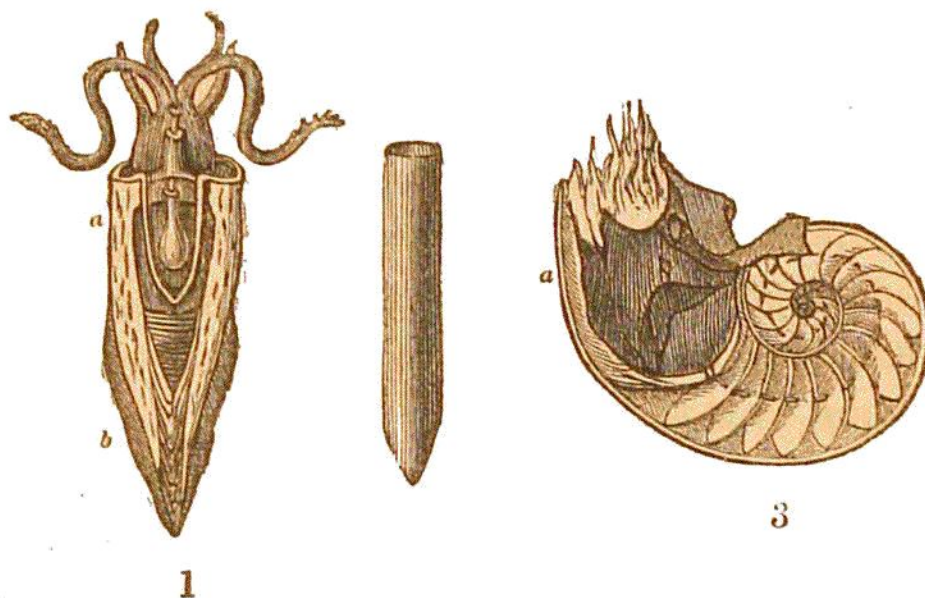


nature of the belemnite, and given the solution of a problem which had long been attempted in vain. The belemnite is the bone of a creature allied to the cuttle-fish, and in this representation (Tab. 54, fig. 1,) its situation in the body of the animal, and connexion with the ink-bag, are so clearly shown,



TAB. 54.—BELEMNITE AND NAUTILUS.

Fig. 1. Section of a restored *Belemnosepia*, from Dr. Buckland; *a*, the ink-bag; *b*, the belemnite. 2. *Belemnites Listeri*. 3. Section of the shell, with the animal, of the recent nautilus, from Professor Owen's Memoir; *a*, the animal in the outer chamber.

as to require no further comment. The belemnite sometimes occurs with the laminated, external, horny sheath, the conical, chambered shell, the ink-bag, and the fibro-calcareous bone, in their natural position; the inspissated contents of the bag, the fossil sepia, has actually been employed as a pigment by one of our most eminent artists.

20. THE NAUTILUS.—The shell of the nautilus consists internally of a series of chambers, which