

second, and third costae are clearly developed; the fourth costa seems to have had a later origin as it is not detected till we reach the later portions of this whorl. The intercostal spaces on the third whorl are more uniform and not so deeply concave; the gradual change to the greater concavity near the lower costa can be easily seen in different portions of the fourth or body whorl.

The name *historicum* was suggested by the well presented ontogenic series in shell growth.

***Eunema epitome* sp. nov.**

Plate 4, figures 6, 7

Description. Shell small, turbinate, apical angle about 80° , length 10.3mm, whorls about four and one half, upper surfaces a little flattened giving a distinct conical aspect to the upper portion of shell. A well marked keel on periphery and three more of like character between this and the suture; these four keels nearly equidistant and clearly defining the broad, shallow, concave grooves which lie between them. Keel next the suture and distant from it about half the width of one of the grooves, finer and sharper than the others, the second keel from suture strong and rounded and touching the sides of the apical angle. The suture is formed on the peripheral or fourth keel, and the half groove of the body whorl is made to fit the base of the smaller groove of the whorl above in such a manner as to make the suture show as a simple line in the middle of a groove very similar to and but slightly deeper than the others. Base of shell near termination of penultimate whorl nearly flat making an angle of about 90° with upper surface; nearer the aperture the base becomes more convex and a tendency to lose gradually the angle of the penultimate whorl is well marked; the last third of the body whorl is lost but the changes introduced point to a well rounded aperture. There are five revolving keels on base, the three next the columella being the finer and closer together; two new ones with trace of a third are introduced soon after the commencement of the last whorl and are in position still below the three last mentioned. Very fine and obscure transverse striae, about seven