

brown ; and on this ground the fossil is spread out in strongly contrasted masses of white and dark red, of blue, and of purple. Where the exuviæ lie thickest, the white appears tinged with delicate blue — the bone is but little changed. Where they are spread out more thinly, the iron has pervaded them, and the purple and deep red prevail. Thus the same ichthyolite presents, in some specimens, a body of white and plum-blue attached to fins of deep red, and with detached scales of red and of purple lying scattered around it. I need hardly add, however, that all this variety of coloring is, like the unvaried black of the Cromarty specimens, the result, merely, of a curious chemistry.