



# WGSBN Bulletin



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## Editorial Notice

The approval for new names of small bodies is the responsibility of the International Astronomical Union's (IAU) Working Group Small Bodies Nomenclature (WGSBN). For the past few decades, new names of minor planets were considered official once they had appeared in the *Minor Planet Circulars*, published on a roughly monthly schedule by the IAU's Minor Planet Center (MPC). Over the same time frame, the approval for new names lay first with the Minor Planet Names Committee, then the Committee for Small Bodies Nomenclature, then the WGSBN under Division F. This separation of "approval" vs "publication" was different from the procedures used for naming features on planetary surfaces in the WG Planetary System Nomenclature, which has been responsible for both approval and publication.

In order to streamline its work, the WGSBN proposed to the IAU that responsibility for publishing (and therefore making official) the new names of minor planets should move to the WG. The MPC was consulted about this proposed change in policy, and their agreement was forthcoming. The Executive Committee (EC) of the IAU has recently given their approval to the WG's proposal (EC #105).

In the light of the EC decision, the WGSBN will begin announcing new names via a new publication, which will henceforth contain the official announcement of new names. The official name of this publication is "*WGSBN Bulletin*".

The Bulletin will also enable names to be issued on a more frequent schedule, as well as making it much easier to time special name announcements to press releases and special events.

It is important to note that the MPC remains responsible for defining the discovery circumstances of the numbered minor planets. Thus any data included in this Bulletin on discovery circumstances is for information purposes only.

At the current time, there is no change in the procedures that discoverers use to make new name proposals.

## 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.



**(3708) Socus = 1974 FV<sub>1</sub>**

*Discovery: 1974-03-21 / University of Chile / Cerro El Roble / 805*

Socus, defending his brother, wounded Odysseus with a spear throw that would have been fatal had not the goddess Athena deflected it. Odysseus then speared Socus in the back and taunted him as he perished.

**(4035) Thestor = 1986 WD<sub>1</sub>**

*Discovery: 1986-11-22 / K. Suzuki, T. Urata / Toyota / 881*

Thestor was a grandson of Apollo and the father of Kalchas.

**(4489) Dracius = 1988 AK**

*Discovery: 1988-01-15 / E. Bowell / Anderson Mesa / 688*

Dracius was one of the commanders of the Epeans who fought to protect the Argive ships from Hektor's attack.

**(4715) Medesicaste = 1989 TS<sub>1</sub>**

*Discovery: 1989-10-09 / Y. Oshima / Gekko / 888*

Medesicaste was a daughter of Priam who was married to Imbrius.

**(5258) Rhoeo = 1989 AU<sub>1</sub>**

*Discovery: 1989-01-01 / Y. Oshima / Gekko / 888*

Rhoeo was thrown in the ocean locked in a chest after her father learned she was pregnant. She was guided by Apollo, her lover, to the island of Delos where she gave birth to Anius, who later prophesied that the siege of Troy would go on for ten years.

**(5311) Rutherford = 1981 GD<sub>1</sub>**

*Discovery: 1981-04-03 / A. C. Gilmore, P. M. Kilmartin / Lake Tekapo / 474*

Ernest Rutherford (1871–1937), born and educated in New Zealand, won the 1908 Nobel Prize for Chemistry for his work on radioactive disintegration of elements. He was the first to develop radioactive dating of the Earth, established the nuclear atom, and predicted the existence of the neutron.

**(5346) Benedetti = 1981 QE<sub>3</sub>**

*Discovery: 1981-08-24 / H. Debehogne / La Silla / 809*

Mario Benedetti (1920–2009) was an internationally-renowned Uruguayan writer and member of the so-called 45 Generation of writers, essayists and poets. He received several national and international awards, including the VII Premio Reina Sofia de Poesia Iberoamericana in 1999.

**(5648) Axius = 1990 VU<sub>1</sub>**

*Discovery: 1990-11-11 / K. Endate, K. Watanabe / Kitami / 400*

Axius is a river god who was the grandfather of the Trojan ally Asteropeios and father of Pelegon who he conceived with the mortal woman Periboea.

**(5766) Carmelofalco = 1986 QR<sub>3</sub>**

*Discovery: 1986-08-29 / H. Debehogne / La Silla / 809*

Carmelo Falco (b. 1978) is an enthusiastic amateur astronomer with great scientific and technological skills. He is president of the Ettore Majorana amateur astronomers association and scientific director of the Lematre Observatory in Racalmuto (Sicily).

**(5834) Kasai = 1992 SZ<sub>14</sub>**

*Discovery: 1992-09-28 / S. Ueda, H. Kaneda / Kushiro / 399*

Kiyoshi Kasai (b. 1947) was principal flutist with the Symphony Orchestra Basel (Switzerland). He is also an amateur astronomer and has discovered more than 80 new variable stars.

**(6090) Aulis = 1989 DJ**

*Discovery: 1989-02-27 / H. Debehogne / La Silla / 809*

Aulis was the port in Boetia where the Greek fleet gathered to set sail for Troy and where Iphigenia was sacrificed by Agamemnon.

**(7431) Jettaguilar = 1993 FN<sub>41</sub>**

*Discovery: 1993-03-19 / UESAC / La Silla / 809*

Jose A. “Jett” Aguilar (b. 1961) is a Filipino neurosurgeon who has saved over one thousand children in the Philippines by volunteering his time and surgical expertise to treat their congenital malformations and brain tumors. He is also an amateur astronomer and serves as vice president of the Astronomical League of the Philippines.

**(7593) Cernuschi = 1992 WP<sub>4</sub>**

*Discovery: 1992-11-21 / E. F. Helin / Palomar / 675*

Félix Cernuschi (1907–1999) was an Uruguayan physicist and astrophysicist who held academic positions at Princeton, Harvard, University of Buenos Aires and the University of the Republic, Uruguay. In 1955 he founded Uruguay's first university institution devoted to high-level education and research in physics and astronomy.

**(7641) Cteatus = 1986 TT<sub>6</sub>**

*Discovery: 1986-10-05 / M. Antal / Pivnice / 092*

Cteatus was born a conjoined twin of Eurytus and later was the father of Amphimachus.

**(7916) Gigiproietti = 1981 EN**

*Discovery: 1981-03-01 / H. Debehogne, G. De Sanctis / La Silla / 809*

Gigi Proietti (1940–2020) was an Italian theater actor, comedian, film actor and director, voice actor, singer, artistic director and director of Italian dubbing. He was a great mentor for many young actors. Name suggested by M. Di Martino.

**(8099) Okudoiyoshimi = 1993 TE**

*Discovery: 1993-10-08 / H. Abe, S. Miyasaka / Yatsuka / 367*

Yoshimi Okudoi (b. 1992) is a member of the Matsue Astronomy Club. She is an architect and has written a paper “Observation Room Features and Problems of Public Observatories in Japan”.

**(8639) Vonšovský = 1986 VB<sub>1</sub>**

*Discovery: 1986-11-03 / A. Mrkos / Klet' / 046*

Břetislav Vonšovský (1937–2019) was the chairman of South Bohemian branch of the Czech Astronomical Society. He led Táborský Observatory as an enthusiastic popularizer of astronomy for 41 years. He dealt with lectures for schools and general public and was interested in stellar occultations.

**(9799) Thronium = 1996 RJ**

*Discovery: 1996-09-08 / T. B. Spahr / Catalina Station / 693*

Thronium, near the river Boagrius, was one of the places from which the Locrians joined the Achean forces.

**(11395) Iphinous = 1998 XN<sub>77</sub>**

*Discovery: 1998-12-15 / LINEAR / Socorro / 704*

Iphinous was killed by Glaukos in hand-to-hand combat.

**(11443) Youdale = 1977 CP**

*Discovery: 1977-02-11 / E. Bowell / Palomar / 675*

Jack Youdale (1932–2017) was a British amateur astronomer, telescope maker and public outreach advocate. He was Honorary President of the Cleveland and Darlington Astronomical Society from 1979 until his death, and he had a monthly astronomy slot on local radio for over 20 years.

**(12010) Kovářov = 1996 UN**

*Discovery: 1996-10-18 / J. Tichá, M. Tichý \* / Klet' / 046*

Kovářov, first mentioned in 1220, is a south Bohemian village situated in a pleasant hilly landscape near Milevsko. It is known for its rich community life, including living folk customs as well as for its Gothic church and Brokoff's baroque statues. Its Czech name originates from blacksmith work.

**(12929) Periboea = 1999 TZ<sub>1</sub>**

*Discovery: 1999-10-02 / C. W. Juels / Fountain Hills / 678*

Periboea was the grandmother of the Trojan ally Asteropaios and mother of Pelegon who she conceived by way of the river god Axius.

**(12987) Racalmuto = 1981 EF<sub>2</sub>**

*Discovery: 1981-03-05 / H. Debehogne, G. De Sanctis / La Silla / 809*

Racalmuto is a town in Sicily with Greek and Roman origins. The municipal astronomical observatory promotes astronomical research and dissemination.

**(13862) Elais = 1999 XT<sub>160</sub>**

*Discovery: 1999-12-08 / LINEAR / Socorro / 704*

Elais was a daughter of Anius with the power to change berries into olive oil. She and her two sisters, Oeno and Spermo, who had the power to make wine and wheat, helped stock Agamemnon's fleet on their way to Troy and were turned into doves to escape being kidnapped by the Greeks.

**(14037) Takakikasahara = 1995 EZ<sub>7</sub>**

*Discovery: 1995-03-05 / M. Hirasawa, S. Suzuki / Nyukasa / 408*

Takaki Kasahara (b. 1963) is a Japanese engineer. He is in charge of maintaining the astronomical telescope system for public observatories, such as the 0.91-m reflector telescope at Mt. Dodaira, and is developing laser autofocus system for microscopes. He is sometimes asked by camera companies to write articles about astrophotography.

**(14541) Sacrobosco = 1997 SF**

*Discovery:* 1997-09-20 / J. Tichá, M. Tichý \* / Klet' / 046

Johannes de Sacrobosco (c. 1200–c. 1256) was an English astronomer at the University of Paris, and author of the Latin treatise *Tractatus de sphaera mundi* (1220–1230). It was the most popular medieval textbook on the elements of astronomy and geocentric cosmology, based heavily on Ptolemy's *Almagest*, and was used until the 17th century.

**(15436) Dexius = 1998 VU<sub>30</sub>**

*Discovery:* 1998-11-10 / LINEAR / Socorro / 704

Dexius was the father of Iphinous.

**(15440) Eioneus = 1998 WX<sub>4</sub>**

*Discovery:* 1998-11-19 / CSS / Catalina / 703

Eioneus was killed by a spear from Hektor.

**(16026) Victoriapidgeon = 1999 CM<sub>118</sub>**

*Discovery:* 1999-02-13 / LINEAR / Socorro / 704

Victoria Pidgeon Andrews (b. 1956) did outstanding work for the NASA Planetary Defense Coordination Office. She guided the efforts of the US Government Interagency Working Group to develop the National Near Earth Object Preparedness Strategy and Action Plan to its publication on 2018 June 20.

**(16070) Charops = 1999 RB<sub>1</sub>**

*Discovery:* 1999-09-08 / LINEAR / Socorro / 704

Charops was a son of Hipposus, and brother to Socus. He was wounded by Odysseus in battle and defended by his brother.

**(16111) Donstrittmatter = 1999 XT<sub>4</sub>**

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

Donald J. Strittmatter (1935–2020) worked at Hughes Aircraft for 37 years retiring in 1994. He became President of the Tucson Amateur Astronomers in 1958 serving until 1976. In the late 1950s he was active in the Moonwatch program and known for photography of satellites and comets and teaching telescope making classes.

**(17270) Nolthenius = 2000 LB<sub>2</sub>**

*Discovery:* 2000-06-04 / J. Broughton / Reedy Creek / 428

Richard Nolthenius (b. 1952) is a Californian astronomer with publications on subjects as diverse as dark matter, galaxies, black holes, asteroids and climate change. A well-known teacher, he developed and runs Cabrillo College's observatory and astronomy program, and is a prolific observer of occultations in his spare time.

**(18060) Zarex = 1999 XJ<sub>156</sub>**

*Discovery:* 1999-12-08 / LINEAR / Socorro / 704

Zarex, a grandson of Chiron, married Rhoeo after she arrived on Delos and became the step-father of Anius.

**(21121) Andoshoeki = 1992 WV**

*Discovery: 1992-11-16 / K. Endate, K. Watanabe / Kitami / 400*

Ando Shoeki (1703–1762) was a doctor and one of the foremost philosophers of early modern Japan. He desired to create an equal and peaceful symbiotic society based on people's mutual aid.

**(21292) Kanetakoichi = 1996 VQ<sub>8</sub>**

*Discovery: 1996-11-07 / K. Endate, K. Watanabe / Kitami / 400*

Koichi Kaneta (b. 1946) became enthralled with total eclipses after witnessing his first in Hokkaido, Japan in 1963. Since then, he has taken part in solar eclipse expeditions to every corner of the world. In China, he witnessed the 2009 total eclipse on what was his sixth expedition.

**(21293) Fujimotoyoshi = 1996 VS<sub>8</sub>**

*Discovery: 1996-11-07 / K. Endate, K. Watanabe / Kitami / 400*

Toyoshi Fujimoto (b. 1960) worked for 37 years as a science teacher in a Japanese elementary school. He guided young people in astronomical observations and raised their interest in astronomy.

**(21294) Yamaguchiyuko = 1996 VZ<sub>8</sub>**

*Discovery: 1996-11-07 / K. Endate, K. Watanabe / Kitami / 400*

Yuko Yamaguchi (1952–2019) was an artist who painted wooden tablets that were offered to a Shinto shrine or Buddhist temple when praying for divine protection. She was also active as an amateur astronomer in Hida Furukawa, Japan.

**(22351) Yamashitatoshiki = 1992 UT<sub>2</sub>**

*Discovery: 1992-10-19 / K. Endate, K. Watanabe / Kitami / 400*

Toshiki Yamashita (b. 1934) is a Japanese high school physics teacher. He has undertaken 43 expeditions to view total and annular solar eclipses.

**(22409) Nagatohideaki = 1995 SU<sub>3</sub>**

*Discovery: 1995-09-20 / K. Endate, K. Watanabe / Kitami / 400*

Hideaki Nagato (b. 1943) opened a nursery school and become its principal in Komatsu City, Ishikawa Prefecture, Japan. The school started with six children but now serves more than a thousand children.

**(23135) Pheidas = 2000 AN<sub>146</sub>**

*Discovery: 2000-01-07 / LINEAR / Socorro / 704*

Pheidas was an Athenian warrior who fought to prevent Hektor from reaching the Greek ships.

**(23471) Kawatamasaaki = 1990 TH<sub>3</sub>**

*Discovery: 1990-10-15 / K. Endate, K. Watanabe / Kitami / 400*

Masaaki Kawata (b. 1964) is the director of the Oita Sekizaki Kaiseikan (Observatory and Museum). He makes nightly contributions to his local community by operating the observatory's 0.6-m reflector telescope and contributes to public outreach of astronomy.

**(23562) Hyodokenichi = 1994 TR<sub>1</sub>**

*Discovery: 1994-10-02 / K. Endate, K. Watanabe / Kitami / 400*

Kenichi Hyodo (b. 1967) is a well-known amateur astronomer in Ehime Prefecture and keen observer and photographer of comets, nebulae and star clusters. He is currently a member of the Oriental Astronomical Association and Astronomical Society of Oita.

**(23738) van Zyl = 1998 JZ<sub>1</sub>**

*Discovery: 1998-05-01 / NEAT / Haleakala / 566*

Jakob “Japie” van Zyl (1957–2020) was a pioneer in understanding the Earth system using remote sensing data. A prolific researcher, passionate mentor, and outstanding leader, Jakob rose throughout his 33-year JPL career to become Director of Solar System Exploration and Associate Director of JPL for Strategy.

**(24380) Dorippe = 2000 AA<sub>160</sub>**

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

Dorippe was ransomed by Anius from pirates who had kidnapped her. Dorippe had three daughters with Anius—Elais, Oeno, and Spermio.

**(24420) Thasos = 2000 BU<sub>22</sub>**

*Discovery: 2000-01-29 / Spacewatch / Kitt Peak / 691*

Thasos was one of three sons of Anius. He was devoured by a pack of dogs on his home island of Delos.

**(24426) Belova = 2000 CR<sub>12</sub>**

*Discovery: 2000-02-02 / LINEAR / Socorro / 704*

Elena Dmitriyevna Novikova-Belova (b. 1947) is a retired fencer from Belarus who became the first woman to win four gold medals during five Olympics from 1968 through 1980. In 2007 she was awarded the Pierre de Coubertin medal by the International Olympic Committee.

**(26097) Kamishi = 1988 VJ<sub>1</sub>**

*Discovery: 1988-11-06 / T. Seki / Geisei / 372*

Kami is a city 20 km east of Kochi city of Japan. It is well-known for its natural beauty and as Japan's only landing site of a stony-iron meteorite. The famous Ryugado limestone cave is also located in the city.

**(26123) Hiroshiyoshida = 1992 OK**

*Discovery: 1992-07-29 / T. Seki / Geisei / 372*

Hiroshi Yoshida (b. 1968) is an amateur astronomer and has been involved in the networking of people running stargazing parties in eastern Japan. He also promotes exchange of information, reporting on research activity, and get-togethers for amateur astronomers involved in outreach activity.

**(26188) Zengqingcun = 1996 YE<sub>2</sub>**

*Discovery: 1996-12-22 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327*

Zeng Qingcun (b. 1935) is a leading atmospheric scientist and an Academician of the Chinese Academy of Sciences. He is one of the founders of modern numerical weather forecast by using atmospheric primitive equations in the world, and won the State Preeminent Science and Technology Award of China in 2019.

**(26438) Durling = 1999 YE<sub>13</sub>**

*Discovery: 1999-12-30 / LONEOS / Anderson Mesa / 699*

Susanne Durling (b. 1934) is a long-time member of Lowell Observatory's Advisory Board. As a member of the Board Sue gives of her time and talent. She also serves on the Putnam Collection Center Committee, which advises on the preservation of Lowell's collection of artifacts.

**(26636) Ericabroman = 2000 HX<sub>57</sub>**

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

Erica A. Broman (b. 1959) is the Trustee Designate for Lowell Observatory and is the great-grandniece of Percival Lowell. Erica is a long-time member of Lowell Observatory's Advisory Board and the current Vice President for Institutional Advancement of Westfield State University.

**(26748) Targovnik = 2001 HP<sub>50</sub>**

*Discovery: 2001-04-23 / LONEOS / Anderson Mesa / 699*

Selma Targovnik (b. 1936) is a long-time member of Lowell Observatory's Advisory Board. She retired from her dermatology practice where she served helping members of the U.S. military. Selma gives selflessly of her time and talent to Lowell Observatory and to her dance group.

**(26806) Kushiike = 1982 KX<sub>1</sub>**

*Discovery: 1982-05-22 / H. Kosai, K. Hurukawa / Kiso / 381*

Kushiike was the old village (now part of Joetsu city, Niigata prefecture, Japan) known for the meteorite that fell on 1920 Sept. 16. A public astronomical observatory was built in commemoration of the meteorite and has become a center for education and astronomy outreach in the southern Niigata area.

**(27005) Dariaguidetti = 1998 DR<sub>35</sub>**

*Discovery: 1998-02-27 / G. Forti, M. Tombelli / Cima Ekar / 098*

Daria Guidetti (b. 1978), Italian astrophysicist and science communicator, has made major research contributions to the field of extragalactic radioastronomy. She is an author and a presenter of the national TV program Cosmo, about astronomy and space exploration.

**(27524) Clousing = 2000 HZ<sub>33</sub>**

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

Wayne Clousing (b. 1949) is a retired teacher, formerly of Watson Groen Christian School. He taught the 6th grade from 1974 to 2014, inspiring students to pursue interests in science, math and technology.

**(28235) Kasparvonbraun = 1999 AL<sub>8</sub>**

*Discovery: 1999-01-07 / LONEOS / Anderson Mesa / 699*

Kaspar von Braun (b. 1971) is a German astronomer at the Lowell Observatory. His research interests in optical interferometry, stellar fundamental properties, and precision photometry guide his work in characterizing extrasolar planets.

**(28245) Cruise = 1999 AV<sub>37</sub>**

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

Sallie Cruise (b. 1958) is a singer, musician and philanthropist from Hobart, Australia. Her stalwart support of the arts and literature have improved the communities around her.

**(28342) Haverhals = 1999 FB<sub>9</sub>**

*Discovery: 1999-03-19 / LONEOS / Anderson Mesa / 699*

Peter Haverhals (b. 1950) is a retired teacher, formerly of Watson Groen Christian School. He taught junior and senior high school students for almost two decades, inspiring students in math, literature, and the fundamentals of good judgment.

**(28958) Binns = 2001 CQ<sub>42</sub>**

*Discovery: 2001-02-13 / LINEAR / Socorro / 704*

Hilda May (Torok) Binns (b. 1945) is a retired multi-sport athlete who won Canada's first Paralympic gold medal in Tel Aviv in 1968. She won a total of six medals in two Paralympics and many medals and honors in other national and international competitions.

**(29897) Kossen = 1999 GM<sub>61</sub>**

*Discovery: 1999-04-07 / LONEOS / Anderson Mesa / 699*

H. Rose Kossen (b. 1935, née Hoitenga) is a retired teacher, formerly of Watson Groen Christian School. She taught high school literature, challenging students to think deeply about the world around them.

**(30831) Seignovert = 1990 TO<sub>14</sub>**

*Discovery: 1990-10-14 / K. J. Lawrence, E. F. Helin / Palomar / 675*

Benoît Seignovert (b. 1990) earned his PhD from the University of Reims, France. His research focuses on Titan's surface and atmosphere. He developed and maintains the Cassini/VIMS data portal that hosts the complete dataset of spectral cubes of Saturn's icy moons observed during the Cassini mission.

**(34746) Thoon = 2001 QE<sub>91</sub>**

*Discovery: 2001-08-22 / LINEAR / Socorro / 704*

Thoon was a Trojan warrior killed by Odysseus.

**(34978) van't Hoff = 1901 T-3**

*Discovery: 1977-10-17 / C. J. van Houten, I. van Houten-Groeneveld, T. Gehrels / Palomar / 675*

The Dutch physical chemist Jacobus Henricus van't Hoff (1852–1911) was awarded the first Nobel Prize in Chemistry in 1901. The award was for his work showing that the laws describing the behavior of very dilute solutions resemble the laws describing the behavior of gases.

**(35391) Uzan = 1997 XN<sub>3</sub>**

*Discovery: 1997-12-03 / ODAS / Caussols / 910*

Jean-Philippe Uzan (b. 1969) is a French theoretical physicist, renowned for his research on gravitation and relativistic cosmology. He has received several awards, including the Georges Lemaître prize, and is deeply involved in scientific outreach both by publishing popular books and mixing art and science.

**(35429) Bochardesaron = 1998 BW<sub>4</sub>**

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

Jean-Baptiste-Gaspard Bochard de Saron (1730–1794) was a French magistrate and president of the Paris parliament. An amateur astronomer and mathematician, he was the first to compute a circular orbit for Uranus, and he computed orbits for many of Messier's comets until his death during the French Revolution.

**(35444) Giuliamarconcini = 1998 BU<sub>43</sub>**

*Discovery: 1998-01-25 / U. Munari, M. Tombelli / Cima Ekar / 098*

Giulia Marconcini (b. 1991) has a masters degree in construction engineering-architecture with honors. Her first work was the reinforced concrete structure supporting the dome of the astronomical observatory K83 "Beppe Forti" in Montelupo Fiorentino.



**(35462) Maramkaire = 1998 DW<sub>23</sub>**

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

Maram Kaire (b. 1978) is a Senegalese astronomer and founder of the Senegalese Association for the Promotion of Astronomy. He has supervised stellar occultation missions in collaboration with NASA. He is a member of the African Initiative for Planetary and Space Science and the representative of the IAU in Senegal.

**(35465) Emilianoricci = 1998 DF<sub>33</sub>**

*Discovery: 1998-02-27 / U. Munari, M. Tombelli / Cima Ekar / 098*

Emiliano Ricci (b. 1964) is an Italian science journalist and writer, known for his popularization of astronomy and physics. An astronomy enthusiast from a young age, he is the founder of the Florentine Astronomical Society.

**(37865) Georgesattard = 1998 FS<sub>15</sub>**

*Discovery: 1998-03-28 / ODAS / Caussols / 910*

Georges Attard (b. 1957) is a French computer scientist and program manager in the aerospace industry. He has developed a number of image processing algorithms and has contributed to digital mapping and satellite imagery software.

**(38050) Bias = 1998 VR<sub>38</sub>**

*Discovery: 1998-11-10 / LINEAR / Socorro / 704*

Bias was an Athenian warrior, described as stalwart, who fought to prevent Hektor from reaching the Greek ships.

**(39285) Kipkeino = 2001 BP<sub>75</sub>**

*Discovery: 2001-01-26 / Spacewatch / Kitt Peak / 691*

Kipchoge Keino (b. 1940) won the 1500-m event at the 1968 Olympics by a record-setting margin of 20 meters. His running career spanned 1962 to 1973. After retiring, he and his wife, Phyllis, worked to educate and care for orphans in Kenya. In 2016 he was awarded the first Olympic Laurel for education, culture, development and peace through sport.

**(39795) Marson = 1997 SF<sub>28</sub>**

*Discovery: 1997-09-30 / Spacewatch / Kitt Peak / 691*

Roberto Marson (1944–2011) was a multi-sport athlete who competed in four Paralympics from 1964 to 1976 winning a total of 26 medals. He was named Outstanding Athlete at the 1968 games after winning ten gold medals. He was added to the International Paralympian Hall of Fame in 2012.

**(43212) Katosawao = 2000 AL<sub>113</sub>**

*Discovery: 2000-01-05 / LINEAR / Socorro / 704*

Sawao Kato (b. 1946) competed in three Olympics from 1968 to 1976 winning twelve medals in gymnastics including eight gold medals, the most for any Japanese Olympic athlete. He was inducted into the International Gymnastics Hall of Fame in 2001.

**(43436) Ansschut = 2000 YD<sub>42</sub>**

*Discovery: 2000-12-30 / LINEAR / Socorro / 704*

Johanna “Ans” Boekema-Schut (b. 1944) set an Olympic record in speed skating at the 1968 Olympics as a member of the Netherlands Olympic team. She set several world records in international events the following year. She retired from competition in 1971.

**(45699) Maryalba = 2000 EO<sub>199</sub>**

*Discovery: 2000-03-01 / CSS / Catalina / 703*

Mary Alba (b. 1957) is the daughter of Walter and Peggy Haas, founders of the Association of Lunar and Planetary Observers (ALPO). On her own she has been a strong supporter of the organization, encouraging observers and taking her displays of ALPO history to national astronomical meetings.

**(45855) Susumuyoshitomi = 2000 TA<sub>2</sub>**

*Discovery: 2000-10-03 / BATTeRS / Bisei SG Center / 300*

Susumu Yoshitomi (b. 1948) is one of the directors of the Japan Space Forum. He contributed greatly to the construction of Bisei Spaceguard Center.

**(45878) Sadaoaki = 2000 WX<sub>29</sub>**

*Discovery: 2000-11-23 / BATTeRS / Bisei SG Center / 300*

Sadao Aoki (b. 1962) is one of the staff of the Japan Space Forum. For many years, he has contributed greatly to the operation and facility maintenance of the Bisei Spaceguard Center.

**(47707) Jamieson = 2000 DB<sub>15</sub>**

*Discovery: 2000-02-26 / CSS / Catalina / 703*

Harry D. Jamieson (b. 1945) was one of the leading lights of the Association of Lunar and Planetary Observers in the 1960–2000 period, alternately serving as a Lunar Recorder, Board Member, Membership Secretary and then Director (1998–2000). During this time he organized their Lunar Dome program.

**(48200) Nishiokatakashi = 2001 KU<sub>1</sub>**

*Discovery: 2001-05-19 / BATTeRS / Bisei SG Center / 300*

Takashi Nishioka (b. 1936) contributed to the promotion and development of Japan's aerospace industry, such as leading the domestic production of commercial aircrafts and initiating the privatization of rocket launch services. He is the chairman of the Japan Space Forum.

**(48886) Jonanderson = 1998 JA<sub>4</sub>**

*Discovery: 1998-05-07 / ODAS / Caussols / 910*

John Roy Anderson (b. 1944), known professionally as Jon Anderson, is one of the founders of the progressive rock band Yes. He has also recorded many solo albums and collaborated with many musicians, including Vangelis and Mike Oldfield. His alto tenor voice is one of the most recognizable in the prog rock scene.

**(50855) Williamschultz = 2000 FK<sub>55</sub>**

*Discovery: 2000-03-30 / CSS / Catalina / 703*

William Schultz, Jr. (1904–1975) was with the Cranbrook school system in Bloomfield Hills, Michigan from 1930 to 1969. A man of many interests (astronomy, mineralogy, ham radio), he refurbished the Cranbrook (now Hulbert) Observatory. He built their first planetarium, becoming the first Resident Astronomer.

**(58164) Reiwanohoshi = 1989 WV<sub>3</sub>**

*Discovery: 1989-11-20 / T. Seki / Geisei / 372*

Following the April 2019 abdication of Japan's Heisei Emperor, the new Reiwa Era began. As “Reiwa” means peace and harmony, “Reiwanohoshi” (“the star of Reiwa”) is named to symbolize Japan going into a new peaceful era, free of natural disasters.

**(59964) Pierremartin = 1999 RM<sub>235</sub>**

*Discovery: 1999-09-08 / CSS / Catalina / 703*

Rene Pierre Martin (b. 1964) is an astronomer who held post doc fellowships with Steward Observatory, and with the ESO NTT in Chile. He was director at both the CFHT and the WIYN 3.5-m Observatory. He teaches astronomy and inspires young minds at UH Hilo. He is a drummer, like his idol Neil Peart.

**(63307) Barbarawilson = 2001 FG<sub>9</sub>**

*Discovery: 2001-03-21 / Needville / Needville / 735*

Barbara Wilson (1947–2019) was an accomplished visual astronomer, mentor, Texas Star Party speaker chairman, and the director of the George Observatory for many years. She was a virtual “who's who” in amateur astronomy with an infectious love of the night sky, and was cited in many astronomy presentations.

**(75969) Backhouse = 2000 CE<sub>112</sub>**

*Discovery: 2000-02-07 / CSS / Catalina / 703*

Thomas William Backhouse (1842–1920) had an observatory on the roof of his house in Sunderland, England. He observed meteors, variable stars, novae, aurorae, Zodiacal Light, Green Flash, Gegenschein, comets and eclipses (including four total solar). In 1858 he began his “astronomical journal” diary, which ran for 36 volumes.

**(75971) Unkingalls = 2000 CK<sub>112</sub>**

*Discovery: 2000-02-07 / CSS / Catalina / 703*

Albert (“Unk”) Ingalls (1888–1958) helped father amateur telescope making in the United States in the 1920s ushering in an era of amateur astronomy. He published many articles in *Scientific American* and was the editor of *Amateur Telescope Making* which was responsible for the construction of thousands of telescopes.

**(75972) Huddleston = 2000 CM<sub>112</sub>**

*Discovery: 2000-02-07 / CSS / Catalina / 703*

Marvin Huddleston (b. 1955) is an amateur astronomer living in Mesquite, Texas. He is a member of the Association of Lunar and Planetary Observers, the Royal Astronomical Society of London and a storm spotter with the meteorological group “Texas Coccorahs”.

**(77044) Galera-Rosillo = 2001 CE<sub>42</sub>**

*Discovery: 2001-02-15 / La Palma / La Palma / 950*

Rebeca Galera-Rosillo (1988–2020) was a promising young Spanish scientist who earned her masters in astrophysics from the University of La Laguna. At the time of her death, she was close to defending her doctoral research on planetary nebulae at the Instituto de Astrofísica de Canarias.

**(82361) Benitologyola = 2001 MV<sub>6</sub>**

*Discovery: 2001-06-23 / R. Dyvig \* / Badlands / 918*

Benito Loyola (b. 1961) is a retired US Navy Captain Naval Aviator and graduate of the US Naval Academy, who developed award-winning 3-D modeling and simulation technologies. He is an amateur astronomer currently engaged in a NASA-Hampton University Jupiter-asteroid impact detection project.

**(95072) ČVUT = 2002 AW<sub>66</sub>**

*Discovery: 2002-01-15 / M. Tichý \* / Klet' / 046*

České vysoké učení technické (ČVUT, The Czech Technical University) in Prague is one of the biggest and oldest technical universities in Europe. It was established at the initiative of Josef Christian Willenberg in 1707. Currently it has eight faculties, about 18 000 students, and its own nuclear reactor.

**(100728) Kamenice n Lipou = 1998 CK**

*Discovery: 1998-02-02 / M. Tichý, Z. Moravec / Klet' / 046*

Kamenice nad Lipou is a small town situated in the Bohemian-Moravian Highlands. The first written evidence of the town dates back to 1267. Kamenice nad Lipou arose as a feudal town belonging to Benešovic castle. Relatives of the first discoverer live in Kamenice and the surrounding area.

**(101462) Tahupotiki = 1998 WW<sub>7</sub>**

*Discovery: 1998-11-25 / I. P. Griffin / Cocoa / 758*

Tahu Potiki (1966–2019) was an important New Zealand Maori leader. He served as chief executive of Te Runanga o Ngai Tahu between 2002 and 2006. Born in Palmerston, he grew up in Karitane. In addition to his immense contributions to the community he was also a noted authority on the history of his iwi, Ngai Tahu.

**(102617) Allium = 1999 VC<sub>23</sub>**

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

Allium is a plant that has been used worldwide for millennia. Among a multitude of varieties, *A. sativum* is the common cultivated sort and can be found almost yearlong, but in spring, in Gnosca and surrounding areas, people harvest and eat the delicious *A. ursinum*.

**(110702) Titostagno = 2001 TR<sub>216</sub>**

*Discovery: 2001-10-13 / CINEOS / Campo Imperatore / 599*

Tito Stagno (b. 1930) is an Italian TV journalist. As a reporter, he followed the whole series of Apollo missions and in 1969 made live commentary of the landing of the first man on the Moon. Name suggested by M. Morelli and M. Di Martino.

**(112338) Seneseconte = 2002 NX<sub>5</sub>**

*Discovery: 2002-07-10 / CINEOS / Campo Imperatore / 599*

Senese Antonella (b. 1960) and Conte Paolo (b. 1961) are science communicators, working mainly in schools, explaining the sky with planetariums, telescopes and laboratories. Paolo is also editor and host of Radio3Scienza, the daily radio science broadcast of RAI, the national public broadcasting company of Italy.

**(113671) Sacromonte = 2002 TM<sub>96</sub>**

*Discovery: 2002-10-13 / L. Buzzi \* / Schiaparelli / 204*

Sacro Monte is a small mountain just north of the city of Varese, where fourteen chapels and a sanctuary were built between 1604 and 1623, dedicated to the mysteries of the Rosary. Since 2003, Sacro Monte is a UNESCO World Heritage site.

**(119846) Goshiina = 2002 CL<sub>46</sub>**

*Discovery: 2002-02-06 / R. A. Tucker / Goodricke-Pigott / 683*

Go Shiina (b. 1974) is a Japanese music composer and arranger. He has composed music for many video games, anime series and films, including the soundtrack of the popular Demon Slayer anime with Yuki Kajiura.

**(121007) Jiaxingnanhu = 1999 AT<sub>9</sub>**

*Discovery: 1999-01-10 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327*

“Jiaxing nanhu” are the Chinese characters for “South Lake of Jiaxing City”. South Lake is one of the three most famous lakes in Zhejiang Province, and is among the most highest-rated scenic areas in China.

**(123794) Deadwood = 2001 BE<sub>42</sub>**

*Discovery: 2001-01-25 / R. Dyvig / Badlands / 918*

The rowdy mining camp of Deadwood, South Dakota, was founded in 1876 during the Black Hills Gold Rush, and was home to many colorful western characters including Wild Bill Hickok, Calamity Jane, and Seth Bullock. Name suggested by the Deadwood High School Class of 1961.

**(124398) Iraklisimonia = 2001 QK<sub>197</sub>**

*Discovery: 2001-08-22 / R. A. Tucker / Goodricke-Pigott / 683*

Irakli Simonia (b. 1961) created the world's first PhD program in archaeoastronomy at Ilia State University where he has pioneered the study of astronomy in ancient Georgia. He is author of more than 80 scientific papers on the history of astronomy, cometary astrophysics, meteorites and Trans-Neptunian Objects.

**(126906) Andykulessa = 2002 EX<sub>114</sub>**

*Discovery: 2002-03-10 / R. A. Tucker / Goodricke-Pigott / 683*

Andrew “Andy” S. Kulessa (b. 1960) is an Australian scientist who is an expert on tropospheric propagation phenomena, and of micro- and meso-scale meteorological effects on electronic communications. He is an active researcher in astrophysical phenomena, stellar/galactic dynamics, and characteristics of variable stars.

**(127477) Fredalee = 2002 RS<sub>211</sub>**

*Discovery: 2002-09-14 / R. A. Tucker / Goodricke-Pigott / 683*

Freda Denham Lee (1914–1991) was a highly regarded teacher; her career spanned the dawn of the Space Age. Though not trained in science, her science-minded students found a tireless mentor who effectively guided independent explorations. She gifted such students fulfilling science and engineering careers.

**(128228) Williammarsh = 2003 SV<sub>123</sub>**

*Discovery: 2003-09-18 / R. A. Tucker / Goodricke-Pigott / 683*

William H. Marsh (1926–2004) was an American professor of speech, debate, and drama in secondary schools and university systems. He was dedicated to his students and taught them to communicate effectively in many venues. His students became engineers, scientists, lawyers, and thespians.

**(128593) Balfourwhitney = 2004 QU<sub>6</sub>**

*Discovery: 2004-08-20 / R. A. Tucker / Goodricke-Pigott / 683*

Balfour S. Whitney (1903–1993) was an American astronomer who spent his long life teaching astronomy and studying variable stars. He specialized in photographic photometry, taking over 72 000 plates for the study of eclipsing variables. Many of his students became professional astronomers.

**(128795) Douglaswalker = 2004 RG<sub>222</sub>**

*Discovery: 2004-09-13 / R. A. Tucker / Goodricke-Pigott / 683*

Douglas K. Walker (b. 1955) is an American engineer and astronomer. He specializes in statistical analysis and system modeling for defense applications. A midlife career change, and experience teaching astronomy, led to his PhD in astronomy. He continues his work on variable stars as well as defense project consulting.

**(128882) Jennydebenedetti = 2004 SX<sub>55</sub>**

*Discovery: 2004-09-22 / R. A. Tucker / Goodricke-Pigott / 683*

Jennifer C. DeBenedetti (b. 1982) is a respected American teacher of elementary grade students. She develops science curricula, and guides her students to myriad award-winning science, engineering, and robotic projects. She specializes in highly innovative independent student research projects.

**(131181) Žebrák = 2001 CT<sub>41</sub>**

*Discovery: 2001-02-15 / P. Pravec, L. Šarounová / Ondřejov / 557*

Žebrák is a historic town in Central Bohemia, known for its medieval castles of Žebrák and Točnick, a meteorite fall in 1824, and its creative astronomical observatory active in the field of public education.

**(134292) Edwardhall = 2006 DF<sub>8</sub>**

*Discovery: 2006-02-20 / Mt. Lemmon Survey / Mount Lemmon / G96*

Edward Hall (1942–2020) earned a Ph.D. at Northwestern University. He was instrumental in the development of silicon-based sensors and gallium arsenide devices at Motorola. Hall later was director of the Arizona State University nanofabrication laboratory and executive associate dean of their School of Engineering.

**(136795) Tatsunokingo = 1997 BQ**

*Discovery: 1997-01-16 / T. Hasegawa / Kiso / 381*

Tatsuno Kingo (1854–1919) was a Japanese architect, born in Karatsu, Saga Prefecture. He was a leading Japanese modern architect, and he taught many students. He was best known as the designer of the Bank of Japan building (Tokyo) and Tokyo railway station.

**(172430) Sergiofonti = 2003 QL<sub>8</sub>**

*Discovery: 2003-08-20 / CINEOS / Campo Imperatore / 599*

Sergio Fonti (1945–2018) was a planetary scientist and Professor at Lecce University. He worked on the Rosetta, Mars Express and Venus Express space missions.

**(177625) Dembicky = 2004 JD**

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

Jack M. Dembicky (b. 1966) was the telescope operations specialist, and is now the support astronomer at New Mexico's Apache Point Observatory. He was the lead 2MASS telescope operator at the F. L. Whipple Observatory at Mount Hopkins, AZ (1997–2000). He has an M.S. in Physics (1996) from Wichita State University.

**(180940) Bighornfire = 2005 ML<sub>2</sub>**

*Discovery: 2005-06-17 / Mt. Lemmon Survey / Mount Lemmon / G96*

Named in honor of all firefighting personnel and organizations who tirelessly fought and suppressed the Bighorn wildfire which scorched 120 000 acres of forest in the Santa Catalina Mountains, Arizona in summer 2020. Their heroic efforts kept thousands of people safe, and saved the astronomical facilities located there.

**(192291) Palindrome = 1990 QX<sub>19</sub>**

*Discovery: 1990-08-17 / A. Lowe / Palomar / 261*

A palindrome is a word, number, phrase, or other sequence of characters which reads the same backward as forward, of which the permanent number of this minor planet is an example.

**(202093) Jogaila = 2004 TP<sub>17</sub>**

*Discovery: 2004-10-11 / K. Černis, J. Zdanavicius \* / Moletai / 152*

Jogaila, later Wladyslaw II Jagiello, (1348–1434) was the Grand Duke of Lithuania (1377–1434) and then the King of Poland (1386–1434). He joined two states that became the leading power of eastern Europe and was the founder of Poland's Jagiellon dynasty.

**(214863) Seiradakis = 2006 YB<sub>55</sub>**

*Discovery: 2006-12-27 / Mt. Lemmon Survey / Mount Lemmon / G96*

John H. Seiradakis (b. 1948) is a Greek radio astronomer, emeritus professor at Aristotle University of Thessaloniki, and former Director of the Observatory of Thessaloniki. He has contributed significantly to our knowledge of pulsars, archaeoastronomy, and of the Antikythera Mechanism, the earliest known astronomical computer.

**(226858) Ivanpuluj = 2004 TY<sub>13</sub>**

*Discovery: 2004-10-08 / Andrushivka / Andrushivka / A50*

Ivan Puluj (1845–1918) was a pioneering Ukrainian-born physicist and inventor. He contributed greatly to the understanding of the properties and origin of cathode rays, the properties of X-rays, and the interpretation of X-radiation. Together with I. Kulish and I. Nechuy-Levitsky, he translated the Scriptures into Ukrainian.

**(227997) NIGLAS = 2007 KU<sub>7</sub>**

*Discovery: 2007-05-16 / PMO NEO Survey Program / XuYi / D29*

The Nanjing Institute of Geography & Limnology, Chinese Academy of Sciences (NIGLAS) was established in 1940. It is the only national institute devoted to lake-basin system research and has made enormous contributions to environmental remediation and regional development.

**(233488) Cosandey = 2006 YG**

*Discovery: 2006-12-16 / M. Ory \* / Vicques / 185*

David A. Cosandey (b. 1965) is a Swiss physicist. He has developed a theory of science explaining the rises and declines of the main scientific disciplines, including astronomy, in the history of the West, the Middle East, India and China.

**(241364) Reneangelil = 2008 AR<sub>1</sub>**

*Discovery: 2008-01-07 / M. Ory \* / Vicques / 185*

René Angélibil (1942–2016) was a Canadian music producer and singer. Inspired by the cosmos, his motto was generosity. He helped many friends and artists such as world-renowned singer Céline Dion reach their full potential.

**(256698) Zhuzhixin = 2008 AX<sub>2</sub>**

*Discovery: 2008-01-07 / Q.-Z. Ye, H.-C. Lin \* / Lulin / D35*

Zhu Zhixin (1885–1920) was an activist, writer and polemicist who lived in the late Qing to early Republic of China era. The Zhixin High School in Guangzhou, founded in 1921, was established in his memory.

**(261107) Cameroncasimir = 2005 SW<sub>282</sub>**

*Discovery: 2005-09-21 / A. C. Becker / Apache Point / 705*

Cameron Casimir Sage Becker (b. 2017) is the son of the discoverer, and twin brother of Oban Helian Duane Becker.

**(261108) Obanhelian = 2005 SZ<sub>283</sub>**

*Discovery: 2005-09-24 / A. C. Becker / Apache Point / 705*

Oban Helian Duane Becker (b. 2017) is the son of the discoverer, and twin brother of Cameron Casimir Sage Becker.

**(270903) Pakstiene = 2002 TO<sub>303</sub>**

*Discovery: 2002-10-05 / K. Černis / Palomar / 644*

Lithuanian astronomer Erika Pakstiene (b. 1971) is an expert in stellar photometry of variable stars, eclipsing binaries, transiting exoplanets, microlensed objects, and rotating asteroids. Known for her work in asteroseismology of variable stars, she has authored more than 80 scientific papers and written many popular science articles.



**(272209) Corsica = 2005 QM<sub>28</sub>**

*Discovery: 2005-08-28 / M. Ory \* / Vicques / 185*

Corsica is an island in the Mediterranean Sea and one of the 18 political regions of France. Due to Corsica's historical links to the Italian peninsula, the island keeps many Italian cultural elements, and the Corsican language is recognized as a regional language by the French government.

**(275215) Didiermarouani = 2009 WL<sub>184</sub>**

*Discovery: 2009-11-23 / T. V. Kryachko / Zelenchukskaya St / 114*

Didier Marouani (b. 1953) is a world famous French composer and musician. He is the leader of the band Space, a pioneer of electronic space music. His music is loved by several generations of fans of astronomy and cosmonautics, who feel it inspires them to reach out to the stars.

**(289121) Druskininkai = 2004 TM<sub>367</sub>**

*Discovery: 2004-10-12 / K. Černis, J. Zdanavicius \* / Moletai / 152*

Druskininkai is a spa town, with a population of 23 000, on the Nemunas River in southern Lithuania.

**(300150) Lantan = 2006 VN<sub>81</sub>**

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

Lan Tan, an elementary school by the Lan Lake side of the Chiayi City of Taiwan, is known for its natural science and astronomy education. It is also the location of Chia-Yi Amateur Astronomers Association.

**(300286) Zintun = 2007 OV<sub>4</sub>**

*Discovery: 2007-07-21 / C.-S. Lin, Q.-z. Ye \* / Lulin / D35*

The Sun Moon Lake (Zintun), located in the middle of Taiwan, with an elevation of 748 meters above sea level, is the only natural big lake in Taiwan. The southern part of Lulu Island is shaped like a new moon, and the northern part is shaped like a sun; hence the name Sun Moon Lake.

**(306020) Kormilov = 2010 DC<sub>34</sub>**

*Discovery: 2010-02-22 / T. V. Kryachko / Zelenchukskaya St / 114*

Sergei I. Kormilov (1951–2020) was a Russian literary historian and theorist, a Doctor of Philology, a Professor of Moscow University, and an author of educational books and about 800 scientific papers.

**(308680) McLennan = 2006 DY<sub>62</sub>**

*Discovery: 2006-02-25 / A. Lowe / Mayhill / H06*

Ian C. McLennan (b. 1938) was the founding director of the Queen Elizabeth Planetarium in Edmonton, Alberta, Canada, and for the last 60 years has provided extensive experience in public project planning and administration in cultural and educational organizations.

**(316080) Boni = 2009 KD**

*Discovery: 2009-05-16 / M. Ory \* / Vicques / 185*

Boniface Alfonsi (b. 1950) is a Corsican retired private detective and author. He wrote *La vérité est mon métier* in 2012. The discoverer met him under the night sky of Erbaghjolu in 2020.

**(320065) Erbaghjolu = 2007 EW<sub>38</sub>**

*Discovery: 2007-03-11 / M. Ory \* / Vicques / 185*

Erbaghjolu is a commune in the Haute-Corse department of France on the island of Corsica. South of this village, 750 meters above sea level, is the Stelle di Corsica astronomical observatory.

**(321131) Alishan = 2008 UO<sub>87</sub>**

*Discovery: 2008-10-23 / X. Y. Hsiao, Q.-z. Ye \* / Lulin / D35*

Alishan, located between Chiayi and Nantou, is a mountain area over 2,000 meters above sea level in central Taiwan. Alishan is well known for its sunrises, a sea of clouds, an afterglow, a forest, and railways.

**(325136) Zhongnanshan = 2008 ED<sub>149</sub>**

*Discovery: 2008-03-02 / PMO NEO Survey Program / XuYi / D29*

Zhong Nanshan (b. 1936), an academician of the Chinese Academy of Engineering, is both the main advocate of early prevention, diagnosis and management of chronic airway diseases, and an important contributor in combating major public health emergencies (such as SARS and COVID-19) in China.

**(330640) Yangxuejun = 2008 FX<sub>2</sub>**

*Discovery: 2008-03-03 / PMO NEO Survey Program / XuYi / D29*

Yang Xuejun (b. 1963), is an academician of the Chinese Academy of Sciences. He designed the world's first practical CPU-GPU heterogeneous architecture and developed the “Tianhe” high-performance computer system for China, leading the World TOP500 board on seven occasions.

**(339855) Kedainiai = 2005 TC<sub>49</sub>**

*Discovery: 2005-10-07 / K. Černis, J. Zdanavicius \* / Moletai / 152*

Kedainiai is one of the oldest cities in Lithuania. It is located near the geographical center of the Lithuanian Republic about 50 km north of Kaunas on the banks of the Nevezis River. First mentioned in the 1372 Livonian Chronicle, its current population is about 24 000.

**(343158) Marsyas = 2009 HC<sub>82</sub>**

*Discovery: 2009-04-29 / CSS / Catalina / 703*

Marsyas, a Phrygian Satyr dared oppose Apollo in a musical duel. Marsyas lost when he could not play his flute upside-down. For his hubris he was tied to a tree, flayed, his blood turned into a stream. Marsyas is so named for its unusual retrograde orbit, that which opposes the motion of most solar system objects, Apollos included.

**(344413) Campodeifiori = 2002 BC**

*Discovery: 2002-01-18 / F. Bellini \* / Schiaparelli / 204*

Campo dei Fiori is the name of a beautiful and panoramic 1226-m mountain, just north of the city of Varese. Schiaparelli Observatory, where this object was discovered, was built on the top in 1964 by Salvatore Furia. Since 1984, Campo dei Fiori has been a regional park, where biodiversity is preserved.

**(345648) Adyendre = 2006 TZ<sub>6</sub>**

*Discovery: 2006-10-01 / K. Sárneczky, B. Csák \* / Piskézető / 461*

Endre Ady (1877–1919) was a poet, journalist, short story writer, and one of Hungary's greatest lyric poets. He is best known for his daring works celebrating love, but he also wrote religious and revolutionary poems. His expression was radical in form, language and content.

**(345972) Rufin = 2007 TM<sub>105</sub>**

*Discovery: 2007-10-14 / B. Christophe / Saint-Sulpice / 947*

Jean-Christophe Rufin (b. 1952) is a French doctor, diplomat, historian, globetrotter and novelist. He is the president of Action Against Hunger, was one of the earliest members of Médecins Sans Frontières, and is a member of the Académie Française.

**(346810) Giancabattisti = 2009 CD<sub>40</sub>**

*Discovery: 2009-02-13 / V. S. Casulli / Vallemare Borbona / A55*

Giancarlo Battisti (b. 1942) is a very enthusiastic Italian amateur astronomer. He is the author of the graphical *Atlas of Galaxies* (2008).

**(347336) Changmeemann = 2012 NN<sub>1</sub>**

*Discovery: 2007-08-18 / PMO NEO Survey Program / XuYi / D29*

Chang Meemann (b. 1936) is an academician of the Chinese Academy of Sciences and pioneered the study of tetrapod origin in China. Her pioneer work has revolutionized research on early vertebrate evolution.

**(349237) Quaglietti = 2007 TH<sub>69</sub>**

*Discovery: 2007-10-13 / V. S. Casulli / Vallemare Borbona / A55*

Luciano Quaglietti (b. 1952) is an Italian amateur astronomer and seeker of meteorites.

**(355276) Leclair = 2007 RF<sub>17</sub>**

*Discovery: 2007-09-12 / B. Christophe / Saint-Sulpice / 947*

Jean-Marie Leclair the Elder (1697–1764), was a Baroque violinist and composer. He is considered to have founded the French violin school.

**(355704) Wangyinglai = 2008 FW<sub>75</sub>**

*Discovery: 2008-03-03 / PMO NEO Survey Program / XuYi / D29*

Wang Yinglai (1907–2001), an academician of Chinese Academy of Sciences, is a founder of biochemical research in China. He was the first to organize and complete the biosynthesis of bovine insulin and yeast alanine transfer ribonucleic acid in the world.

**(362420) Rolandgarros = 2010 PY<sub>71</sub>**

*Discovery: 2004-08-14 / B. Christophe / Saint-Sulpice / 947*

Roland Georges Garros (1888–1918), was a pioneering French aviator and World War I fighter pilot. The French Open tennis tournament takes its name from the Roland-Garros Stadium in which it is held.

**(364166) Trebek = 2006 JB**

*Discovery: 2006-05-01 / J. W. Young / Wrightwood / 673*

George Alexander Trebek (1940–2020) was a Canadian-American television personality and game show host, who hosted the game show Jeopardy for over 36 years. He was awarded seven Outstanding Game Show Host Emmy Awards between 1989 and 2020. He also was awarded a star on the Hollywood Walk of Fame in 1999.

**(364566) Yurga = 2007 PM<sub>8</sub>**

*Discovery: 2007-08-10 / V. Rumyantsev \* / Nauchnyj / 095*

Yurga is a town in Kemerovskaya region, in Central Russia, located on the Tom' River, and the birthplace of the discoverer. He dedicates this name to his parents, Nina Pavlovna Rumyantseva (1940–2005) and Vladimir Vasil'evich Rumyantsev (1936–2018).

**(364577) Cachopito = 2007 RC<sub>35</sub>**

*Discovery: 2007-09-07 / J. Lacruz / La Cañada / J87*

Fernando Izquierdo Lacruz “Cachopito” (b. 1986) is an audio engineer and a dub artist living in Madrid, Spain. He is the elder nephew of the discoverer

**(365190) Kenting = 2009 FC<sub>30</sub>**

*Discovery: 2009-03-22 / Y.-S. Tsai \* / Lulin / D35*

Kenting National Park, Taiwan, has hosted the annual Hengchun Star Party since 2013. About 2000 people attend each year.

**(375067) Hewins = 2007 RJ<sub>6</sub>**

*Discovery: 2007-09-06 / M. Ory \* / Vicques / 185*

As a professor at Rutgers University, Roger Hewins (b. 1940) has pioneered the use of experimental petrology to understand chondrule formation. He also studied meteorites from planetary bodies like Vesta and Mars. Hewins received the Leonard Medal of the Meteoritical Society in 2014 in Casablanca, Morocco.

**(381323) Fanjinshi = 2007 VV<sub>252</sub>**

*Discovery: 2007-10-09 / PMO NEO Survey Program / XuYi / D29*

Fan Jinshi (b. 1938), the honorable dean of Dunhuang Academy, made great contribution to the archaeology survey and conservation of Chinese grottoes. She constructed “Digital Dunhuang” and a comprehensive protection system, which provides a model for the protection of world cultural heritage.

**(388370) Paulblu = 2006 UT<sub>62</sub>**

*Discovery: 2006-10-20 / J.-C. Merlin / Nogales / 926*

Paul Blu (b. 1936) is a French astronomy enthusiast heavily involved in the protection of the night sky. He is Honorary President of ANPCEN (Association Nationale pour la Protection du Ciel et de l'Environnement Nocturnes).

**(390743) Telkesmária = 2003 SD<sub>129</sub>**

*Discovery: 2003-09-20 / K. Sárneckzy, B. Sipőcz \* / Pizskéstető / 461*

Mária Telkes (1900–1995) was a Hungarian-born American physical chemist and biophysicist, best known for her invention of the solar distiller and the first solar-powered heating system designed for residences. She also invented other devices capable of storing energy captured from sunlight.

**(399565) Dévényanna = 2003 SZ<sub>128</sub>**

*Discovery: 2003-09-20 / K. Sárneckzy, B. Sipőcz \* / Pizskéstető / 461*

Anna Dévény (1935–2017) was a Hungarian physiotherapist and gymnastics trainer. She developed an unique treatment system, which helps to restore the muscle function, and abnormal body positions of babies. The method has helped thousands of children recover in recent decades.

**(405571) Erdőspál = 2005 QE<sub>87</sub>**

*Discovery: 2005-08-31 / K. Sárneckzy, Z. Kuli \* / Pizskéstető / 461*

Pál Erdős (1913–1996) was a Hungarian mathematician, much of whose work centered around discrete mathematics. His work leaned towards solving previously open problems, rather than developing or exploring new areas of mathematics. He published around 1500 mathematical papers during his lifetime.

**(406308) Nanwai = 2007 HG<sub>60</sub>**

*Discovery: 2007-04-18 / PMO NEO Survey Program / XuYi / D29*

Nanwai (Nanjing Foreign Language School), one of the first seven foreign language schools in China, was founded in 1963. With the mission “to educate forward-thinking students with a Chinese soul and global vision”, Nanwai provides a student-based education, which encourages well-rounded and unconstrained student development.

**(413233) Várkonyiágnés = 2003 SB<sub>129</sub>**

*Discovery: 2003-09-20 / K. Sárneckzy, B. Sipőcz \* / Pizskéstető / 461*

Ágnés R. Várkonyi (1928–2014) was a Hungarian historian, cultural historian, and full member of the Hungarian Academy of Sciences. Her main field of research was the Rákóczi War of Independence, the Zrínyi Movement, and the Habsburg system. She was the winner of the 1999 annual science communication award.

**(419858) Abecheng = 2011 AC<sub>13</sub>**

*Discovery: 2010-02-01 / WISE / WISE / C51*

Abe Cheng (1953–2021) was a space physicist. He served on NASA's Stratospheric Observatory for Infrared Astronomy (SOFIA) as a senior engineer, preparing the observatory's computer systems for flight and transferring its astronomical data to its scientific teams.

**(423433) Harsányi = 2005 QL<sub>75</sub>**

*Discovery: 2005-08-29 / K. Sárneckzy, Z. Kuli \* / Pizskéstető / 461*

János Harsányi (1920–2000) was a Hungarian-American Nobel Prize laureate economist. He is best known for his contributions to the study of game theory and its application to economics. For his work, he was a co-recipient along with John Nash and Reinhard Selten of the 1994 Nobel Memorial Prize in Economic Sciences.

**(461650) Paisdezsó = 2005 GP<sub>9</sub>**

*Discovery: 2005-04-03 / K. Sárnecky \* / Pizskétető / 461*

Dezsó Pais (1886–1973) was a prominent figure of Hungarian historical linguistics. His special fields were phonology, lexicology, and cultural history, the study of personal names and toponomy. He was the initiator of studies concerning the history of standard Hungarian.

**(474640) Alicanto = 2004 VN<sub>112</sub>**

*Discovery: 2004-11-06 / A. C. Becker \* / Cerro Tololo / 807*

The Alicanto is a Chilean mythological bird of the Atacama Desert whose wings shine at night with beautiful, metallic colors. A miner who follows it can find rich mineral outcrops or treasures, but if the Alicanto discovers that it's being followed, it will turn off the shining of its wings and scuttle away in the darkness of the night.

**(483454) Hosszúkatinka = 2002 AF<sub>17</sub>**

*Discovery: 2002-01-13 / K. Sárnecky, Z. Heiner \* / Pizskétető / 461*

Katinka Hosszú (b. 1989) is a three-time Olympic champion Hungarian swimmer, who specializes in individual medley events. She is a nine-time long-course, and seventeen-time short-course world champion, and has broken 20 world records since 2013.

**(517104) Redinger = 2013 EO<sub>53</sub>**

*Discovery: 2013-03-08 / Pan-STARRS 1 / Haleakala / F51*

Larry Redinger (b. 1945) is a retired Dean of the Natural Sciences Division at Mt. San Antonio College, CA. He was the dean when this minor planet was discovered and made contributions to the space sciences and student success. Name suggested by Julie Bray-Ali and students from Mt. San Antonio College.

**(524638) Kaffkamargit = 2003 SC<sub>158</sub>**

*Discovery: 2003-09-21 / K. Sárnecky, B. Sipőcz \* / Pizskétető / 561*

Margit Kaffka (1880–1918) was a poet and novelist, one of the most important female Hungarian authors. Her works dealt mostly with two main themes: the decline of the gentry class, and the problems faced by women in an era of major social changes. She died of influenza in the winter of 1918.

**(528997) Tanakatakenori = 2009 HW<sub>104</sub>**

*Discovery: 2009-04-20 / T. V. Kryachko / Zelenchukskaya Stn / 114*

Tanaka Takenori (b. 1941) is an Honored Sensei of the Japan Shotokai Karate Federation and Honorary President of the Russian Shotokai Karate Federation.

**(534299) Parazynski = 2014 SP<sub>311</sub>**

*Discovery: 2010-04-16 / WISE / WISE / C51*

Scott Parazynski (b. 1961) served in the NASA astronaut corps from 1992 to 2009, completing five space shuttle missions and seven spacewalks. A physician and prolific inventor, he has explored space and extreme environments on Earth from the depths of the ocean, to “level zero” of an active volcano, to the summit of Mt. Everest.

**(541200) Komjádibéla = 2011 BJ<sub>107</sub>**

*Discovery: 2008-08-24 / K. Sárneczky \* / Pizskétető / 461*

Béla Komjádi (1892–1933) was a Hungarian water polo player and coach, known as the father of Hungarian water polo. He coached the Hungary men's national water polo team, and won gold medals at the 1932 Summer Olympics, and the 1926, 1927 and 1931 European Championships.

**(541627) Halmospál = 2011 UE<sub>155</sub>**

*Discovery: 2011-10-02 / K. Sárneczky \* / Pizskétető / 461*

Pál Halmos (1916–2006) was a Hungarian-American mathematician who made fundamental advances in the areas of logic, probability theory, statistics, operator theory and functional analysis. He is best known for some of his text-books and for his collection of mathematicians' photographs.

**(541897) TRAPPIST = 2012 CK**

*Discovery: 2012-02-01 / E. Jehin \* / La Silla / I40*

TRAPPIST (TRAnsiting Planets and Planetesimals Small Telescopes) is a project of the University of Liège (Belgium) devoted to the study of exoplanets and comets and other small bodies. It consists of two 0.6-m robotic telescopes located at the La Silla Observatory in Chile and at the Oukaimeden Observatory in Morocco.

**(541983) Matthiaspenselin = 2012 GN<sub>5</sub>**

*Discovery: 2012-04-13 / Pan-STARRS 1 / Haleakala / F51*

Matthias Penselin (b. 1963) is a science teacher at the Albert Schweitzer Gymnasium in Crailsheim, Germany and a member of the Haus der Astronomie in Heidelberg, Germany. He is an avid astronomer and developer of teaching materials for astrophotography, asteroid searches, and spectroscopy.

**(541992) Lukácsbéla = 2012 GE<sub>26</sub>**

*Discovery: 2012-03-27 / K. Sárneczky \* / Pizskétető / 461*

Béla Lukács (b. 1947) is a Hungarian theoretical physicist whose research interests are mainly the theory of relativity and cosmology. He is known for his understandable lectures, which are also interesting for the layman. He was the winner of the 2008 annual science communication award of the Club of Hungarian Science Journalists.

**(543302) Hamvasbéla = 2013 XP<sub>7</sub>**

*Discovery: 2013-12-04 / K. Sárneczky, P. Székely \* / Pizskétető / 461*

Béla Hamvas (1897–1968) was a Hungarian writer, philosopher, and social critic. He was a great thinker and essayist who integrated Eastern and Western traditions as well as posing many serious questions about the modern age, together with the possibility of resolving them.

**(545394) Rossetter = 2011 HH<sub>45</sub>**

*Discovery: 2008-11-02 / T. Glinos, D. H. Levy \* / Vail-Jarnac / G92*

David Rossetter (b. 1956) is an experienced visual observers of the night sky. His vast experience, particularly with the summer sky, has enhanced many years of the Adirondack Astronomy Retreat in New York state and he has inspired hundreds of people to enjoy the sky.

**(545619) Lapuska = 2011 SR<sub>47</sub>**

*Discovery: 2011-09-03 / K. Černis, I. Eglītis \* / Baldone / 069*

Kazimirs Lapuska (1936–2013) was a Latvian astronomer and a pioneering observer of artificial satellites in Latvia. He promoted photographic satellite observations and the development of satellite laser ranging at the Astronomical Observatory of the University of Latvia.

**(546049) Zhujin = 2011 YL<sub>4</sub>**

*Discovery: 2011-12-23 / G. Sun, X. Gao / Xingming / C42*

Jin Zhu (b. 1965) is the chief editor of the *Amateur Astronomer* magazine in China and the head of the Popularization Working Committee of the Chinese Astronomical Society. He was in charge of the Beijing Schmidt CCD asteroid program during 1995–2002 and was the director of the Beijing Planetarium during 2002–2019.

**(546756) Sunguoyou = 2010 XL<sub>71</sub>**

*Discovery: 2010-12-09 / Z. Xu, X. Gao / Xingming / C42*

Sun Guoyou (b. 1984) is a Chinese amateur astronomer. He is a member of the Xingming Observatory Sky Survey team and has discovered many new objects, including comets, novae, supernovae, asteroids, dwarf novae, variable stars, double stars and planetary nebulae. In 2015 he discovered C/2015 F5 (SWAN-Xingming).

**(546842) Ruanjiangao = 2011 YD<sub>3</sub>**

*Discovery: 2011-12-21 / Z. Xu, X. Gao / Xingming / C42*

Ruan Jiangao (b. 1986) is a Chinese amateur astronomer in Fangchenggang, Guangxi, who has many astronomical discoveries, including novae in M31 and M33, supernovae, asteroids, more than 80 SOHO comets and comet C/2009 G1(STEREO).

**(546843) Xuzhijian = 2014 QK<sub>307</sub>**

*Discovery: 2011-12-27 / Z. Jin, X. Gao / Xingming / C42*

Xu Zhijian (b. 1989), a Chinese amateur astronomer in Nanjing, Jiangsu, has made many astronomical discoveries, including novae in M31 and M81, supernovae, asteroids, and more than 300 SOHO comets. He is one of the founders of the Nanjing Amateur Astronomers Association.



## 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 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 B3 (NEOWISE)	<i>MPEC 2021-C16</i>
C/2021 B2 (PANSTARRS)	<i>MPEC 2021-B120</i>
C/2021 A10 (NEOWISE)	<i>MPEC 2021-C25</i>
C/2021 A9 (PANSTARRS)	<i>MPEC 2021-B119</i>
C/2021 A7 (NEOWISE)	<i>MPEC 2021-A211</i>
C/2021 A6 (PANSTARRS)	<i>MPEC 2021-A210</i>
C/2020 F7 (Lemmon)	<i>MPEC 2021-F110</i>
C/2019 U5 (PANSTARRS)	<i>MPEC 2021-G80</i>

### Recent Numberings

420P/2009 Q1 = P/2021 E2 (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>
411P/2007 B1 = P/2020 W3 (Christensen)	<i>MPC 127300</i>
410P/2005 CR <sub>16</sub> = P/2003 WR <sub>168</sub> = P/2010 W2 (NEAT-LINEAR)	<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 and Links

There are currently 22364 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN name submission 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 name submission 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).

