**Biogeosciences
Discussions**

Interactive comment on "Sediment core fossils in ancient Lake Ohrid: testing for faunal change in molluscs since the Last Interglacial period" *by* C. Albrecht et al.

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Page 3970 Line 24: to "5-25 m" "water depth" should be added (i.e. not core depth)

Page 3971 Line 16: it is certainly not true that molluscs sometimes represent the only taxa in pre-Quaternary deposits. Almost all lacustrine molluscs consist of aragonite while ostracodes consist of calcite. And calcite is more stable than aragonite. Thus if molluscs are preserved there are certainly also ostracodes preserved. On the other hand it is well possible that aragonitic remains are not preserved but calcitic are (but not vice versa). Line 21: Do Mischke et al. refer to molluscs?

Page 3972 Lines 5 and 7: maybe one "outstanding" is enough

Page 3975 Line 22: instead of "calcite" "carbonate" seems to be appropriate because aragonite is included in this analysis

Page 3979: Dating of the last 100 years is usually conducted with the aid of Pb 210 because C14 is not very useful for the most recent history. Maybe a short comment can be given on this?

Page 3982: The difference between the ESR date and the assumption that the sediments investigated had been deposited during 127-118 ka needs some explanation (dating error?). For the "warm and relatively dry climate" a reference should be given. It should be discussed why under a dry climate the site was covered by water while it was apparently not during most of the last 130 ka.

References: Owen et al. is missing.

It was a pleasure to read this interesting and very fruitful study on Lake Ohrid sediments in fossil molluscs. I am looking forward to see the final printed version.

Interactive comment on Biogeosciences Discuss., 7, 3969, 2010.