



FIGURE 15.31. Images (A)–(E) show burrowing of temperate upper-intertidal flat deposits. (A) Mastication pellets next to burrows of the fiddler crab (*Uca*). (B) Flaser bedding with heart-urchin burrows. (C) Burrowed flaser to wavy bedding, with fining upwards due to either changing wave conditions or the neap–spring tidal cycle. Images (D) and (E) show vertical and U-shaped burrows of worms in laminated sand–mud. Images (F)–(I) show shells on temperate upper-intertidal flats. (F) Gastropods feasting on cyanobacteria. (G) Mussel beds. (H) Oysters adjacent to saltmarsh. (I) Transported (mainly) bivalve shells. Images (J)–(L) show bed forms and sedimentary structures on tidal flats (see also Chapter 7). (J) Tidal dunes and two generations of superimposed wave ripples on a lower-intertidal flat. (K) Medium-scale cross strata and flaser bedding from a lower-intertidal flat. (L) Two sets of superimposed wave ripples on an upper-intertidal sand flat.