Supplementary Table 1 Long-term variation in dominant species for the last 11 years in Yeongil Bay. Parenthesis illustrates dominance in %.

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| --- | --- | --- |
| Year | Surface | Bottom |
| 2007 | *Skeletonema costatum* (74%) | *Pseudo-nitzschia seriata* (49%)  *Chroomonas* sp. (40%) |
| 2008 | *Chroomonas* sp.(84%) | *Chroomonas* sp. (85%) |
| 2009 | *Chroomonas* sp.(71%) | *Chroomonas sp.* (67%) |
| 2010 | *Chroomonas* sp.(70%) | *Chroomonas* sp. (82%) |
| 2011 | *Leptocylindrus danicus (36%)  Bacteriosira fragilis* (32%) | *Leptocylindrus danicus* (47%)  *Cosmarium* sp. (46%) |
| 2012 | *Leptocylindrus danicus* (86%) | *Leptocylindrus danicus* (86%) |
| 2013 | *Leptocylindrus danicus* (72%) | *Leptocylindrus danicus* (67%) |
| 2014 | *Leptocylindrus danicus* (68%) | *Leptocylindrus danicus* (59%) |
| 2015 | *Leptocylindrus danicus* (94%) | *Leptocylindrus danicus* (85%) |
| 2016 | *Leptocylindrus danicus* (98%) | *Leptocylindrus danicus* (98%) |
| 2017 | *Pseudo-nitzschia delicatissima* (50%)  *Pseudo-nitzschia pungens* (40%) | *Pseudo-nitzschia pungens* (47%)  *Pseudo-nitzschia delicatissima* (41%) |