

Bight '98 Lumbrineridae

By Lawrence L. Lovell

Eranno bicirrata (Treadwell, 1929) (not 1922 as in Ed 3 list)

Eranno erecta (Moore, 1904) (new combination)

Eranno lagunae (Fauchald, 1970)

Lumbrinerides platypygos (Fauchald, 1970)

Lumbrineris californiensis Hartman, 1944

Lumbrineris cruzensis Hartman, 1944

Lumbrineris index Moore, 1911 *

Lumbrineris japonica (Marenzeller, 1879)

Lumbrineris latreilli (Audouin & Milne-Edwards, 1834)

Lumbrineris limicola Hartman, 1944

Lumbrineris sp. D of Lovell +

Ninoe tridentata Hilbig, 1995

Scoletoma luti (Berkeley and Berkeley, 1945) +

Scoletoma tetraura (Schmarda, 1861) +

Scoletoma sp. A of Harris

Scoletoma sp. B of Harris

Scoletoma sp. C of Harris

* This species was not reported in Bight '98 samples.

+ These species were reported under other names in the Bight '98 project.

Key to the Bight '98 Lumbrineridae Genera

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- 1. Simple and composite hooks present *Lumbrineris*
- 1. Simple hooks only 2
- 2. Simple hooks bidentate, prostomium prolonged . . *Lumbrinerides*
- 2. Simple hooks multidentate 3
- 3. Anterior parapodia with branchiae *Ninoe*
- 3. Branchiae absent 4
- 4. M II $\frac{1}{2}$ as long as M I, with sclerotized ligament *Eranno*
- 4. M II subequal to M I, with thin ligament *Scoletoma*

**Key to the Species of *Eranno* Kinberg, 1865,
emended Orensanz, 1990**

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- 1. Acicula black *Eranno bicirrata* (Treadwell, 1929)
- 1. Acicula yellow 2
- 2. Pre and postsetal lobes prolonged
. *Eranno lagunae* (Fauchald, 1970)
- 2. Postsetal lobes prolonged, erect
. *Eranno erecta* (Moore, 1904) (new combination)

***Lumbrinerides* Orensanz, 1973**

Lumbrinerides platypygos (Fauchald, 1970)

***Ninoe* Kinberg, 1865**

Ninoe tridentata Hilbig, 1995

Key to the Species of *Lumbrineris* Blainville, 1828

By Lawrence L. Lovell

1. Acicula black 2
1. Acicula yellow 4

2. Pre and postsetal lobes present, anterior segments with poorly developed lobes
. *Lumbrineris californiensis* Hartman, 1944
2. Only postsetal lobes present, well developed in anterior segments 3

3. Postsetal lobes short, not extending past setae
. *Lumbrineris japonica* (Marenzeller, 1879)
3. Postsetal lobes long, extending past setae
. *Lumbrineris index* Moore, 1911

4. Pre and postsetal lobes long, presetal longer; anterior segments with poorly developed lobes
. *Lumbrineris cruzensis* Hartman, 1944
4. Postsetal lobes short, begin in anterior segments 5

5. Postsetal lobe with blunt rounded tip in median segments, presetal lobes absent
. *Lumbrineris latreilli* (Audouin & Milne-Edwards, 1834)
5. Postsetal lobes with tapering tip, presetal lobes absent
. *Lumbrineris limicola* Hartman, 1944
5. Postsetal lobes change; short in anterior and posterior segments, prolonged in median segments; presetal lobes short in median segments *Lumbrineris* sp. E of Lovell

**Key to the Bight '98 *Scoletoma* Blainville, 1828,
emended Frame, 1992**

by Lawrence L. Lovell

1. Simple hooks begin from setiger 1 2
1. Simple hooks begin from setiger 4-9, usually 6-8 . . . 4
2. Pre and postsetal lobes developed, body sometimes
orangish colored *Scoletoma* sp. C of Harris
2. Only postsetal lobe developed, especially in far
posterior segments 3
- 3.. Postsetal lobes directed obliquely upward in posterior
segments, body robust, prostomium conical
. *Scoletoma tetraura* (Schmarda, 1861)
3. Postsetal lobes directed laterally, not upward; in
posterior segments; body thin, elongate, prostomium
triangular; maxillary apparatus seen through dorsum
looking like eyespots
. *Scoletoma luti* (Berkeley and Berkeley, 1945)
4. Posterior segments with prolonged pre and postsetal
lobes *Scoletoma* sp. B of Harris
4. Posterior segments with postsetal lobes only . . .
. *Scoletoma* sp. A of Harris