

How does it happen that this trilobite has lost the ends of two of his largest ribs and that a third, which lies between them, has been cut off close to the central part of his body? And what light do we receive from the fact that the broken ends of these ribs have started to heal up and show fairly well developed terminations? (See figure 1).

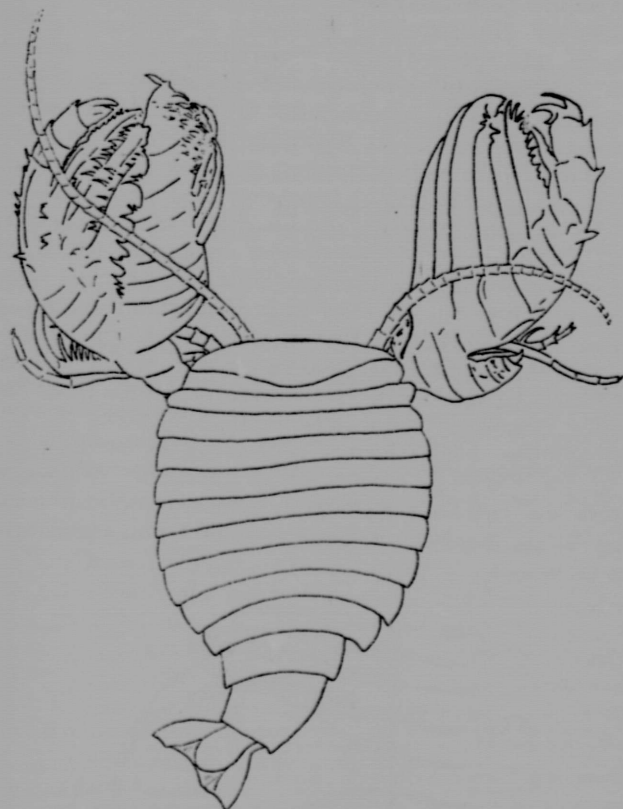


Fig. 2—Restoration of *Sidneyia inexpectans* Walcott. Made by grouping together a body and two claws found within the limits of the same Middle Cambrian faunule on the slopes of Mt. Field, British Columbia. The two claws are probably both rights or both lefts, one (left in the figure) showing one side, with the "thumb" in place, the other showing the reverse side of a claw probably belonging to the same side of the animal, with the "thumb" broken away. The individual portions after Walcott. One-half natural size.

If we assume that the trilobite lost this portion of his anatomy while he was a very small animal, why was he so long about fixing up his lost ribs? Crustacea now have the power of rebuilding lost parts of their body, and this primitive crab has proven by his ability to heal