## Supplementary material - Samuel Hylander

### Title: Mycosporine-like amino acids (MAAs) in zooplankton

| Specimen | Source | Type | Region | Site | Month | Year | Concentration (µg/mgDW) | Reference |
|----------|--------|------|--------|------|-------|------|------------------------|-----------|
| Calanoid copepod Calanus hyperboreus | Marine | 0 69 N 4.8 | N/A | April | 2012 | Disco Bay, Greenland | 0.01 | Hylander et al. 2015 | |
| Calanoid copepod Calanus hyperboreus | Marine | 0 69 N 4.8 | N/A | March | 2012 | Disco Bay, Greenland | 0.00 | Hylander et al. 2015 | |
| Calanoid copepod Calanus glacialis | Marine | 0 69 N 3.3 | N/A | April | 2012 | Disco Bay, Greenland | 0.71 | Hylander et al. 2015 | |
| Calanoid copepod Calanus glacialis | Marine | 0 69 N 4.8 | N/A | March | 2012 | Disco Bay, Greenland | 0.07 | Hylander et al. 2015 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 May | 2002 | Lake Giles | 0.59 | Moeller et al. 2015 | |
| Calanoid copepod Calanus glacialis | Marine | 0 69 N 4.8 | N/A | March | 2012 | Disco Bay, Greenland | 0.06 | Hylander et al. 2015 | |
| Calanoid copepod Calanus finmarchicus | Marine | 0 69 N 3.3 | N/A | April | 2012 | Disco Bay, Greenland | 0.99 | Hylander et al. 2015 | |
| Calanoid copepod Calanus finmarchicus | Marine | 0 69 N 4.8 | N/A | April | 2012 | Disco Bay, Greenland | 0.11 | Hylander et al. 2015 | |
| Calanoid copepod Leptodiaptomus tyrrelli | Freshwater | 1870 39 N | 21 500 | Sept | 2006 | Tahoe MG, PA, AS, SH, P/US | 2.01 | Persaud et al. 2007 | |
| Calanoid copepod Nannocalanus sp. | Marine | 0 0-30 N | N/A | Oct - Nov | 2010 | Atlantic SH, PA, MY | 0.03 | Fileman et al. 2017 | |
| Calanoid copepod Nannocalanus sp. | Marine | 0 0-30 N | N/A | Oct - Nov | 2010 | Atlantic SH, PA, MY | 0.03 | Fileman et al. 2017 | |
| Calanoid copepod Nannocalanus sp. | Marine | 0 0-30 N | N/A | Oct - Nov | 2010 | Atlantic SH, PA, PO, MY | 0.50 | Fileman et al. 2017 | |
| Cyclopoid copepod Corycaeus sp. | Marine | 0 40-0 S | N/A | N/A | Oct - Nov | 2010 | 0.01 | Fileman et al. 2017 | |
| Calanoid copepod Clausocalanus sp | Marine | 0 40-0 S | N/A | N/A | Oct - Nov | 2010 | 0.07 | Fileman et al. 2017 | |
| Calanoid copepod Clausocalanus sp | Marine | 0 40-0 S | N/A | N/A | Oct - Nov | 2010 | 0.50 | Fileman et al. 2017 | |
| Cladocera Daphnia catawba | Freshwater | 439 41 N | 0.23 | 13 April | 2003 | Lake Lacawac | 0.00 | Persaud et al. 2007 | |
| Cladocera Ceriodaphnia dubia | Freshwater | 1160 45 S | 0.39 | 0.5 | Jan | 2004 | Burns | 0.00 | Persaud et al. 2007 | |
| Calanoid copepod Nannocalanus sp. | Marine | 0 40 N | N/A | N/A | Oct - Nov | 2010 | 0.03 | Fileman et al. 2017 | |
| Calanoid copepod Nannocalanus sp. | Marine | 0 40 N | N/A | N/A | Oct - Nov | 2010 | 0.97 | Fileman et al. 2017 | |
| Calanoid copepod Clausocalanus sp | Marine | 0 40 N | N/A | N/A | Oct - Nov | 2010 | 0.50 | Fileman et al. 2017 | |
| Calanoid copepod Clausocalanus sp | Marine | 0 40 N | N/A | N/A | Oct - Nov | 2010 | 0.70 | Fileman et al. 2017 | |
| Calanoid copepod Clausocalanus sp | Marine | 0 40 N | N/A | N/A | Oct - Nov | 2010 | 2.49 | Fileman et al. 2017 | |
| Calanoid copepod Boeckella gracilipes | Marine | 0 0-30 N | N/A | Oct - Nov | 2010 | Atlantic PA, AS | 3.02 | Garcia et al. 2014 | |
| Calanoid copepod Boeckella antigua | Freshwater | 907 41 S | N/A | 1.5 | 1.8 | N/A | 2.08 | Perez et al. 2012 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Oct | 2001 | Lake Giles | 0.50 | Moeller et al. 2015 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Oct | 2002 | Lake Giles | 0.70 | Moeller et al. 2015 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Sept | 2001 | Lake Giles | 2.49 | Moeller et al. 2015 | |
| Calanoid copepod Leptodiaptomus ashlandi | Freshwater | 2713 44 N | 0.8 | 26 July | 2003 | Lake Beartooth | 0.62 | Persaud et al. 2007 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 564 41 N | 2.8 | 4.5 | Aug | 2006 | Lake Earnest | 3.86 | Persaud et al. 2007 | |
| Calanoid copepod Boeckella dialata | Freshwater | 740 45 S | 0.48 | 10 Jan | 2004 | Pyramid MG, PA, SH, PO, P/US | 4.02 | Persaud et al. 2007 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Oct | 2002 | Lake Giles | 0.70 | Moeller et al. 2015 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Oct | 2001 | Lake Giles | 0.70 | Moeller et al. 2015 | |
| Calanoid copepod Leptodiaptomus minutus | Freshwater | 428 41 N | N/A | 24 Sept | 2001 | Lake Giles | 2.49 | Moeller et al. 2015 | |

Notes:
- Total MAA concentrations in zooplankton refer to the unit µg mgDW^-1 (i.e., µg total MAA concentration per mg dry weight).
- For data selection and extraction, see material and methods.
- Abbreviation: MAA: mycosporine-like amino acid.
