

TRILOBITA

Genus **CHEIRURUS** Beyrich**Cheirurus mars** sp. nov.

Plate 5, figures 1-2

Description. Glabella somewhat resembles a medieval, conical helmet, rising from the frontal rim with a curve of about 6mm radius for one third the distance to the apex of the cone. In the other two thirds the convexity becomes markedly less and the apex is approached with but very slightly convex outlines; from the apex to neck furrow the outline is at first concave and then straight. The cone or spur is thus rather high and produced backward over the neck ring. Length from frontal furrow to neck furrow 13mm, from frontal furrow to apex of cone 15mm, height of apex of cone above neck furrow about 8mm, width of glabella just in front of the neck ring nearly 12mm. The glabellar furrows are convex toward the front throughout their length; the two anterior pairs reach to a little less than one fourth the distance across the glabella; the middle one is most convex toward the front; the posterior furrow is less bent at first, reaches about halfway to the apex of the cone and is bent so as to meet its axis at an angle of about 70°. Marginal furrow of glabella rounded in front, distinctly angled as it turns to pass along the sides, where it is concave toward the under surface with a radius of about 10mm.

Differs from *C. vulcanus* Billings, in the pronounced character of the conical spur, the absence of a sigmoid flexure in the posterior pair of glabellar furrows, the shortness of the two anterior pairs, and the front angles of the margin. Described from a cast the surface of which is smooth.