



FIGURE 13.60. Floodbasin deposits. Sandstone-filled desiccation cracks in mud (now eroded) that was draping small wave-ripple marks (wave lengths on the order of a centimeter) and current-ripple marks. The wave-ripple marks are symmetrical at the top on the left, but become asymmetrical and smaller in wavelength towards the lower right. Their crestlines also change orientation as they become more asymmetrical. These changes in wave-ripple marks are associated with shoaling water at the edge of an ephemeral floodplain pond. The current ripples in the lower half of the photo indicate a unidirectional flow to the right. From Bridge (2003).