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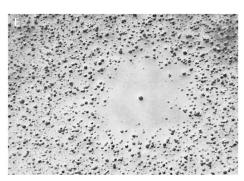


FIGURE 21.18. Examples of apparently altruistic traits. (*A*) Meerkat sentry (*Suricata suricatta*); (*B*) a colony of bees (*Apis mellifera*); (*C*) cooperatively breeding long-tailed tits (*Aegithalos caudatus*); (*D*) warningly colored monarch butterflies (*Danaus plexippus*) on their roost; and (*E*) bacteriocin production in *Escherichia coli*. The blank area of *E* in the center is the result of sensitive bacteria killed by a bacteriocin-producing colony.

C

21.18E, reprinted from Chao L. et al., *Proc. Natl. Acad. Sci.* 78: 6324–6328, © 1981 National Academy of Sciences, U.S.A.