

# VIDYODAYA JOURNAL OF SCIENCE

Vol. 6

JULY 1995

VIDYODAYA JOURNAL OF SCIENCE VOL 6.		Page
CONTENTS		
1.	In vitro somatic embryogenesis in angiosperms with special reference to monocotyledons. - K. Hiriburegama. ... ..	01
2.	Osmotic regulation in <i>Metapenaeus ensis</i> - M. V. E. Attygalle. ... ..	21
3.	The Chlorophyll a content, species composition and population structure of phytoplankton in Randenigala Reservoir in Sri Lanka. - M. M. Pathmalal and S. Piayasiri. ... ..	29
4.	Another method for drawing an ellipse - P. C. B. Fernando and D. A. Tantrigoda. ... ..	43
5.	Relative geoid of central Sri Lanka. - D. A. Tantrigoda. ... ..	47
6.	Mosquito larvicidal activity and active constituents of <i>Acorus calamus</i> - S. S. Ranaweera. ... ..	57
7.	Some aspects of biology and fishery of scallop hammerhead shark ( <i>Sphyrna lewini</i> ) - J. Jinadasa. ... ..	67
8.	Ecology and distribution of soil protozoa in the Bellanwila wetland. - A. G. D. H. Senviratne and D. L. D. Waidyasekara. ... ..	79
9.	Antireproductive effects of tamoxifen when applied locally to the epididymis of rats - W. D. Ratnasooriya and S. Manikavasagar. ... ..	89
10.	Some aspects of enhancement of proteolytic activity of papain - P. A. J. Yapa and R. Deshapriya. ... ..	99
11.	Courtship behavior in the oriental fruit fly <i>Dacus dorsalis</i> under semi natural conditions - M. M. S. C. Karunaratne. ... ..	107
12.	Ionic conductivity of prussian blue type compounds doped with alkali metal chlorides - K. Tennakone, C. S. Lokuhetti and P. Samarasekera. ... ..	117
13.	The effect of papaya ring spot virus on the nitrogen metabolism of <i>Carica papaya</i> , L. Part-I. - W. A. S. Wijendra, S. S. Ranaweera and N. Salim. ... ..	123
14.	The effect of papaya ring spot virus infection on the nitrogen metabolism of <i>Carica papaya</i> . <b>I. Part - II.</b> Composition of free amino acids in leaves - W. A. S. Wijendra, S. S. Ranaweera and N. Salim. ... ..	131
15.	Micro-sphere (15 Mm - 240 Mm) in carbon - Arc Soot. - P. C. B. Fernando, Agra T. Wijeratne and M. Abeysiriwardena. ... ..	139