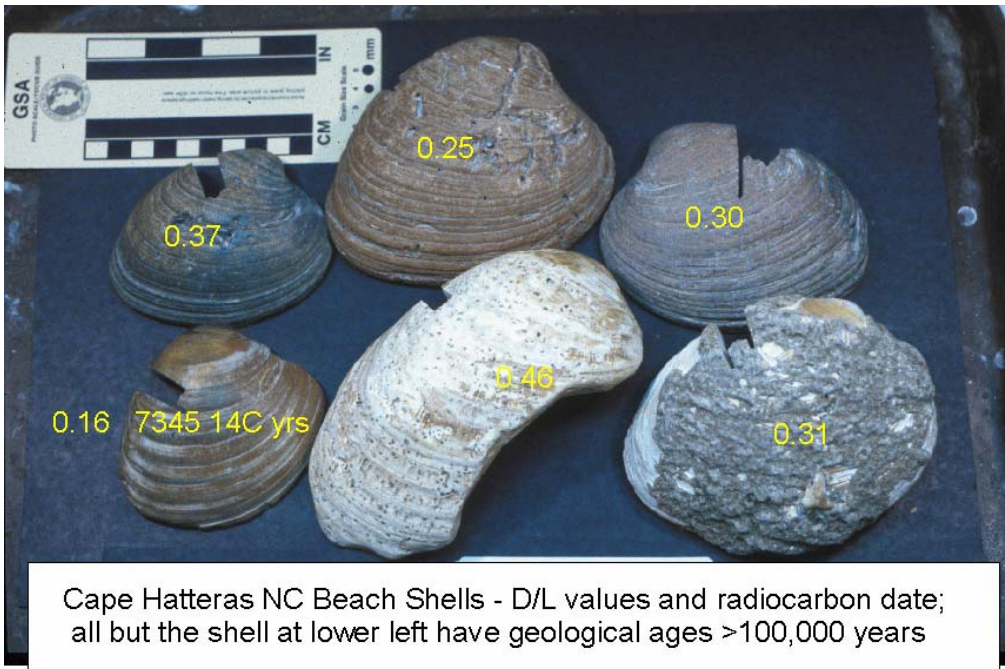


Cape Point, Cape Hatteras, North Carolina, January 1993



Beach shell collecting at Cape Point (Cape Hatteras), North Carolina. Six *Mercenaria* shells below were all collected at this site. Numbers in yellow are D-alloisoleucine/L-isoleucine values. Shell in lower left is Holocene; all others are Pleistocene.

Shells collected at Cape Point, Cape Hatteras, North Carolina, January 1993



Core Banks, North Carolina: Shells collected April 1993



S. Core Banks
(DAVIS)
4/13/93

Example of age mixing on North Carolina beaches. Three samples from South Core Banks, at the Davis Ferry landing. Clockwise from lower left: Pleistocene *Mercenaria* (distinctive grey color is usually diagnostic of pre-Holocene shells, at least for *Mercenaria* from NC beaches – Wehmiller et al., 1995); Pleistocene *Mercenaria* with Holocene attached corals; beachrock with cemented Tertiary sand dollar.