2. C. NUDICAPITATA, n. sp. (Plate XIII. figs. 230–232.)

Female, length \( \frac{3}{3} \) " , breadth \( \frac{1}{6} \) " .

External Characters.—Body tapering very slightly forwards. Head rounded, naked. Integument with delicate transverse striae, \( \frac{1}{500} \) " apart; longitudinal not recognized.

Pharyngeal cavity shallow and indistinct; apophyses \( \frac{1}{200} \) " long. Esophagus about \( \frac{1}{7} \) th of total length; rounded swelling at termination. Intestine sparingly covered with hepatic particles. Anus \( \frac{1}{20} \) " from posterior extremity. Vulva slightly anterior to middle of body. Ocelli two, reddish brown, at \( \frac{1}{1000} \) " from anterior extremity; occasionally one only, in middle line.

Male, length \( \frac{1}{3} \) " , breadth \( \frac{1}{3} \) " .

Anus \( \frac{1}{30} \) " from posterior extremity. Spicules slightly curved, \( \frac{1}{33} \) " long; accessory pieces narrow, and curved at inner extremities, about \( \frac{1}{300} \) " long. In mid-ventral region above anus, within the substance of the integument, are five disk-shaped, highly refractive bodies, about \( \frac{1}{300} \) " in diameter, whose distances apart gradually diminish anteriorly.

Hab. On small, stunted, greyish specimens of Cladophora rupestris from tide-pools near high-water mark, Falmouth.

230a. Three conical pharyngeal plates.
231. Posterior extremity of male.
231a. Portion of body, seen from ventral aspect, showing spicules and median integumental markings.
EXPLANATION OF PLATES.

The same letters refer to similar parts in all the figures.

a. Mouth.
b. Pharynx.
c. Pharyngeal teeth.
d. Pharyngeal processes.
e. Pharyngeal processes.
\( b' \). Pharyngeal teeth.
\( b'' \). Pharyngeal processes.
c. Ösophagus.
c'. Median swelling of same.
c". Terminal swelling of same.
c"'. Valvular apparatus of latter.
d. Intestine.
d'. Hepatic cells.
e. Anus.
e'. Anal glands.
f. Vulva.
f'. Vaginal glands.
g. Male spicules.
g'. Accessory pieces.
h. Seminal tube.
i. Supplementary male organ.
j. Abdominal gland.
k. Excretory orifice of same.
l. Floating gland-cells.
m. Ösophageal ring.
n. Ocellus.
o. Lateral canals.
p. Integument.
p'. Cervical markings of same.
q. Cephalic papillæ.
r. Caudal sucker.
r'. Sucker-tubes.
s. Genital papillæ or suckers.
t. Caudal ala of male.
t'. Rays supporting same.
u. Ovum.
v. Sperm-cell.

Most of the figures are representations of the object drawn to a scale of 150:1, i.e. are representations magnified 150 diameters—the exceptions being figs. 126–128 and figs. 151–177, all of which are only magnified 100 diameters.

Unless stated to the contrary, the drawings represent the anterior and posterior extremities from a lateral aspect—the animal lying on its side.

Where transverse integumental striæ exist, they are only represented on the anterior extremity.