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Table 15.20 Classification of the fruiting myxobacteria ^a		
Characteristics		Genus/DNA (mol% GC)
	ends); myxospores ive cells; sporangia	
Fruiting bodies without stalks; myxospores rod-shaped		Polyangium (69)
Fruiting bodies with myxospores oval;	hout stalks; highly cellulolytic	Sorangium (—)
Fruiting bodies without stalks; myxospores coccoid		Nannocystis (70–72)
Stalked fruiting bodies		Chondromyces (69–70)
	ose species examined f oteobacteria (see Table rganisms 11/e	



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Factors important for initiation of fruiting body development:

- 1. Solid surface
- 2. Appropriate cell density
- 3. Must perceive nutrient down shift

The cell uses A signaling and the stringent response













Table 24.7 Major cross-inoculation groups of leguminous plants	
Host plant	Nodulated by
Pea	Rhizobium leguminosarum biovar viciae ^a
Bean	Rhizobium leguminosarum biovar phaseoli ^a
Bean	Rhizobium tropici
Lotus	Mesorhizobium loti
Clover	Rhizobium leguminosarum biovar trifolii ^a
Alfalfa	Sinorhizobium meliloti
Soybean	Bradyrhizobium japonicum
Soybean	Bradyrhizobium elkanii
Soybean	Sinorhizobium fredii
Sesbania rostrata (a trophical legume)	Azorhizobium caulinodans









