



Key to the Family Goniadidae of SCAMIT (Ed. 13) and Local Provisional Species

Modified from MMS Atlas

- 1a. Chevrons absent ----- 2
- 1b. Chevrons present ----- genus *Goniada* - 4

- 2a. (1a) Proboscideal organs large and elaborate; notochaetae short, stout with hoodlike tip; neuropodial prechaetal lobe singular, obchordate with slender median process ----- genus *Glycinde* - 3
- 2b. Proboscideal organs short; notochaetae slender and acicular; neuropodial prechaetal lobe paired, digitiform ----- *Ophioglycera* sp

- 3a. (2a) Dorsal cirri of anterior parapodia with tips entire; some proboscideal organs with bifid tips; ventral arc of micrognaths absent ----- *Glycinde armigera*
Moore, 1911
- 3b. Dorsal cirri of anterior parapodia with notched tips; all proboscideal organs with tips entire; ventral arc of 0-8 micrognaths present ----- *Glycinde picta*
Berkeley, 1927

- 4a. (1b) Chaetiger 5 with 1 prechaetal and 1 postchaetal lobe ----- 5
- 4b. Chaetiger 5 with 2 prechaetal and 1 postchaetal lobe ----- 7

- 5a. (4a) Biramous chaetigers with capillary chaetae in notopodia ----- 6
- 5b. Biramous chaetigers with acicula only in notopodia; proboscideal organs of 1 type: small, spherical, unbeaked; 14 chevrons per side ----- *Goniada* sp A
SCAMIT, 2023 §

- 6a. (5a) Proboscideal organs spherical, beaked; micrognaths with 10-12 in dorsal arc, 3 in ventral arc; 15-18 chevrons per side ----- *Goniada littorea*
Hartman, 1950
- 6b. Proboscideal organs heart-shaped, unbeaked; micrognaths with 2-4 in dorsal arc, 1-4 in ventral arc; 8-10 chevrons per side ----- *Goniada maculata*
Ørsted, 1843

- 7a. (4b) Biramous chaetigers with capillary chaetae in notopodia ----- 8
- 7b. Biramous chaetigers with acicula only in notopodia; proboscideal organs of 1 type: truncate with a marginal flange; micrognaths with 17 in the dorsal arc, 13 in ventral arc; 10-12 chevrons per side ----- *Goniada acicula*
Hartman, 1940

- 8a. (7a) Proboscideal organs of 2 types: tall, conical, beaked & short, spherical, beaked; micrognaths with 14-21 in the dorsal arc, 7-8 in the ventral arc; 18-20 chevrons per side ----- *Goniada annulata*
Moore, 1905
- 8b. Proboscideal organs of 1 type: small, scale-shaped; micrognaths with 0-4 in the dorsal arc, 3-12 in ventral arc; 7-25 chevrons per side ----- *Goniada brunnea*
Treadwell, 1906

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Version History

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| 1.0 Key Created | November, 2021 - BMH |
| 2.0 Updated <i>Goniada</i> sp LA1 to <i>Goniada</i> sp A SCAMIT, 2023 §. Added Goniadidae Character Table. Removed DRAFT designation. | April, 2023 - BMH |

Name	Authorship	Prechaetal Lobes (Chaetiger 5)	Postchaetal Lobes (Chaetiger 5)	Posterior Notochaetae	Proboscideal Organ Type 1	Proboscideal Organ Type 2	Chevrons	Dorsal Micrognaths	Ventral Micrognaths	Biramous From	Type locality	Depth (m)	Habitat
<i>Glycinde armigera</i>	Moore, 1911	1 - blunt, obchordate w/ median process	1 - conical	bent, knoblike tip w/ long, serrated hood	spherical, beaked	elongate, fang-shaped (some w/ bifid tips)	Absent	30	absent	30	Southern CA	66 - 139m	mud to gravel & rocks
<i>Glycinde picta</i>	Berkeley, 1927	1 - blunt, obchordate w/ median process	1 - broadly triangular	stout, hooked tip w/ pointed hood	elongate, fang-shaped (all tips entire) "duck feet"	-----	Absent	16	0-8	mid body	British Columbia, Canada	Intertidal - 157m	
<i>Goniada acicula</i>	Hartman, 1940	2	1	acicula	Truncate with a marginal flange	-----	10-12	17	13	94	Gulf of California, Mexico	shallow - 80m	
<i>Goniada annulata</i>	Moore, 1905	2 - deeply cleft	1 - conical	short, stiff capillaries	short, spherical, beaked	tall, conical, beaked	18-20	14-21	7-8	34-36	Alaska	180-2800m	mud & fine sand
<i>Goniada brunnea</i>	Treadwell, 1906	2 - deeply incised	1 - conical	simple capillaries	small, scale-shaped	-----	7-25	0-4	3-12	44-45	Hawaii	intertidal - 2855m	mud, sand & shell hash
<i>Goniada littorea</i>	Hartman, 1950	1 - digitiform	1	serrated capillaries	spherical, beaked	-----	15-18	10-12	3	35-43	Southern CA	intertidal - 160m	sand w/ mud & shell hash
<i>Goniada maculata</i>	Ørsted, 1843	1	1	simple capillaries	heart-shaped, flat	-----	8-10	2-4	1-4	23-45	Denmark	intertidal - 3020m	silt, sand & shell hash
<i>Goniada sp A</i>	SCAMIT, 2023 §	1	1	acicula	spherical, w/out beaks	-----	14	??	??	72	Palos Verdes, CA	30m	gravelly sand