

***Interactive comment on “Impacts of exotic mangrove forests and mangrove deforestation on carbon remineralization and ecosystem functioning in marine sediments” by A. K. Sweetman et al.***

**A. K. Sweetman et al.**

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To whom it may concern,

Minor errors were made in abundance data. Abundance data has therefore been recalculated. However, these minor corrections do not affect the conclusions of the paper.

Sincerely,

Andrew

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Corrections to text are as follows: Page 2643: line 22 (abundance  $P = 0.014$ , not  $P = 0.009$ ) Page 2643: line 23 (PHR abundance  $183427 \pm 48081 \text{ m}^{-2}$ , SE), no change in relationship of PHR abundance to PHM or PHC abundance (see below description of table 2 data below) Page 2644: line 7 ( $P = 0.003$ , not  $0.008$ ) Page 2644: line 8 (KBR abundance  $46610 \pm 3957 \text{ m}^{-2}$ ; KBC abundance  $18684 \pm 1517 \text{ m}^{-2}$ ) Page 2644: line 19 (oligochaete abundance = 83%, not 67%) Page 2644: line 20 (spionid abundance = 37%, not 34%) page 2644: line 22 (harpacticoid abundance = 32%, not 30%) Page 2644: line 25 (Corophiid abundance = 62%, not 60%) Page 2644: line 27 (Sabellid abundance = 45%, not 39%) Page 2650: line 25 (fauna at 2-5cm depth (i.e. 'deeper in the sediment column' =  $14365 \pm 6833 \text{ m}^{-2}$ , not  $18182 \pm 10205 \text{ m}^{-2}$ ); (fauna at 0-2cm depth (i.e. 'compare to at the surface' =  $7233 \pm 5908 \text{ m}^{-2}$ , not  $8538 \pm 7208 \text{ m}^{-2}$ ). TEXT WILL BE CHANGED IN A REVISED PAPER IF ACCEPTED

Corrections to Table 2 are as follows: Unknown abundance at PHR ( $804 \pm 804 \text{ m}^{-2}$ ), PHR ( $1105 \pm 703 \text{ m}^{-2}$ ), PHC ( $100 \pm 100 \text{ m}^{-2}$ ), KBR (none, just fragments), KBC ( $603 \pm 301 \text{ m}^{-2}$ ). Total abundance at PHM ( $21597 \pm 12731 \text{ m}^{-2}$ ), PHR ( $183427 \pm 48081 \text{ m}^{-2}$ ), PHC ( $34154 \pm 10463 \text{ m}^{-2}$ ), KBR ( $46610 \pm 3957 \text{ m}^{-2}$ ), KBC ( $18684 \pm 1517 \text{ m}^{-2}$ ). TABLE WILL BE CHANGED IN A REVISED PAPER IF ACCEPTED

Corrections to Fig.3a,4a are as follows. NOTE: PROFILES OF GRAPHS DO NOT CHANGE (see attached figure files): Total abundance at PHM ( $21597 \pm 12731 \text{ m}^{-2}$ ), PHR ( $183427 \pm 48081 \text{ m}^{-2}$ ), PHC ( $34154 \pm 10463 \text{ m}^{-2}$ ), KBR ( $46610 \pm 3957 \text{ m}^{-2}$ ), KBC ( $18684 \pm 1517 \text{ m}^{-2}$ ). Note post-hoc comparison results do not change (i.e. PHR abundance is significantly greater than PHM and PHC, PHM abundance not significantly different from PHC). FIGURES WILL BE CHANGED IN A REVISED PAPER IF ACCEPTED

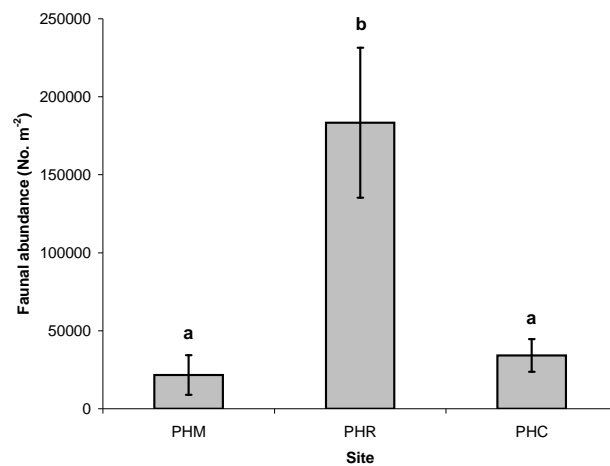
Corrections to Fig. 3b, 4b. NOTE: PROFILES OF GRAPHS DO NOT CHANGE (see attached figure files): PHM abundance at 0-2cm ( $7233 \pm 5908 \text{ m}^{-2}$ ) & 2-5cm ( $14365 \pm 6833 \text{ m}^{-2}$ ) PHR abundance at 0-2cm ( $165948 \pm 46833 \text{ m}^{-2}$ ) & 2-5cm ( $17479 \pm 2392 \text{ m}^{-2}$ ) PHC abundance at 0-2cm ( $26118 \pm 8540 \text{ m}^{-2}$ ) & 2-

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5cm ( $8036 \pm 1924 \text{ m}^{-2}$ ) KBR abundance at 0-2cm ( $37770 \pm 4724 \text{ m}^{-2}$ ) & 2-5cm ( $8840 \pm 3000 \text{ m}^{-2}$ ) KBC abundance at 0-2cm ( $14967 \pm 1049 \text{ m}^{-2}$ ) & 2-5cm ( $3717 \pm 785 \text{ m}^{-2}$ ) FIGURES WILL BE CHANGED IN A REVISED PAPER IF ACCEPTED

Interactive comment on Biogeosciences Discuss., 7, 2631, 2010.

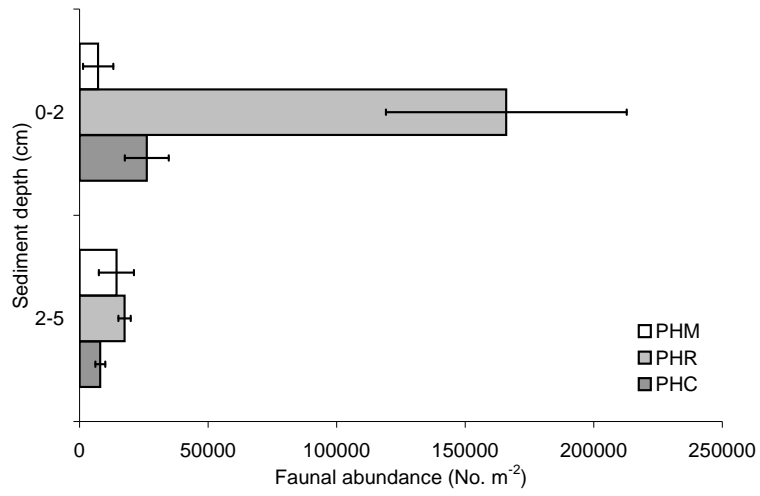
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Fig. 1.

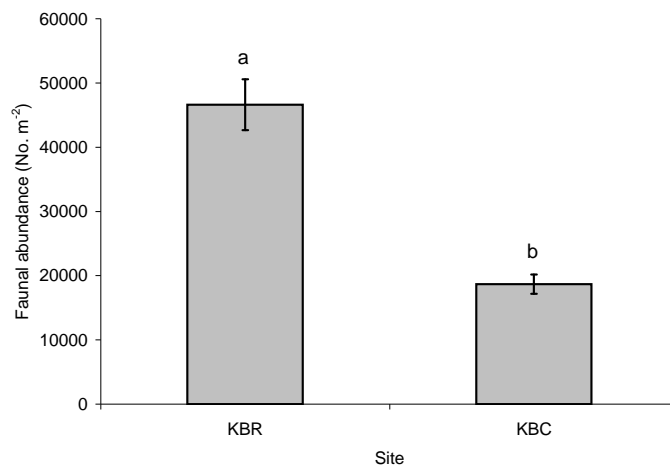
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**Fig. 2.**

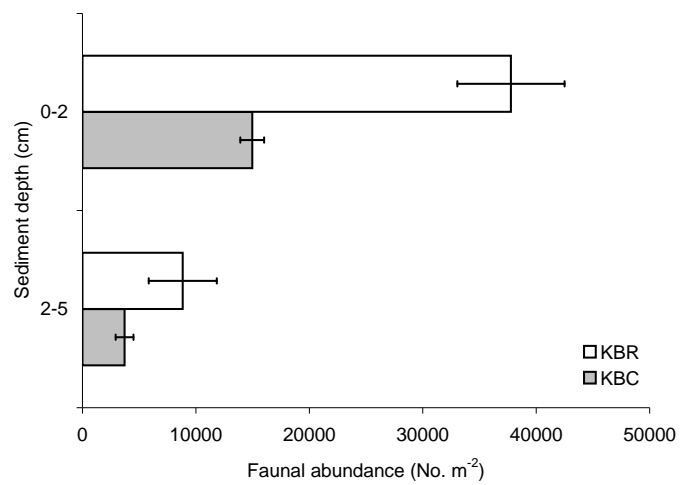
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**Fig. 3.**

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**Fig. 4.**