JECO JOURNAL OF ENVIRONMENTAL COMMENTS AND OBSERVATIONS

Subject: correction to: “Process towards the definition of the assessment criteria for the biological effects of contaminants on fish in the Italian seawaters national monitoring”.

Original article:

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“Process towards the definition of the assessment criteria for the biological effects of contaminants on fish in the Italian seawaters national monitoring”

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https://DOI.ORG/10.82010/JECO.BSRC.2025.03

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Following the publication of the original article, some errors were identified:

A first error was identified in: paragraph 2.5, line 7

The originally published version stated: "only data GSI >1.3"

The correct text/data should read: “only data GSI ≤ 1.3”

The correction concerns: a typographical error (typo) related to the inequality sign that was inadvertently reported incorrectly. The correction reflects the actual GSI criterion used for dataset selection and subsequent analyses; it does not affect the results, statistical analyses, or conclusions of the study.

A second error was identified in: paragraph 3.1, Table 4 (sixth row and fifth column)

The originally published version stated: “234.32”

The correct text/data should read: “243.32”

The correction concerns: a data transcription error occurred during table preparation. The corrected value corresponds to the original analytical dataset; this correction does not affect the study conclusions, and it does not affect the interpretation of the results or the conclusions of the study.

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A third error was identified in: paragraph 3.2, Table 5 (heading)

The originally published version stated: “MSFD Italian monitoring activity (2019-2021). Mean value of biomarkers in *M. barbatus,* CBEI values and BQJ. SD: standard deviation; sem: standard error. Bolded numbers: values deviating from IT-BACs. B: brain; M: muscle; mic: microsomal cell fraction”

The correct text/data should read: “MSFD Italian monitoring activity (2019-2021). Mean value of biomarkers in *M. barbatus*, CBEI values and BQJ. SD: standard deviation; sem: standard error. Bolded numbers: values deviating from IT-BACs. B: brain; M: muscle; mic: microsomal cell fraction. Note: the CBEI value was calculated using brain AChE data, while muscle AChE data were not included”.

The correction concerns: a methodological description error in the table heading. The table heading lacked information regarding the specific AChE dataset used for the CBEI calculation. The additional note clarifies that only brain AChE data were included together with LMS-HEXO, MN, and EROD data, whereas muscle AChE data were excluded, thereby improving methodological transparency and reproducibility. This correction does not affect the results, analyses, or conclusions of the study.

Following verification of the relevant data and analyses, the authors and the editorial team confirm that this correction does not significantly affect the overall interpretation of the results or the conclusions of the article.

This correction refers to Formal Correction Request No. 2026-J-001 – 16 November 2026.

The *erratum* has been published on the JECO website (https://jecojournal.it/) and assigned the DOI DOI.ORG/10.82010/JECO.BSRC.2026.06 to document the correction.

The editorial team apologises for any inconvenience caused by this error.

Place and date: Fonteblanda (GR, Italy), 16 November 2026

Signature: _____ Provenza Francesca

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