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

|  |  |  |
| --- | --- | --- |
| 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%) |