

## Reading list BIO212 Spring 2019

Bertness, M.D., Bruno, J.F., Silliman, B.R., Stachowicz, J.J. (eds.) (2014) *Marine Community Ecology and Conservation*. Sinauer Associates Inc. Sunderland, MA. 556 pp. ISBN: 978-1-60535-228-2

Note that seminar and lecture material are also syllabus.

### Topics, and related reading from the textbook:

#### *Processes that generate pattern in marine communities*

- Lecture 1 (HG) – *Physical environment/Living in water* –  
Chapter 2
- Lecture 2 (PR) *Foundation species, biodiversity and ecosystem function* –  
Chapters 3 + 6, Cardinale et al. 2012 (also relevant for seminar 1)
- Lecture 3 (GD) – *Dispersal and biogeography* –  
Chapters 4 + 7

#### *Community types and human impacts*

- Lecture 4 (HG) – *Soft sediment communities, including salt marshes and mangroves*  
Chapters 10 + 11
- Lecture 5 (CA) *Coral reefs and maerl* –  
Chapter 13
- Lectures 6 + 7 (KS) – *Macrophyte-dominated habitats (rocky intertidal, kelp forests, seagrass beds)*  
Chapters 9, 12 + 14
- Lecture 8 (MS) – *Human impacts* –  
Chapters 19 + 20
- Lecture 9 (HTR) – *Deep sea communities* –  
Chapter 17

**Seminars** – note that there will be articles/chapters to read for these, we will post this info on the “Files” page of the BIO212 pages on “Mitt UiB” before the seminars.

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|------------------------|---------------------------|-----------------|
| Seminar 1 (CA/HG) –    | <i>Ecosystem services</i> | TM51 Konf.rom B |
| Seminar 2 (HG/PR) –    | <i>Disease/parasitism</i> | TM51 Konf.rom B |
| Seminar 3 (CA/PR) –    | <i>Marine conservatio</i> | TM51 Konf.rom B |
| Seminar 4 (HG/PR/CA) – | Debate panel session      | TM51 Konf.rom B |

HG = Henrik Glenner (course organiser), Guests: GD = Geir Dahle, KS = Kjersti Sjøtun, HTR = Hans Tore Rapp,  
CA = Caroline Armitage, PR = Pedro Ribeiro, MS = Martina Stiasny