

mous compression could affect the form of the skull. The latter is represented in profile, in the *Crania Britannica* (Dec. II. pl. 15.) The sutures are partially effaced by ossification, and other characteristics mark it as that of a man probably upwards of fifty years of age. The teeth also present the familiar characteristic of this ancient class of crania, being worn completely flat, both in the upper and lower jaw, like those of a ruminating animal; indicating the nature of the food as hard grains, nuts, or other substances requiring laborious mastication, different from the mere animal food of a purely hunter state of savage life; though the same phenomenon is witnessed in a more marked degree among the Walla-walla Indians of the Columbia River. They occupy a barren waste, frequently exposed to drifting sand, and subsist almost entirely on salmon dried in the sun. During the process of desiccation the salmon becomes so impregnated with sand, that it is rare to meet with a Walla-walla much beyond maturity whose teeth are not worn down to the gums by the attrition of his gritty food. Again, among the Peruvians, a similar result is produced, though to a less extent, from their habit of chewing the leaf of the coca mixed with *Uute*, a compound made of the wild potatoe, with calcined shells and ashes of alkaline plants.

The Juniper Green Skull, as shown in the full-sized view in the *Crania Britannica*, presents in profile, as well as partially in the vertical view, that square and compact form peculiarly characteristic of the brachycephalic crania of British barrows. But it also discloses, in its flattened occiput, a feature which had escaped my notice in any previous example of primitive Scottish crania; and along with this an unusual parietal breadth increasing towards the occiput, in a manner which I subsequently learned to recognise as an accompaniment of the post-parietal flattening. Only those who have themselves engaged in such researches can fully appreciate the vividness of impressions produced by whatever is characteristic or peculiar in the skull or other relics, handled for the first time as the evidence of the race or age of the freshly opened barrow or cairn, compared with the examination of the same from the shelves of a cabinet. The Juniper Green skull was carried home in my hand, a distance of some miles, and its flattened vertical occiput specially attracted attention, and gave rise to conversation on the way, with my friend Mr. Robert Chambers, who had accompanied me on this excursion.