Sulfate-reducing bacteria (SRB) were isolated from environmental samples from the Vermont biosphere, where they contribute a key role in the sulfur cycle. Laboratory culture conditions sought to reproduce the low oxygen, abundant sulfate conditions of the environmental sources optimal for the SRB. This work could contribute to the study of SRB and their role in the sulfur system. These studies could inform methods of treating wastewater contaminated by SRB and its precipitate, hydrogen sulfide.

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