

**Impact of sea-ice dynamics on the spatial distribution of diatom resting stages in sediments of the Pacific-Arctic Ocean**

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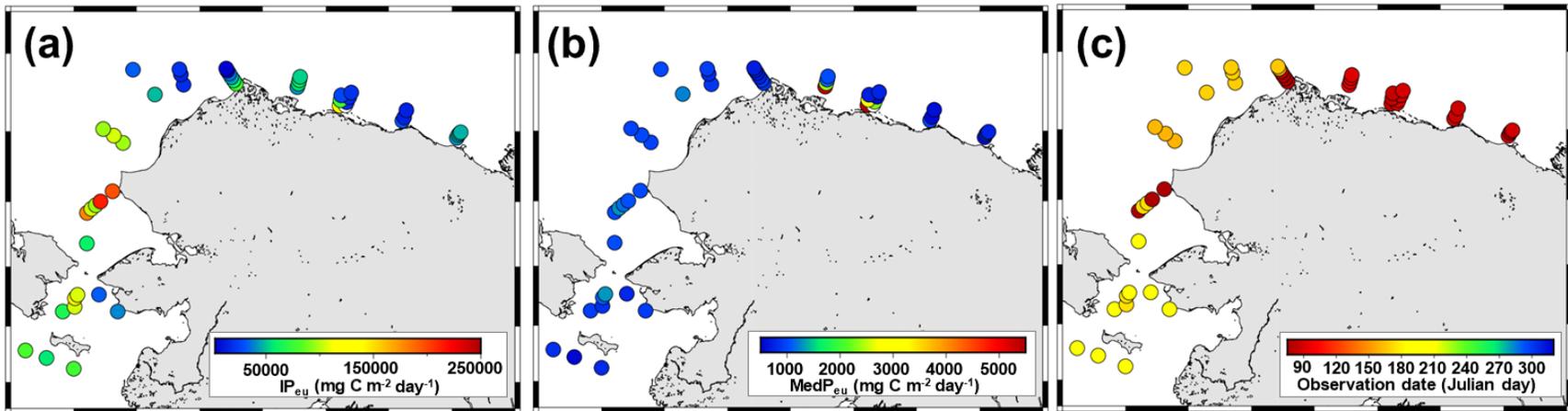
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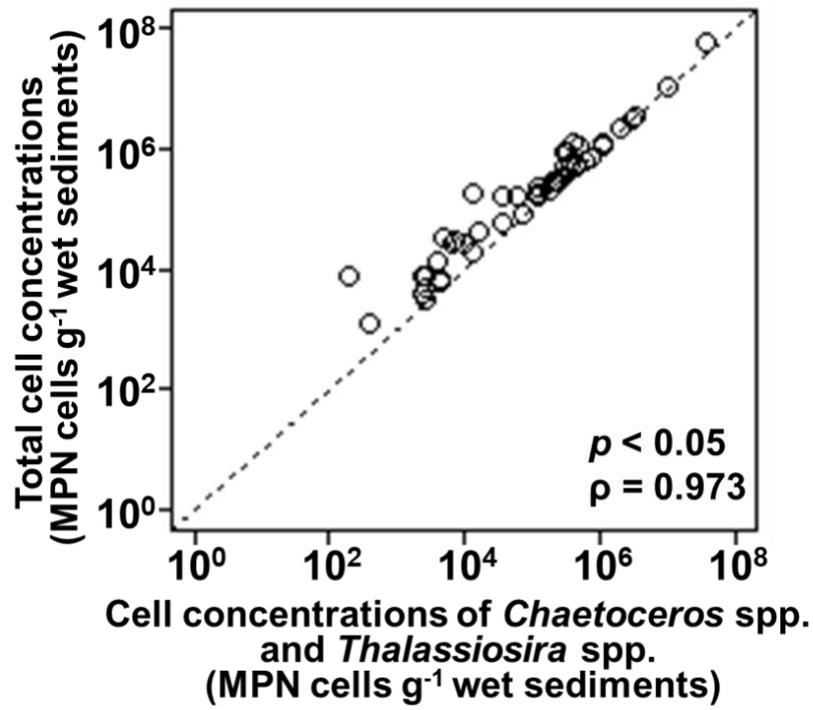
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**Figure S1.** Horizontal values of the integrated primary productivity from the TSR to the observation date ( $IP_{eu}$ ) (a), the median values of primary productivity from the TSR to the observation date ( $MedP_{eu}$ ) (b), and the observation date (c).



**Figure S2.** The relationship between the total cell concentrations and, *Chaetoceros* spp. and *Thalassiosira* spp. concentrations in MPN.