



# WGSBN Bulletin



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## 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) name(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

### **(9450) Akikoizumo = 1998 BT<sub>1</sub>**

*Discovery: 1998-01-19 / T. Kobayashi / Oizumi / 411*

Akiko Izumo (b. 1962) is a folklorist of astronomy in Japan, who worked at a planetarium at Yokohama Science Center. She has written books on astronomy folklore, including encyclopedias and visual dictionaries.

### **(12497) Ekkehard = 1998 FQ<sub>14</sub>**

*Discovery: 1998-03-26 / ODAS / Caussols / 910*

Ekkehard Kührt (b. 1954) is the head of the Asteroids and Comets Department of the DLR institute of Planetary Research. He has been active in minor bodies research for decades and was involved in many space missions. Ekkehard has been the project leader of the DLR contributions for the instruments of the Rosetta mission.

### **(13680) Katyafrantseva = 1997 PY**

*Discovery: 1997-08-04 / ODAS / Caussols / 910*

Ukrainian astronomer Kateryna (“Katya”) Frantseva (b. 1991) has advanced our understanding of how asteroids, comets and dust affect planetary surfaces in the Solar System and beyond.

### **(19918) Stavby = 1977 PB**

*Discovery: 1977-08-06 / C.-I. Lagerkvist / Mount Stromlo / 414*

Stavby is a small village outside Uppsala. Stavby's church was started in the mid-13th century and there are still extant frescoes from the 1490s on its walls and vault.

### **(22752) Sabrinamasiero = 1998 VS<sub>34</sub>**

*Discovery: 1998-11-15 / A. Boattini, M. Tombelli / San Marcello / 104*

Sabrina Masiero (b. 1970) is an astronomer and director of the educational popular science structure of the International Center for Astronomical Research GalHassin (Isnello, Sicily). GalHassin has achieved great success in the popularization of astronomy.

### **(26883) Marcelproust = 1994 PR<sub>22</sub>**

*Discovery: 1994-08-12 / E. W. Elst / La Silla / 809*

Marcel Proust (1871–1922) was a French novelist and essayist, widely considered to be one of the most influential authors of the 20th century. His monumental novel *À la recherche du temps perdu* was published in seven volumes between 1913 and 1927, the last three volumes being edited by his brother, Robert.

**(27061) Wong = 1998 SW<sub>53</sub>**

*Discovery: 1998-09-16 / LONEOS / Anderson Mesa / 699*

Curtis G. Wong (b. 1955) is a member of Lowell Observatory's Advisory Board. Curtis gives his time and talent helping Lowell Observatory fulfill its mission. He supports Lowell's educational programs.

**(27083) Alethialittle = 1998 TG<sub>32</sub>**

*Discovery: 1998-10-11 / LONEOS / Anderson Mesa / 699*

Alethia Little (b. 1987) is the Multi-Cultural Outreach Facilitator at Lowell Observatory and educator/manager for the Native American Astronomy Outreach Program (NAAOP). She draws on her Navajo background to initiate and run NAAOP's book club, role models, summer and winter camps, and other innovations.

**(27084) Heidilarson = 1998 TD<sub>33</sub>**

*Discovery: 1998-10-14 / LONEOS / Anderson Mesa / 699*

Heidi Larson (b. 1986) is the Telescope Support Specialist at Lowell Observatory. She plays a major role in maintaining the performance of the Navy Precision Optical Interferometer. During her time at Lowell, she has filled roles as a Telescope Operator at the Lowell Discovery Telescope as well as in the public programs engaging with visitors.

**(27096) Jelenalane = 1998 UL<sub>24</sub>**

*Discovery: 1998-10-18 / LONEOS / Anderson Mesa / 699*

Jelena Lane (b. 1993), Event Coordinator at Lowell Observatory, brings the outreach programs to under served groups in the community. She organizes special events that involve partnerships with local businesses and facilitates the rental of venues for science conferences and other functions.

**(27158) Benedetti-Rossi = 1998 YZ<sub>29</sub>**

*Discovery: 1998-12-27 / LONEOS / Anderson Mesa / 699*

Gustavo Benedetti-Rossi (b. 1985) is a postdoctoral associate at the Paris Observatory (Meudon, France). His studies include Pluto, trans-Neptunian objects, centaurs, and studying small-body rings through stellar occultations.

**(27169) Annelabruzzo = 1999 AS<sub>23</sub>**

*Discovery: 1999-01-14 / LONEOS / Anderson Mesa / 699*

Anne LaBruzzo (b. 1960) is the Deputy Director for Administration at Lowell Observatory. She manages the Observatory's business office and all of its financial matters, which include numerous federal grants and contracts as well as an operating budget that nearly tripled between 2010 and 2020.

**(27172) Brucekosaveach = 1999 AN<sub>34</sub>**

*Discovery: 1999-01-15 / LONEOS / Anderson Mesa / 699*

Bruce Kosaveach (b. 1949) is a Philanthropy Manager for Lowell Observatory responsible for raising funds for astronomy research, educational activities, capital building projects, and general support. He is also a former volunteer Lowell Observatory Foundation Trustee.

**(27217) Mattieharrington = 1999 CC<sub>154</sub>**

*Discovery: 1999-02-14 / LONEOS / Anderson Mesa / 699*

Mattie Harrington (b. 1964) is Lowell Observatory's Executive Assistant to the Sole Trustee, the Director, and the development team. She also oversees the donor stewardship program, manages donor events, and assists with grant writing. She previously served as Science Staff Assistant.

**(27248) Schristensen = 1999 VN<sub>210</sub>**

*Discovery: 1999-11-12 / LONEOS / Anderson Mesa / 699*

Samantha Christensen (b. 1982) is the Deputy Director for Education at Lowell Observatory. She oversees all of Lowell's outreach programs with over 100 000 visitors each year. She is also one of the leaders in the design and development of Lowell's upcoming Astronomy Discovery Center.

**(27312) Sconantgilbert = 2000 AD<sub>240</sub>**

*Discovery: 2000-01-06 / LONEOS / Anderson Mesa / 699*

Sarah Conant Gilbert (b. 1989) is the Senior Creative Specialist for Lowell Observatory and has been instrumental in promoting the scientific research and public outreach of the Observatory in print and digital media, as well as defining and updating its brand identity.

**(27362) Morganroche = 2000 EO**

*Discovery: 2000-03-02 / N. Brady / Lake Tekapo / 474*

Morgan Roche Brady (b. 1996) is the daughter of the discoverer.

**(27399) Gehring = 2000 EC<sub>106</sub>**

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

Jeff Gehring (b. 1980) is Lowell Observatory's Technical Facilities Manager, a position he has held since 2019. Prior to that, he was a Machinist and Instrument Maker. He is a vital member of the team that maintains a variety of research and outreach telescopes across multiple different sites.

**(27408) Kellyferguson = 2000 EJ<sub>125</sub>**

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

Kelly Ferguson (b. 1991) is the Education Coordinator for Lowell Observatory. She is responsible for making science and math accessible for the youngest scientists that pass through the Observatory's doors and is the leader of summer and preschool programs on and off the Lowell campus.

**(27504) Denune = 2000 GK<sub>141</sub>**

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

Kimberley Denune (b. 1990) is the Visitor Experience Supervisor for Lowell Observatory. She manages the Starry Skies Gift shop and ticketing desks. Kim is responsible for managing staff and visual merchandising.



**(27510) Lisaactor = 2000 GD<sub>143</sub>**

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

Lisa Actor (b. 1957) is the Deputy Director for Development at Lowell Observatory. She is in charge of all of Lowell's philanthropic activities. She and her team have successfully raised funds for Lowell's many research and outreach programs, as well as for its capital expansion projects.

**(27513) Mishapipe = 2000 GY<sub>169</sub>**

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

Misha Pipe (b. 1990) is an Educator in Lowell Observatory's Native American Astronomy Outreach Program. She uses her talent in relating to children in partnerships with teachers to get kids excited about science. She also designs hands-on activities and organizes summer and winter camps.

**(27521) Josschindler = 2000 HS<sub>26</sub>**

*Discovery: 2000-04-24 / LONEOS / Anderson Mesa / 699*

Jos Schindler (b. 1989) is a Senior Public Program Educator at Lowell Observatory. In that role, they take the Observatory's guests on tours of the historic campus, operate telescopes for the public, and help engage children in science with Lowell Observatory's Camps for Kids.

**(27530) Daveshuck = 2000 HC<sub>66</sub>**

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

Dave Shuck (b. 1971) is the Facilities, Grounds, and Maintenance Manager at Lowell Observatory. He supervises the facilities team, which is instrumental in keeping the campus maintained and looking its best. He plays a vital role in the Mars Hill campus expansion, including the Giovale Open Deck Observatory and the upcoming Astronomy Discovery Center.

**(27532) Buchwald-Wright = 2000 HL<sub>66</sub>**

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

Charles von Buchwald-Wright (b. 1986) is Lowell Observatory's IT Systems and Network Administrator. He maintains infrastructure for more than 100 staff, from scientists to engineers to educators. He also ensures smooth functioning of the computing resources required to operate the telescopes.

**(27537) Dianaweintraub = 2000 HZ<sub>83</sub>**

*Discovery: 2000-04-30 / LONEOS / Anderson Mesa / 699*

Diana Weintraub (b. 1978) is Lowell Observatory's Staff Accountant. She has intricate knowledge of policies that govern the Observatory's finances and is integral to ensuring fiduciary responsibility of our resources. She started by managing the gift shop and has advanced to the business office.

**(27540) Kevinwhite = 2000 HA<sub>100</sub>**

*Discovery: 2000-04-27 / LONEOS / Anderson Mesa / 699*

Kevin White (b. 1981) is Public Program Supervisor at Lowell Observatory. He is responsible for the day-to-day operations associated with the Observatory's public outreach programs. He also oversees volunteer training and leads regular constellations refreshers for the education staff and volunteers.

**(28141) ten Brummelaar = 1998 TC**

*Discovery: 1998-10-02 / LONEOS / Anderson Mesa / 699*

Theo ten Brummelaar (b. 1962) is an Australian-American astronomer at the Georgia State University. He is the Director of the CHARA Array and a leader in the development of the use of optical interferometry throughout the astronomical community.

**(29160) São Paulo = 1989 SP<sub>1</sub>**

*Discovery: 1989-09-26 / E. W. Elst / La Silla / 809*

São Paulo is a city located in south-eastern Brazil. It was founded as a small village in 1554 by Jesuits, and became the capital of the province in 1681. Prior to arrival of the Portuguese, the area was occupied by the Tupi people.

**(35655) Étienneklein = 1998 OJ<sub>6</sub>**

*Discovery: 1998-07-24 / ODAS / Caussols / 910*

Étienne Klein (b. 1958) is a French physicist and philosopher of science. He took part in the development of isotopic separation involving lasers and worked on the design of a superconducting particle accelerator. As a science popularizer he has published numerous books about quantum mechanics and the philosophy of time.

**(51659) Robohachi = 2001 JN<sub>1</sub>**

*Discovery: 2001-05-14 / BATTeRS / Bisei SG Center / 300*

Robohachi is a robot exhibited in the exhibition hall on the 2nd floor of Hachinohe City Children's Science Museum. He has been popular with children as a symbol of the Museum since it first opened. He talks, winks, moves his head from side to side and stretches his arms when his function buttons are pressed.

**(52570) Lauraco = 1997 JC<sub>1</sub>**

*Discovery: 1997-05-01 / Osservatorio San Vittore / Bologna / 552*

Laura Colombini (b. 1986), a European Languages and Cultures graduate of the University of Modena, is the first daughter of one of the co-discoverers of this minor planet.

**(52670) Alby = 1998 DC<sub>3</sub>**

*Discovery: 1998-02-20 / Osservatorio San Vittore / Bologna / 552*

Alberto ("Alby") Colombini (b. 1989) is a graduate accountant, employed in a transport company, and an amateur soccer player. He is the second son of one of the co-discoverers of this minor planet.

**(54510) Yakagehonjin = 2000 PD<sub>7</sub>**

*Discovery: 2000-08-06 / BATTeRS / Bisei SG Center / 300*

Yakage honjin, located in southwestern Okayama, was a traditional accommodation for the daimyo and other Shogunate officials while on the road in the Edo Period. Only upper-class persons could stay or have meals there. It is designated as an important cultural property of Japan.

**(55845) Marco = 1996 RO<sub>2</sub>**

*Discovery: 1996-09-13 / Osservatorio San Vittore / Bologna / 552*

Marco Colombini (b. 1990), an Economics and Commerce graduate of the University of Modena, is employed at a metalworking company. He is the third son of one of co-discoverers of this minor planet.

**(58441) Thomastestoni = 1996 HO<sub>1</sub>**

*Discovery: 1996-04-19 / Osservatorio San Vittore / Bologna / 552*

Thomas Testoni (b. 1984) is a tourist services technician and a computer store manager. He is the son-in-law of one of the co-discoverers of this minor planet.

**(58495) Hajin = 1996 US<sub>1</sub>**

*Discovery: 1996-10-19 / V. S. Casulli / Colleverde / 596*

Ha Jin is the pen name of Xuefei Jin (b. 1956), a Chinese-American writer, poet and essayist. His 1999 novel *Waiting* received the National Book Award for Fiction and the PEN/Faulkner Award. He currently teaches at Boston University (MA).

**(79991) Umbertoleotti = 1999 FW<sub>3</sub>**

*Discovery: 1999-03-19 / Osservatorio San Vittore / Bologna / 552*

Umberto Leotti (b. 1952) was an architect, who from 1973 to 1975 attended the S. Vittore Observatory (Bologna) with the aim of starting research activity on minor planets. He made contact with P. Herget to receive the *Minor Planet Circulars* and with G. A. Chebotarev to receive the annual volume of the *Ephemerides of Minor Planets*.

**(87644) Cathomen = 2000 RJ<sub>77</sub>**

*Discovery: 2000-09-08 / S. Sposetti / Gnosca / 143*

Rita Cathomen (b. 1940) and her husband Ignaz (b. 1934) live in Falera, Switzerland. In 1979, they learned about a possible megalithic menhir formation in Falera. After re-erecting 33 of 34 fallen menhirs, Ignaz provided guided tours during the summer until 2019.

**(90278) Caprese = 2003 DH<sub>9</sub>**

*Discovery: 2003-02-24 / Mario Di Martino, Fabrizio Bernardi \* / Campo Imperatore / 599*

Caprese Michelangelo is a village in the province of Arezzo, Tuscany, Italy. It is the birthplace of the Renaissance artist Michelangelo Buonarroti (1475–1564) and of the astronomer Giovanni Santini (1787–1877), who was director the Astronomical Observatory of Padua from 1817 to 1877.

**(90453) Shawnphillips = 2004 CM**

*Discovery: 2004-02-06 / M. Schwartz, P. R. Holvorcem / Nogales / 926*

Shawn Phillips (b. 1943) is a singer/songwriter. Rooted in folk music, he also performs jazz fusion and funk. Phillips has released 26 albums and worked with many other artists, including Donovan, Steve Winwood and Eric Clapton.

**(129743) Grimaldi = 1999 CF<sub>82</sub>**

*Discovery: 1999-02-15 / S. Donati / Monte Agliale / 159*

Francesco Maria Grimaldi (1618–1663) was one of the first telescopic observers of the Moon. He wrote *De lumine*, the first treatise on the wave nature of light.

**(178014) Meslay = 2006 RG**

*Discovery: 2006-09-01 / C. Rinner / Ottmarsheim / 224*

Christiane Meslay (1957–2019) was the computer engineer who in 1996 introduced the first local ethernet network at the Dax (code 958) observatory. This allowed the discovery of C/1997 J2 via remote control of the telescope and CCD.

**(181661) Alessandro = 2007 YO<sub>47</sub>**

*Discovery: 2007-12-29 / Suno / Suno / 147*

Alessandro Foglia (b. 1968) is the brother of one of the discoverers. He is a financial manager and a leader of the local Astronomy Club and he has introduced astronomy to young people.

**(185579) Jorgejuan = 2008 BS<sub>16</sub>**

*Discovery: 2008-01-29 / OAM / La Sagra / J75*

Jorge Juan y Santacilia (1713–1773) was a Spanish sailor who founded the Royal Observatory of Madrid in 1757. He measured the length of the terrestrial meridian and determined that Earth is an oblate spheroid.

**(231609) Sarcander = 2009 RV**

*Discovery: 2009-09-10 / ESA OGS / ESA OGS / J04*

Michael Sarcander (b. 1955), German astronomer and long-time technical manager of the planetarium in Mannheim, has produced many educational shows for the general public. He has published several hundred observing tips for asteroids reaching a favorable apparition or closely approaching other celestial objects.

**(294814) Nataliakidalova = 2008 CJ<sub>117</sub>**

*Discovery: 2008-02-11 / Andrushivka / Andrushivka / A50*

Natalia Kidalova (b. 1976) is a school teacher of English and Ukrainian language. She was the winner of the Global Teacher Prize Ukraine 2019, an annual national prize for teachers in Ukraine.

**(305238) Maxuehui = 2007 XZ<sub>25</sub>**

*Discovery: 2007-12-15 / Y.-C. Cheng \* / Lulin / D35*

Xue-Hui Ma (b. 1971) is the Director of Ken-Ting Observatory (KTO) in Taiwan. Ma has provided training courses in astronomical observation to more than 2 000 students since the establishment of KTO in the year of 2000. Under his supervision, KTO has become the best educational base in Taiwan for advanced observing technique in astronomy.

**(327632) Ferrarini = 2006 OJ<sub>10</sub>**

*Discovery: 2006-07-24 / M. Ory \* / Vicques / 185*

Valérie Ferrarini (b. 1968) is an amateur astronomer from the south of France. She is a member of the Astronomes Amateurs Aixois de l'Observatoire de Vauvenargues.

**(327989) Howieglatter = 2007 GC<sub>32</sub>**

*Discovery: 2007-04-10 / Astronomical Research Observatory / Charleston / H55*

Charles Howard (“Howie”) Glatter (1946–2017), was a very talented New York-based entrepreneur who developed and manufactured some of astronomy's most sought after state-of-the-art collimation tools. He was also an inventor of several other innovative astronomy products that advanced amateur astronomy.

**(341317) Weissshaidinger = 2007 TE**

*Discovery: 2007-10-01 / R. Gierlinger / Gaisberg / B21*

Lukas Weissshaidinger (b. 1992) is an Austrian discus thrower and shot putter. He won the bronze medal for discus at both the 2018 European Championship and 2019 World Championship.

**(356975) Aspriliopacelli = 1994 TX<sub>1</sub>**

*Discovery: 1994-10-09 / Stroncone / Stroncone / 589*

Asprilio Pacelli (1570–1623) was an Italian composer who was Maestro di Cappella at the Collegio Germanico (Rome) from 1595 to 1601, and at Saint Peter's Basilica in 1602. He then was called to Warsaw by King Sigismund to be director of his Royal Chapel in 1603.

**(364875) Hualookeng = 2008 DP<sub>89</sub>**

*Discovery: 2008-02-29 / PMO NEO Survey Program / XuYi / D29*

Hua Loo-Keng (1910–1985), an academician of Chinese Academy of Sciences, is hailed as the father of modern mathematics in China. Mathematical accomplishments named after him include Hua's Theorem, the Cartan-Brauer-Hua Theorem, Hua's Inequation, the Weil-Hua Inequation and the Hua-Wang Method.

**(365250) Vladimirsurdin = 2009 OF<sub>7</sub>**

*Discovery: 2009-07-26 / T. V. Kryachko / Zelenchukskaya St / 114*

Vladimir Surdin (b. 1953) is a Russian astronomer at Moscow State University. As one of the most famous science communicators in Russia, he has sparked many people's interest in space.

**(374848) Arturomalignani = 2006 VK**

*Discovery: 2006-11-02 / Remanzacco / Remanzacco / 473*

Arturo Malignani (1865–1939) was an Italian inventor from Friuli. Interested in numerous sectors of industry and astronomy, he obtained patents on incandescent lamps, which were later sold to Thomas Edison.

**(400881) Vladimírdolinay = 2010 PY<sub>56</sub>**

*Discovery: 2010-08-07 / T. Vorobjov / Westfield / H21*

Vladimír Dolinay (1981–2020) was a Slovak teacher, civic and local activist, promoter of education and an advocate for building bridges between Slovakia and Slovak minorities abroad, especially in Romania, where he worked as a teacher. He was also an enthusiastic supporter of the project to build a planetarium in Bratislava.

**(541982) Grendel = 2012 FF<sub>87</sub>**

*Discovery: 2012-03-16 / K. Sárnecky, S. Kürti \* / Piskésetető / 461*

Lajos Grendel (1948–2018) was a contemporary Slovakian-Hungarian writer and university teacher. His novels depicted the life and problems of the Hungarian minority in Slovakia.

**(542026) Kaszásattila = 2012 JL<sub>19</sub>**

*Discovery: 2011-03-24 / K. Sárnecky, S. Kürti \* / Piskésetető / 461*

Attila Kaszás (1960–2007) was a Slovak-born Hungarian actor and singer. He was a longtime member of the Comedy Theatre of Budapest (Vígyszínház), and later joined the National Theater. He appeared in many TV films and movies, as well as theater musicals.

**(555112) Monika = 2013 QS<sub>96</sub>**

*Discovery: 2013-08-30 / M. Kusiak, M. Żołnowski \* / Tincana / D03*

Monika Ponikiewska (b. 1985) is the fiancée of Michal Kusiak. For several years, she has been mapping new mountain trails and routes in the Beskidy Mountains, improving the safety of hikers and improving the attractiveness for tourists.

**(555468) Tokarczuk = 2013 YH<sub>47</sub>**

*Discovery: 2013-09-12 / M. Kusiak, M. Żołnowski \* / Tincana / D03*

Olga Tokarczuk (b. 1962) is a Polish writer and social activist. Her works presents pancultural insight into the eastern European region seen as a land, where large historical events interline with the life of ordinary people. She was awarded the 2018 Nobel Prize in Literature. She is also an activist for the rights of women, minorities and animals.

**(559521) Sonbird = 2015 DM<sub>66</sub>**

*Discovery: 2012-09-08 / M. Kusiak, M. Żołnowski \* / Tincana / D03*

Sonbird is an indie-rock music band from Żywiec in Poland. The members are Kamil Worek (guitar), Dawid Medrzak (vocalist), Maciek Hubczak (drums) and Tomek Kurowski (bass guitar). They have won numerous awards on Polish radio and television.

**(560354) Chrisolan = 2015 FW<sub>291</sub>**

*Discovery: 2013-11-26 / M. Żołnowski, M. Kusiak / Tincana / D03*

Christopher Edward Nolan (b. 1970) is a British-American film director, producer, and screenwriter. He has received 36 Oscar nominations, winning eleven times.

## 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 O1 (Nishimura)	*	<i>MPEC 2021-O47</i>
C/2021 N3 (PANSTARRS)		<i>MPEC 2021-O39</i>
C/2021 N2 (Fuls)		<i>MPEC 2021-N137</i>
C/2021 N1 (ZTF)		<i>MPEC 2021-N115</i>
C/2021 L4 (PANSTARRS)		<i>MPEC 2021-M77</i>
C/2021 L3 (Borisov)	*	<i>MPEC 2021-M75</i>
C/2021 L2 (Leonard)		<i>MPEC 2021-M74</i>
C/2021 K3 (Catalina)		<i>MPEC 2021-M87</i>
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 G3 (PANSTARRS)		<i>MPEC 2021-M86</i>
C/2021 G1 (Leonard)		<i>MPEC 2021-J72</i>
C/2021 E3 (ZTF)		<i>MPEC 2021-J71</i>
C/2020 PV <sub>6</sub> (PANSTARRS)		<i>MPEC 2021-K93</i>
C/2020 F7 (Lemmon)		<i>MPEC 2021-F110</i>
C/2019 U5 (PANSTARRS)		<i>MPEC 2021-G80</i>
C/2014 UN <sub>271</sub> (Bernardinelli-Bernstein)		<i>MPEC 2021-M83</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 <sub>90</sub> = 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>



## Standard Acronyms & Abbreviations

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

AAVSO	American Association of Variable Star Observers
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 22671 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at: [https://minorplanetcenter.net//submit\\_name/login](https://minorplanetcenter.net//submit_name/login)

Registration is required to access this site. Requests for access should be made to [contact@wgsbn-iau.org](mailto: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](mailto:contact@wgsbn-iau.org).



