

**B 2** Disturbance of Bilateral Regeneration of Tentacles in *Aurelia* Polyps and Strobilae by Means of Drug Treatment.  
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When *Aurelia* polyp was cut at the horizontal level somewhat lower from the upper margin on the body, first 2 or 4 tentacles regenerate from the cut surface bilaterally at the parradial sites, and second 4 and third 8 appear bilaterally at the interradianal and adradial sites also.

If the drug (mitomycin C and colchicine) was applied to the polyps and prestrobilae (the first furrow will form about 10-13 days after incubation at 13°C) before the cut, such tentacle regeneration shows sometimes at the non-bilateral sites each other. Based on the time, number and site of the regenerating tentacles, each individual can be divided into normal and abnormal types. Their appearance shows some patterns which are depended on the drug and stage used. As the more days are passed after the cut, colchicine gives an increasing tendency in the appearance of abnormal type without no marked decreasing in the number of tentacles to regenerate when the polyp stage is used, but does not so when prestrobila or strobila is used. While, mitomycin brings about more frequent occurrence of abnormal type in the case of prestrobila-using and less frequently in that of polyp. From the results, problem of re-establishment of radial symmetry in the time of strobilation is discussed.