

*Stenothoides* Chevreux, new synonymy

*Stenothoides* Chevreux 1900: 55.

*Mesostenothoides* Gurjanova 1938: 280.

DIAGNOSIS: Article 2 of pereopods 3-4 slender; article 2 of pereopod 5 broad; palp of mandible uniarticulate or absent; palp of maxilla 1 uniarticulate.

TYPE SPECIES: *Stenothoides perrieri* Chevreux (1900).

LIST OF SPECIES:

*Stenothoides* (?) *bicoma*, n. sp.

*Stenothoides perrieri* Chevreux

*Mesostenothoides pirloti* Gurjanova

*Mesostenothoides slastnikovi* Gurjanova

*Mesostenothoides smirnovi* Gurjanova

*Mesostenothoides uenoi* Gurjanova

*Stenothoides* (?) *bicoma*, new species

Fig. 8

DIAGNOSIS OF MALE: Last two urosomal segments fused but pleon not otherwise aberrant as in some species assigned to Thaumatesonidae (see previous discussion); telson bearing three lateral spines on each side; gnathopod 1 with article 5 longer than article 6, its article 7 simple, not setose, its article 4 scarcely produced; palm of gnathopod 2 oblique, bearing a large multitoothed process near finger hinge and a large, acute defining process, with the excavation between them being quadrate; antennae subequal in length; mandible lacking palp; palp of maxilla 1 uniarticulate.

FEMALE: Palm of gnathopod 2 slightly oblique, defined by a distinct tooth at hind corner and bearing along the palmar margin well-developed teeth, one of which is larger than the others.

HOLOTYPE: AHF No. 5616, male, 3.0 mm.

TYPE LOCALITY: Station 4785, near Pt. Conception, 34-27-00 N, 120-08-30 W, 30 fms, December 18, 1956, bottom of green silt.

MATERIAL: 90 specimens from 29 stations.

RELATIONSHIP: This species is distinguished among members of the genus *Stenothoides* by the elongated fifth article of the first gnathopod, but is otherwise particularly related to *S. slastnikovi* Gurjanova (see 1951) by the male second gnathopod.

ECOLOGY: This species has an overall density of 2.2 animals per square meter on the coastal shelf. It is distributed principally between the depths of 21 and 40 fms, but is found as shallow as 6 fathoms and as deep as 60 fathoms.

*Stenothoides bicoma* J. L. Barnard

*Stenothoides* (?) *bicoma* J. L. Barnard 1962c: 135-137, fig. 8.

Canyon material: 4852(1), 6805(1).