## FIELD KEY TO SOUTHERN CALIFORNIA ASTROPECTEN D. B. Cadien - CSDLAC 27JUN94

Three seastars of the genus Astropecten are taken at shelf depths within the Southern California Bight. Fisher's Asteroidea of the North Pacific and Adjacent Waters Vol. 1 (1911) should be consulted for full descriptions. The three are -

	Fisher 1911	Maluf 1988
Astropecten armatus Gray 1840	0-55m	0-302m
Astropecten ornatissimus Fisher 1906	87-299m	9-366m
Astropecten verrilli de Loriol 1899	18-450m	2-488m
syn. Astropecten californicus Fisher 190	6	

The species do not usually occur together, but when they do, one species is nearly always much less abundant than another.

As with Luidia, color can be a useful field characteristic, but in Astropecten the choices are fewer, only grey or light red. The mosaic patterns of color patches seen in some Luidia do not occur in Astropecten.

## KEY