

*Euomphalus*, sp. indet.

Ekwan river, lower rapid: a cast of the interior of part of the outer whorl of a large species.

*Gyronema speciosum*, sp. nov.

Shell quite large for the genus, imperforate, turbinate, a little higher or longer than wide, spire slightly higher than the outer whorl. Whorls six or seven, rounded, ventricose; aperture widely subovate, not far from circular, lip thin and simple.

Surface marked with numerous and rather close-set small spiral ridges, that are crossed by still more numerous, more close-set and minute, transverse raised lines. On the last whorl but one there are about eight of these spiral ridges, and on the last or outer one there are not less than twelve and probably as many as fifteen.

Ekwan river, portage road at falls: two specimens. The larger of these was probably about forty-five millimetres high or long, when perfect, and its maximum width is thirty-five mm.

*Gyronema Dowlingii*, sp. nov.

Shell turbinate, higher or longer than wide, spire elevated, volutions rounded and ventricose; umbilicus almost or quite closed. Lower whorls of the spire marked with three rather distant, acute and prominent spiral keels. Outer whorl encircled by four comparatively large spiral keels and by a few much smaller spiral ridges, or minute raised lines. Between the second and third spiral keels there are three close-set, low and rounded, minute spiral raised lines, and there are indications of a few small spiral ridges in the umbilical region, below the lowest of the four large spiral keels.

Ekwan river, portage road at falls: one imperfect specimen with the apical whorls broken off, but with the test preserved on the last two whorls of the spire, and on part of the outer whorl.

A rather smaller species than the preceding and with very different sculpture. It is somewhat similar in shape to the *Cyclonema sulcatum* of Hall, from the Guelph formation of Ontario (which is probably a *Gyronema* rather than a *Polytropis*). But the whorls of *G. Dowlingii* are not shouldered above, its suture is not channeled, and its outer volution is encircled by only four large spiral keels. *G. Dowlingii* is still more closely allied to, but apparently quite distinct from the *C. cariniferum* of Sowerby, as figured by Lindström in his monograph of