

Identification Guide to the Lineidae Reported in CSD Collections

	Specimen condition	Cephalic grooves	Caudal cirrus	Neurochord cells	Color	Eyes	Other characters or comments	Voucher #
Lineidae	complete or incomplete	present	absent or N/A	absent	distinctive coloration absent			
<i>Cerebratulus sp</i>	complete or incomplete	present	present or absent	present	distinctive coloration absent	absent		
<i>Cerebratulus californiensis</i>	complete	present	present	present	distinctive coloration absent	absent	body smooth, lat. margins not ribbon-like	X-80
<i>Cerebratulus lineolatus</i>	complete or incomplete	present	present/absent	present	olive - dark brown longitudinal lines	absent	body strongly wrinkled, "corrugated"	X-77
<i>Cerebratulus marginatus</i>	complete	present	present	present	distinctive coloration absent, lateral margins pale	absent	body strongly wrinkled, "corrugated"; lateral margins very flat	X-64
<i>Lineus bilineatus</i>	complete or incomplete	present	absent	absent	mid-dorsal stripe on olive body	absent		X-52
<i>Lineus ruber</i> *	complete	present	absent	absent	body brown, tip of head pale, extending on to cephalic slit	2-4 per side, often coalesced		X-75
<i>Lineus rubescens</i> *	complete	present	absent	absent	body rose, tip of head white	4 - 8 per side, distinct		X-96
<i>Micrura sp</i>	complete	present	present	absent	distinctive coloration absent		lateral nerve chords reduced	X-67
<i>Micrura alaskensis</i>	complete	present	present	absent	commonly ochre colored w/ pale lateral margins	absent		X-94
<i>Micrura wilsoni</i>	complete	present	present	absent	tip of head white, body dark brown	absent	May be easily confused with <i>L. rubescens</i>	-----

Notes: *Lineus sp.* is an invalid designation since it cannot yet be reliably distinguished from *Micrura sp* simply by the absence of a caudal cirrus.

Lineus torquatus has not been confirmed in CSDMWWD collections. The original identification of this species was later rejected.

Lineus ruber and *Lineus rubescens* cannot be reliably distinguished based on CSD collections or references, though the distinctly white-tipped head suggests that our specimens are *Lineus rubescens*.