A STUDY ON THE BIOLOGY, ECOLOGY AND POPULATION OF FRESHWATER COPEPODS IN MUVATTUPUZHA RIVER BASIN, KERALA

Thesis submitted to
Mahatma Gandhi University, Kottayam
for the award of the Degree of Doctor of Philosophy
in Zoology
(Faculty of Science)

By

Sasikala K. Joseph

February, 2014

DECLARATION

I do hereby declare that the thesis entitled, "**A Study on the Biology, Ecology and Population of Freshwater Copepods in Muvattupuzha River Basin, Kerala**" is an authentic record of original research carried out by me under the supervision and guidance of Dr. Shaju Thomas at the research centre in the Postgraduate Department of Zoology, CMS College, Kottayam, in partial fulfilment of the requirements for the degree of Doctor of Philosophy of the Mahatma Gandhi University and that no part of this thesis has formed the basis for the award of any degree, diploma or any other similar titles of any university.

Sasikala K. Joseph

C.M.S. College, Kottayam
24-02-2014

CERTIFICATE

I do hereby certify that the thesis entitled, "**A Study on the Biology, Ecology and Population of Freshwater Copepods in Muvattupuzha River Basin, Kerala**" is an original work carried out by Mrs. Sasikala K. Joseph, Associate Professor, Postgraduate Department of Zoology, Nirmala College, Muvattupuzha under my supervision and guidance in partial fulfilment of the requirements for the award of Doctor of Philosophy in Zoology. This work has not been submitted for any other degree or diploma earlier.

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Muvattupuzha
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