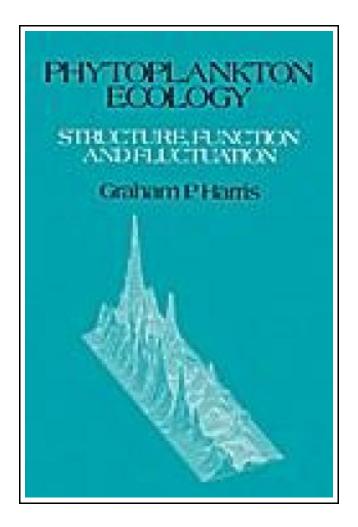
Phytoplankton Ecology



Filesize: 9.53 MB

Reviews

Comprehensive guide for publication enthusiasts. I could possibly comprehended every thing out of this created e ebook. I am just quickly can get a enjoyment of reading through a created publication. (Shayne Feeney)

DOWNLOAD COMPLETE PDF FILE AT

http://certification.space/9780412306907-phytoplankton-ecology-ebook.pdf

PHYTOPLANKTON ECOLOGY



Springer Sep 1987, 1987. Taschenbuch. Book Condition: Neu. 235x155x21 mm. This item is printed on demand -Print on Demand Neuware - Inhaltsangabe1 Preamble.- 1.1 A brief introduction to the organisms.- 2 Ecological theory.- 2.1 An historical perspective: the concept of plenitude.- 2.2 Ecology and evolution.- 2.3 Equilibrium theory.- 2.4 The equilibrium theory of community structure.- 2.5 Criticisms of equilibrium theory.- 2.6 Nonequilibrium theory.- 2.7 Some ideas from non-equilibrium thermodynamics.- 3 Some basic physics.- 3.1 Scales of turbulent kinetic energy generation.- 3.2 The physics of surface waters.- 3.2.1 Small scale events.- 3.2.2 Medium scale (seasonal) events.- 3.2.3 Large scale events.- 4 The chemical environment.- 4.1 The Redfield ratio.-4.2 The major ions.- 4.2.1. The distribution of phytoplankton in relation to the major ions.- 4.3 The major nutrients.- 4.3.1 Carbon.- 4.3.2 Nitrogen.- 4.3.3 Phosphorus.- 5 Defining the scales of interest.- 5.1 Patchiness in space and time.- 5.1.1 Vertical mixing and sedimentation.- 5.1.2 Horizontal mixing.- 5.1.3 Spectra of turbulent kinetic energy.- 5.1.4 Spectra of chemical fluctuations.- 5.2 The biological response to variability in space and time.- 5.2.1 Physiological scales.- 5.2.2 The scales of growth rates.- 5.3 Models of competition between phytoplankton.- 6 The measurement of productivity and growth rates.- 6.1 The interpretation of kinetic measurements.- 6.1.1 14C uptake.- 6.1.2 15N uptake.- 6.1.3 32P uptake.- 6.2 The integration of metabolic pathways.- 6.2.1 C and N metabolism.- 6.2.2 C and P metabolism.- Time scales and the effects of bottle containment.- From kinetics to growth rates .- 7 The concept of limiting nutrients.- 7.1 Rate processes in oligotrophic waters.- 7.2 The cycling of N and P in lakes and the oceans.- 7.3 Nutrient cycling, elemental ratios and the 'Redfield ratio'.- 7.4 Patterns in temporal fluctuations.- 7.5 Whole basin averages.- 8 Physiological scales: non-steady state conditions in the field.- 8.1 The effects of environmental variability on...

 Read Phytoplankton Ecology Online Download PDF Phytoplankton Ecology

DOWNLOAD COMPLETE PDF FILE AT

http://certification.space/9780412306907-phytoplankton-ecology-ebook.pdf

You May Also Like



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Download eBook »



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

Download eBook »



Angels Among Us: 52 Humorous and Inspirational Short Stories: Lifes Outtakes

- Year 7

Publishing Inspiration. Paperback. Book Condition: New. This item is printed on demand. Paperback. 132 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.52 Humorous And Inspirational Short Stories!52 humorous and inspirational short stories from year 7 of...

Download eBook »



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free...

Download eBook »



By the Fire Volume 1

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 130 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.By the Fire is an exciting new Bi-Monthly publication featuring new works by...

Download eBook »