

122

Some of the evidence against the other processes postulated is:-

- (a) partial replacement of limestone by wrigglite occurs as veinlets or pipe shapes, which precludes a sedimentary origin. The limestone being replaced contains no stromatolites, so stromatolites are not a necessary intermediary in the process;
- (b) if the wrigglite was once a gel, the rock at that time would have had nearly zero strength and would have collapsed under the load of the overlying rocks. A gel process on a large enough scale to form a whole rock like wrigglite is therefore not possible;
- (c) Crustiform layers built up in cavities would not occur if there were so many cavities that the rock collapsed under the load of the overlying rocks. This means that there would need to be a very involved specialized process of cavity making, filling with rhythmic crustified layers from a fluid with rhythmic changes in composition, then new cavity making and filling and so on, to ensure total replacement of limestone by wrigglite. The possibility of such a process operating on a large scale is very remote.