



WGSBN Bulletin



Volume 1, #3

2021 June 16

Published on behalf of the International Astronomical Union (98-bis Blvd Arago, F-75014 Paris, France) by the WG Small Bodies Nomenclature.

ISSN <applied for>

Cover image: Navigation image of (1) Ceres, obtained by the DAWN mission. Courtesy NASA/JPL-CALTECH.

Table of Contents

<u>Errata</u>	6
<u>New Names of Minor Planets</u>	6
(5327) Gertwilkens = 1989 EX1.....	6
(5358) Meineko = 1992 QH.....	6
(5856) Peluk = 1994 AL2.....	6
(6651) Rogervernabele = 1991 RV9.....	7
(8138) Craigbowers = 1980 FF12.....	7
(9442) Beiligong = 1997 GQ27.....	7
(10003) Caryhuang = 1971 UD1.....	7
(10026) Sophiexeon = 1980 RE1.....	7
(10035) Davidgheesling = 1982 DC2.....	7
(10037) Raypickard = 1984 BQ.....	8
(10040) Ghillar = 1984 QM.....	8
(11026) Greatbotkin = 1986 RE1.....	8
(16703) Richardstrauss = 1995 ER7.....	8
(16777) Bosma = 1996 VD29.....	8
(26587) Arthurstorbo = 2000 EU125.....	8
(26588) Sharonstorbo = 2000 EX128.....	8
(26604) Ensign = 2000 FO25.....	9
(26678) Garner = 2001 EN19.....	9
(26683) Jamesmccarthy = 2001 FM22.....	9
(26698) Maryschroeder = 2001 FN128.....	9
(26702) Naber = 2001 FK143.....	9
(26712) Stewart = 2001 FV180.....	9
(26745) Szeglin = 2001 HV45.....	9
(27054) Williamgoddard = 1998 SA25.....	10
(27507) Travisbrown = 2000 GS141.....	10
(28791) Edithsykeslowell = 2000 HW59.....	10
(28792) Davidlowell = 2000 HE61.....	10
(28793) Donaldpaul = 2000 HM61.....	10
(28794) Crowley = 2000 HG64.....	10
(37818) Juliamaury = 1998 BC5.....	10

<u>(65487) Divinacommedia = 2003 CD20</u>	<u>11</u>
<u>(69423) Openuni = 1996 AA2</u>	<u>11</u>
<u>(75591) Stonemose = 2000 AN18</u>	<u>11</u>
<u>(89455) Metzendorf = 2001 XJ1</u>	<u>11</u>
<u>(97786) Oouam = 2000 NU2</u>	<u>11</u>
<u>(102619) Crespino = 1999 VK23</u>	<u>11</u>
<u>(107396) Swangin = 2001 DU</u>	<u>11</u>
<u>(114613) Antoninobrosio = 2003 DS15</u>	<u>12</u>
<u>(118554) Reedtimmer = 2000 EM175</u>	<u>12</u>
<u>(150316) Ivaniosifovich = 1999 VO1</u>	<u>12</u>
<u>(161750) Garyladd = 2006 SQ285</u>	<u>12</u>
<u>(182590) Vladisvujnovic = 2001 TA245</u>	<u>12</u>
<u>(198673) Herrero = 2005 BG44</u>	<u>12</u>
<u>(200000) Danielparrott = 2007 JT40</u>	<u>12</u>
<u>(212073) Carlzimmer = 2005 EF65</u>	<u>13</u>
<u>(214474) Long Island = 2005 TB14</u>	<u>13</u>
<u>(231446) Dayao = 2007 GE75</u>	<u>13</u>
<u>(269548) Fratyu = 2009 WR</u>	<u>13</u>
<u>(291387) Katiebouman = 2006 CN36</u>	<u>13</u>
<u>(300854) Changyuin = 2007 YV31</u>	<u>13</u>
<u>(311119) Pacner = 2004 PA20</u>	<u>13</u>
<u>(313892) Furnish = 2004 JF</u>	<u>14</u>
<u>(347266) Carrière = 2011 KR28</u>	<u>14</u>
<u>(366252) Evanmillsap = 2012 XJ151</u>	<u>14</u>
<u>(419521) Meursault = 2010 JQ34</u>	<u>14</u>
<u>(421774) Jeffreyrose = 2014 QM13</u>	<u>14</u>
<u>(461981) Chuyouhua = 2006 VO81</u>	<u>14</u>
<u>(465513) Zhenzhen = 2008 UO128</u>	<u>14</u>
<u>(469705) #Kágára = 2005 EF298</u>	<u>15</u>
<u>(510466) Varna = 2011 WK61</u>	<u>15</u>
<u>(511238) Cuixiangqun = 2014 BK17</u>	<u>15</u>
<u>(526492) Theaket = 2006 RQ109</u>	<u>15</u>
<u>(542600) Lindahall = 2013 FM19</u>	<u>15</u>
<u>Recent Comet Names & Numberings</u>	<u>16</u>

<u>Recently-Assigned Names</u>	<u>16</u>
<u>Recent Numberings</u>	<u>16</u>
<u>Standard Acronyms & Abbreviations</u>	<u>17</u>
<u>Statistics & Links</u>	<u>17</u>
<u>WGSBN Members</u>	<u>18</u>

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*.

Reference	Line(s)	
<i>Bull.</i> 1, #3, 13	3	For (b. 1962) read (b. 1964) [(29605) 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.

(5327) Gertwilkens = 1989 EX₁

Discovery: 1989-03-05 / Z. Vávrová / Kleť / 046

Gert Wilkens (b. 1957) has been the financial administrator of Stichting De Koepel, former Dutch center for the popularization of astronomy and space science. He serves as librarian of the astronomical library of Sonnenborgh Observatory in Utrecht in the Netherlands. Wilkens is a co-editor of the astronomical annual *Sterrengids*.

(5358) Meineko = 1992 QH

Discovery: 1992-08-26 / S. Ueda, H. Kaneda / Kushiro / 399

Meineko is the pen name of Kiyota Seiichiro (b. 1962), who has been observing variable stars since 1975. As Meineko, he has written a monthly guide on variable stars in the Japanese astronomy magazine *Gekkan Tenmon* and on CCD observation methods in textbooks.

(5856) Peluk = 1994 AL₂

Discovery: 1994-01-05 / S. Ueda, H. Kaneda / Kushiro / 399

Peter-Lukas Graf (b. 1929) is a Swiss musician, flutist and conductor, mainly distinguished as soloist, teacher and author.

(6651) Rogervenable = 1991 RV₉

Discovery: 1991-09-10 / H. E. Holt / Palomar / 675

Roger Venable (b. 1950) is a physician specializing in primary care and emergency medicine. He is Coordinator of Mars Section of Association of Lunar and Planetary Observers, and Vice President of International Occultation Timing Association. Roger has published articles on the atmosphere of Mars.

(8138) Craighowers = 1980 FF₁₂

Discovery: 1980-03-20 / Perth Observatory / Bickley / 323

Craig Bowers (b. 1958) was a meridian-telescope observer for the Perth 75 catalogue, and also monitored variable stars. He was heavily involved in the continuous Lowell/Perth telescope CCD observations of 1P/Halley, including the discovery of the jets of CN gas leading to the defining of the rotation period of the nucleus. His PhD thesis detailed the scientific history of Perth Observatory from 1960 to 1993.

(9442) Beiligong = 1997 GQ₂₇

Discovery: 1997-04-02 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

Beiligong (Beijing Institute of Technology, BIT) was founded in 1940. With more than 27 000 full-time students currently enrolled, it is one of the national key universities. BIT developed China's first large-scale planetarium, and contributed to the preparatory research of the Five-hundred-meter Aperture Spherical radio Telescope.

(10003) Caryhuang = 1971 UD₁

Discovery: 1971-10-26 / L. Kohoutek / Bergedorf / 029

Cary K. Huang (b. 1997) is an animator and educator, known for his variety of animated web shows, coding projects, and data visualization videos. He and his twin brother created the popular online interactive size comparison tool “The Scale of the Universe” in 2010.

(10026) Sophiexeon = 1980 RE₁

Discovery: 1980-09-03 / A. Mrkos / Kleť / 046

Sophie Xeon (1986–2021), known as SOPHIE, was a highly influential Scottish singer, songwriter, and producer. Sophie was known as an electronic music pioneer whose futuristic style changed the landscape of pop music in the early 21st century.

(10035) Davidgheesling = 1982 DC₂

Discovery: 1982-02-16 / L. Brožek / Kleť / 046

David Gheesling (1967–2020), of Roswell, GA (USA), was an astronomy and meteorite enthusiast, author, public speaker, and a member of the Board of Director of the International Meteorite Collectors Association. He was a globally-known promoter and hunter of meteorites and his collection, Falling Rocks, is one of the largest in private hands.

(10037) Raypickard = 1984 BQ

Discovery: 1984-01-26 / A. Mrkos / Kleť / 046

Ray Pickard (b. 1967), of Bathurst, NSW (Australia), is a teacher, academic, and leading expert on meteorite identification and analysis. He owns and runs Bathurst Observatory in central New South Wales, where he hosts a small museum displaying one of the largest private meteorite collections in the world.

(10040) Ghillar = 1984 QM

Discovery: 1984-08-24 / Z. Vávrová / Kleť / 046

Ghillar Michael Anderson (b. 1951), of Goodooga, NSW (Australia), is an Aboriginal elder, Senior Law Man, and leader of the Euahlayi people bordering northern New South Wales and southern Queensland. He has shared in-depth knowledge about Kamilaroi and Euahlayi astronomical knowledge and has published several academic papers on the topic.

(11026) Greatbotkin = 1986 RE₁

Discovery: 1986-09-02 / A. Mrkos / Kleť / 046

The Botkin Hospital in Moscow is a clinic performing about 70 000 surgical operations and serving more than 100 000 patients every year. In 2020 the Great Botkin Hospital celebrated 110 years since its foundation.

(16703) Richardstrauss = 1995 ER₇

Discovery: 1995-03-02 / Spacewatch / Kitt Peak / 691

Bavarian-German Richard G. Strauss (1864–1949) was a composer of the late German romantic and early-modern eras of 20th-century music who composed the operas *Der Rosenkavalier* and *Salome*, as well as the tone poems *Zarathustra* (1896) and *Eine Alpen Symfonie* (1911–1915).

(16777) Bosma = 1996 VD₂₉

Discovery: 1996-11-13 / Spacewatch / Kitt Peak / 691

Albert Bosma (b. 1948) is a Dutch astronomer known for his 1978 thesis “The distribution of neutral hydrogen in spiral galaxies of various morphological types”, in which he suggested that galaxies contain significant dark matter.

(26587) Arthurstorbo = 2000 EU₁₂₅

Discovery: 2000-03-11 / LONEOS / Anderson Mesa / 699

Arthur Storbo (b. 1944) is a member of Lowell Observatory's Advisory Board. Art and his wife Sharon give of their time and talent to help Lowell Observatory fulfill its mission. Art is also a member of the Director's Opportunity Network, seeking to create new opportunities.

(26588) Sharonstorbo = 2000 EX₁₂₈

Discovery: 2000-03-11 / LONEOS / Anderson Mesa / 699

Sharon Storbo (b. 1950) is a member of Lowell Observatory's Advisory Board. Sharon and her husband Art give generously of their time and talent helping Lowell Observatory fulfill its mission.

(26604) Ensign = 2000 FO₂₅

Discovery: 2000-03-27 / LONEOS / Anderson Mesa / 699

Thomas Ensign (b. 1943) is a long-time member of the Lowell Advisory Board. Tom is a member of the Executive Committee and the Chair of the Marketing and Public Relations Committee. He supports Lowell's mission and Lowell's science camp for kids.

(26678) Garner = 2001 EN₁₉

Discovery: 2001-03-15 / LONEOS / Anderson Mesa / 699

Robert B. Garner (b. 1954) is a member of Lowell Observatory's Advisory Board. As a member of the Board, Robert helps Lowell Observatory fulfill its mission.

(26683) Jamesmccarthy = 2001 FM₂₂

Discovery: 2001-03-21 / LONEOS / Anderson Mesa / 699

James P. McCarthy (b. 1935) is a founding member of Lowell Observatory's Advisory Board, who offers his time and talent to Lowell Observatory in honor of late Trustee William "Bill" Putnam. James is a member of the American Alpine Club and is passionate about education and outreach.

(26698) Maryschroeder = 2001 FN₁₂₈

Discovery: 2001-03-31 / LONEOS / Anderson Mesa / 699

Mary M. Schroeder (b. 1942) is a long-time member of Lowell Observatory's Advisory Board. Mary is a supporter of the LOCKs program, which offers science camps for elementary school children.

(26702) Naber = 2001 FK₁₄₃

Discovery: 2001-03-23 / LONEOS / Anderson Mesa / 699

Thomas Naber (b. 1959) is a member of Lowell Observatory's Advisory Board. Tom supports Lowell Observatory as a member of Lowell Observatory's Investment Committee.

(26712) Stewart = 2001 FV₁₈₀

Discovery: 2001-03-20 / LONEOS / Anderson Mesa / 699

Paul C. Stewart (b. 1961) is a member of Lowell Observatory's Advisory Board. As a member of the Board, Paul has given of his time and talent to help Lowell Observatory fulfill its mission. Paul is Director of Technology for Space Dynamics Laboratory.

(26745) Szeglin = 2001 HV₄₅

Discovery: 2001-04-17 / LONEOS / Anderson Mesa / 699

Arthur R. Szeglin (b. 1935) is a long-time member of Lowell Observatory's Advisory Board.

(27054) Williamgoddard = 1998 SA₂₅

Discovery: 1998-09-18 / LONEOS / Anderson Mesa / 699

William H. Goddard (b. 1945) is a member of Lowell Observatory's Advisory Board. He serves on Lowell's Investment Committee and has been a long-time member and Friend of Lowell Observatory.

(27507) Travisbrown = 2000 GS₁₄₁

Discovery: 2000-04-07 / LONEOS / Anderson Mesa / 699

Travis Brown (b. 1989) is an Educator in Lowell Observatory's Native American Astronomy Outreach Program. He brings his enthusiasm and energy to partnerships with teachers to get kids excited about science. He enjoys introducing the students to rocketry and robots.

(28791) Edithsykeslowell = 2000 HW₅₉

Discovery: 2000-04-25 / LONEOS / Anderson Mesa / 699

Edith Sykes Lowell (b. 1927), with her husband David, have been supporters of Lowell Observatory. Edith is the granddaughter of Stanley Sykes. The Sykes brothers (Stanley and Godfrey) built the dome which houses Lowell's 24-inch historic refractor telescope.

(28792) Davidlowell = 2000 HE₆₁

Discovery: 2000-04-25 / LONEOS / Anderson Mesa / 699

James David Lowell (1928–2020) was a long-time supporter of Lowell Observatory. He was a descendant of Percival Lowell, who brought the family to the U.S. from England in the 1600s. James had a degree in geology and located a large copper mine in Chile and a major gold mine in Peru.

(28793) Donaldpaul = 2000 HM₆₁

Discovery: 2000-04-25 / LONEOS / Anderson Mesa / 699

Donald Paul (b. 1946) is a long-time member of Lowell Observatory's Advisory Board. Don supported the Giovale Open Deck Observatory with a TEC telescope which enhances visitors views of our solar system.

(28794) Crowley = 2000 HG₆₄

Discovery: 2000-04-26 / LONEOS / Anderson Mesa / 699

Leo Crowley (b. 1944) is a long-time member of Lowell Observatory's Advisory Board. Leo serves on Lowell's Executive Committee and as Chair of Lowell's Audit Committee.

(37818) Juliamaury = 1998 BC₅

Discovery: 1998-01-18 / ODAS / Caussols / 910

Julia Maury (b. 2019) is the daughter of (29634) Sabrinaaksil and (8184) Luderic, who is the son of (3780) Maury and (4404) Enirac.

(65487) Divinacommedia = 2003 CD₂₀

*Discovery: 2003-02-09 / G. Masi * / La Silla / 809*

The “Divina Commedia” (“Divine Comedy”) is the most important poem by Dante Alighieri (1265–1321). It is considered one of the greatest works in world literature and includes many astronomical concepts of the time. This naming occurs on the 700th anniversary of Dante's death.

(69423) Openuni = 1996 AA₂

Discovery: 1996-01-15 / Farra d'Isonzo / Farra d'Isonzo / 595

The Open University (founded 1969 April 23) is the world's leading university for flexible, innovative distance learning, having educated over 2 million part-time students. Through its research in astronomy, planetary and space science, the OU has a distinguished history of involvement in major Solar System exploration missions.

(75591) Stonemose = 2000 AN₁₈

Discovery: 2000-01-03 / LINEAR / Socorro / 704

Vickie Stone Moseley (b. 1957) is a friend and partner of Alan Hale. She inadvertently “re-discovered” this asteroid while examining images of (4151) Alanhale that were taken during the course of developing an international educational program on the small bodies of the solar system.

(89455) Metzendorf = 2001 XJ₁

Discovery: 2001-12-08 / Starkenburg / Heppenheim / 611

Wilhelm Metzendorf (1911–1988) was mayor of the district town of Heppenheim in Germany from 1954 to 1973 and was instrumental in the construction of the Starkenburg Observatory.

(97786) Oauam = 2000 NU₂

Discovery: 2000-07-05 / P. Pravec, P. Kušnirák / Ondřejov / 557

Named for the Astronomical Observatory of Adam Mickiewicz University (OA UAM) in Poznań, Poland. The observatory was active in asteroid and comet observations starting in the 1930s. In the 1990s the focus shifted to physical studies of asteroids. Currently OA UAM is the main center for studies of small Solar System bodies in Poland.

(102619) Crespino = 1999 VK₂₃

Discovery: 1999-11-12 / S. Sposetti / Gnosca / 143

Berberis Vulgaris, also known as barberry (in Italian, “crespino”), is a deciduous shrub with three-branched spines. This plant is easily found around the observatory.

(107396) Swangin = 2001 DU

Discovery: 2001-02-16 / Tenagra II / Nogales / 926

Gary Swangin (b. 1942) is the Planetarium Astronomer and Manager of the Panther Planetarium in Paterson NJ, and was formerly the director of the Newark Museum Planetarium in Newark, NJ. He has produced radio and video materials for public education about astronomy, recombinant DNA and other topics, and been nominated for a Peabody Award.

(114613) Antoninobrosio = 2003 DS₁₅

Discovery: 2003-02-25 / CINEOS / Campo Imperatore / 599

Antonino Brosio (b. 1987) is a structural engineer, and the founder and director of the first public observatory and astronomical park in Calabria. He has carried out several national and international collaborations involving the Calabrian schools, and is the discoverer of some variable stars and extragalactic supernovae.

(118554) Reedtimmer = 2000 EM₁₇₅

Discovery: 2000-03-02 / Catalina Sky Survey / Catalina / 703

Reed Timmer (b. 1980) is an American meteorologist and avid storm chaser. Reed has a love of public outreach and education. He shoots intense videos of the most dangerous weather events on the planet while also gathering important data.

(150316) Ivaniosifovich = 1999 VO₁

Discovery: 1999-11-01 / E. W. Elst, S. I. Ipatov / Uccle / 012

Ivan Iosifovich Ipatov (1927–2015), father of the second discoverer, was one of the founders of the geodetical network of Russia.

(161750) Garyladd = 2006 SQ₂₈₅

Discovery: 2006-09-25 / Mt. Lemmon Survey / Mount Lemmon / G96

Gary Ladd (b. 1947) is a photographer and author. He has spent over 40 years shooting iconic images of national parks in and around the Colorado Plateau. Ladd has a deep appreciation for geology and nature that is captured in his stunning photographs.

(182590) Vladisvujnovic = 2001 TA₂₄₅

Discovery: 2001-10-14 / Sloan Digital Sky Survey / Apache Point / 645

Vladis Vujnovic (b. 1933) is a professor of astronomy and physics at the University of Zagreb, a pianist, author of numerous astronomy textbooks and other publications, and a major contributor to the development of astronomy and astrophysics in Croatia.

(198673) Herrero = 2005 BG₄₄

Discovery: 2005-01-19 / CSS / Catalina / 703

Enrique (“Kike”) Herrero Casas (b. 1986) is an astrophysicist at the Institut d'Estudis Espacials de Catalunya (IEEC) and is also a science communicator. He specializes in exoplanets and stellar astrophysics.

(200000) Danielparrott = 2007 JT₄₀

Discovery: 2007-05-12 / Mt. Lemmon Survey / Mount Lemmon / G96

Daniel Parrott (b. 1987) is an American amateur astronomer and computer programmer. Parrott authored the software Tycho for asteroid discovery and follow up which is in wide use among amateur and professional astronomers.

(212073) Carlzimmer = 2005 EF₆₅

Discovery: 2005-03-04 / Mt. Lemmon Survey / Mount Lemmon / G96

Carl Zimmer (b. 1966) is a world-renowned popular science writer and science advocate. He has authored over a dozen science related books covering topics such as viruses, evolution, and heredity.

(214474) Long Island = 2005 TB₁₄

Discovery: 2005-10-01 / CSS / Catalina / 703

Named for the 190-km-long, fish-shaped island that extends east from New York City. The island is composed of multiple terminal moraines deposited during the most recent glacial period.

(231446) Dayao = 2007 GE₇₅

Discovery: 2007-04-10 / PMO NEO Survey Program / XuYi / D29

Dayao is a county of north-central Yunnan Province with a long history, rich mineral resources and good astronomical observing conditions. Dayao was ranked one of the most beautiful counties of China in 2020.

(269548) Fratyu = 2009 WR

Discovery: 2009-11-16 / F. Fratev / Plana / A79

Fratyu Popov (1846–1903) was a Bulgarian public figure, revolutionary, teacher and judge. He came from an old family in Sopot and participated in the establishment of the Sopot Revolutionary Committee (1869). He was the prototype of the teacher Fratyu from the novel *Under the Yoke* by Ivan Vazov.

(291387) Katiebouman = 2006 CN₃₆

Discovery: 2006-02-02 / Mt. Lemmon Survey / Mount Lemmon / G96

Katherine Bouman (b. 1989) is an American engineer and computer scientist. Bouman led development of an algorithm that made the first direct image of a black hole possible via the Event Horizon Telescope array.

(300854) Changyuin = 2007 YV₃₁

*Discovery: 2007-12-28 / C.-S. Lin, Q.-z. Ye * / Lulin / D35*

Changyuin (1896–1958) was a Chinese astronomer, who established the first educational observatory at Sun Yat-Sen University in China in 1929. He discovered the variable star XX Cam in 1947.

(311119) Pacner = 2004 PA₂₀

*Discovery: 2004-08-08 / KLENOT * / Klet' / 246*

Karel Pacner (1936–2021) was a Czech science journalist and writer interested in cosmonautics. He attended the 1969 launch of Apollo 11 as the only Czech journalist. Pacner correctly described events and people from both the Soviet and American sides of the space race, as well as later cooperation in space.

(313892) Furnish = 2004 JF

Discovery: 2004-05-08 / J. W. Young / Wrightwood / 673

James F. Furnish (1950–2021) was a commercial fisherman and owner of the *Hylah Ruth* of Astoria, Oregon. He fished from California to Alaska, and the Columbia River for fish, crab, and a digger of razor clams. Furnish was actively involved with community government and school issues.

(347266) Carrière = 2011 KR₂₈

Discovery: 2004-06-13 / B. Christophe / Saint-Sulpice / 947

Jean-Claude Carrière (1931–2021) was a French novelist, screenwriter, actor, and Academy Award honoree. He was a frequent collaborator with Luis Buñuel on the screenplays of Buñuel's late French films.

(366252) Evanmillsap = 2012 XJ₁₅₁

Discovery: 2007-11-08 / CSS / Catalina / 703

Evan D. Millsap (1992–2019) was a passionate geologist and aspiring paleontologist. He was a well traveled citizen of the world and accomplished mountaineer. Evan had a love of family, culture, science, and deep time.

(419521) Meursault = 2010 JQ₃₄

*Discovery: 2010-05-07 / M. Ory * / Sierra Stars / G68*

The French village of Meursault is situated south of Beaune, in the famous Burgundy vineyard region. The Meursault white wine is well-known around the world.

(421774) Jeffreyrose = 2014 QM₁₃

Discovery: 2009-12-20 / Mt. Lemmon Survey / Mount Lemmon / G96

Jeffrey Robert Rose (1974–2014) was a gifted artist and musician born and raised near Syracuse, New York. He lived and worked in California and Oregon and later returned to New York, touching many people along the way with his kindness and creativity.

(461981) Chuyouhua = 2006 VO₈₁

*Discovery: 2006-11-12 / H.-C. Lin, Q.-z. Ye * / Lulin / D35*

You-Hua Chu (b. 1953) is an astronomer, and was director of Academia Sinica's Institute of Astronomy and Astrophysics in Taiwan from 2014 to 2020.

(465513) Zhenzhen = 2008 UO₁₂₈

*Discovery: 2008-10-22 / X. Y. Hsiao, Q.-z. Ye * / Lulin / D35*

Zhen Zhen (b. 1948) is one of the most famous movie stars in Taiwan. Her acting career started in 1963. Over the years she has acted in more than ninety films. She was awarded Best Actress twice in Asia Film Festival. She received the Golden Horse Life-Achievement Award in 2013.

(469705) #Kágára = 2005 EF₂₉₈

Discovery: 2005-03-11 / M. W. Buie / Kitt Peak / 695

In the mythology of the !Xam people of the Karoo region of southern Africa, #Kágára and !Hāunu fought an epic battle in the east using thunder and lightning, producing mountainous clouds and rain. The conflict was over #Kágára returning his younger sister, !Hāunu's wife, to their parents. [The primary is being named #Kágára and the satellite is being named !Hāunu.]

(510466) Varna = 2011 WK₆₁

Discovery: 2011-11-24 / Pan-STARRS 1 / Haleakala / F51

This object was discovered by students at the Language School Frederic Joilot Curie located in Varna, Bulgaria, scanning images from Pan-STARRS for missed objects. The name was suggested by V. S. Radeva and A. Fukita.

(511238) Cuixiangqun = 2014 BK₁₇

Discovery: 2013-11-27 / PMO NEO Survey Program / XuYi / D29

Cui Xiangqun (b. 1951), an academician of Chinese Academy of Sciences, is a Professor of Nanjing Institute of Astronomical Optics and Technology. She is mainly engaged in the field of large astronomical telescope design and construction, and served as the General Engineer of the Guoshoujing Telescope (LAMOST).

(526492) Theaket = 2006 RQ₁₀₉

Discovery: 2006-09-14 / J. Masiero / Mauna Kea / 568

Amalthea Ketskarova Masiero (b. 2021) is the daughter of the discoverer.

(542600) Lindahall = 2013 FM₁₉

*Discovery: 2005-04-16 / T. Glinos, D. H. Levy * / Vail-Jarnac / G92*

The Linda Hall Library of Science, Engineering and Technology in Kansas City, Missouri, is one of the largest science libraries in the world. Its vast collection includes original observing records of Sir John Herschel, as well as books by Copernicus, Rheticus, Galileo and Darwin. The Library was established in 1946 through the philanthropy of Linda (1859–1938) and Herbert F. (1858–1941) Hall.

Recent Comet Names & 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.

Recently-Assigned Names

C/2021 K2 (MASTER)		<i>MPEC 2021-L89</i>
C/2021 K1 (ATLAS)		<i>MPEC 2021-K89</i>
C/2021 J3 (ATLAS)		<i>MPEC 2021-L26</i>
C/2021 J2 (PANSTARRS)		<i>MPEC 2021-L24</i>
C/2021 J1 (Maury-Attard)	*	<i>MPEC 2021-L11</i>
C/2021 G1 (Leonard)		<i>MPEC 2021-J72</i>
C/2021 E3 (ZTF)		<i>MPEC 2021-J71</i>
C/2021 D2 (ZTF)		<i>MPEC 2021-F67</i>
C/2021 D1 (SWAN)		<i>MPEC 2021-E19</i>
C/2021 C6 (Lemmon)		<i>MPEC 2021-F63</i>
C/2021 C5 (PANSTARRS)		<i>MPEC 2021-E64</i>
C/2021 C4 (ATLAS)		<i>MPEC 2021-D113</i>
C/2021 C3 (Catalina)		<i>MPEC 2021-D112</i>
C/2021 C2 (PANSTARRS)		<i>MPEC 2021-D103</i>
C/2021 C1 (Rankin)		<i>MPEC 2021-D102</i>
C/2021 A10 (NEOWISE)		<i>MPEC 2021-C25</i>
C/2020 PV ₆ (PANSTARRS)		<i>MPEC 2021-K93</i>
C/2020 F7 (Lemmon)		<i>MPEC 2021-F110</i>
C/2019 U5 (PANSTARRS)		<i>MPEC 2021-G80</i>

Recent Numberings

421P/2009 U4 = P/2020 H10 (McNaught)	<i>MPC 130596</i>
420P/2009 Q1 = P/2021 E1 (Hill)	<i>MPC 128966</i>
419P/2015 F1 = P/2021 A11 (PANSTARRS)	<i>MPC 128966</i>
418P/2010 A5 = P/2020 Y5 (LINEAR)	<i>MPC 127300</i>
417P/2015 J3 = P/2021 B1 (NEOWISE)	<i>MPC 127300</i>
416P/2013 A2 = P/2021 A8 (Scotti)	<i>MPC 127300</i>
415P/2013 EW ₉₀ = P/2020 Y4 (Tenagra)	<i>MPC 127300</i>
414P/2016 J3 = P/2021 A3 (STEREO)	<i>MPC 127300</i>
413P/2014 E1 = P/2020 W4 (Larson)	<i>MPC 127300</i>
412P/2010 B2 = P/2020 Y1 (WISE)	<i>MPC 127300</i>
411P/2007 B1 = P/2020 W3 (Christensen)	<i>MPC 127300</i>

Standard Acronyms & Abbreviations

Listed below, in alphabetical order, are the standard acronyms that may be used in citations without needing to be expanded.

CFHT	Canada-France-Hawaii Telescope
ESO	European Southern Observatory
IAU	International Astronomical Union
JPL	Jet Propulsion Laboratory
MPC	Minor Planet Center
NASA	National Aeronautics and Space Administration
NTT	New Technology Telescope
USNO	U.S. Naval Observatory

Statistics & Links

There are currently 22568 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.

WGSBN Members

There are 14 members of the WGSBN, 11 of whom are voting members. The other three members, who are *ex-officio*, are representatives for IAU Division F, 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
- Rita Schulz, *ex-officio* (WGPSN)
- Gonzalo Tancredi, *ex-officio* (Div. F)
- Peter Vereš, *ex-officio* (MPC)
- Don Yeomans
- Jin Zhu

The email address for the WGSBN is contact@wgsbn-iau.org.

