648
Success leads to uncertainty in fusion research

688
Pollinating the Cascadia earthquake record
Four successive molts of an individual predatory crab, 
*Productus*.

Because crustaceans can only change form when they molt, their shape was thought unlikely to respond to environmental stimuli received during the preceding intermolt. Nonetheless, *Productus* grew relatively larger and stronger claws in subsequent molts when their prey had harder shells. Therefore, the rigid exoskeleton does not prevent crustaceans from responding morphologically to environmental change. Longest dimension of largest molt is 60 millimeters. See page 710. [Photo: Richard Kozak]

### REPORTS

- **A Catastrophic Death Assemblage and Paleoclimatic Implications of Pliocene Seabirds of Florida**
  S. D. Emslie and G. S. Morgan

- **A Seismotectonic Model for the 300-Kilometer-Long Eastern Tennessee Seismic Zone**

- **Detection of Large Prehistoric Earthquakes in the Pacific Northwest by Microfossil Analysis**
  R. W. Mathewes and J. E. Cagle

- **The Last Deglaciation Event in the Eastern Central Arctic Ocean**
  R. Stein, S. I. Nam, C. Schubert, C. Vogt, D. Futterer, J. Heinemeier

- **Engineering Cell Shape and Function**

- **A Genetic Linkage Map for the Zebrafish**

### 719

Mouse Clock gene

### 668 & 677
To be or not to be: cell death in *Drosophila*