ERRATUM

Erratum to: Analysis of a sugar maple tree core for monitoring environmental uranium contamination

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In the original publication of the article, the soil leachate (L1, L2, L3) concentrations and Fig. 2 was published erroneously. The Supplemental Information 1 and Supplemental Information 2 also published with incorrect values. The corrected version of Fig. 2 is provided in this erratum.

Within the first paragraph of Results section, the sentence that reads “The total anthropogenic soil leach (L3) contained 425 ppb U relative to ashed sample weight, whereas the weaker leaches simulating the bioavailable U fraction (ultrapure H₂O, L1; and 0.05 N HNO₃, L2) were 1.9 and 1.2 ppb, respectively, relative to dry sample weight” should be modified to “The total anthropogenic soil leach (L3) contained 4451 ppb U relative to ashed sample weight, whereas the weaker leaches simulating the bioavailable U fraction (ultrapure H₂O, L1; and 0.05 N HNO₃, L2) were 18.1 and 12.2 ppb, respectively, relative to dry sample weight.”

Additionally, the sentence in the second paragraph of the Discussion section currently reads: “The lower concentrations observed in tree core sections are likely due to (1) low abundances of bioavailable U in the surrounding soil (<2 ppb in soil leachates) and (2) selective root uptake and continued deposition of U in the cell structure whereas tree bark is the primary depositional surface for airborne particulates [8].” It should read “The lower concentrations observed in tree core sections are likely due to (1) low abundances of bioavailable U in the surrounding soil (<18 ppb in soil leachates) and (2) selective root uptake and continued deposition of U in the cell structure whereas tree bark is the primary depositional surface for airborne particulates [8].”

The corrected version of Supplemental Information 1 and Supplemental Information 2 is provided in this erratum.

Electronic supplementary material The online version of this article (doi:10.1007/s10967-016-4723-7) contains supplementary material, which is available to authorized users.

The online version of the original article can be found under doi:10.1007/s10967-015-4369-x.

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Fig. 2 **a** Simplified timeline of FFMPC history including a yearly record of U discharged into the air. **b** U concentration, **c** $^{235}\text{U}/^{238}\text{U}$, and **d** $(^{234}\text{U}/^{238}\text{U})$ with time in sugar maple core, sediment core [17],

bark [1, 2, 17], and soil leachates. Error bars are 2SD errors of each measurement