



Corrigendum

New Phytologist 232 (2021), 973-1122, doi: 10.1111/nph.17572.

Since its publication, the authors of Freschet *et al.* (2021) have identified some errors in their article, as follows.

On the title page, the affiliation for Štěpán Janěcek was incorrect. The correct affiliation is: Department of Ecology, Faculty of Science, Charles University, Vinicna 7, Prague 12801, Czech Republic.

In section 'XV. Root mechanics' (p. 1050), the equation shown in the text (Eqn 10) is incorrect. The corrected equation is shown below.

Finally, following a suggestion by a reader, Joseph Dubrovsky, Freschet *et al.* acknowledge that the term 'secondary root' mentioned in the section 'IV. Below-ground plant entities and root classifications' carries, in the current scientific literature, at least two distinct meanings, this of 'adventitious root', this of 'first-order lateral root' and is even sometimes used as a synonym of 'secondary lateral root'. These multiple uses of the same term, originally coined to distinguish from 'primary' root, may therefore be considered as confusing, and caution should be exercised in the use of the term 'secondary root'.

We apologize to our readers for these mistakes.

ORCID

A. Glyn Bengough https://orcid.org/0000-0001-5472-3077
Elison B. Blancaflor https://orcid.org/0000-0001-6115-9670
Ivano Brunner https://orcid.org/0000-0003-3436-995X
Louise H. Comas https://orcid.org/0000-0002-1674-4595
Grégoire T. Freschet https://orcid.org/0000-0002-8830-3860
Arthur Gessler https://orcid.org/0000-0002-1910-9589
Colleen M. Iversen https://orcid.org/0000-0001-8293-3450
Štěpán Janěcek https://orcid.org/0000-0003-1285-6490
Jitka Kliměsová https://orcid.org/0000-0003-0123-3263
Hans Lambers https://orcid.org/0000-0002-4118-2272

Section XV. Root mechanics (p. 1050) corrected text

The MoE_L (i.e. resistance to being deformed elastically, and not to failure) is defined as the slope of the quasi-linear part (elastic zone) of the relationship when stress and strain are plotted together (Fig. 1b) which can be formalized as:

$$MoE_L = \left(\frac{\sigma}{\epsilon}\right)$$
 Eqn 10

where $\frac{\sigma}{\epsilon}$ is estimated as the linear slope at the beginning of a tensile test.

M. Luke McCormack https://orcid.org/0000-0002-8300-5215

Ina C. Meier https://orcid.org/0000-0001-6500-7519
Liesje Mommer https://orcid.org/0000-0002-3775-0716
Loïc Pagès https://orcid.org/0000-0002-2476-6401
Hendrik Poorter https://orcid.org/0000-0001-9900-2433
Johannes A. Postma https://orcid.org/0000-0002-5222-6648
Boris Rewald https://orcid.org/0000-0001-8098-0616
Laura Rose https://orcid.org/0000-0003-4523-4145
Catherine Roumet https://orcid.org/0000-0003-1320-9770
Peter Ryser https://orcid.org/0000-0002-9495-9508
Verity Salmon https://orcid.org/0000-0002-2188-551X
Michael Scherer-Lorenzen https://orcid.org/0000-0001-9566-590X

Nadejda A. Soudzilovskaia D https://orcid.org/0000-0002-9584-2109

Nishanth Tharayil https://orcid.org/0000-0001-6866-0804 Oscar J. Valverde-Barrantes https://orcid.org/0000-0002-7327-7647

Monique Weemstra Dhttps://orcid.org/0000-0002-6994-2501
Alexandra Weigelt Dhttps://orcid.org/0000-0001-6242-603X
Nina Wurzburger https://orcid.org/0000-0002-6143-0317
Larry M. York Dhttps://orcid.org/0000-0002-1995-9479
Marcin Zadworny https://orcid.org/0000-0002-7352-5786

Reference

Freschet GT, Pagès L, Iversen CM, Comas LH, Rewald B, Roumet C, Kliměsová J, Zadworny M, Poorter H, Postma JAet al. 2021. A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. New Phytologist232: 973–1122.

Key words: below-ground ecology, handbook, plant root functions, protocol, root classification, root ecology, root traits, trait measurements.

Author for correspondence: Grégoire T. Freschet

Email: gregoire.freschet@sete.cnrs.fr