



FIGURE 15.21. Beach deposits from South Carolina, USA. Images (A) and (B) show planar laminae in backshore-to-foreshore deposits. (C) Landward-dipping cross strata associated with a longshore bar (ridge) migrating into a trough (runnel) on the foreshore. The crest of the ridge is covered with antidunes and rhomboid ripples, both indicating supercritical (fast, shallow) flow of the wave swash and backwash. (D) Landward-dipping cross strata (formed by a longshore bar) overlain by planar laminae (formed on a plane bed) in foreshore deposits. Images (E) and (F) show an oyster-shell beach and eroded berm. The oyster shells were eroded from backbarrier marsh deposits exposed in the foreshore.