

REMARKS: The form of the 4th segment of the palp, with its ventral tooth-like process, distinguishes the new genus from most other members of the Hygrobatinae. Other genera possessing this character are listed below with features which distinguish them from *Zelandobates*. *Corticacarus* Lundblad and *Corticacarides* Lundblad have the male genital opening Y, T or heart-shaped and the genital plates triangular. The skin is thick. *Subcorticacarus* Lundblad has the whole ventral surface sclerotised and the epimera fused to the plate so formed. *Stylohygrobates* Viets has the maxillary organ elongated into a rostrum. *Crenohygrobates* Lundblad has the male maxillary organ fused to the 1st epimera and the genital plates carry many acetabula.

TABLE II.—Dimensions of *Stygomomonium torquipes* ( $\mu$ ).

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Greatest length	676
Greatest width	449
Palp I	20
II	54
III	50
IV	73
V	27
Mandible	98
Mandibular claw	24
Maxillary organ	115
Leg I	466
II	461
III	494
IV	708

## Family MOMONIIDAE

## Subfamily STYGOMOMONIINAE

## Genus STYGOMOMONIA Szalay, 1943

*Stygomomonium torquipes* n.sp.

MATERIAL: One female now lodged in the Dominion Museum, Wellington. Parts illustrated in Text-fig. 2 and dimensions shown in Table II.

Holotype female, dated 26.10.1964. Dominion Museum Catalogue number DM4/345.

DESCRIPTION: Body flattened, oval, entirely sclerotised apart from a narrow band of soft skin separating the dorsal from the ventral plate. A suture crosses the anterior half of the dorsum dividing the dorsal plate into two. A suture passes across the ventral surface, interrupted centrally by the external genitalia.

Epimera fused to the sclerotised ventral surface and occupying rather more than half of it, their inner borders clearly outlined.

Genital area lying in a gap in the sclerotised ventral surface, well behind the epimera. The gap takes the form of an oval lying transversely across the body and its hind border is strongly thickened. At each end of the oval is a small, obliquely placed genital plate carrying three acetabula. Genital opening a longitudinal slit.

Excretory opening on the sclerotised area behind the genitalia.

Palp moderately slender. Ventral surface of 2nd and 3rd segment concave, of 4th segment slightly convex. Two short spines approximately half way along ventral surface of 4th segment.

Maxillary organ small with short rostrum. A tongue-shaped stem projects posteriorly from the basal plate. Mandible short with the claw slightly curved and corrugated ventrally