VOUCHER SHEET

Species name: *Sarsiella* sp IS1 **Date Examined:** 5 April 2008
Group: Ostracoda, Family Sarsiellidae **Voucher By:** Donald B. Cadien
Voucher Specimen(s): ISS Outer Coast Yr. 2, Station 406PINROC, subtidal rocky, replicate 2, 12 m, Sample Number 4512. 3 vouchers to MLML, 2 vouchers to CDF& G

SYNONYMY: none

LITERATURE: **Baker, James H. 1977**. *Sarsiella pseudospinosa*, a new marine ostracod (Myodocopina: Sarsiellidae) from Southern California. *Proceedings of the Biological Society of Washington* 90, no. 1: 43-48.
Kornicker, Louis S. 1986 *Eusarsiella thominx*, a new species of myodocopid Ostracoda from the continental shelf of Southern California. *Proceedings of the Biological Society of Washington* 100, no. 1: 134-40.
Kornicker, Louis S. 1986. Sarsiellidae of the Western Atlantic and Northern Gulf of Mexico, and revision of the Sarsiellinae (Ostracoda: Myodocopina). *Smithsonian Contributions to Zoology*, no. 415: 1-217.

DIAGNOSTIC CHARACTERS:

1. Posterior margin with a series of spinose tubercles
2. Three thin ribs on carapace, the upper two nearly straight, and the lower slightly curved up anteriorly. The three do not anastomose, and are not connected by other ribs.
3. Carapace pitting small and simple, without dentition as in some species
4. Ventral carapace rib with a series of spinose tubercles on it.
5. Several spinose tubercles below the anterior curved part of the ventral carapace rib
6. Dorsal carapace rib without tubercles, median rib with a single small tubercle posteriorly
7. Ventral margin setose, and bearing a row of small spinose tubercles for most of its length

RELATED SPECIES AND CHARACTER DIFFERENCES:

1. Lacks the denticulate pits which characterize *Eusarsiella thominx*
2. Has different sculpture than *Eusarsiella pseudospinosa*
3. Lacks anastomosing ribs of other undescribed sarsiellids in California
4. Has spinose tubercles lacking in the introduced *Eusarsiella zostericola*

DEPTH RANGE: 9-16 m

DISTRIBUTION: Point Loma to Pin Rock, Catalina, in rocky sublittoral habitat

COMMENTS: May prove to be a *Eusarsiella* once internal anatomy is fully investigated and described. It is not yet known if this is just a small species, or if all specimens taken to date have been immature.

ILLUSTRATION: