



TEXT-FIG. 1.—Frequency distributions for second post-nuclear whorl riblet counts in *Suteria ide* (with the exception of the three lowest values in the Awakino Gorge distribution which concern the new species *S. raricostata*).

Regional frequencies have been grouped for North Auckland, Auckland to the Manawatu Gorge, and south of the Manawatu Gorge including Takaka (Text-Fig. 1). Frequencies for mixed populations in the Awakino Gorge area are given (the lowest three specimens involve the new species) as are those for all materials considered together. Although the frequencies for the two species in the Awakino Gorge area do not overlap in the specimens studied, odd specimens with low frequencies approaching those in *S. raricostata* do occasionally occur in other localities. The frequencies for *S. ide* in the Auckland to Manawatu Gorge region possess a considerably wider upper range than those shown for the regions to the north and south.

A NEW SPECIES OF *Suteria* FROM AWAKINO GORGE

Suteria raricostata n.sp. (Fig. 1)

Shell small, discoidal, umbilicated, pilose, thin, and faintly shining. *Sculpture* of the post-nuclear whorls consisting of radial, undulating lamellae, becoming increasingly undulated in the later whorls, about 2 per mm on the body whorl, and each bearing 8-10 long thin cylindrical hairs, lamellae on the first post-nuclear whorl numbering, type 19, paratypes 23, 18; on the second 25, and 22, 25; on the third 25, and 26, 31; type with an additional 2/3 of a fourth whorl with 19 lamellae, paratypes 2/3, 21 and 1/2, 19; the interstices with minute crowded and wavy growth striae; the hairs occurring where the waves in the lamellae bend in the direction of the embryonic shell. *Colour* pale brown, radiated with narrow undulating bands of blackish brown. *Epidermis* thin, horny. *Spire* flat. *Protoconch* of 1½ convex, shining whorls. *Whorls* 5-5½, slowly increasing, convex; periphery broadly convex; base rounded. *Suture* deep. *Aperture* slightly oblique, lunate. *Peristome* simple. *Outer lip* advancing above, retractive towards the suture; *basal lip* rounded. *Columella* short, oblique, arcuate. *Inner lip* slightly callous, very little reflexed, spreading broadly as a thin glaze over the convex parietal wall. *Umbilicus* widely open and deep, about one-fifth of the major diameter.