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Supplement of

**Reconstructing past variations in environmental conditions and
paleoproductivity over the last ~ 8000 years off
north-central Chile (30° S)**

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Table S2. Main diatoms in the sedimentary record at Station BGGC5 and BTGC8, off Coquimbo, expressed as average contribution (%) of species and species groups for the downcore sediment, where RS=Resting spores. Species with >1.0% overall relative abundance were ranked in decreasing order of importance.

| Species | Station BGGC5 | | Station BTGC8 | |
|--|---------------|-----------|---------------|-----------|
| | Rank | Average % | Rank | Average % |
| <i>Chaetoceros radicans/cinctus</i> (RS) | 1 | 65,5 | 1 | 90,2 |
| <i>Ch. affinis</i> (RS) | 2 | 9,8 | | |
| <i>Ch. coronatus</i> (RS) | 3 | 6,3 | | |
| <i>Skeletonema japonicum</i> | 4 | 5,7 | | |
| <i>Ch. diadema</i> (RS) | 5 | 3,5 | 3 | 1,1 |
| <i>Ch. didymus</i> vegetative cell | 6 | 2,8 | | |
| <i>Ch. debilis</i> (RS) | 7 | 1,6 | | |
| <i>Rhizosolenia imbricata</i> "group" | 8 | 1,1 | | |
| <i>Ch. constrictus/vanherurckii</i> (RS) | | | 2 | 7,3 |