

Cushman, Bull. 71, U.S. Nat. Mus. pt. 5, 1915, p. 31, pl. 15, fig. 1.—Pearcey, Trans. Roy. Soc., Edinburgh, vol. 49, 1914, p. 1027.

At 22 they were attached to *Buccinum cyaneum*, one being in the centre of the operculum of a living specimen.

Specimens occurred at Stations 29e, 43a, and 13b. At 43a they were attached to shells of *Arca*, *Pseudamusium* and *Margarites*.

This is one of the very widely distributed species from the records. It is very abundant in shallow cold waters. Awerinzew records it from the Siberian Arctic, and Pearcey from six stations in the Antarctic.

#### **Nonionina depressula** (Walker and Jacob.)

*Nautilus depressulus* Walker and Jacob, Adam's Essays, Kammacher's ed., 1798, p. 641, pl. 14, fig. 33.

*Nonionina depressula* Parker and Jones, Ann. Mag. Nat. Hist. ser. 3, vol. 4, 1859, pp. 339, 341.—H. B. Brady, Rep. Voy. *Challenger*, Zoology, vol. 9, 1884, p. 725, pl. 109, figs. 6, 7.—Awerinzew, Mem. Acad. Imp. Sci., St. Petersburg, ser. 8, vol. 29, No. 3, 1911, p. 24.—Cushman, Bull. 71, U. S. Nat. Mus., pt. 4, 1914, p. 23, pl. 17, fig. 3.

Typical specimens were obtained from stations 23 and 43c. Brady records it from as far north as latitude 82° 33' N., as well as from Baffin bay, Smith sound, Hunde islands, Davis strait, Nova Zembla, and Franz Josef land. Awerinzew records it from the Siberian Arctic. It has been recorded from warmer shallow waters as well, but it is possible that further study may show these to be different species.

#### **Nonionina stelligera** d'Orbigny.

*Nonionina stelligera* d'Orbigny, in Barker, Webb, and Berthelot, Hist. Nat. Isles Canaries, vol. 2, pt. 2, Foraminifères, 1839, p. 128, pl. 3, figs. 1, 2.—H. B. Brady, Rep. Voy. *Challenger*, Zoology, vol. 9, 1884, p. 728, pl. 109, figs. 3-5.—Göes, Kongl. Svensk. Vet. Akad. Handl., vol. 25, 1894, p. 104, pl. 17, figs. 827, 828.—Awerinzew, Mem. Acad. Imp. Sci., St. Petersburg, ser. 8, vol. 29, No. 3, 1911, p. 25.—Cushman, Bull. 71, U.S. Nat. Mus., pt. 4, 1914, p. 27, pl. 44, fig. 4; pl. 15, fig. 4; pl. 16, fig. 2. Heron-Allen and Earland, Proc. Roy. Irish Acad., vol. 31, pt. 64, 1913, p. 144.—Pearcey, Trans. Roy. Soc. Edinburgh, vol. 49, 1914, p. 1030.

Specimens were rare at stations 43a and 43c. Brady records it from Arctic localities north as far as latitude 82° 33' N. in Smith sound, and from the shores of Spitzbergen, Franz Josef land, and Nova Zembla. Awerinzew records it at five stations in the Siberian Arctic. Pearcey records it from the Antarctic. It has been found by Heron-Allen and Earland from the northern and western coasts of the British isles. Most of the other records are from deep water, but it has also been recorded from the Mediterranean, and the type locality is shore sand from the Canaries.

#### **Polystomella striato-punctata** Fichtel and Moll, var. **incerta** (Williamson).

The varietal form of this species, with its fewer and more irregular depressions along the sutural lines, was found at stations 20b-c, 27s, and 29a.

A great variety of forms have been included by writers under *P. striato-punctata*, and as a result it is seemingly distributed wherever foraminifera are found. Awerinzew has recorded var. *incerta* from the Siberian Arctic, and Kiaer from the American Arctic. Williamson's original material was from the British isles.