



FIGURE 18.21. When *Pseudomonas fluorescens* is grown in small vials, the bacteria diversify in a reproducible way. (A) The three main types of colony: SM, smooth spreader (the ancestral type); WS, wrinkly spreader; FS, fuzzy spreader. (B) The distinctive growth patterns of these three types. (C) Summary of invasion experiments in which one type was introduced at low frequency (1%) into a population of another type. In all except one case (FS introduced into WS), the rare type invaded. The numbers on each arrow show the fitness of the rare type relative to the common type, measured over 7 days: numbers greater than 1 indicate successful invasion.

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