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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).

<table>
<thead>
<tr>
<th>Reference</th>
<th>Line(s)</th>
<th>Correction</th>
</tr>
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<tbody>
<tr>
<td>MPC 18463</td>
<td>–15</td>
<td>For separate read separate [(4732) citation]</td>
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<td>MPC 22829</td>
<td>36</td>
<td>For ‘star handbook’ read Star Handbook [(3872) citation]</td>
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<td>For Luiz de Camoes (Camoens, 1524–1580) read Luis de Camões (Camoens, c. 1524–1580) [(5160) citation]</td>
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<td>MPC 21611</td>
<td>24 to 25</td>
<td>For stars. in read stars, in [(5352) citation]</td>
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<td>For councillor read councillor [(5703) citation]</td>
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<td>For ‘null’ read null [(6156) citation]</td>
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<td>For telescopes read telescopes [(6156) citation]</td>
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<tr>
<td>MPC 25977</td>
<td>43 to 44</td>
<td>For “Surveyor” and the “Voyager” read Surveyor, and the Voyager [(5585) citation]</td>
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<td>25</td>
<td>For The Family Blood read The Family Blood [(4136) citation]</td>
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<td>–39</td>
<td>For “The Emigrants” read The Emigrants [(7360) citation]</td>
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<td>–38</td>
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<td>MPC 33795</td>
<td>37</td>
<td>For “Rigoletto” read Rigoletto [(9232) citation]</td>
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<td>MPC 34623</td>
<td>21</td>
<td>For Z term read z term [(6233) citation]</td>
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<td>–20</td>
<td>For H.M.S. Serapis read H.M.S. Serapis [(9258) citation]</td>
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<td>–20</td>
<td>For Bonhomme Richard read Bonhomme Richard [(9258) citation]</td>
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<td>– 4</td>
<td>For (1593–1652) read (c. 1593–c. 1656) [(14831) citation]</td>
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<td>MPC 41386</td>
<td>– 3 to – 2</td>
<td>For “Self-Portrait as the Allegory of Painting” read Self-Portrait as the Allegory of Painting [(14831) citation]</td>
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<td>MPC 41386</td>
<td>– 2</td>
<td>For “Inclinazione” read Inclinazione [(14831) citation]</td>
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<td>46 to 47</td>
<td>For “Mikeš, the Tomcat” read Mikeš, the Tomcat [(17625) citation]</td>
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<td>MPC 42358</td>
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<td>For snabbköpskassörskan read “Snabbköpskassörskan” [(9373) citation]</td>
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<td>For “Chiisana Shizenkan” read Chiisana Shizenkan [(14535) citation]</td>
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<td>MPC 42368</td>
<td>36</td>
<td>For ((1811) read (1811) [(19970) citation]</td>
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<td>For “Bouquet” read Bouquet [(40106) citation]</td>
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<td>−39</td>
<td>For “Open field” read Open field [(72827) citation]</td>
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For Lu fattu di Bissana read “Lu fattu di Bissana”
[(17435) citation]

For In la dispensa di la surfara read “In la dispensa
di la surfara” [(17435) citation]

For Museo di Scienze Planetarie read Museo di
Scienze Planetarie [(18116) citation]

For Nun danket alle Gott read “Nun danket alle
Gott” [(118178) citation]

For (in German, “Stannern”) read (German name,
Stannern) [(61208) citation]

For The tales of the Grotesque and Arabesque read
His Tales of the Grotesque and Arabesque
[(17427) citation]

For The Raven read “The Raven” [(17427) citation]

For The clear bright sun is rising now read “The
clear bright sun is rising now”
[(162001) citation]

For Sunk is the sun's last beam of light read “Sunk is
the sun's last beam of light”
[(162001) citation]

For in in read in [(145545) citation]

For “Bird, Bell and I” read Bird, Bell and I
[(100309) citation]

For “Big Catch of Fish” read Big Catch of Fish
[(100309) citation]

For “Goat Songs” read Goat Songs
[(100675) citation]

For “Songs of Olden Days” read Songs of Olden
Days [(100675) citation]

For Plunge read Plungė [(144752) name]

For Plunge read Plungė [(144752) citation]

For “Winter Moons” read Winter Moons
[(39864) citation]

For Zdanavicius read Zdanavičius [(203823) name]

For Zdanavicius read Zdanavičius
[(203823) citation]

For V. Straizys read V. Straičys [(203823) citation]

For ducation to the orthopaedic read education to
the orthopedic [(73199) citation]

For Carlosanchez read Carlosánchez
[(202819) name]
MPC 68449  15  For times read instructions [(100434) citation]
MPC 69493  - 6  For archeoastronomy read archeoastronomy [(58896) citation]
MPC 72201  -31  For “A Journey among the Stars” read A Journey Among the Stars [(121019) citation]
MPC 79103  -37  For “Cavalleria rusticana” read Cavalleria rusticana [(21219) citation]
MPC 79106  14  For Istvan read István [(142760) citation]
MPC 81934  16  For theatre read theater [(100553) citation]
MPC 86714  23  For “Magnificent Desolation” read Magnificent Desolation [(15364) citation]
MPC 86714  24  For “Moonfire” read Moonfire [(15364) citation]
MPC 89076  15  For ‘Nasmyth’ read Nasmyth [(5680) citation]
MPC 89080  -10  For ars nova read ars nova [(14403) citation]
MPC 89080  - 9  For Le voir dit read Le voir dit [(14403) citation]
MPC 90378  27  For “Kanjincho” read Kanjincho [(14441) citation]
MPC 90378  39  For “Kanjincho” read Kanjincho [(14469) citation]
MPC 91790  14  For “Metamorphoses” read Metamorphoses [(4197) citation]
MPC 91790  16 to 17  For “The Matrix” read the Matrix [(4197) citation]
MPC 95308  -12 to -11  For “Toulky českou minulosti” (“Rambles through Czech History”) read Toulky českou minulosti (Rambles Through Czech History) [(5423) citation]
MPC 99892  -14  For ‘90125’ read 90125 [(90125) citation]
MPC 100606  5  For organisation read organization [(8664) citation]
MPC 109632  9 to 11  For ‘Tsukihime’, ‘Fate/stay night’, and ‘Kara no Kyoukai’ (English title ‘Garden of Sinners’) read Tsukihime, Fate/stay night, and Kara no Kyoukai (English title Garden of Sinners) [(54563) citation]
MPC 110634  -23  For née read née [(38246) citation]
MPC 123450  19  For A poem of a journey along the River Chikuma read “A poem of a journey along the River Chikuma” [(23478) citation]
MPC 123452  5  For Demon Slayer: Kimetsu no Yaiba read Demon Slayer: Kimetsu no Yaiba [(121121) citation]
Bull. 3, #13, 11  22 to 23  For Spirou, Tintin and Pilote read Spirou, Tintin and Pilote [(236463) citation]
Bull. 3, #13, 16  18  For Nadapraevcová read Naďapraevcová [(35353) name]
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.

(38639) Samuels = 2000 NJ₁₆
*Discovery: 2000-07-05 / LONEOS / Anderson Mesa / 699*
  
  David Samuels (b. 1959) is an American amateur astronomer who for many years has installed, operated and maintained global CAMS (Cameras for All-Sky Meteor Surveillance) low-light video camera stations for the mapping of meteor showers. He was instrumental in establishing the first CAMS station at Fremont Peak Observatory.

(38642) Breukers = 2000 NY₁₇
*Discovery: 2000-07-05 / LONEOS / Anderson Mesa / 699*
  
  Martin Breukers (b. 1961) is a Dutch amateur astronomer and meteor observer who has coordinated and analyzed results from the CAMS BeNeLux low-light video camera network for many years.

(38643) Scholten = 2000 NZ₁₉
*Discovery: 2000-07-05 / LONEOS / Anderson Mesa / 699*
  
  Alex Scholten (b. 1962) is a Dutch amateur astronomer, former chair of the Working Group on Comets of the Royal Netherlands Association for Meteorology and Astronomy, and is a leading member of the Dutch Meteor Society. He has published extensively on the visual observation of meteors and comets.

(38667) de Lignie = 2000 OT₅₆
*Discovery: 2000-07-29 / LONEOS / Anderson Mesa / 699*
  
  Marc de Lignie (b. 1964) is a Dutch physicist and an amateur astronomer who pioneered techniques and developed tools for the observation and triangulation of meteors using intensified and low-light video cameras. He has published results of his observations for many years.

(38823) Nijland = 2000 RN₈₇
*Discovery: 2000-09-02 / LONEOS / Anderson Mesa / 699*
  
  Jos Nijland (b. 1963) is a Dutch amateur astronomer and leading member of the Dutch Meteor Society. He has observed meteors visually, operated all-sky and low-light video cameras, and published his results for many years.
Casper ter Kuile (b. 1954) is a Dutch amateur astronomer and a leading member of the Dutch Meteor Society. He organized and participated in photographic meteor observing campaigns, took part in the data analysis and published results on meteor showers and potential meteorite falls for many years.

Jaap van ’t Leven (b. 1966) is a Dutch amateur meteor astronomer who photographs meteors and comets. He is a leading member of the Dutch Meteor Society and chairman of the Working Group on Comets of the Royal Netherlands Association for Meteorology and Astronomy.

Michel Vandeputte (b. 1977) is a Dutch amateur astronomer who is among the most active visual observers of meteors in Belgium. He has published extensively on the results from those observations for many years.

Jean Marie Biets (b. 1959) is a Belgian amateur astronomer. He is one of the most active photographic observers of meteors in Belgium and has published on the results from those observations for many years.

Robert Haas (b. 1964) is a Dutch amateur astronomer and leading member of the Dutch Meteor Society. He has photographed and video-imaged meteors for many years.

Alfred Vidal-Madjar (b. 1942) is a French observational astrophysicist. He participated in the first detection of a microlensing event, made the first detection of deuterium in the interstellar medium, discovered the first evaporating exoplanet and proposed the existence of exocomets in the β Pictoris system.

Agnés Acker (b. 1940) is a French astrophysicist involved in the study of planetary nebulae. She has been very active in public outreach. She is professor emeritus of the University of Strasbourg and founder of the Strasbourg Planetarium, which she directed for 22 years. She is the author or co-author of more than 200 articles in international journals.
(48915) Patbrandebourg = 1998 OJ₅
*Discovery: 1998-07-29 / ODAS / Caussols / 910*

Patrick Brandebourg (b. 1957) is a French amateur astronomer who founded his first astronomy club more than 50 years ago. He has organized collaborations between astronomy clubs in the Lorraine region of France and many outreach events. He now mostly observes variable stars.

(154997) Marstream = 2005 NF₁
*Discovery: 2005-07-02 / D. Herald / Kambah / 415*

Margaret Streamer (b. 1947) is an amateur Australian astronomer who was told by her high-school principal “don't be silly, girls don't do astronomy”. Almost 60 years later, after a career in biochemistry and a lifetime interest in amateur astronomy, Margaret returned to university and graduated with a Master of Philosophy (Astronomy and Astrophysics).

(280244) Ati = 2002 WP₁₁
*Discovery: 2002-11-27 / F. Bernardi, M. Tombelli * / Campo Imperatore / 599*

Ati is a character, created by the National Etruscan Museum of Villa Giulia and Genus Bononiae, symbolizing an Etruscan princess and a free, independent woman of the ancient Etruria (sixth century BCE). She represents the portrait of a truly surprising female status for her epoch: emancipated and full of dignity.

(287875) Pavlokorsun = 2003 SV₃₁₃
*Discovery: 2003-09-29 / Andrushivka / Andrushivka / A50*

Pavlo Korsun (1957–2022) was a Ukrainian astrophysicist whose research focused on studying the physical properties of comets and comet-like activity at large heliocentric distances. Based on his own observations and numerical simulations, he obtained the surface brightness distribution of some comets and studied their spectra.

(357243) Jefferies = 2002 OQ₃₇
*Discovery: 2011-10-18 / Pan-STARRS 1 / Haleakala / F51*

John T. Jefferies (b. 1925) is an Australian-American solar physicist and was the founder and first Director of the University of Hawaii Institute for Astronomy. He oversaw the development of several major telescopes on Mauna Kea, including the CFHT. He became the first Director of the National Optical Astronomy Observatories in 1984.

(611070) Hsurueron = 2006 RG₂₃
*Discovery: 2006-07-21 / H.-C. Lin, Q.-z. Ye * / Lulin / D35*

Rue-Ron Hsu (b. 1958) is a physicist who serves at the Department of Physics, National Cheng Kung University. He has significantly contributed to exploring transient luminous events such as sprites and gigantic jets, as well as science education and outreach in Taiwan.
(614690) Conversimarcello = 2021 XT₆₆

*Discovery: 2021-12-04 / L. Conversi, M. Micheli / Calar Alto-Schmidt / Z84*

Marcello Conversi (1917–1988) was an Italian professor of particle physics, member of CERN and the Accademia dei Lincei. He is best known for the Conversi, Pancini and Piccioni cosmic ray experiment (1942–1946) which demonstrated that the mesotron, nowadays known as the muon, was not the particle predicted by Yukawa to be the mediator of the strong force.
**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)**

<table>
<thead>
<tr>
<th>Comet Name</th>
<th>MPEC Date</th>
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<tbody>
<tr>
<td>C/2023 Q1 (PANSTARRS)</td>
<td>MPEC 2023-T8</td>
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<tr>
<td>C/2023 R2 (PANSTARRS)</td>
<td>MPEC 2023-T7</td>
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<td>C/2023 S2 (ATLAS)</td>
<td>MPEC 2023-T5</td>
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<td>C/2023 R1 (PANSTARRS)</td>
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<td>C/2023 P1 (Nishimura)</td>
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459P/2010 VH₉₅ (Catalina) \hspace{1cm} MPEC 2023-F167
C/1971 M1 (Edwards) \hspace{1cm} MPEC 2023-F148
C/2023 C2 (ATLAS) \hspace{1cm} MPEC 2013-F141
458P/2023 C1 = P/2016 C3 (Jahn) \hspace{1cm} * MPEC 2023-F121
C/1951 G1 (Groeneveld) \hspace{1cm} MPEC 2023-F18
C/2023 E1 (ATLAS) \hspace{1cm} MPEC 2023-E59
C/2023 A3 (Tsuchinshan-ATLAS) \hspace{1cm} MPEC 2023-D77
C/2018 S3 (TESS) \hspace{1cm} MPEC 2023-D54
C/2023 A2 (SWAN) \hspace{1cm} MPEC 2023-D49
P/2023 B3 (PANSTARRS) \hspace{1cm} MPEC 2023-D10
P/2021 PE₂₀ (ATLAS) \hspace{1cm} MPEC 2023-C66
C/2022 T1 (Lemmon) \hspace{1cm} MPEC 2023-C52
C/2023 B2 (ATLAS) \hspace{1cm} MPEC 2023-C44
C/2022 Y2 (Lemmon) \hspace{1cm} MPEC 2023-B225
P/2023 B1 (PANSTARRS) \hspace{1cm} MPEC 2023-B118
C/2023 A1 (Leonard) \hspace{1cm} MPEC 2023-B66
C/2022 Y1 (Hogan) \hspace{1cm} MPEC 2023-A37
C/2022 W3 (Leonard) \hspace{1cm} MPEC 2023-A29
C/2022 W2 (ATLAS) \hspace{1cm} MPEC 2023-A28

**Recent Numberings**

471P/2023 KF₃ = P/2010 YK₃ \hspace{1cm} MPC 164694
470P/2014 W₁ = P/2023 O₂ (PANSTARRS) \hspace{1cm} MPC 164694
469P/2015 XG₄₂₂ (PANSTARRS) \hspace{1cm} MPC 164694
468P/2004 V₃ = P/2023 O₁ (Siding Spring) \hspace{1cm} MPC 164694
467P/2010 TO₂₀ = P/2023 H₆ (LINEAR-Grauer) \hspace{1cm} MPC 164694
466P/2015 T₃ = P/2023 M₃ (PANSTARRS) \hspace{1cm} MPC 163244
465P/2008 L₂ = P/2023 L₁ (Hill) \hspace{1cm} MPC 163244
464P/2014 OL₄₆₅ (PANSTARRS) \hspace{1cm} MPC 163244
463P/2018 HT₃ (NEOWISE) \hspace{1cm} MPC 163244
462P/2022 M₁ = P/2000 OZ₂₁ (LONEOS-PANSTARRS) \hspace{1cm} MPC 163244
461P/2010 OE₁₀₁ = P/2021 LJ₃₁ (WISE) \hspace{1cm} MPC 163244
460P/2016 BA₁₄ = P/2020 U₆ (PANSTARRS) \hspace{1cm} MPC 162027
459P/2010 VH₉₅ (Catalina) \hspace{1cm} MPC 162027
458P/2023 C₁ = P/2016 C₃ (Jahn) \hspace{1cm} MPC 162027
457P/2020 O₁ = P/2016 N₇ (Lemmon-PANSTARRS) \hspace{1cm} MPC 162027
456P/2021 L₄ = P/2012 Q₃ (PANSTARRS) \hspace{1cm} MPC 160359
455P/2017 S₉ = P/2011 Q₅ = P/2022 R₇ (PANSTARRS) \hspace{1cm} MPC 160359
454P/2022 U₅ = P/2013 W₃ (PANSTARRS) \hspace{1cm} MPC 160359
453P/2022 V₁ = P/2010 BN₁₀₉ (WISE-Lemmon) \hspace{1cm} MPC 160359
452P/2003 CC₂₂ = P/2022 B₅ (Sheppard-Jewitt) \hspace{1cm} 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 24466 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.
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
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- Peter Vereš, *ex-officio* (MPC)

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