

Interactive comment on “Forest Floor Carbon Exchange of a Boreal Black Spruce Forest in Eastern Canada” by O. Bergeron et al.

Anonymous Referee #1

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The paper submitted by O. Bergeron et al. describes C exchange in a Boreal Black Spruce forest that is located in eastern Canada.

Information about seasonal soil respiration is still very limited and this paper gives more details about this seasonal changes. However this paper does not present new concepts regarding measurement techniques as EC is well known and has been used for some time. Substantial conclusions regarding soil respiration affect on whole ecosystem respiration are reached.

The scientific methods and assumptions are clearly described and need no further fixing.

The paper is well written and fully understandable and are in no need of further

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changes apart from some minor suggestion/modification.

Modifications:

Mixing of locations: Page 5508, line 4: You say that the study forest is in “eastern North America” though you say that it is in “Eastern Canada” in the title? Make it simplify and say only Eastern Canada as in the title.

Page 5511, line 3: Same as above.

Simplifying word use: Page 5516, line 25: The use of the word “spurious” doesn’t fit here, simplifying it to “unrealistic” does look better.

Page 5517, line 19: “Immediate vicinity”, “surroundings” sound more fluent.

Page 5518, line 22: “Derived”, “obtained” is maybe better.

Interactive comment on Biogeosciences Discuss., 6, 5507, 2009.

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