

fibres, etc., that this is the type form for the greatest strength with the smallest amount of material and weight.

The teeth are models of strength, beauty, and perfect adaptation of means to ends; it is no wonder, then, that nature should have brought into play her favorite style of development, destined as they are to sustain heavy pressure and severe shocks, while at the same time durability and lightness are so essential to their successful employment for the welfare and comfort of the individual.

The central cavity of the tooth, as we all know, is filled by a pulposus mass, which greatly reduces the weight, and from the tubular shape, but slightly affects the power of resistance offered by the organ; radiating and branching in all directions from this are the dentinal tubuli, whose curvatures would seem to admit of their acting as tough and springy supports of the whole tooth, like the tubes of a boiler, or supporting the enamel as the hollow columns of a building do the roof; the whole, bound together into a solid by the intertubular tissue, being an illustration of the axiom—"In union there is strength."

These tubes are more numerous and closely packed, as well as curved, in the permanent than the deciduous teeth, and in both in the portion of dentine under the masticating surface, and such points as receive the impact of the shocks and lie in line of the greatest pressure. Thus it would seem to be arranged with the view of being most tenacious and least liable to transmit painful jarrings to the nerves from these points.

Like the military engineer, who covers his fort with fascines, bales of cotton, hay, etc., to protect the soldiers in the bomb-proof, so nature would seem to guard her tissues of the tooth pulp. The whole is coated by a plating of the most resisting material which is in the store-house of the animal economy, the capped or conical formation of which seems to be calculated to condense or bind together the structure below in proportion as it is pressed upon, as the hoops do the staves of a barrel.—*Dental Cosmos*.

EDITORIAL.

DENTAL FEES IN CANADA.

If we compare the fees for professional services of our brethern in the United States and England, with those generally received in