

TABLE 5. Most efficient cell diameters for chemotaxis<sup>a</sup>

Gradient length	Efficient diam (μm)
1 cm .....	~0.9
1 mm.....	~0.6
100 μm .....	~0.4
10 μm .....	~0.3

<sup>a</sup> Values are restated from those in reference 217.

217. **Mitchell, J. G.** 2002. The energetics and scaling of search strategies in bacteria. *Am. Nat.* **160**:727–740.