This article was downloaded by: [University of Auckland Library]
On: 12 November 2014, At: 13:10
Publisher: Taylor & Francis
Informa Ltd Registered in England and Wales Registered Number:
1072954 Registered office: Mortimer House, 37-41 Mortimer Street,
London W1T 3JH, UK

Annals and Magazine of Natural History: Series 4

Publication details, including instructions
for authors and subscription information:
<http://www.tandfonline.com/loi/tnah10>

The collared snake (*Coluber natrix*) in the sea

Dr. J.E. Gray F.R.S.

Published online: 16 Oct 2009.

To cite this article: Dr. J.E. Gray F.R.S. (1868) The collared snake (*Coluber natrix*) in the sea , *Annals and Magazine of Natural History: Series 4*, 2:11, 389-389, DOI: [10.1080/00222936808695830](https://doi.org/10.1080/00222936808695830)

To link to this article: <http://dx.doi.org/10.1080/00222936808695830>

PLEASE SCROLL DOWN FOR ARTICLE

Taylor & Francis makes every effort to ensure the accuracy of all the information (the "Content") contained in the publications on our platform. However, Taylor & Francis, our agents, and our licensors make no representations or warranties whatsoever as to the accuracy, completeness, or suitability for any purpose of the Content. Any opinions and views expressed in this publication are the opinions and views of the authors, and are not the views of or endorsed by Taylor & Francis. The accuracy of the Content should not be relied upon and should be independently verified with primary sources of information. Taylor and Francis shall not be liable for any losses, actions, claims, proceedings, demands, costs, expenses, damages, and other liabilities whatsoever or howsoever caused arising directly

or indirectly in connection with, in relation to or arising out of the use of the Content.

This article may be used for research, teaching, and private study purposes. Any substantial or systematic reproduction, redistribution, reselling, loan, sub-licensing, systematic supply, or distribution in any form to anyone is expressly forbidden. Terms & Conditions of access and use can be found at <http://www.tandfonline.com/page/terms-and-conditions>

The Collared Snake (Coluber natrix) in the Sea.

By Dr. J. E. GRAY, F.R.S.

It has been stated by several persons that *Sea-Snakes* are sometimes found in the European seas, and even on English coasts, as far north as the Orkneys, their appearance in the latter locality being accounted for by their having been carried there by the Gulf-stream, which might perhaps happen with some American species; but the specimens shown to me have all been the common Collared Snake (*Coluber natrix*), and I have been inclined to doubt the accuracy of the statements, as they were not well authenticated, and on examination were generally found to have come through two or more persons before they reached me. The other day the Secretary of the Montrose Natural History Society showed me a specimen of *Coluber natrix* which was taken up in a bucket in the sea, about twenty-five miles from the Naze on the coast of Norway. It lived some time aboard, and arrived alive at Montrose and was there put in spirits.

This Snake is aquatic in its habits, often found in ponds and ditches, where it goes to catch frogs, fish, &c. It has no near relation to what are usually called Sea-Snakes (*Hydridæ*). This *Coluber* may have been washed down by the floods into the sea, as the *Boas* are said by Guilding to be in the West Indies.

On the Jaw of Cyllindrella. By T. BLAND.

42 Pine Street, New York, 12th October, 1868.

MY DEAR SIR,—I have lately made an unlooked-for discovery, which I announce to you, to whom all are so much indebted for labours with reference to classification.

I find that *Cyllindrella*, as well as *Macroceramus*, has a *jaw*, in both of much the same character. Lately I received several species either alive or in glycerine; and immersion in a solution of caustic potash enabled me with comparative ease to detect the jaw. Being very minute and delicate, I do not wonder at this having escaped notice. I had previously examined dead and dried-up specimens only of the *Cyllindrella-Maugei* group.

I have both jaws and lingual bands of

<i>Cyllindrella sanguinea</i> , Pf.	<i>C. gracilis</i> , Wood.	Jamaica.
Jamaica.	<i>C. Maugei</i> , Wood.	Jamaica.
<i>C. rosea</i> , Pf. Jamaica.	<i>C. trinitaria</i> , n. sp.	Trinidad.
<i>C. brevis</i> , Pf. Jamaica.	<i>C. bahamensis</i> , n. sp.	New
<i>C. elongata</i> , Ch. Jamaica.	Providence.	

I shall publish this with figures; meantime I take pleasure in informing you, as I have Dr. Pfeiffer, through Mr. Crosse.

I am, my dear Sir,

Dr. John E. Gray,
British Museum.

Very truly yours,
T. BLAND.

Remarks on the Development of Marine Fishes. By G. O. SARS.

It has long been supposed that the codfish deposit their ova at the bottom of the sea. M. G. O. Sars has recently shown that this