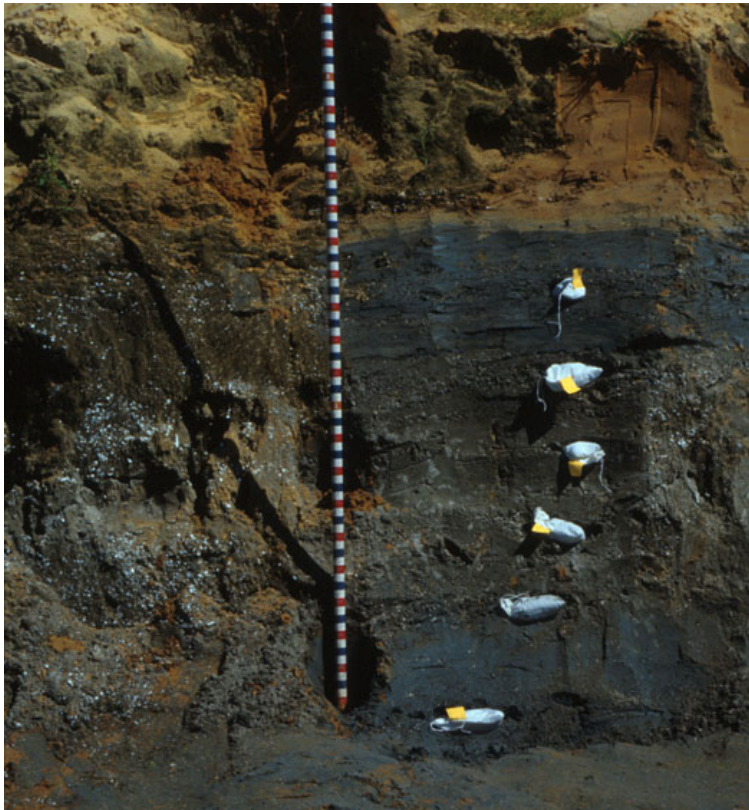


Sease Pit, Charleston South Carolina 1991



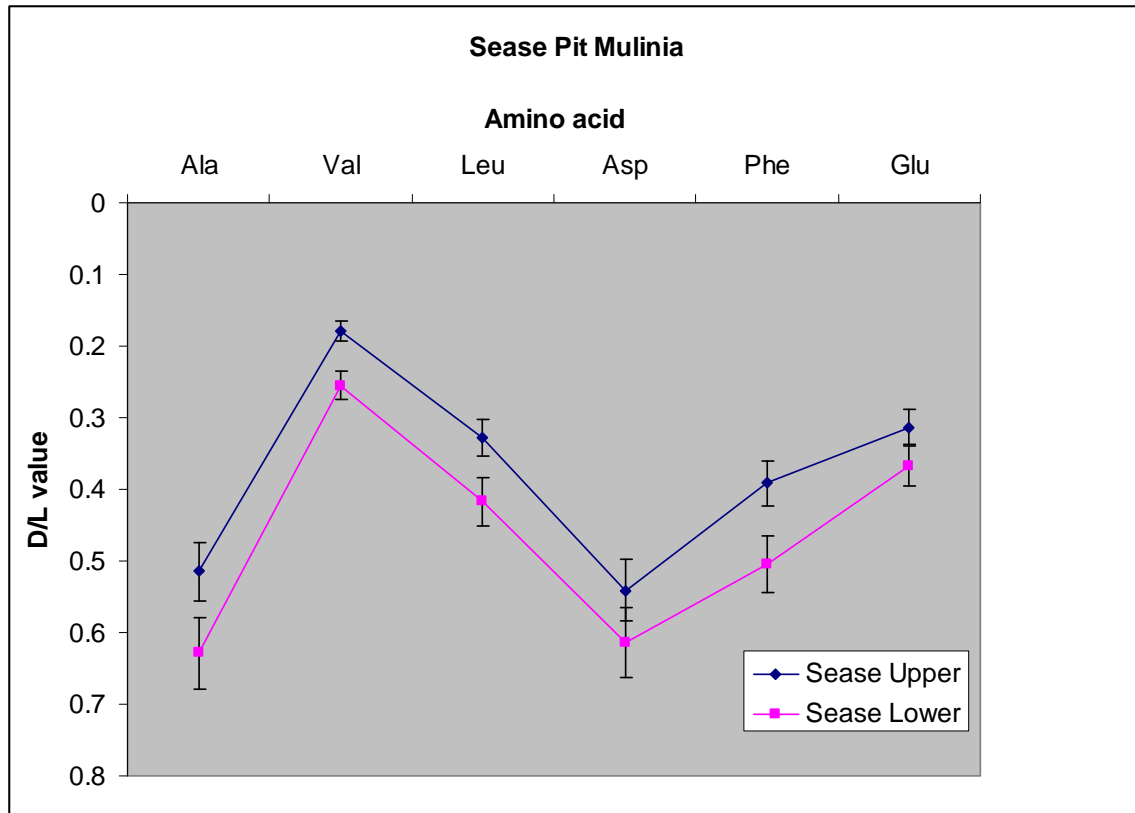
Unit 2 and  
Lag deposit



Upper Unit



Lower Unit



#### Sease Pit, Charleston South Carolina

Pit exposure was sampled in 1991. Photograph shows a measured section (each division on scale bar = 5cm). Unit 2 is an interbedded dark blue-grey silty clay with fine sand on ripples, some lenses of *Mulinia*; possible tidal flat. It is underlain by a shell lag deposit, with disarticulated *Mercenaria*. The unit below the lag deposit is fine to medium sand, with burrows. *Mulinia* from two levels in this lower unit were sampled and analyzed for D/L values. The mean values for these two depths are plotted in the lower figure, with 8% ranges around the mean values. The lower unit with higher D/L values is slightly coarser than the upper unit with lower D/L values, and the difference between the two groups of D/L values suggests at least 50 ka of age difference between these two aminozones, based on comparable information for this genus elsewhere in the region.