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- First results on a limited number of samples show that radiocarbon age dating of pearls is possible.
- Radiocarbon dating may result in additional data (using the bomb-peak) which enables a unambiguous distinction between cultured and natural pearls.
- Radiocarbon dating of historic pearls must be further investigated with welldocumented samples.
- Extraction methods to avoid destruction of pearls have to be further developed by minimising the sample weight.
- For most pearls, the geographic locality where they formed is not known or only vaguely. This results in problems when corrections for the carbon reservoir ages are required.
- In general, freshwater shells and pearls give "fancy" ages (carbon reservoir).



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