

PLATE VII. — Fig. 1, *Cheiracanthus microlepidotus*. Fig. 2, Magnified scales. Figs. 3, 4, 5, 6, 7, 8, Vegetable impressions of the Old Red Sandstone.

PLATE VIII. — Fig. 1, *Diplacanthus longispinus*. Fig. 2, *Diplacanthus striatus*. Fig. 3, Magnified scales of fig 1. Fig. 4, Spine of fig. 2 slightly magnified.

PLATE IX. — Restoration of *Coccosteus*, incomplete, found in Mr. Miller's Museum after his death. (Seventh Edinburgh edition, 1858.)

PLATE X. — Restoration of *Cephalaspis*, from several specimens lately found in Forfarshire. (Seventh Edinburgh edition, 1858.)

PLATE XI. — Fig. 1, One of the tail flaps of the gigantic Crustacean of Forfarshire. Fig. 2, Reticulated markings of Carmylie.

PLATE XII. — *Parka decipiens*, from a specimen in the private collection of Lord Kinnaird, at Rossie Priory. (Seventh Edinburgh edition, 1858.)

PLATE XIII. — Fig. 1, *Cephalaspis Lyellii*, copied from Lyell's *Elements of Geology*. Fig. 2, *Holoptychius Nobilissimus*, copied on greatly reduced scale from Murchison's *Silurian System*. Fig. 3, Scale of *Holoptychius*, natural size. Fig. 4, Tooth of ditto, also natural size. These last drawn from specimens in the collection of Mr. Patrick Duff of Elgin.

PLATE XIV. — Figure of a *Holoptychius*, found some time ago in Dura Den, Fifeshire, and now in the possession of a private collector in Dundee. (Seventh Edinburgh edition, 1858.)