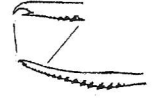
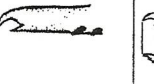


Table of Characters for So. Calif. *Malmgreniella* species

C. Brantley 2Jun97

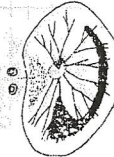
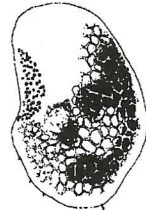
SPECIES	Setal diameter/ Setal counts	Shape of neurosetae	Length of serration on neurosetae	Length and degree of papillation on tentacular cirri	Length and degree of papillation on dorsal (D) and ventral (V) cirri	Observations from R. Rowe
<i>M. baschi</i> Pettibone 1993	No=Ne 35-50:25-35		(1) Short; spinous bracts stop well below blunt tips	Both pairs twice prostomial length w/ scattered papillae	D- extend to tips of Ne. w/ scattered clavate papillae V- short w/ scattered pap.	No microtubercles on elytra - small group in posterior
<i>M. hansei</i> Pettibone 1993	No=Ne 30-45:30-45		(3) Short; spinous bracts stop well below base of 2nd tooth	Both pairs slightly longer than prostomium w/ short papillae	D- extend to tips of Ne. sometimes farther w/ short papillae V - short w/ short papillae	black pigment on triangular posterior ventral side of dorsal cirrophores
<i>M. macginitiei</i> Pettibone 1993	No>Ne 30-40:30-40		(1) Short; spinous bracts stop well below base of 2nd tooth	Upper pair slightly longer than median ant. w/ scattered pap. Lower pair shorter.	D- extend nearly to tips of Ne. w/ clavate papillae V- short w/ occasional papillae.	25 or less microtubercles on elytra; elytra w/ solid dark red spots
<i>M. nigralba</i> (Berkeley, 1923)	No=Ne 15-25:30-45		(1) Long; spinous bracts extend to the base of the 2nd tooth	Both pairs slightly longer than prostomium w/ minute papillae	D- extend to tip of Ne. w/ short clavate papillae V- short w/ small papillae	black striping across posterior ventrum; triangular parapodial lobe rounded (vs triangular)
<i>M. sanpedroensis</i> Pettibone 1993	No>Ne 25-40:25-40 neurosetae much thicker than neuro		(3) Short; spinous bracts stop well below base of 2nd tooth	Upper pair slightly longer than lower pair and about the same length as prostomium with papillae.	D- extend to tip of Ne. w/ short clavate pap. V- short and papillate	base of parapod on ventrum w/ reddish pigment elytra w/ "chromosomal" like of parapods
<i>M. scriptoria</i> (Moore, 1910)	No>Ne 10-25:15-30		(1) Long; spinous bracts extend to the base of the 2nd tooth	Upper pair longer than prost. with basal pigment and minute papillae. Lower pair slightly shorter.	D- extend beyond tips of Ne. with scattered small pap. and granules of brownish pigment. V- short with pigment granules basally.	100+ microtubercles on elytra Chromophores of base rounded supra-acicular parapodial lobe
<i>M. sp. A</i> of SCAMIT 1997	No>Ne 18-6-18		(4) Long; spinous bracts extend to the base of the 2nd tooth	Longer than prost. with widely spaced digitate papillae.	D- extend to tip of Ne. w/ widely spaced digitate pap. V- short w/ widely spaced digitate pap.	elytral reticulation triangular parapodial lobe no pigment on posterior ventral side of dorsal cirrophores

(1) from Ruff, 1995

(2) from Pettibone, 1993

(3) from Ruff NAMIT handouts, 1994

Table of Characters for So. Cal.. *Malmgreniella* species (con't)

SPECIES	Elytra-ornamentation, pigmentation, and shape	Body coloration and prostomial pigmentation	Other distinct features	Habitat and depth range	
<i>M. baschi</i> Pettibone 1993		(1) Post. dorsum & ventrum w/ transverse pigment bands. Mottled prost.	Dorsal cirrophores w/ black pigment on lower side. Tips of neurosetae are unidentate.	Commensal w/ <i>Ophiostila californica</i> ; Shelf depths	
<i>M. barsei</i> Pettibone 1993		(2) Dark pigment at base of tentacular cirri and median antennae. No prost. pigment	Dorsal cirrophores w/ black pigment on upper side.	Mic-shelf 47-128m	
<i>M. macginitiei</i> Pettibone 1993		(1) Body dark or w/ dorsal and ventral transverse dark bands in posterior. Prost. w/ reddish-brown pigment in median furrow.		Commensal w/ <i>Axiostella rubrocincta</i> , <i>Amphiodia urtica</i> , <i>Callianassa californiensis</i> . Intertidal and shelf depths	
<i>M. nigralba</i> (Berkeley, 1923)		(1) Dorsum and ventrum colorless or with pigment bands in posterior.		Commensal w/ <i>Leptosynapta clarki</i> . In coarse gravelly sand from low intertidal -100m	
<i>M. sanpedroensis</i> Pettibone 1993		(2) Body colorless. Rusty red pigment spots on styles of tentacular and dorsal cirri. Prost. w/o pigment.	Rusty red pigment spots on surface of elytra.	Upper slope depths at 400m	
<i>M. scriptoria</i> (Moore, 1910)		(1) Dorsum dusky brown or colorless. Prost. sometimes w/ reddish-brown pigment granules near anterior margin between post. pair of eyes.		Commensal with <i>Brisaster latifrons</i> in middle shelf to upper slope depths at 40-m	
<i>M. sp. A</i> of SCAMIT 1997		(4) Some transverse banding on dorsum and ventrum of last few setigers. Speckling between posterior eyes on prost.		Near Santa Barbara to the Mexico border at shelf depths.	

(1) from Ruff, 1995

(2) from Pettibone, 1993

(3) from SCAMIT handouts, 1994

(4) from SCAMIT voucher sheet, 1997