

ID: W2407358856

TITLE: Physiological, ecological, and behavioural correlates of the size of the geographic ranges of sea kraits (Laticauda; Elapidae, Serpentes): A critique

AUTHOR: ['Harold Heatwole', 'Harvey B. Lillywhite', 'Alana Grech']

ABSTRACT:

Recent, more accurate delineation of the distributions of sea kraits and prior dubious use of proxy temperatures and mean values in correlative studies requires re-assessment of the relationships of temperature and salinity as determinants of the size of the geographic ranges of sea kraits. Correcting the sizes of geographic ranges resolved the paradox of lack of correspondence of size of range with degree of terrestriality, but did not form a definitive test of the theory. Recent ecological, physiological, and behavioural studies provide an example of the kind of approach likely to either validate or refute present theory.

SOURCE: Journal of sea research

PDF URL: <https://www.sciencedirect.com/science/article/am/pii/S1385110116300983>

CITED BY COUNT: 9

PUBLICATION YEAR: 2016

TYPE: article

CONCEPTS: ['Elapidae', 'Range (aeronautics)', 'Ecology', 'Proxy (statistics)', 'Correlative', 'Geography', 'Biology', 'Statistics', 'Mathematics', 'Linguistics', 'Philosophy', 'Materials science', 'Venom', 'Composite material']