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Erratum: “Inward Radial Mixing of Interstellar Water Ices in the Solar Protoplanetary Disk” (2016, ApJL, 827, L1)

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The bulk D/H value of the CM chondrite Paris (i.e., $(167 \pm 0.2) \times 10^{-6}$) reported in the published article is incorrect (Vacher et al. 2016). The D/H_{SMOW} value used for the D/H calculation was 149×10^{-6} (i.e., D/H ratio of the Bulk Silicate Earth; Lécuyer et al. 1998) instead of 155.76×10^{-6} (i.e., D/H ratio of the Standard Mean Ocean Water). It implies that (i) all the bulk D/H values of Paris displayed in the Letter must be replaced by 174.5×10^{-6} and (ii) our previous estimation of the contribution interstellar water ice in Paris should be reevaluated to 20.6% (instead of 19%; page 5). However, the histogram distribution of bulk D/H ratios of CM chondrites (Figure 1) is correct, and the new bulk D/H value of Paris does not change the interpretations of the Letter.

References

- Lécuyer, C., Gillet, Ph., & Robert, F. 1998, *Chem. Geol.*, 145, 249
Vacher, L. G., Marrocchi, Y., Verdier-Paoletti, M., Villeneuve, J., & Gounelle, M. 2016, *ApJL*, 826, L1