

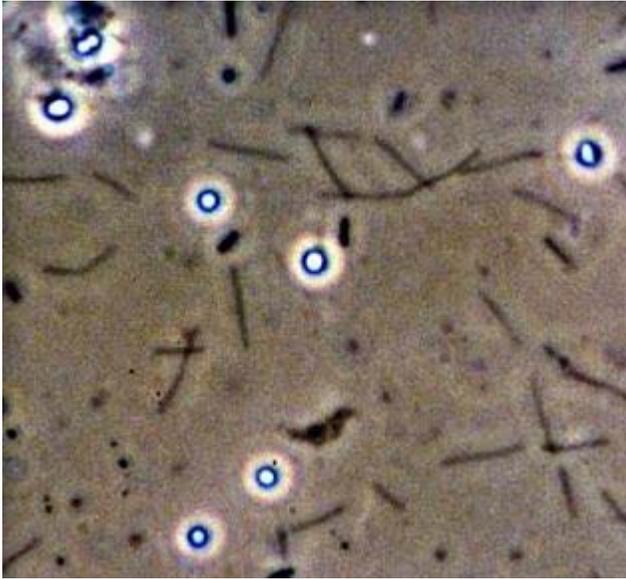
bacterium

Flavobacterium columnare

Domain:	Bacteria
Division/Phylum:	Bacteroidetes
Class:	Flavobacteria
Order:	Flavobacteriales
Family:	Flavobacteriaceae

ILLINOIS STATUS

common, native



(400x)

FEATURES

Bacteria are microscopic, one-celled prokaryotes (no defined nucleus). The bacterium *Flavobacterium columnare* is rod-shaped with parallel sides and rounded ends. It does not produce an endospore to help it survive harsh conditions. This organism has no structures to help it move.

BEHAVIORS

Flavobacterium columnare is a soil bacterium that is also found in water. It may grow in raw meats, milk and other foods. This bacterium is common throughout Illinois. It must grow where oxygen is present. Optimal temperature for growth is 37 degrees Celsius.

ILLINOIS RANGE



Aquatic Habitats

bottomland forests; lakes, ponds and reservoirs; Lake Michigan; marshes; peatlands; rivers and streams; swamps; temporary water supplies; wet prairies and fens

Woodland Habitats

bottomland forests; coniferous forests; southern Illinois lowlands; upland deciduous forests

Prairie and Edge Habitats

black soil prairie; dolomite prairie; edge; gravel prairie; hill prairie; sand prairie; shrub prairie