frontiers | Frontiers in Plant Science

TYPE Correction
PUBLISHED 12 January 2026
DOI 10.3389/fpls.2025.1756967

Check for updates

OPEN ACCESS

EDITED AND REVIEWED BY
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Instituto Tecnológico Agrario de Castilla y León, Spain

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RECEIVED 29 November 2025
ACCEPTED 15 December 2025
PUBLISHED 12 January 2026

CITATION
Manoharan R, Asthana S, Somanathan Nair C, Gokhale T, Nishanth D, Jaleel A and Sood N (2026) Exploring the hidden treasure in arid regions: pseudocereals as sustainable, climate-resilient crops for food security.
Front. Plant Sci. 16:1756967.
doi: 10.3389/fpls.2025.1756967

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Exploring the hidden treasure in arid regions: pseudocereals as sustainable, climate-resilient crops for food security

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KEYWORDS

alternative crop, pseudocereals, nutritional value, food security, climate resilience, arid regions, sustainable agriculture, GWAS

A Correction on

Exploring the hidden treasure in arid regions: pseudocereals as sustainable, climate-resilient crops for food security

By Manoharan R, Asthana S, Somanathan Nair C, Gokhale T, Nishanth D, Jaleel A and Sood N (2025) *Front. Plant Sci.* 16:1662267. doi: 10.3389/fpls.2025.1662267

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- The reference for "Zhang et al., 2017" was erroneously written as "Zhang, L., Li, X., Ma, B., Gao, Q., Du, H., Han, Y., et al. (2017). The tartary buckwheat genome provides insights into rutin biosynthesis and abiotic stress tolerance. *Mol. Plant* 10, 1224–1237. doi: 10.1016/j.molp.2017.08.008". It should be "Zhang, L., Li, X., Ma, B., Gao, Q., Du, H., Han, Y., et al. (2017). The tartary buckwheat genome provides insights into rutin biosynthesis and abiotic stress tolerance. *Mol. Plant* 10, 1224–1237. doi: 10.1016/j.molp.2017.08.013".
- The reference for "Zhao et al., 2023" was erroneously written as "Zhao, H., He, Y., Zhang, K., Li, S., Chen, Y., He, M., et al. (2023). Rewiring of the seed metabolome during Tartary buckwheat domestication. *Plant Biotechnol.* J. 21, 150–164. doi: 10.1111/pbi.13988". It should be "Zhao, H., He, Y., Zhang, K., Li, S., Chen, Y., He, M., et al. (2023). Rewiring of the seed metabolome during Tartary buckwheat domestication. *Plant Biotechnol.* J. 21, 150–164. doi: 10.1111/pbi.13932".
- The reference for "Zhu et al., 2015" was erroneously written as "Zhu, H., Wang, H., Zhu, Y., Zou, J., Zhao, F. J., and Huang, C. F. (2015). Genome-wide transcriptomic and phylogenetic analyses reveal distinct aluminum-tolerance mechanisms in the aluminum accumulating species buckwheat (Fagopyrum tataricum). *BMC Plant Biol.* 15, 16. doi: 10.1186/s12870-015-0417-9". It should be "Zhu, H., Wang, H., Zhu, Y., Zou, J., Zhao, F. J., and Huang, C. F. (2015). Genome-wide transcriptomic and phylogenetic analyses reveal distinct aluminum-tolerance mechanisms in the aluminum accumulating species buckwheat (*Fagopyrum tataricum*). *BMC Plant Biol.* 15, 16. doi: 10.1186/s12870-014-0395-z".

The reference "Woomer, J. S., and Adedeji, A. A. (2020). Current applications of gluten-free grains –a review. Crit. Rev. Food Sci Nutr. 61, 14–24. doi: 10.1080/10408398.2020.1713724" was duplicated in the reference list. The duplication has been removed.

A correction has been made to the section **Pseudocereals in food security**, paragraph 1. The year in "Alencar and de Carvalho Oliveira, 2023" should be "2019" instead. The text has been updated to read as follows:

"After processing, pseudocereals are used in baked goods, fermented drinks, and extruded snacks (Alencar and de Carvalho Oliveira, 2019; Graziano et al., 2022; Martínez-Villaluenga et al., 2020)".

A correction has been made to section **Pseudocereals as alternative crops**, paragraph 1. Instead of: "The figure depicts that pseudocereals contribute only 14%, indicating their significant role as alternative crops in different food groups", the line should read: "The figure depicts that pseudocereals contribute only 14 species, indicating their significant role as alternative crops in different food groups".

There was a mistake in **Figure 2** and its caption as published. The percentage symbol "%" should be removed from the pie chart numbers and the caption "Pseudocereals' contribution in alternative food groups Source: Indian Food Composition Tables, NIN (Longvah, 2017)" should be changed with: "Pseudocereals' contribution in alternative food groups. (Modified from Pradhan et al., 2021)". The reference details for Pradhan et al., 2021 are: "Pradhan, A., Rane, J., & Pathak, H. (2021). Alternative crops for augmenting farmers' income in abiotic stress regions. *Technical Bulletin*, (29), 26."

The corrected **Figure 2** and its caption appear below.

The original version of this article has been updated.

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10.3389/fpls.2025.1756967

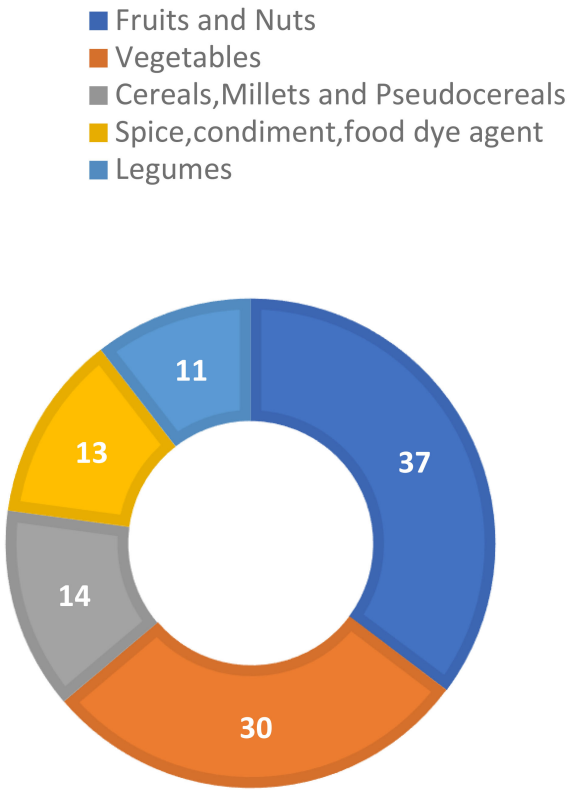

FIGURE 2
Pseudocereals' contribution in alternative food groups. (Modified from Pradhan et al., 2021).