Literature search:
Web of Science (February, 2019)
k = 4899

Records included based on title and abstract:
k = 948

Papers after the first round of full text search:
k = 196

Papers used for determining stoichiometry sensitivity factors and response ratio:
k = 104

Synthesis studies:
1. Geider and La Roche (2002)
2. Flynn et al. (2010)
3. Persson et al. (2010)
4. Hillebrand et al. (2013)
6. Thrane et al. (2016)
7. Moreno and Martiny (2018)
k = 306

Papers excluded:
• duplicates
• not meeting inclusion criteria
• not providing necessary data
• same data reported over multiple studies
• freshwater species
• not under laboratory condition
• no error bars
k = 5095

Other sources:
papers not included in literature search
k = 6