

from the aluminous, and preserved permanently in the B fluid. It should be constantly borne in mind that the effect of fresh volumes of the aluminous fluid should be cautiously watched, lest the alum produce mischievous results; but with care it may even be used to the full extent of its valuable properties on the soft parts of an animal enclosed in a shell of carbonic of lime, or otherwise possessing that earth, for the muscular, nervous, and other soft tissues, will be much sooner affected by the action of the alum than the denser tissues containing earthy matter. It will hence be seen that the aluminous fluid is not of universal application.

Corrosive sublimate is also astringent, and the coagulator of albumen; the intention of its application is not for the sake of either of these properties, but simply to prevent vegetation *growing in the fluids* respectively. But inasmuch as albumen takes from corrosive sublimate a portion of its chlorine, and thus converts it into calomel, and as all animal tissues are more or less albuminous, the propriety of using it at all, may well be questioned. In places where the sporules of fungi abound, as in the store-rooms of large museums, not even the presence of corrosive sublimate can prevent them from *growing upon the surface of* either of my preserving fluids, if they contain animal matter of any kind and are in *open vessels*, i. e., not hermetically sealed; but in a long experience of this fact, I am bound to say, although I have had open jars, dishes, and other vessels containing dissections of animals waiting their turn to be mounted permanently as preparations, in which the surface of the fluid has been covered during the summer months with vegetation of considerable substance, and which has continued to increase, and flourish magnificently for weeks, yet, I have never known it to descend into the fluid, or affect the dissections (provided they were well covered with fluid) in any way. Indeed either of these fluids will preserve plants, as easily, and certainly, as they preserve animals; and were the fungus to grow *into* the fluid, it would die, and be preserved, neither have I at any time, during fourteen years experience of preparations made by the use of my fluids, and contained, and sealed down, in the several forms of vessels and cells, also of my invention, ever found a particle of vegetation in a single preparation; and during the last six years, I have