

the Silurian Gastropoda and Pteropoda of Gotland, which Ulrich says is a *Gyronema*.

*Gyronema brevispira*, sp. nov.

Shell rather small, turbinate conical and wider than high; spire shorter than the outer volution. Whorls four or five, those of the spire obliquely compressed; last whorl of the spire angulated and carinated below, next to the suture; outer whorl obliquely compressed above, rounded and almost imperforate below, the umbilicus being represented by a minute, short and very narrow chink behind the columellar lip; aperture ovately subcircular; lip thin and simple.

Surface encircled by small narrow and acute spiral keels. On the last whorl but one there are five of these keels, and on the outer whorl eleven.

Ekwan river, portage road at falls: two specimens.

*Loconema*, sp. indet.

Ekwan river, at the following localities. Foot of portage road, a specimen of a small slender species, with six whorls preserved; and, upper rapid, a much more imperfect but otherwise similar specimen. Portage road at falls, a fragment of a larger shell, with apparently similar characters, but with only two of the whorls preserved.

*Orthonychia obtusa*, sp. nov.

Shell straight, conical, slightly compressed at the sides, but more so on the right than on the left side, and moderately elevated, the height being less than the maximum length at the aperture or base. Apex erect, bluntly pointed and rather eccentric; base with two faint, obscure, shallow undulations on the right side. Aperture and outline of transverse section at and near the base, subovate but somewhat irregular in outline; lip shallowly undulated on the right side.

Surface markings unknown, though casts of the interior are quite smooth, and the exterior of large pieces of the thin and presumably inner layer of the test, that happen to be preserved, is marked with numerous, irregular and often not continuous, fine concentric striae. Muscular impressions unknown.

Ekwan river, foot of portage road: two specimens, that are very different in shape to any species of *Orthonychia* or *Platyceras* that the writer is acquainted with.