



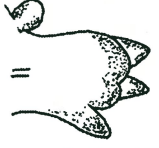









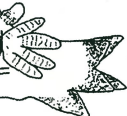








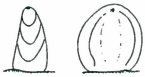
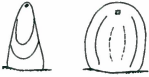

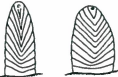

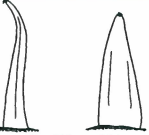

Annotated Tabular Guide to the common shelf-depth Glyceridae off Southern California. Page 1 of 4 R. Martinez Lara 11/02

	<i>G. pacifica</i> Kinberg, 1865	<i>G. americana</i> Leidy 1855	<i>G. sp BB</i> (San Diego)	<i>G. capitata</i> Ørsted 1842 (= <i>G. nana</i>)	<i>G. oxycephala</i> Ehlers 1887	<i>G. sp C</i> (Harris)	<i>G. robusta</i> Ehlers 1868	<i>G. tessellata</i> Grube 1863	<i>G. macrobranchia</i> Moore 1911 (= <i>G. convoluta</i>)
Annotations from SCAMIT meeting 21Oct02	<ul style="list-style-type: none"> •Check presence of 2 or 3 ridges on proboscoidal papillae. This character is potentially difficult to verify, or may be unreliable. Ideally other corroborating characters should be established. According to Böggemann <i>G. americana</i> has 2 ridges, and <i>G. pacifica</i> 3 on proboscoidal papillae. •Review before adopting <i>G. pacifica</i>. 		<ul style="list-style-type: none"> •SD material differs from Böggemann's <i>G. capitata</i>. Proboscoidal papillae with groove instead of ridge. Longer neuropodial than notopodial pre-setal lobes, and smaller ventral cirri as opposed to <i>G. capitata</i>. SD material does not match, <i>G. nana</i> syntype. 		<ul style="list-style-type: none"> •??Böggemann synonymy with <i>G. tenuis</i>. San Diego does not report <i>G. tenuis</i> (1 pre-setal lobe), but <i>G. oxycephala</i> (2 pre-setal lobes) is common. •Check for variant condition fide Harris = <i>Glycera</i> sp C from Bahía de Todos Santos. 		No change in species concept.	<ul style="list-style-type: none"> •Harris notes SoCal. <i>G. tessellata</i> may not be the same as Mediterranean specimens, based on live material observations. 	Adopted in SCAMIT 4 th Ed. Species list
Anterior ppd (*All figs from Böggemann, 2002), except where noted	 Fig. 85d, p. 136	 Fig. 88d, p. 138		 Fig. 16d, p. 90	 Fig. 22d-e, p. 94		 Fig. 52d, p. 114	 Fig. 37d, p. 104	 Fig. 106d, p. 150
Median ppd	 Fig. 85g, p. 136	 Fig. 88g, p. 138		 Fig. 16g, p. 90	 Fig. 22g, p. 94		 Fig. 52g, p. 114	 Fig. 37g, p. 104	 Fig. 106g, p. 150
Posterior ppd	 Fig. 85j, p. 136	 Fig. 88j, p. 138		 Fig. 16j, p. 90	 Fig. 22j, p. 94		 Fig. 52j, p. 114	 Fig. 37j, p. 104	 Fig. 106j, p. 150
Branchie	Retractile, dendritic (emerge from posterior face of ppd)	Retractile, dendritic (emerge from posterior face of ppd)	Absent	Absent	Absent	Absent	Non-retractile, blister-like	Absent	Non-retractile, digitiform
Dorsal cirrus	On body wall Proximal	On body wall Proximal	On body wall distant	On body wall distant	Proximal on base of parapodium	Proximal on base of parapodium-triangular	On body wall Proximal	On body wall distant	On body wall Proximal
Pre-setal lobes	2	2	2 subequal	2	2-subequal	2-Superior very short	2	2	2
Post-setal lobes	2	2	1	1	1	1	2	2	2 (only 1 in Anterior)

* Böggemann, M. 2002. Revision of the Glyceridae Grube 1850 (Annelida:Polychaeta). Abh. Senckenberg. naturforsch. Ges. 555. 1-249.

Annotated Tabular Guide to the common shelf-depth Glyceridae off Southern California. Page 2 of 4

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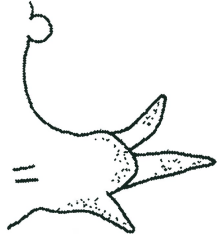
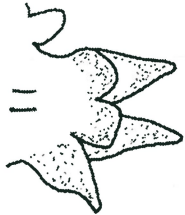

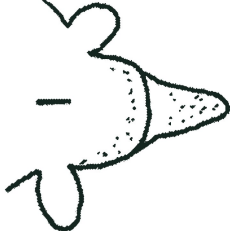
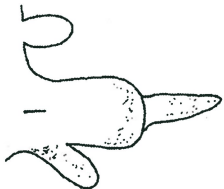
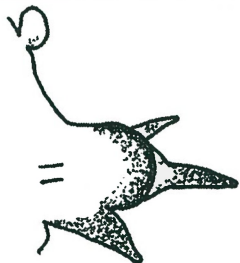
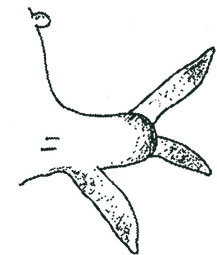

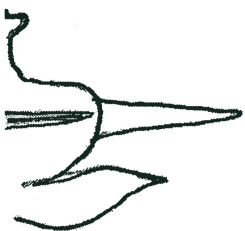
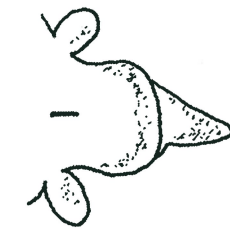
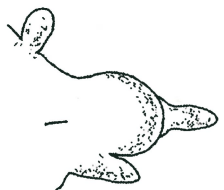
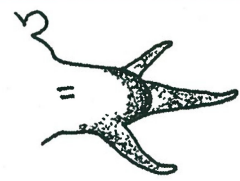
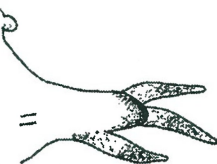
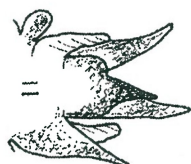

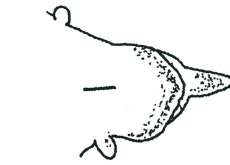

	<i>G. pacifica</i> Kinberg, 1865	<i>G. americana</i> Leidy 1855	<i>G. sp BB</i> (San Diego)	<i>G. capitata</i> (= <i>G. Nana</i>)	<i>G. oxycephala</i> Ehlers 1887	<i>G. sp C</i> (Harris)	<i>G. robusta</i> Ehlers 1868	<i>G. tessellata</i> Grube 1863	<i>G. macrobranchia</i> Moore 1911 (= <i>G. convoluta</i>)
Annulations per segment (mid-body)	2	2	3	3	3	2	2	2	2
Proboscial papillae type; and # of lateral ridges	2 Types: 1.-Numerous conical with 3 U-shaped ridges; 2.-Isolated oval to globular without ridges	2 Types: 1.-Numerous conical with 2 U-shaped ridges; 2.-Isolated oval to globular without ridges		2 Types: 1.-Numerous digitiform with straight median, longitudinal ridge; 2.-Isolated oval to globular without ridges	2 Types: 1.-Numerous conical with 5-20 ridges with straight medianlongitudinal ridge; 2.-Isolated oval to globular with 4-11 ridges	~9-10	2 Types: 1.-Numerous conical with 4-9 ridges with straight medianlongitudinal ridge; 2.-Isolated oval to globular with 4-8 ridges	2 Types: 1.- Numerous digitiform with straight median, longitudinal ridge; 2.-Isolated conical with median, longitudinal ridge	3 Types: 1.-Numerous with terminal fingernail; 2.- Less numerous conical; 3.-Isolated oval to globular without ridges
Proboscial papillae	 Fig. 85b, p. 136	 Fig. 88b, p. 138		 Fig. 16b, p. 90	 Fig. 22b, p. 94		 Fig. 52b, p. 114	 Fig. 37b, p. 104	 Fig. 106b, p. 150

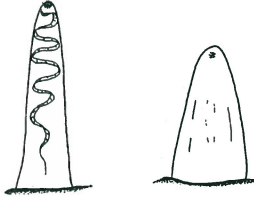
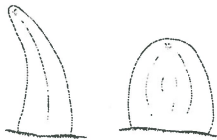
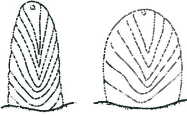

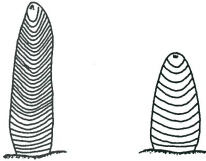

1 spm from w/3 ridges

E14(2)

2/2/05

78m

	<i>G. lapidum</i> Quatrefages 1866	<i>G. branchiopoda</i> Moore 1911	<i>G. dibranchiata</i> Ehlers 1868	<i>G. sp LA 1</i> (Parker)	<i>Hemipodia californiensis</i> (Hartman 1938)	<i>Hemipodia simplex</i> (Grube 1857) (= <i>Hemipodus borealis</i>)
Annotations from SCAMIT meeting 21 Oct 02				Figures and character scores provided by Tom Parker •Possibly could be missidentified as <i>G. sp BB</i> (San Diego). Note: Dorsal cirrus on body wall distant from parapod.	Note nomenclatural change	Note nomenclatural change
Anterior ppd (* All figs from Böggemann, 2002), except where noted	 Fig. 19d, p. 92	 Fig. 25d, p. 96	 Fig. 58d, p. 118	 	 Fig. 133d, p. 168	 Fig. 127d, p. 164
Median ppd	 Fig. 19g, p. 92	 Fig. 25g, p. 96	 Fig. 58g, p. 118	 	 Fig. 133g, p. 168	 Fig. 127g, p. 164
Posterior ppd	 Fig. 19j, p. 92	 Fig. 25j, p. 96	 Fig. 58j, p. 118	 	 Fig. 133j, p. 168	 Fig. 127j, p. 164
Branchie	Absent	Absent	Non-retractile, simple digitiform	?	Absent	Absent
Dorsal cirrus	On body wall distant	On body wall distant	On body wall proximal	On body wall	On body wall proximal	On body wall proximal
Pre-setal lobes	2	2	2	?	1	1
Post-setal lobes	1	1	2	1	1	1

	<i>G. lapidum</i> Quatrefages 1866	<i>G. branchiopoda</i> Moore 1911	<i>G. dibranchiata</i> Ehlers 1868	<i>G. sp LA 1</i> (Parker)	<i>Hemipodia californiensis</i> (Hartman 1938)	<i>Hemipodia simplex</i> (Grube 1857)
Annulations per segment	3	3	2	3	3	3
# of Ridges on Proboscial papillae	2 Types: 1.-Numerous digitiform with undulating ridge; 2.-Isolated conical to oval without ridges	2 Types: 1.-Numerous digitiform with straight, median longitudinal ridge; 2.-Isolated oval to globular without ridges	2 Types: 1.-Numerous conical with 4-8 ridges; 2.-Isolated oval to globular with 3-6 ridges	2 Types No ridges	2 Types: 1.-Numerous digitiform with 9-40 U-shaped ridges; 2.-Isolated oval to globular with 7-15 U-shaped ridges	2 Types: 1.-Numerous digitiform with straight, median longitudinal ridge; 2.-Isolated oval to globular without ridges
Proboscial papillae	 Fig. 19b, p. 92	 Fig. 25b, p. 96	 Fig. 58b, p. 118		 Fig. 133b, p. 168	 Fig. 127b, p. 164