RS_{72}

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

Alexis Tea MacAvoy (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her chemistry project. She attended the Crocker Middle School, Hillsborough, California.

(12907) Giannanilvo = 1998 RV_{79}

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

Gianna Gabrielle Nilvo (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her animal science project. She attended the School of Dreams Academy, Los Lunas, New Mexico.

(12915) Rinoliver = 1998 SL_{161}

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

Rinoa Jacqueline Oliver (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her behavioral and social sciences project. She attended the Georgiana Bruce Kirby Preparatory School, Santa Cruz, California.

(12924) Madisonicole = 1999 RK_{21}

Discovery: 1999-09-07 / LINEAR / Socorro / 704

Madison Nicole Perkins (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her environmental and earth sciences project. She attended the Gilmer Intermediate School, Gilmer, Texas.

(12993) Luisafernanda = 1981 EP_{27}

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

Luisa Fernanda Zambrano-Marin (b. 1982) has worked at the Arecibo Observatory since 2012 as a radar astronomer and an educator. She is a space enthusiast and founder of the Arecibo Observatory Science Academy, inspiring high-school students to study science by carrying out research projects in astronomy, ecology, environmental studies and sociology.

(13232) Prabhakar = 1998 FM_{54}

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

Ashwin Prabhakar (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He attended the Discovery Middle School, Madison, Alabama.

(13243) Randhahn = 1998 KZ_{47}

Discovery: 1998-05-22 / LINEAR / Socorro / 704

Mercedes Claire Randhahn (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her chemistry project. She attended the Saint Joseph Catholic Middle School, Ogden, Utah.

(13246) Hannahshu = 1998 MJ_{33}

Discovery: 1998-06-24 / LINEAR / Socorro / 704

Hannah T. Shu (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her physics project. She attended the International School of Monterey, Seaside, California.

(13247) Tianshi = 1998 MW_{34}

Discovery: 1998-06-24 / LINEAR / Socorro / 704

Kyle Preston Tianshi (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He attended the Cambridge School, San Diego, California.

(13257) Seanntorres = 1998 QT_8

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

Seann Richard Torres (b. 2004) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his environmental and earth sciences project. He attended the Saint Adelaide Academy, Highland, California.

(13261) Ganeshvenu = 1998 QM_{16}

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

Ganesh Venu (b. 2005) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for his plant science project. He attended the Friendswood Junior High, Friendswood, Texas.

(13262) Ruhiyusuf = 1998 QF_{17}

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

Ruhi Yusuf (b. 2006) was a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students, for her plant science project. She attended the Challenger School Ardenwood, Newark, California.

(13266) Maiabland = 1998 QY_{30}

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

Maia Bland mentored a finalist in the 2019 Broadcom MASTERS, a math and science competition for middle-school students. She teaches at the BASIS San Antonio Shavano Campus, San Antonio, Texas.

(17410) Zitarrosa = 1988 CQ_4

Discovery: 1988-02-13 / E. W. Elst / La Silla / 809

Alfredo Zitarrosa (1936–1989) was a Uruguayan singer-songwriter, journalist and poet. He was an iconic figure in Uruguay and one of the most influential figures of Latin American popular music. Many of his most loved songs highlighted the social crises and the struggles of the oppressed claiming for social justice.

(17429) Ianhowarth = 1989 GD_1

Discovery: 1989-04-03 / E. W. Elst / La Silla / 809

Ian Howarth (b. 1954) is a British astronomer who has devoted his professional life to astronomy in research, teaching, administration and outreach. He has contributed to research council committees and has played a major part in the scientific direction of the Royal Astronomical Society as Senior Secretary, and as Vice-President.

(21657) Alinecarter = 1999 PZ_1

Discovery: 1999-08-10 / J. Broughton / Reedy Creek / 428

Aline Badger Carter (1892–1972), poet laureate of Texas and human rights activist, taught astronomy courses for years at the Witte Museum in San Antonio, Texas. She inspired hundreds of students and allowed them to view the sky from her rooftop observatory that she established in 1918, and which remains as a learning center today.

(30769) Kaydash = 1984 ST_2

Discovery: 1984-09-25 / B. A. Skiff / Anderson Mesa / 688

Ukrainian astronomer Vadym G. Kaydash (b. 1971) is head of the Institute of Astronomy of V.N. Karazin, Kharkiv National University. He is a specialist in observation of solar-system bodies to study their surface properties and mineralogical composition.

(34891) Elizabethpaige = 2001 VR_{66}

Discovery: 2001-11-10 / LINEAR / Socorro / 704

Elizabeth Paige Wamsley (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for her animal sciences project. She attended the Timber Ridge Scholars Academy, Pacific, Missouri, U.S.A.

(35367) Dobrédílo = 1997 UW_7

Discovery: 1997-10-28 / L. Šarounová / Ondřejov / 557

Dobré dílo was the publishing house of Josef Florian in Stará Říše (Moravia). It published important works of Czech and world literature, and significantly contributed to the formation of the Czech cultural environment at the beginning of the 20th century.

(44194) Urmuz = 1998 MQ_7

Discovery: 1998-06-19 / ODAS / Caussols / 910

Urmuz was the pen name of Demetru Dem. Demetrescu-Buzău (1883–1923), an important and influential Romanian writer. He was a forerunner of the European 20th century dadaist, surrealist and absurdist literary movements. His writings were imitated, with the term “urmuzian” used to describe weird situations.

(45641) Larrypuzio = 2000 EK_{21}

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

Larry Puzio (b. 1965) is an OSIRIS-REx Ambassador, busy pediatrician, and life-long fan of space exploration.

(103016) Davidčástek = 1999 XH_{105}

Discovery: 1999-12-08 / P. Pravec, P. Kušnirák / Ondřejov / 557

David Částek (b. 1980) has been a collaborator of the Department of Interplanetary Matter of the Ondřejov Observatory. His precise calibrations of the 25 best video recordings of the Chelyabinsk superbolide at the event site in 2013 were key data for the accurate description of the extraordinary event.

(110625) Feryalözel = 2001 TL_{155}

Discovery: 2001-10-13 / Spacewatch / Kitt Peak / 291

Feryal Özel (b. 1975) is a Turkish-American astronomer who was a Hubble Fellow at the Institute for Advanced Study. She is a University of Arizona professor and Associate Dean of Research in its College of Science, and is a member of the Science Council of the Event Horizon Telescope.

(110627) Psaltis = 2001 TP_{160}

Discovery: 2001-10-15 / Spacewatch / Kitt Peak / 291

Dimitrios Psaltis (b. 1970) is a Greek astronomer who has worked at the Harvard-Smithsonian Center for Astrophysics, MIT and the Institute for Advanced Study, and as a graduate faculty member at the University of Arizona. He is a member of the Black Hole Partnerships for International Research and Education project.

(112339) Pimpa = 2002 NF_6

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

Pimpa (b. 2008) is the dog that discovered the Cavezzo meteorite just a few days after it fell near Cavezzo, Italy on 2020 Jan. 1. Her sensitive nose was able to find a fresh and unusual meteorite and her contribution was essential for this exceptional discovery. She is one of the few meteorite-hunter dogs in history.

(114738) Melissa = 2003 HQ_{12}

Discovery: 2003-04-23 / CINEOS / Campo Imperatore / 599

Melissa Palomba (b. 2009), is the eldest daughter of Ernesto Palomba, one of the CINEOS observers.

(114740) Luigitatto = 2003 HB_{14}

*Discovery: 2003-04-25 / F. Bernardi * / Campo Imperatore / 599*

Luigi Tatto (1922–2003) was an Italian writer whose writings were intended for children and young people. Known as “il maestro” (“the teacher”), he promoted literature among the young.

(157721) Kölcsey = 2006 BS_{26}

*Discovery: 2006-01-24 / K. Sárneczky * / Piszkéstető / 461*

Ferenc Kölcsey (1790–1838) was a Hungarian poet, politician and language reformer, and a honorary member of the Hungarian Academy of Sciences. He wrote Himnusz, the national anthem of Hungary. His strong moral sense and deep devotion to his country are reflected in his poems.

(161913) Hunyadi = 2007 EA

*Discovery: 2007-03-05 / K. Sárneczky * / Piszkéstető / 461*

The Hunyadi family was a Hungarian noble family, whose members played a decisive role in the history of the medieval Kingdom of Hungary. János Hunyadi was governor of Hungary and Viceroy of Transylvania, while King Matthias Corvinus made Hungary a significant Renaissance power by European standards.

(168203) Kereszturi = 2006 JB_{27}

*Discovery: 2006-05-05 / K. Sárneczky * / Piszkéstető / 461*

Ákos Kereszturi (b. 1972) is a Hungarian geologist, amateur astronomer and childhood friend of the discoverer, who answered the discoverer's first questions about the universe and with whom he started to discover the beauty of the starry sky. His main research topics are related to planetary science and astrobiology.

(170644) Tepliczky = 2003 YW_{107}

*Discovery: 2003-12-25 / K. Sárneczky * / Piszkéstető / 461*

István Tepliczky (b. 1961) is a Hungarian amateur astronomer, who was a well-known figure in Hungarian meteor astronomy in the 1980s and 1990s. His friendly personality won many young people to the cause of astronomy. His best-known result is the detection of the outburst of the Aurigids meteor shower in 1986.

(178088) Marktovey = 2006 SY_{197}

*Discovery: 2006-09-27 / T. Glinos * / Vail-Jarnac / G92*

Mark Alexander Tovey (b. 1970) is an amateur astronomer and Adjunct Research Professor in History at Western University in London, Canada. Tovey received his PhD in Cognitive Science from Carleton University in 2011. He developed historical exhibits in the Hume Cronyn Memorial Observatory, and is interested in combining history with public astronomy.

(182674) Hanslmeier = 2001 UB_{225}

Discovery: 2001-10-25 / Sloan Digital Sky Survey / Apache Point / 645

Arnold Hanslmeier (b. 1959) is a professor of astrophysics at the University of Graz, author of numerous astronomy textbooks and popular science books, and he is a major contributor to the development of astronomy and astrophysics in Austria.

(185196) Vámbéry = 2006 TR_{10}

*Discovery: 2006-10-15 / K. Sárneczky, Z. Kuli * / Piszkéstető / 461*

Ármin Vámbéry (1832–1913) was a Hungarian orientalist, traveler, university professor and a full member of the Hungarian Academy of Sciences. During his travels in Central Asia, he visited areas hitherto untouched by Europeans. His greatest scientific achievement was the ethnography of the Turkic heritage of these landscapes.

(199630) Szitkay = 2006 GS

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

Gábor Szitkay (b. 1964) is an amateur astronomer, astrophotographer, and generous supporter of the amateur astronomy movement in Hungary. The 0.45-m Dobsonian telescope he donated revealed the secrets of the universe to many young people, including the discoverer who observed hundreds of faint comets with this telescope.

(209089) Csépevaléria = 2003 SH_{33}

*Discovery: 2003-09-18 / K. Sárneczky, B. Sipőcz * / Piszkéstető / 461*

Valéria Csépe (b. 1951) is a Hungarian psychologist, university professor, and a full member of the Hungarian Academy of Sciences. She is a renowned researcher of elementary acoustic information processing, as well as cognitive psychology and neuroscience.

(218087) Kaniansky = 2002 GZ_{184}

Discovery: 2002-04-08 / NEAT / Palomar / 644

Stanislav Kaniansky (b. 1968) is a Slovak astronomer and passionate astrophotographer. He is a dedicated popularizer of astronomy, especially among young people, and he organizes summer camps, meetings and expeditions for them. He travels around the globe to observe solar eclipses, aurora borealis and dark skies.

(234923) Bonnell = 2002 TR_{382}

Discovery: 2002-10-09 / NEAT / Palomar / 644

Jerry T. Bonnell (b. 1954) is an American astrophysicist working at NASA Goddard Space Flight Center. His main research interests are in γ-ray bursts and active galaxies. As a co-creator of the Astronomy Picture of the Day (APOD) he has provided outstanding contributions to the public understanding of astronomy since 1995.

(246803) Martinezpatrick = 2009 FB_1

*Discovery: 2009-03-17 / M. Ory * / Vicques / 185*

Patrick Martinez (b. 1956) is a French aeronautical engineer and amateur astronomer. He has published several books about observational techniques. He is the founder of the Belesta observatory and the founder-president of the ADAGIO astronomical society.

(255940) Maylis = 2006 TZ_9

*Discovery: 2006-10-14 / C. Rinner * / Dax / 958*

Maylis Lavayssière (b. 1984) is a French research engineer. She is an assiduous observer and co-author of numerous articles on stellar occultations by asteroids and mutual phenomena of Jupiter's satellites. Maylis is a long-time member of the Dax Observatory (MPC code 958).

(265059) Bajorgizi = 2003 SD_{33}

*Discovery: 2003-09-18 / K. Sárneczky, B. Sipőcz * / Piszkéstető / 461*

Gizi Bajor (1893–1951) was a Hungarian actress and a lifelong member of the National Theatre. Although she also acted in and directed films, she achieved her true successes on stage. Her former villa is now the Bajor Gizi Actors Museum.

(270558) Nemiroff = 2002 GB_{185}

Discovery: 2002-04-09 / NEAT / Palomar / 644

Robert J. Nemiroff (b. 1960) is an American physicist working at Michigan Technological University. His main research interests are in gamma-ray bursts, gravitational lensing, and cosmology. As a co-creator of the Astronomy Picture of the Day (APOD) he has provided outstanding contribution to the public understanding of astronomy since 1995.

(295935) Majia = 2008 XD_7

Discovery: 2008-12-15 / Shandong University / Weihai / D39

Majia is a hill located within Shandong University, Weihai, China. The Weihai Observatory of Shandong University is on top of the hill. Many minor planets were observed and discovered at this observatory, including this minor object.

(301946) Bugyi = 2000 BK_{15}

*Discovery: 2000-01-28 / K. Sárneczky, G. Szabó * / Piszkéstető / 461*

István Bugyi (1898–1981) was a Hungarian physician and university professor. He was an excellent organizer and teacher, and between 1931 and 1968 he was chief surgeon at the Szentes County Hospital, where he also served as director on several occasions. Generations of surgeons grew up under his tutelage.

(363018) Wenda = 1996 TA_6

Discovery: 1996-10-03 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Established in 1933, Wenzhou University, known by the abbreviation Wenda, is a key comprehensive university in Zhejiang Province, China, with programs in philosophy, economics, law, education, literature, history, sciences, engineering, medicine, management, arts, and interdisciplinary science.

(369010) Ira = 2007 OK_2

*Discovery: 2007-07-18 / V. Rumyantsev * / Simeïs / 094*

Irina Rumyantseva (b. 1969) is a engineer at the Crimean Astrophysical Observatory. Irina is a specialist in the processing of observations of space debris. She is the wife of the discoverer.

(386528) Walterfürtig = 2009 CB_5

Discovery: 2009-02-12 / F. Hormuth / Calar Alto / 493

Walter Fürtig (b. 1933) is an astronomer at the Sonneberg Observatory, Germany. He has contributed to the development of various instruments, including FORS for the VLT. He has conducted research in the field of variable stars and he is deeply involved in the Sonneberg digital-sky-monitoring program.

(428351) Martinchalifour = 2007 OT_5

*Discovery: 2007-07-22 / Q.-Z. Ye, H.-C. Lin * / Lulin / D35*

Martin Chalifour (b. 1961) is the principal concertmaster of the Los Angeles Philharmonic. He is also an adjunct professor at the University of Southern California and a guest instructor at Caltech's Chamber Music Program.

(468581) Maiajasperwhite = 2007 JW_{33}

*Discovery: 2007-05-11 / Q.-Z. Ye, H.-C. Lin * / Lulin / D35*

Maia Jasper White (b. 1982) is a chamber musician, teacher, and musical entrepreneur in Los Angeles, California. She has directed Caltech's Chamber Music Program since 2016.

(546498) Demjénferenc = 2010 VQ_{206}

*Discovery: 2010-10-31 / S. Kürti, K. Sárneczky * / Piszkéstető / 461*

Ferenc Demjén (b. 1946) is a Hungarian rock singer, songwriter and bass guitarist. Before his solo career he was a member of several groups. He is a prolific composer who has released or contributed to almost 150 albums. He has received several state awards for his important role in Hungarian pop music.

(547400) Szakcsilakatos = 2010 RD_{44}

*Discovery: 2010-09-04 / K. Sárneczky, Z. Kuli * / Piszkéstető / 461*

Béla Szakcsi Lakatos (1943–2022) was an Hungarian jazz pianist, keyboardist, arranger and composer. He is considered a key figure in the spread of jazz and fusion genres in Hungary. His interest extended to combining classical music and jazz. During his career he received numerous honors and accolades.

(551900) Laneways = 2013 PJ_{40}

Discovery: 2013-08-10 / P. B. Lake / iTelescope / Q62

This object was discovered during a live public demonstration of asteroid research whilst collecting data for the OSIRIS Rex Target Asteroids citizen science mission. Laneways, which are narrow streets and pedestrian paths, are the heart of the street culture in Melbourne, Australia. Laneways are often a location for science and art events.

(552708) Ödmangovender = 2010 NU_{119}

*Discovery: 2006-10-17 / P. De Cat * / Uccle / 012*

Carolina Ödman-Govender (1974–2022) was a Swiss physicist who was a professor of astrophysics at South Africa's University of the Western Cape. She reshaped the ways science is communicated to the public and received awards from the IAU and from South Africa's National Science and Technology Forum for her groundbreaking work.

(559135) Richardgreaves = 2015 BB_{474}

Discovery: 2011-03-01 / N. Falla / Mayhill / H06

Richard Greaves (b. 1967) is an English commercial property consultant. He is vice-captain of the Cuddington Golf Club (Banstead, Surrey), which raises money annually for local and national charities. Richard is the son-in-law of the discoverer.

(560522) Gombaszögi = 2015 GB_{33}

*Discovery: 2012-10-20 / K. Sárneczky, A. Király * / Piszkéstető / 461*

Ella Gombaszögi (1894–1951) was a Hungarian actress and film star, who gave unforgettable performances in many films, most often as a partner of Gyula Kabos.

(562936) Bródyimre = 2016 BG_2

*Discovery: 2010-09-03 / K. Sárneczky, Z. Kuli * / Piszkéstető / 461*

Imre Bródy (1891–1944) was a Hungarian physicist, inventor and developer of the modern krypton electric bulb. The invention was the most economical light bulb of its time. Together with others, he developed an industrial process for extracting krypton gas from air.

(567490) Bánkyvilma = 2001 UW_{232}

*Discovery: 2012-10-25 / K. Sárneczky, G. Hodosán * / Piszkéstető / 461*

Vilma Bánky (1901–1991) was a Hungarian-American silent film actress. Her acting career began in Budapest, and she later worked in France, Austria, and Germany. She was best known for her roles in *The Eagle* (1925) and *The Son of the Sheik* (1926). After her movie career she became a professional golfer.

(574635) Jánossy = 2010 TK_{81}

*Discovery: 2010-09-06 / K. Sárneczky, Z. Kuli * / Piszkéstető / 461*

Dénes Jánossy (1926–2005) was a Hungarian ornithologist, paleontologist and university professor. He was the founder and perpetual president of the Hungarian Ornithological and Nature Conservation Society, one of the most important researchers of Pliocene vertebrate paleontology. He collected more than two million fossils.

(576870) Országlili = 2012 VZ_{99}

*Discovery: 2012-10-18 / K. Sárneczky, G. Hodosán * / Piszkéstető / 461*

Lili Ország (1926–1978) was one of the most famous Hungarian surrealist painters. In addition to her painting, she worked in puppet theater for more than two decades, creating dolls and scenery. She has also illustrated children's magazines, storybooks and youth novels.

(612477) Csörgeierika = 2002 ST_{73}

Discovery: 2002-09-26 / NEAT / Palomar / 644

Erika Csörgei (b. 1971) is the wife of Tibor Csörgei, a Slovak amateur astronomer who found and measured the early positions of this object.

(612916) Stirlingcolgate = 2005 AR_{22}

*Discovery: 2005-01-07 / M. Ory * / Nogales / 926*

Stirling Colgate (1925–2013) was an American nuclear physicist. First interested in X-ray and γ-ray emissions from hydrogen-bomb explosions, he later studied supernovae that produced similar high-energy radiation.

(615214) Molnárkristian = 2002 QY_{132}

Discovery: 2002-08-17 / NEAT / Palomar / 644

Kristian Molnár (b. 1976) is a Slovak amateur astronomer and enthusiastic eclipse chaser. He has visited four continents during twenty expeditions. He is an avid observer of eclipses, meteors, aurora borealis and the zodiacal light.

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

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
P/2022 V1 = P/2010 BN_{109} (WISE-Lemmon)	*MPEC* 2022-W148
P/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 L1 (Catalina)		*MPEC* 2022-L97
C/2022 K1 (Leonard)		*MPEC* 2022-L53
C/2022 J2 (Bok)		*MPEC* 2022-M98
437P/2021 V3 = P/2011 UE_{215} (Lemmon-PANSTARRS)		2022-05-25
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

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
440P/1997 B1 = P/2021 W2 (Kobayashi)	*MPC* 136564
439P/2008 WZ_{96} = P/2021 W1 (LINEAR)	*MPC* 136564
438P/2005 T2 = P/2012 V5 = P/2020 OV_{62} (Christensen)	*MPC* 136564
437P/2021 V3 = P/2011 UE_{215} (Lemmon-PANSTARRS)	*MPC* 136564

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 23706 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.