

of Forfarshire. (See Plate XI., fig. 1.) It is a terminal flap* — one of several divisions — curiously fretted by scale-like markings, and bearing on its lower edge a fringe, cut into angular points, somewhat in the style of the Vandyke edgings of a ruff or the lacings of a dead-dress. It may be remarked, in passing, that our commoner lobsters bear, on the corresponding edge, fringes of strong, reddish-colored hair. The form altogether, from its wing-like appearance, its feathery markings, and its angular points, will suggest to the reader the origin of the name given it by the Forfarshire workmen. With another such flap spreading out in the contrary direction, and a periwigged head between them, we would have one of the sandstone cherubs of our country churchyards complete.

There occur among the other organisms of Balruddery numerous ichthyodorulites — fin-spines, such as those to which I have called the attention of the reader in describing the thorny-finned fish of the lower formation.† But the ichthyodorulites of Balruddery differ essentially from those of Caithness, Moray, and Cromarty. These last are described on both sides, in every instance, by either straight, or slightly curved lines; whereas one of the describing lines in a Balruddery variety is broken by projecting prickles, that resemble sharp, hooked teeth set in a jaw, or, rather, the entire ichthyodorulite resembles the sprig of a wild rose-bush, bearing its peculiar aquiline shaped thorns on one of its sides. Buckland, in his *Bridgewater Treatise*, and Lyell, in his *Elements*, refer to this peculiarity of structure in ichthyodorulites of the latter formations. The hooks are invariably ranged on the concave or posterior edge of the spine, and were employed, it is supposed, in elevating the fin. Another ichthyodorulite of the formation resembles, in the Gothic

* See Note H 2.

† See Note G 2.