Correction to: Utilization of atmospheric solids analysis probe mass spectrometry for analysis of fatty acids on seed surface

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The authors would like to call the reader's attention to the following correction in the section "Semiquantitative analysis", page 1176, of the original publication.

Original sentence is:

"For instance, the seeds of dormant L100 genotype are smaller, but their seed coats are relatively thick (average diameter of seed calculated from six individuals was 46.73 mm, average outer seed coat area 32,160 mm², and weight 102.2 mg). The seeds of non-dormant Cameor genotype are larger (The average seed diameter was 79.17 mm, the average area 107,640 mm², and weight 115.5 mg.)"

The error is in the location of the decimal point of average diameter and average area of seeds that should be ten times lower for average diameter and one hundred times lower for average area.

Corrected sentence is:

"For instance, the seeds of dormant L100 genotype are smaller, but their seed coats are relatively thick (average diameter of seed calculated from six individuals was 4.673 mm, average outer seed coat area 321.6 mm², and weight 102.2 mg). The seeds of non-dormant Cameor genotype are larger (the average seed diameter was 7.917 mm, the average area 1076.4 mm², and weight 115.5 mg.)"

Consequently, the range of y-axis of Fig. 5b,d is changed. The range of y-axis in Fig. 5b is 0.00–0.30 and in Fig. 5d is 0.00–1.60. The correct Fig. 5b,d is given below.

This error did not influence other results presented in the article.

The online version of the original article can be found at <https://doi.org/10.1007/s00216-018-1551-3>

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Fig. 5 Content of hexacosanoic and octacosanoic acid in L100 and Cameor seed coats (determined in hexane extracts of seed coats (**a**, **b**) and directly by the measurement of dry seed coats (**c**, **d**); related to weight of seed coat (**a**, **c**) and related to its surface area (**b**, **d**))

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