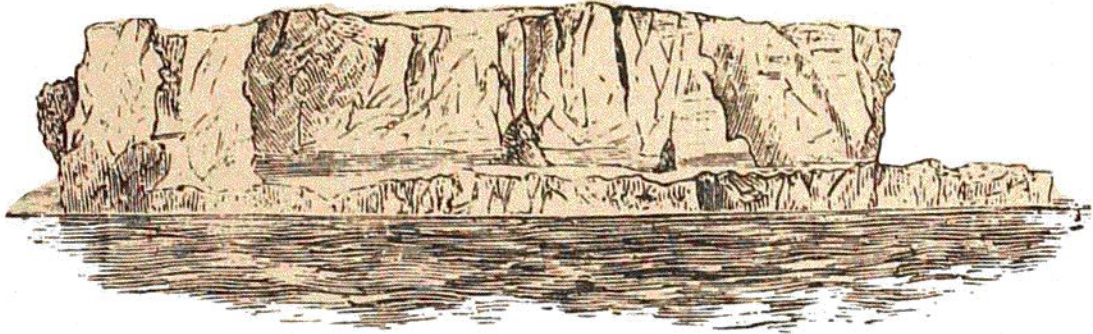


the level of the wash-line, along which they lie for a long period. The remains of the upper part of the crevasse which has assisted in the development of a cave, are often to be seen stretching up from its roof. Often by change of line of flotation a line of caves is carried up far above sea level, and three or four caves disposed along an old wash-line are thus often to be seen on the surface of a berg, the line being sometimes horizontal, sometimes tilted. In a berg which has undergone extreme denudation, or on a narrow spur of a young berg, a cave may be excavated right through the cliff and give rise to a natural arch. A further degeneration of the arch gives rise to an isolated pinnacle.

The base of the berg under water beneath the wash-line being supported by the water, does not split off at once like the cliff above when cut into. Hence the waves constantly deepening the wash-line as the cliffs fall, and eating their way



BI-TABULAR ICEBERG.

At the base of the upper cliff is seen the old wash-line. (From a sketch by the Author.)

into the berg at the water-line, a platform of ice is left behind under water, projecting at the base of the cliffs above it. After a time the part above water losing weight, the berg rises and becomes two-storied or bi-tabular, through the platform being raised above the water.

A fresh wash-line is cut below the margin of the platform now raised, and low perpendicular cliffs are formed round it. A third platform may be formed in the same manner and raised, and the berg may become three-storied.

At the base of the older cliffs in each case, the old wash-line is usually to be seen where the cliffs are joined by the platform succeeding them, but in some instances it is obscured by the subsequent formation of a débris slope from the falling of the cliff; for the cliff, as on land, when no longer cut into by the waves at its base, tends to degenerate into a slope of natural inclination.

The resemblance in the weathering of a berg by the action of waves to that undergone by a rocky coast under the same