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Errata

The following section corrects errors that have appeared in this publication (indicated as Bull., with volume, issue and page number) or in names or citations published in the Minor Planet Circulars. Negative line numbers count from the bottom of the page (in the Bulletin) or from the bottom of the page or the bottom of the (second) column (in the MPCs).

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For “The Planet of the Dinosaurs” read The Planet of the Dinosaurs [(7197) citation]

For Nemed read Named [(7300) citation]

For orthopaedist read orthopedist [(7300) citation]

For astrophotographies read astrophotographs [(7300) citation]

For Weltbühne read Weltbühne [(7584) citation]

For Roumanian-born read Romanian-born [(7316) citation]

For (1905), or “Song of the blood-red flower” read Song of the blood-red flower, 1905 [(7416) citation]

For Prelude and Fugue in G minor read Prelude and Fugue in G minor [(7661) citation]


For ‘Izu no Odoriko’ read Izu no Odoriko [(6832) citation]

For “Sexual human” and “Football on the first year of Man-en era” read Sexual human and Football on the first year of Man-en era [(6931) citation]

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For nee read née [(8307) citation]
For Ichthyosaurus read Ichthyosaurus
[(3919) citation]

For Plesiosaurus, Pterodactylus and Squaloraja read
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For magnificent read magnificent [(6829) citation]

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For “Salpêtrière Hospital” read Salpêtrière Hospital
[(11315) citation]

For (The Realm of Stars) and the Czech Astronomical
Yearbook read (The Realm of Stars) and the
Czech Astronomical Yearbook
[(13390) citation]

For practise read practice [(11090) citation]

For nineteenth read nineteenth [(12675) citation]

For Kleiner Mann—was nun, Wer einmal aus dem
Blechnapf frit and Der eiserne Gustav read
Kleiner Mann, was nun?, Wer einmal aus dem
Blechnapf frißt and Der eiserne Gustav
[(14025) citation]

For (b. 1/1/1966) read (b. 1966) [(12494) citation]

For civilisation read civilization [(6362) citation]

For civilisation read civilization [(10797) citation]

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For Journal of the British Astronomical Association read Journal of the British Astronomical Association [(7966) citation]

For Archaeological read Archaeological [(56000) citation]

For “Lazur” read Lazur [(23402) citation]

For Drinker nisti read Drinker nisti [(15448) citation]

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For Homo erectus read Homo erectus [(85217) citation]

For Hydrangea hortensia read Hydrangea hortensia [(13116) citation]

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For archeology read archaeology [(117736) citation]
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For discover's read discoverer's [(193158) citation]

For populariser read popularizer [(7101) citation]

For “Swing Journal” read *Swing Journal* [(14401) citation]

For artificial read artificial [(217366) citation]

For theatres read theaters [(233893) citation]

For xkcd read xkcd [(4942) citation]

For “Ijon Tichy: Raumpilot” read *Ijon Tichy: Raumpilot* [(343000) citation]

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For “Ijon Tichy: Raumpilot” read *Ijon Tichy: Raumpilot* [(343444) citation]

For “The Star Diaries” read *The Star Diaries* [(343444) citation]

For harbour read harbor [(30773) citation]

For Calvin and Hobbes read *Calvin and Hobbes* [(7784) citation]

For “You Only Live Twice” read *You Only Live Twice* [(15858) citation]

For J.C. read J. C. [(15413) citation]

For “Life of Captain Cook” read *Life of Captain Cook* [(15413) citation]

For “Journals of Captain Cook” read *Journals of Captain Cook* [(15413) citation]

For “Journals of Joseph Banks” read *Journals of Joseph Banks* [(15413) citation]

For “How Apollo Flew to the Moon” read *How Apollo Flew to the Moon* [(15858) citation]
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For Stargazing Live read Stargazing Live [(4901) citation]
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For “The Big Bang Theory” read The Big Bang Theory [(8630) citation]
For millennium BC read millennium BCE [(13131) citation]
For belles-lettres read belles-lettres [(209054) citation]
For femme fatale read femme fatale [(287787) citation]
For traveller read traveler [(314163) citation]
For “The Big Bang Theory” read The Big Bang Theory [(8624) citation]
For “Le Monde” read Le Monde [(28248) citation]
For Atlas of Meteorites read Atlas of Meteorites [(299134) citation]
For “Walking with Prehistoric Beasts” read Walking with Prehistoric Beasts [(90503) citation]
For Kasuga-ciry read Kasuga-city
[(19160) citation]

For “The Moon: Considered as a Planet, a World, and a Satellite” read The Moon: Considered as a Planet, a World, and a Satellite
[(95853) citation]

For Ms. Magazine read Ms. magazine
[(249541) citation]

For Hara-Kiri and Charlie Hebdo read Hara-Kiri and Charlie Hebdo
[(293499) citation]

For Jeannoel read Jeannoël
[(27724) name]

For Noël read Noël
[(27724) citation]

For Alpes-de Haute Provence read Alpes-de-Haute-Provence
[(181702) citation]

For Haute Provence read Haute-Provence
[(181702) citation]

For “Sky-Patching: Chinese Goddess Nüwa” read Sky-Patching: Chinese Goddess Nüwa
[(214883) citation]

For “Million Dollar Baby” read Million Dollar Baby
[(224693) citation]

For “Kaamelott” read Kaamelott
[(236984) citation]

For light-coloured read light-colored
[(16690) citation]

For “The Goldfinch” read The Goldfinch
[(16690) citation]

For Hara-Kiri, Charlie Hebdo and Le Canard enchaîné read Hara-Kiri, Charlie Hebdo and Le Canard enchaîné
[(320880) citation]

For neigbours read neighbors
[(12663) citation]

For Solanaceae read Solanaceae
[(16598) citation]

For Frames of Reference read Frames of Reference
[(22415) citation]

For 4350-kilometre read 4350-kilometer
[(100936) citation]

For The Legend of Saint Ursula read The Legend of Saint Ursula
[(318682) citation]

For Lithuanian American read Lithuanian-American
[(288960) citation]
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MPC 105279 – 6 For Lithuanian American read Lithuanian-American [(288961) citation]
MPC 106499 – 48 to – 47 For antropologist read anthropologist [(7175) citation]
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MPC 128944 23 For an solar panel read a solar panel [(103737) citation]
Bull. 1, #10, 4 – 2 For (meaning “Kagoshima Astronomical Society”) read (Kagoshima Astronomical Society) [(22480) citation]
Bull. 2, #8, 9 – 4 For analyser read analyzer [(33748) citation]
New Names of Minor Planets

The following new names of minor planets have been approved by the WGSBN. Discovery details, for information only, are given in the following order: date of discovery; discoverer(s) name(s); discovery site; discovery site observatory code. The discoverer(s) names(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

(24830) Kawanotomoyoshi = 1995 ST₃
Discovery: 1995-09-20 / K. Endate, K. Watanabe / Kitami / 400

Tomoyoshi Kawano (b. 1956) is a Japanese electrical engineer and amateur astronomer. He likes to develop various kinds of equipment for astronomical observation. He enjoys photographing nebulae and star clusters and is one of the leaders of astrophotography in Fukuoka Prefecture.

(24844) Hwanginjoon = 1995 VM₁
Discovery: 1995-11-15 / K. Endate, K. Watanabe / Kitami / 400

Injoon Hwang (b. 1966) is a Korean amateur astronomer who owns a 0.6-m reflector telescope. He is a member of NADA (Network of Amateur Digital Astrophotography), established in Korea in 2002. He is also known for publishing the first book on astrophotography in Korea.

(32197) Judylynnpalmer = 2000 OV
Discovery: 2000-07-24 / J. Broughton / Reedy Creek / 428

Judy Lynn Palmer (b. 1954) is an American biostatician who has published over 200 peer-reviewed papers and observed 44 eclipses of the Sun. She has run marathons on all seven continents and visited 168 countries in conjunction with eclipse and asteroid occultation expeditions since 1994. She is also an accomplished violinist, pilot and master gardener.

(86048) Saint-Tropez = 1999 PP₁
Discovery: 1999-08-09 / P. Pravec, P. Kušnirák / Ondřejov / 557

Named for the picturesque village in the southeastern France on the coast of the Mediterranean Sea. Name suggested by Patrick Michel, the CNRS Director of Research at the Côte d'Azur Observatory.

(120131) MAVEN = 2003 FX₁₁₉
Discovery: 2003-03-26 / LONEOS / Anderson Mesa / 699

MAVEN (launched 2013) is a NASA Mars orbiter with a primary mission to study the Mars atmosphere and its evolution. Shortly after arrival at Mars, C/2013 A1 (Siding Spring) had a close encounter with the planet. MAVEN observed the aftermath of the comet's intense meteor shower, detecting abundant meteoric metals.
**(167855) Natalinistéphane = 2005 ET**  
*Discovery: 2005-03-01 / M. Ory / Vicques / 185*
  
Stéphane Natalini (b. 1969) is an amateur astronomer from Corsica. He has established a popular observatory called Stelle di Corsica in the small village of Erbajolo, near Corte.

**(227147) Coggiajérôme = 2005 PW₅**  
*Discovery: 2005-08-10 / M. Ory * / Vicques / 185*
  
Jérôme Eugène Coggia (1849–1919) was a French astronomer, born in the small village of Coggia, Corsica. He discovered six comets and five asteroids at the Marseille Observatory.

**(227928) Ludoferrière = 2007 GT₁**  
*Discovery: 2007-04-06 / M. Ory * / Vicques / 185*
  
Ludovic Ferrière (b. 1982) is a geologist known for his research on and discoveries of new meteorite impact craters on Earth. He is curator of the prestigious meteorite and impactite collections at the Natural History Museum Vienna (Austria) and a senior research fellow at the University of Vienna.

**(249823) Delmarbarker = 2001 FK₂₁₉**  
*Discovery: 2001-03-21 / SKADS / Kitt Peak / 695*
  
Delmar Barker (1941–2023) was an American physicist whose work spanned the spectrum from γ rays to radio frequencies. His 42 patents covered fields ranging from geology to antimatter. His final project was developing a nuclear-powered rocket engine, an endeavor cut short prematurely. His smile and engaging manner were an integral part of his legacy.

**(475696) Fisiocritico = 2006 VY₁₁₃**  
*Discovery: 2006-11-13 / L. Tesi, M. Mazzucato * / San Marcello / 104*
  
Dedicated to the Academy of Sciences of Siena (also known as the Fisiocritici) founded on 1691 March 17 by Pirro Maria Gabbrielli (1643–1705). Among the oldest Italian scientific institutions, it has as its emblem the Touchstone (since ancient times instrument of analysis) and the Lucretian motto ‘Veris quod possit vincere falsa’.

**(520585) Saci = 2014 OA₂**  
*Discovery: 2014-07-23 / SONEAR / SONEAR / Y00*
  
Saci is a Guarani-Brazilian folklore legend. He is a one-legged prankster, who smokes a pipe and disappears through a dust devil.

**(541575) Mikhailnazarov = 2011 SX₂₄₇**  
*Discovery: 2011-09-28 / T. Kryachko, B. Satovski / Zelenchukskaya Stn / 114*
  
Mikhail A. Nazarov (1949–2016) headed the Laboratory of Meteoritics at the Vernadsky Institute, Russian Academy of Sciences. He was recognized for his research on lunar rocks, meteorites, and cosmochemistry, and he trained many renowned scientists in meteoritics. He held an eminent position in the Committee on Meteorites in Russia.
The island of Formentera is the fourth largest in the Balearic archipelago and, with the island of Eivissa (Ibiza) and several islets, part of the Pityusic Islands. Formentera is part of the Ses Salines de Eivissa y Formentera Natural Park.

The Han dynasty and the Tang dynasty (Hantang) are important periods in ancient China, playing an important role in the formation of the Chinese nation and the development of Chinese society. Therefore, the Chinese people are referred to as the Han or Tang people.

Helen Falla née Lawson (1909–2001) was the mother of the discoverer. In the 1930s she worked as the cashier at a fashionable London restaurant frequented by some of the leading politicians and diplomats of the time. From the 1940s onwards she worked as a farm secretary on several large estates including 15 years at Cowdray Park, Sussex, to where she retired.
Recent Comet Namings & Numberings

Recently-assigned comet names and numbering of periodic comets are listed below. The recently-assigned names list indicates, using an asterisk, any comet whose discovery is eligible for the Edgar Wilson Award, as well as the reference where the name first appears (this may not be the circular announcing the discovery, or the first appearance of a name if the name was modified subsequently). If a date appears as the reference, it refers to the date that a News note of a name change appeared on the WGSBN website. If a name contains accented characters, the approved ASCII-only version of the name is included between [...]: note that any print, PDF or web usage must use the proper accented form. Newly-numbered objects that are being accorded dual status are flagged as such.

Recent Namings (in reverse chronological order)

P/2015 XG422 (PANSTARRS) MPEC 2023-P35
P/2023 O1 (Siding Spring) MPEC 2023-O89
P/2023 H6 (LINEAR-Grauer) MPEC 2023-O88
P/2023 M4 (ATLAS) MPEC 2023-O51
C/2023 F3 (ATLAS) MPEC 2023-O43
P/2023 M2 (PANSTARRS) MPEC 2023-N15
P/2023 M1 (PANSTARRS) MPEC 2023-M65
C/2023 H5 (Lemmon) MPEC 2023-M44
C/2023 K1 (ATLAS) MPEC 2023-L18
C/2023 H3 (PANSTARRS) MPEC 2023-K195
C/2023 H2 (Lemmon) MPEC 2023-K122
C/2022 V2 (Lemmon) MPEC 2023-K121
464P/2014 OL465 (PANSTARRS) MPEC 2023-K66
C/2023 F2 (SOHO) MPEC 2023-K45
C/1808 R1 (Pons) 2023-05-16
C/2023 H1 (PANSTARRS) MPEC 2023-J101
C/1951 G2 = C/1952 C1 (Groeneveld-Palomar) MPEC 2023-J76
463P/2018 HT3 (NEOWISE) MPEC 2023-J12
P/2022 BV9 (Lemmon) MPEC 2023-H240
C/2020 H11 (PANSTARRS-Lemmon) MPEC 2023-H237
461P/2010 OE101 = P/2021 L131 (WISE) MPEC 2023-H227
C/2023 F1 (PANSTARRS) MPEC 2023-H184
C/2022 JK8 (PANSTARRS) MPEC 2023-H180
459P/2010 VH95 (Catalina) MPEC 2023-F167
C/1971 M1 (Edwards) MPEC 2023-F148
C/2023 C2 (ATLAS) MPEC 2013-F141
458P/2023 C1 = P/2016 C3 (Jahn) * MPEC 2023-F121
C/1951 G1 (Groeneveld) MPEC 2023-F18
C/2023 E1 (ATLAS) MPEC 2023-E59
C/2023 A3 (Tsuchinshan-ATLAS) MPEC 2023-D77
C/2018 S3 (TESS) MPEC 2023-D54
C/2023 A2 (SWAN) MPEC 2023-D49
P/2023 B3 (PANSTARRS) MPEC 2023-D10
P/2021 PE20 (ATLAS) MPEC 2023-C66
C/2022 T1 (Lemmon) MPEC 2023-C52
C/2023 B2 (ATLAS) MPEC 2023-C44
C/2022 Y2 (Lemmon) MPEC 2023-B225
P/2023 B1 (PANSTARRS) MPEC 2023-B118
C/2023 A1 (Leonard) MPEC 2023-B66
C/2022 Y1 (Hogan) MPEC 2023-A37
C/2022 W3 (Leonard) MPEC 2023-A29
C/2022 W2 (ATLAS) MPEC 2023-A28
454P/2022 U5 = P/2013 W3 (PANSTARRS) MPEC 2022-W234
P/2022 W1 (Rankin) MPEC 2022-W159
C/2022 U4 (Bok) MPEC 2022-W158
P/2020 MK4 (PANSTARRS) MPEC 2022-W78

Recent Numberings
466P/2015 T3 = P/2023 M3 (PANSTARRS) MPC 163244
465P/2008 L2 = P/2023 L1 (Hill) MPC 163244
464P/2014 OL465 (PANSTARRS) MPC 163244
463P/2018 HT3 (NEOWISE) MPC 163244
462P/2022 M1 = P/2000 OZ21 (LONEOS-PANSTARRS) MPC 163244
461P/2010 OE101 = P/2021 LJ31 (WISE) MPC 163244
460P/2016 BA14 = P/2020 U6 (PANSTARRS) MPC 162027
459P/2010 VH95 (Catalina) MPC 162027
458P/2023 C1 = P/2016 C3 (Jahn) MPC 162027
457P/2020 O1 = P/2016 N7 (Lemmon-PANSTARRS) MPC 162027
456P/2021 L4 = P/2012 Q3 (PANSTARRS) MPC 160359
455P/2017 S9 = P/2011 Q5 = P/2022 R7 (PANSTARRS) MPC 160359
454P/2022 U5 = P/2013 W3 (PANSTARRS) MPC 160359
453P/2022 V1 = P/2010 BN109 (WISE-Lemmon) MPC 160359
452P/2003 CC22 = P/2022 B5 (Sheppard-Jewitt) MPC 158523
451P/2007 A2 = P/2006 WY182 = P/2022 S2 (Christensen) MPC 158523
450P/2004 A1 = P/2022 Q3 (LONEOS) MPC 158523
449P/2020 S6 = P/1987 A2 = P/2013 Y3 (Leonard) MPC 158523
Standard Acronyms & Abbreviations

The standard acronyms that may be used in citations without needing to be expanded are listed at:

https://www.wgsbn-iau.org/documentation/AcronymsAndAbbreviations.html.

Statistics & Links

There are currently 24413 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at: https://minorplanetcenter.net/submit_name/login

Registration is required to access this site. Requests for access should be made to contact@wgsbn-iau.org.

Work on a new voting website is underway.

Archival copies of the Bulletin, as well as machine-readable datafiles of new names, citations and corrigenda from each issue, are available on the WGSBN website: https://www.wgsbn-iau.org/

The Bulletin is also available from the Publications section of the IAU website: https://www.iau.org/publications/iau/wgsbn-bulletins/

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

There are 15 members of the WGSBN, 11 of whom are voting members. The other four members, who are *ex-officio*, are the President and General Secretary of the IAU, and representatives for the IAU WG Planetary System Nomenclature and the IAU Minor Planet Center.

The current members of the WGSBN are listed below:

- Jana Tichá, Chair
- Keith Noll, Vice-Chair
- Gareth Williams, Secretary
- Yuliya Chernetenko
- Julio Fernández
- Daniel Green
- Pam Kilmartin
- Syuichi Nakano
- Carrie Nugent
- Don Yeomans
- Jin Zhu
- Debra M. Elmegreen, *ex-officio* (IAU President)
- José Miguel Rodríguez Espinosa, *ex-officio* (IAU General Secretary)
- Rita Schulz, *ex-officio* (WGPN)
- Peter Vereš, *ex-officio* (MPC)

The WGSBN is a functional Working Group of the IAU, under the Executive Committee.