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EDITED AND REVIEWED BY
Tino Colombi,
Swedish University of Agricultural Sciences,
Sweden

\*CORRESPONDENCE

Yan Wang

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# Corrigendum: The hierarchy of protoxylem groupings in primary root and their plasticity to nitrogen addition in three tree species

Zhongyue Li<sup>1</sup>, Siyuan Wang<sup>2</sup>, Wenna Wang<sup>3</sup>, Jiacun Gu<sup>2</sup> and Yan Wang<sup>1\*</sup>

<sup>1</sup>Mountain Tai Forest Ecosystem Research Station of State Forestry and Grassland Administration, College of Forestry, Shandong Agricultural University, Tai'an, China, <sup>2</sup>Key Laboratory of Sustainable Forest Ecosystem Management-Ministry of Education, School of Forestry, Northeast Forestry University, Harbin, China, <sup>3</sup>Institute of Tropical Agriculture and Forestry, Hainan University, Haikou, China

## KEYWORDS

hardwood species, fine root, root developmental order, protoxylem group, morphology, anatomy, fertilization

# A Corrigendum on

The hierarchy of protoxylem groupings in primary root and their plasticity to nitrogen addition in three tree species

by Li Z, Wang S, Wang W, Gu J and Wang Y (2022) Front. Plant Sci. 13:903318. doi: 10.3389/fpls.2022.903318

In the published article, there were errors in Figures 5, 6 and 7 as published. The word "proxylem" was misspelled. This should have been written as "protoxylem". The corrected Figures 5, 6 and 7 and their captions "FIGURE 5. Protoxylem group composition in different root developmental order for *Juglans mandshurica* (A-D), *Fraxinus mandshurica* (E-G) and *Phellodendron amurense* (H-J) under control (CK) and fertilization (+N), respectively. Different lower-case letters indicate significant differences in composition between control and fertilization within each root developmental order according to chisquare test (P<0.05)", "FIGURE 6. Relationship between the root protoxylem groups number and root length, root diameter and root stele diameter in *Juglans mandshurica* (A, D, G), *Fraxinus mandshurica* (B, E, H) and *Phellodendron amurense* (C, F, I), respectively" and "FIGURE 7. Relationship between the root protoxylem groups number and the number and diameter of root conduit, as well as hydraulic conductivity in *Juglans mandshurica* (A, D, G), *Fraxinus mandshurica* (B, E, H) and *Phellodendron amurense* (C, F, I), respectively" appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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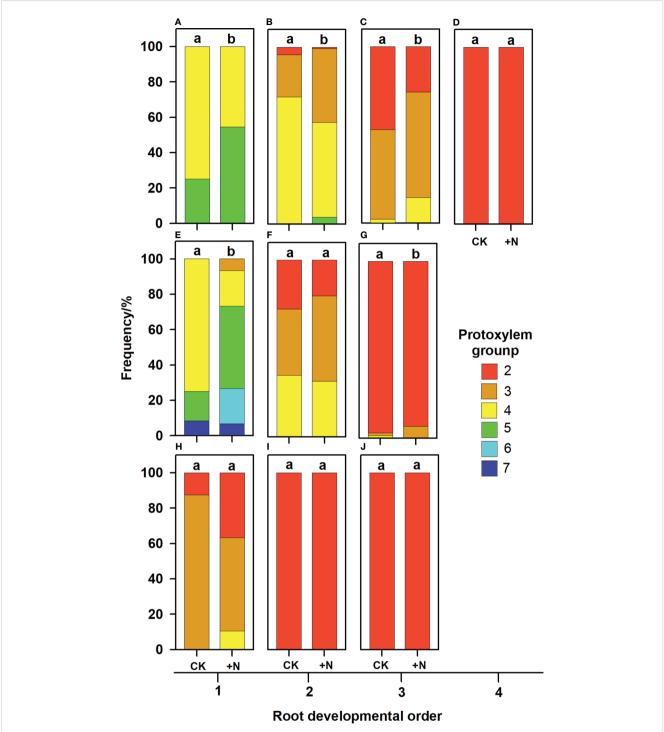


FIGURE 5
Protoxylem group composition in different root developmental order for *Juglans mandshurica* (A-D), *Fraxinus mandshurica* (E-G) and *Phellodendron amurense* (H-J) under control (CK) and fertilization (+N), respectively. Different lower-case letters indicate significant differences in composition between control and fertilization within each root developmental order according to chi-square test (P<0.05).

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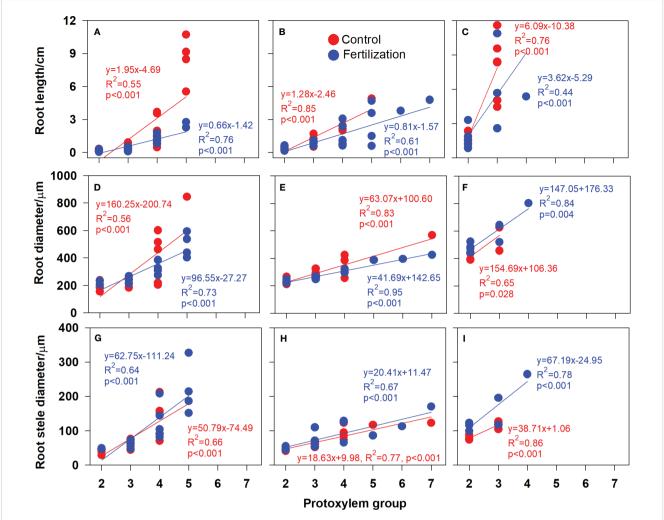
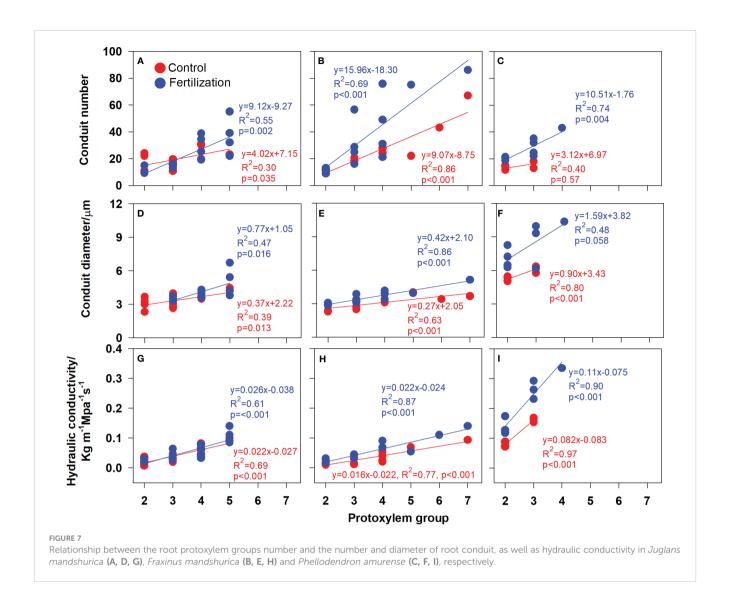


FIGURE 6
Relationship between the root protoxylem groups number and root length, root diameter and root stelle diameter in *Juglans mandshurica* (A, D, G), Fraxinus mandshurica (B, E, H) and *Phellodendron amurense* (C, F, I), respectively.

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