

Interactive comment on “Glacier change in the Cariboo Mountains, British Columbia, Canada (1952–2005)” by M. J. Beedle et al.

H. Escher-Vetter (Referee)

heidi@escher-vetter.de

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General comments: This is an interesting paper, which shows the change of a large number of glaciers in British Columbia over a period of more than 50 years. The methods used and the statistics applied are described quite soundly. The results are discussed quite extensively, and it has to be mentioned especially, that not only changes in area, but also in thickness are determined. The comparison with the results from Bolch et al. quantifies the difference between different methods and thus the general uncertainty in the classification of glacier sizes.

Specific comments: Page 14, line 25: do you give average numbers here? It is a little bit hard to find them in Table 6. Page 17, line 25: Could you comment a little bit more detailed on the statement and its relation to Fig. 7? Table 3: Could you explain a
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little bit more on the numbers (18, 5, 2, ...) given in the last statement below the table ('Summed extents and area change may omit some individual glaciers: All 18, C 5 and 18, ...'). If these numbers refer to the numbering of glaciers in the table, e.g. glacier #18 is not in the Castle, but in the Quanstrom region?

Technical comments: Page 10, line 11: 2000 m (not 2,000 m) Page 20, line 6: Figs. 10 and 11, not 9 and 10. Page 27, line 21: Citation of Schiefer et al., 2008 is probably missing in the text, I could only find citations of Schiefer et al, 2007. Figure 2, caption, last line: ...corresponds to that of Tables 2 and 3 (not 2 and 4).

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