Figure 2

Please replace this figure by the later version. Changes in the later version are:

1. change format of y-axis in panel (e), from μg/gOC to μg gOC-1

2. Capitalize the first letter of the notes next to all the y-axises, to keep the format identical

3. Modify the period labels on the x-axis, based on the time defined by Hodell et al. (2017), Rasmussen et al. (2006), and Rasmussen et al. (2007). In detail, Heinrich Stadial 1 (HS1) is modified from 18−14.7 to 17.1−14.7 kyr BP; Bølling-Allerød (B/A) is modified from 14.7−12.6 to 14.7−12.9 kyr BP; Younger Dryas (YD) is modified from 12.6−11.7 to 12.9−11.7 kyr BP; Preboreal (PB) is modified to 11.7−11.4 kyr BP. The line between PB and the Holocene is removed, because that the Holocene started at 11.7 kyrBP, and PB happened during the early Holocene. This modification does not change the interpretation in the main text

Figure 5

Please replace this figure by the later version. Changes in the later version are modify the period labels on the x-axis, based on the time defined by Hodell et al. (2017), Rasmussen et al. (2006), and Rasmussen et al. (2007). In detail, Heinrich Stadial 1 (HS1) is modified from 18−14.7 to 17.1−14.7 kyr BP; Bølling-Allerød (B/A) is modified from 14.7−12.6 to 14.7−12.9 kyr BP; Younger Dryas (YD) is modified from 12.6−11.7 to 12.9−11.7 kyr BP; Preboreal (PB) is modified to 11.7−11.4 kyr BP. The line between PB and the Holocene is removed, because that the Holocene started at 11.7 kyrBP, and PB happened during the early Holocene. This modification does not change the interpretation in the main text