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Correction to: Comparison of automatic and manual chamber methods for measuring soil respiration in a temperate broad-leaved forest

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Following publication of the original article (Lee, 2018), it was reported that a mismatch occurred between the online HTML article and the PDF version. In the PDF version of the article, text was missing on page 3 between "Rs was calculated from the rate of increase in CO2 concentration measured per unit of time (Eq. (1)):" and the equation "Rs $(mg\ CO_2\ m^{-2}\ h^{-1}) = a \cdot \rho \cdot V \cdot S^{-1}$" (2)

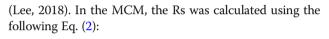The text from the beginning of page 3 should read as follows:

... AOCC system. Also, AOCC can minimize the artificial disturbance caused by the measurement because there is little access of the measurer around the measuring point. A detailed description of this type of system can be found in Suh et al. (2006) and Eom et al. (2018). Rs was calculated from the rate of increase in CO_2 concentration measured per unit of time (Eq. (1)):

$$Rs\ \left(mg\ CO_2\ m^{-2}\ h^{-1}\right) = a \cdot \rho \cdot L \cdot A^{-1} \qquad (1)$$

where a is the increasing rate of the CO_2 $(ppm\ min^{-1})$ in the closed chamber system, ρ is the density of CO_2, L is the total volume of the closed chamber system (m^3) included in chamber, tube, IRGA, pump etc., and A is the surface area in the chamber.

In the MCM, the CO_2 concentration was measured using a closed chamber cap of approximately 15 cm high that was installed with a CO_2 sensor (GMP343, Vaisala, Finland) at the top inner section. When the chamber cap was installed on the collar top, the CO_2 concentration in the closed space between the ground and the chamber cap increased with time

(Lee, 2018). In the MCM, the Rs was calculated using the following Eq. (2):

$$Rs\ \left(mg\ CO_2\ m^{-2}\ h^{-1}\right) = a \cdot \rho \cdot V \cdot S^{-1} \qquad (2)$$

The original article (Lee, 2018) has been updated.

Reference
Lee. Comparison of automatic and manual chamber methods for measuring soil respiration in a temperate broad-leaved forest. J Ecol Environ. 2018;42:32. https://doi.org/10.1186/s41610-018-0093-0.

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