Pages2kTemperature-2\_2\_0 Bibliography

[Download bibtex file of references here](https://lipdverse.org/Pages2kTemperature/2_2_0/Pages2kTemperature-2_2_0.bib)

We aim to have correct bibliographic metadata for all of the datasets on LiPDverse. If you see any datasets with missing, incomplete, or incorrect references, please let us know by posting an issue [here](http://github.com/nickmckay/lipdverse/issues) and we’ll correct it.

Warning in attr(x, "align"): 'xfun::attr()' is deprecated.  
Use 'xfun::attr2()' instead.  
See help("Deprecated")

Warning in attr(x, "format"): 'xfun::attr()' is deprecated.  
Use 'xfun::attr2()' instead.  
See help("Deprecated")

Datasets included in Pages2kTemperature-2\_2\_0

| dataSetName | datasetVersion | Lat | Lon | archiveType | proxy | citations |
| --- | --- | --- | --- | --- | --- | --- |
| [Afr-ColdAirCave.Sundqvist.2013](https://lipdverse.org/data/b7k9uDLbDLTNY95dMRiC/1_0_7/) | 1.0.7 | -24.0000 | 29.1800 | Speleothem | d18O | Sundqvist et al. (2013) |
| [Afr-LakeMalawi.Powers.2011](https://lipdverse.org/data/F6EDe18nenYu2W8jWLnC/1_0_11/) | 1.0.11 | -10.0033 | 34.2883 | LakeSediment | TEX86 | Powers et al. (2011) |
| [Afr-LakeTanganyika.Tierney.2010](https://lipdverse.org/data/ffaauJnqTsnDUdKXjaRq/1_0_6/) | 1.0.6 | -6.0300 | 28.5300 | LakeSediment | TEX86 | Tierney et al. (2010) |
| [Afr-P178-15P.Tierney.2015](https://lipdverse.org/data/iFzeKMTMTLOqiw0WCxlc/1_0_7/) | 1.0.7 | 11.9550 | 44.3000 | MarineSediment | TEX86 | Tierney, Ummenhofer, and deMenocal (2015) |
| [Ant-BerknerIsland.Mulvaney.2002](https://lipdverse.org/data/poe6t9cnB2J9vBRm9eT1/1_0_7/) | 1.0.7 | -79.5700 | -45.7200 | GlacierIce | d18O | Mulvaney et al. (2002); Ruth et al. (2004) |
| [Ant-CoastalDML.Thamban.2012](https://lipdverse.org/data/LCovUrW0O41B76lZlRLl/1_0_6/) | 1.0.6 | -70.8600 | 11.5400 | GlacierIce | d18O | Thamban et al. (2012) |
| [Ant-DSS.DahlJensen.1999](https://lipdverse.org/data/n8LLCEGjSUrECQkBygNJ/1_0_5/) | 1.0.5 | -66.7700 | 112.8070 | Borehole | borehole | Dahl-Jensen, Morgan, and Elcheikh (1999) |
| [Ant-DSS.Moy.2012](https://lipdverse.org/data/0Lm8RAUQwa9nU5CUFWfY/1_0_7/) | 1.0.7 | -66.7700 | 112.8070 | GlacierIce | d18O | Plummer et al. (2012) |
| [Ant-DomeC.Jouzel.2001](https://lipdverse.org/data/js1QbcwWHEKH4nUAdE9B/1_0_6/) | 1.0.6 | -75.1000 | 123.3900 | GlacierIce | dD | Jouzel et al. (2001) |
| [Ant-DomeC.Stenni.2001](https://lipdverse.org/data/3FTQDaZOXoRPzsvvMX9i/1_0_7/) | 1.0.7 | -75.1000 | 123.3900 | GlacierIce | d18O | Barbara Stenni et al. (2001) |
| [Ant-DomeF1993.Uemura.2014](https://lipdverse.org/data/PNCv1aEPr91sxpBUuGVF/1_0_6/) | 1.0.6 | -77.3200 | 39.7000 | GlacierIce | d18O | Motizuki et al. (2014) |
| [Ant-DomeF2001.Uemura.2008](https://lipdverse.org/data/x7PRgy7ZK18MA1CMjWx9/1_0_6/) | 1.0.6 | -77.3200 | 39.7000 | GlacierIce | d18O | Horiuchi et al. (2008) |
| [Ant-Ferrigno.Thomas.2013](https://lipdverse.org/data/Acl16WGUmuwgaTn0DsIP/1_0_7/) | 1.0.7 | -74.5700 | -86.9000 | GlacierIce | dD | E. R. Thomas et al. (2013) |
| [Ant-JamesRossIsland.Mulvaney.2013](https://lipdverse.org/data/FSftUa0yY3W5be94mKQF/1_0_8/) | 1.0.8 | -64.2017 | -57.6850 | GlacierIce | dD | Abram et al. (2013); Mulvaney et al. (2012) |
| [Ant-MES.Rhodes.2012](https://lipdverse.org/data/6aD7lFSEX7vGHUQdOgiT/1_0_3/) | 1.0.3 | -77.5150 | 167.6765 | GlacierIce | dD | Rhodes et al. (2012); L. Benson et al. (2002) |
| [Ant-PlateauRemote.Mosley-Thompson.2013](https://lipdverse.org/data/K3QoHtgVMnlBGxMMoDQy/1_0_7/) | 1.0.7 | -84.0000 | 43.0000 | GlacierIce | d18O | Consortium (2013) |
| [Ant-SipleStation.Mosley-Thompson.1990](https://lipdverse.org/data/TFKKwbKaEuCe4lzTPX7y/1_0_3/) | 1.0.3 | -75.9200 | -84.2500 | GlacierIce | d18O | Mosley-Thompson et al. (1990); F. Yuan et al. (2004) |
| [Ant-SiteDML05.Graf.2002](https://lipdverse.org/data/U5cIPq5K2BlduNRXB8bS/1_0_3/) | 1.0.3 | -75.0000 | -0.0100 | GlacierIce | d18O | Graf et al. (2002); Sommer et al. (2000); Dean et al. (2013) |
| [Ant-SiteDML07.Graf.2002](https://lipdverse.org/data/CbdSgVTeD8IJk8TrcLFW/1_0_3/) | 1.0.3 | -75.5800 | -3.4300 | GlacierIce | d18O | Graf et al. (2002); Jones et al. (2006) |
| [Ant-SiteDML17.Graf.2002](https://lipdverse.org/data/qchpp02XIc2KRJfek3rt/1_0_7/) | 1.0.7 | -75.1700 | 6.5000 | GlacierIce | d18O | Graf et al. (2002) |
| [Ant-TALDICE.Stenni.2010](https://lipdverse.org/data/eHwluxxK7Otp0W2H8fyw/1_0_3/) | 1.0.3 | -72.8200 | 159.1800 | GlacierIce | d18O | B. Stenni et al. (2010); Tian, Nelson, and Hu (2006) |
| [Ant-TalosDome.Stenni.2002](https://lipdverse.org/data/q60YD3YKBMLvhKaCVgMH/1_0_3/) | 1.0.3 | -72.8000 | 159.0600 | GlacierIce | dD | B. Stenni et al. (2002); Liu et al. (2008) |
| [Ant-TaylorDome.Steig.2000](https://lipdverse.org/data/oonVEsZCgbLOhvZ2fxJy/1_0_7/) | 1.0.7 | -77.7800 | 158.7200 | GlacierIce | d18O | Steig et al. (2000) |
| [Ant-US-ITASE-2000-1.Steig.2013](https://lipdverse.org/data/hBBbohEOvxM0iofMn4m2/1_0_6/) | 1.0.6 | -79.3838 | -111.2400 | GlacierIce | d18O | Steig et al. (2013); D. P. Schneider and Steig (2008) |
| [Ant-US-ITASE-2002-4.Steig.2013](https://lipdverse.org/data/8hHE7IDEnhpHOFYGWktB/1_0_6/) | 1.0.6 | -86.5000 | -107.9900 | GlacierIce | d18O | Steig et al. (2013); D. P. Schneider and Steig (2008) |
| [Ant-VLG.Bertler.2011](https://lipdverse.org/data/3TCYwcnXRMC5VONBV8TY/1_0_3/) | 1.0.3 | -77.3302 | 162.5332 | GlacierIce | dD | Bertler, Mayewski, and Carter (2011b); Shapley, Ito, and Donovan (2009); Bertler, Mayewski, and Carter (2011a) |
| [Ant-Vostok.Ekaykin.2014](https://lipdverse.org/data/X9S08kDpBOHAgvgJYmzW/1_0_6/) | 1.0.6 | -78.2785 | 104.8005 | GlacierIce | dD | Ekaykin et al. (2014) |
| [Ant-WAIS-Divide.Severinghaus.2012](https://lipdverse.org/data/5oHqINxYpL0XCaLcIjhR/1_0_4/) | 1.0.4 | -79.4630 | -112.1250 | Borehole | borehole | Orsi, Cornuelle, and Severinghaus (2012); Holmes et al. (2010) |
| [Ant-WDC05A.Steig.2013](https://lipdverse.org/data/ALUv7ETq7oKrN8g3SjoV/1_0_3/) | 1.0.3 | -79.4600 | -112.0900 | GlacierIce | d18O | Steig et al. (2013); Wrozyna et al. (2010) |
| [Ant-WDC06A.Steig.2013](https://lipdverse.org/data/zQWmmHjvKPO87uBdWgaM/1_0_3/) | 1.0.3 | -79.4600 | -112.0900 | GlacierIce | d18O, dD | Steig et al. (2013); Anderson, Finney, and Shapley (2011) |
| [Arc-Agassiz.Vinther.2008](https://lipdverse.org/data/TlyrPuoYdCjvokqD1Jzn/1_0_11/) | 1.0.11 | 80.7000 | -73.1000 | GlacierIce | d18O | Vinther et al. (2008) |
| [Arc-AkademiiNaukIceCap.Opel.2013](https://lipdverse.org/data/N3Lrg8SJa0nUC0wJcaaV/1_0_4/) | 1.0.4 | 80.5200 | 94.8200 | GlacierIce | d18O | Opel, Fritzsche, and Meyer (2013); Tierney et al. (2011) |
| [Arc-Arjeplog.Bjorklund.2014](https://lipdverse.org/data/uBowfOYHKc6TwwmToYRD/1_0_4/) | 1.0.4 | 66.3000 | 18.2000 | Wood | maximum latewood density, reflectance | J. A. Björklund et al. (2014); Steinman et al. (2012) |
| [Arc-Armarnaes.Bjorklund.2012](https://lipdverse.org/data/LbA04p6cSU5eQ64dKO3O/1_0_4/) | 1.0.4 | 65.9000 | 16.1000 | Wood | maximum latewood density | Jesper A. Björklund et al. (2012); Steinman et al. (2012) |
| [Arc-Austfonna.Isaksson.2005](https://lipdverse.org/data/aPKt7F5ERO3rkkgo0EJW/1_0_6/) | 1.0.6 | 79.8300 | 24.0200 | GlacierIce | d18O | Isaksson et al. (2005b); Isaksson et al. (2005a) |
| [Arc-Avam-Taimyr.Briffa.2008](https://lipdverse.org/data/gtgRoVX1q84Urx9SwuLy/1_0_6/) | 1.0.6 | 72.0000 | 101.0000 | Wood | ring width | Keith R. Briffa et al. (2007) |
| [Arc-BigRoundLake.Thomas.2009](https://lipdverse.org/data/70l06eHNVspjC2t3DdDS/1_0_3/) | 1.0.3 | 69.8700 | -68.8300 | LakeSediment | varve thickness | E. K. Thomas and Briner (2008); F. Yuan, Koran, and Valdez (2013) |
| [Arc-BlueLake.Bird.2008](https://lipdverse.org/data/7BM0O9vlEgOZsxLXsCU2/1_0_5/) | 1.0.5 | 68.0900 | -150.4700 | LakeSediment | varve thickness | Bird et al. (2008) |
| [Arc-BrayaSoe.D’Andrea.2011](https://lipdverse.org/data/PjMprPuitlpO84OPvuwr/1_0_4/) | 1.0.4 | 67.0000 | -50.7000 | LakeSediment | alkenone | D’Andrea et al. (2011); Z. Zhang, Leduc, and Sachs (2014) |
| [Arc-CampCentury.Fisher.1969](https://lipdverse.org/data/8ootjd77wH2v9oom2a9c/1_0_3/) | 1.0.3 | 77.1700 | -61.1300 | GlacierIce | d18O | Dansgaard et al. (1969); Dean et al. (2015) |
| [Arc-Crete.Vinther.2010](https://lipdverse.org/data/rcvMOaSBRnRcaHxxJC4C/1_0_3/) | 1.0.3 | 71.1200 | -37.3200 | GlacierIce | d18O | Vinther et al. (2010); Lacey et al. (2014) |
| [Arc-DevonIceCap.Fisher.1983](https://lipdverse.org/data/kJUwUVCsDvqgdg1d0Zn1/1_0_6/) | 1.0.6 | 75.3300 | -82.5000 | GlacierIce | d18O | D. A. Fisher et al. (1983) |
| [Arc-Dye.Vinther.2010](https://lipdverse.org/data/VRDXXchN2XXECSPwZFma/1_0_3/) | 1.0.3 | 65.1800 | -43.8300 | GlacierIce | d18O | Vinther et al. (2010); Shanahan et al. (2015) |
| [Arc-Forfjorddalen.McCarroll.2013](https://lipdverse.org/data/d4n32NY5F36ck2fxETt1/1_0_3/) | 1.0.3 | 68.7300 | 15.7300 | Wood | maximum latewood density | McCarroll et al. (2013); Steinman et al. (2016) |
| [Arc-GISP2.Grootes.1997](https://lipdverse.org/data/pdu5OrYMR5kiboyV2Ozd/1_0_3/) | 1.0.3 | 72.1000 | -38.0800 | GlacierIce | d18O | Grootes and Stuiver (1997a); Steinman et al. (2016); Grootes and Stuiver (1997b) |
| [Arc-GRIP.Vinther.2010](https://lipdverse.org/data/ExOywYn6dUogGOlyPWnd/1_0_6/) | 1.0.6 | 72.5800 | -37.6400 | GlacierIce | d18O | Vinther et al. (2010) |
| [Arc-GulfofAlaska.Wilson.2014](https://lipdverse.org/data/9ckF58PLIjakd6OgfL0e/1_0_3/) | 1.0.3 | 61.0300 | -146.5900 | Wood | ring width | Wiles et al. (2014); E. K. Thomas et al. (2016) |
| [Arc-HalletLake.McKay.2008](https://lipdverse.org/data/wskcNh5wsOfJw4b6sTwA/1_0_4/) | 1.0.4 | 61.5000 | -146.2000 | LakeSediment | BSi | McKay, Kaufman, and Michelutti (2008); Wirth and Sessions (2016) |
| [Arc-HudsonLake.Clegg.2011](https://lipdverse.org/data/mjMcs6jnFiZEoRfI6Tkv/1_0_3/) | 1.0.3 | 61.9000 | -145.6600 | LakeSediment | chironomid | Clegg et al. (2011); Barley et al. (2006); Balascio, Gjerde, and Bakke (2018); Gjerde et al. (2018) |
| [Arc-Hvitarvatn.Larsen.2011](https://lipdverse.org/data/Pl60rKMf9B3sIIOTalyE/1_0_4/) | 1.0.4 | 64.6000 | -19.8000 | LakeSediment | varve thickness | Larsen et al. (2011); Lamb, Eicher, and Switsur (1989) |
| [Arc-Iceland.Bergthorsson.1969](https://lipdverse.org/data/2PL5KyY45m4ej9nyCrab/1_0_3/) | 1.0.3 | 64.7700 | -18.3700 | Documents | historical | Bergthorsson (1969); L. V. Benson, Meyers, and Spencer (1991) |
| [Arc-Indigirka.Hughes.1999](https://lipdverse.org/data/XPsThh8NreBJoYV8G98l/1_0_5/) | 1.0.5 | 69.5000 | 147.0000 | Wood | ring width | Hughes et al. (1999) |
| [Arc-Jamtland.Wilson.2016](https://lipdverse.org/data/naPM2cYchOSPy6zfDWU2/1_0_3/) | 1.0.3 | 63.2475 | 13.3375 | Wood | maximum latewood density | Peng Zhang et al. (2016); Pahnke et al. (2007) |
| [Arc-Kittelfjall.Bjorklund.2012](https://lipdverse.org/data/Hcx37PjyKthGbEWPJdpi/1_0_7/) | 1.0.7 | 65.2000 | 15.5000 | Wood | maximum latewood density | Jesper A. Björklund et al. (2012) |
| [Arc-Kongressvatnet.D’Andrea.2012](https://lipdverse.org/data/pwY7bQRstXsZc6iOpgRI/1_0_6/) | 1.0.6 | 78.0217 | 13.9311 | LakeSediment | alkenone | Vaillencourt et al. (2012) |
| [Arc-Laanila.Lindholm.2013](https://lipdverse.org/data/IPmiscNlD7F5Jqqx6Aei/1_0_4/) | 1.0.4 | 68.4917 | 27.3333 | Wood | maximum latewood density, ring width | McCarroll et al. (2013); Moreno et al. (2012); Helen V. McGregor et al. (2015) |
| [Arc-Lake4.Rolland.2009](https://lipdverse.org/data/8qzTrA1MYB0AJmBhkCCn/1_0_3/) | 1.0.3 | 65.1000 | -83.7900 | LakeSediment | chironomid | Rolland et al. (2009); Gibbons et al. (2014) |
| [Arc-LakeC2.Lamoureux.1996](https://lipdverse.org/data/8X1NUuoHCcoDV7QJPMkG/1_0_3/) | 1.0.3 | 82.8300 | -77.9000 | LakeSediment | varve thickness | Lamoureux and Bradley (1996); Mette et al. (2015) |
| [Arc-LakeDonardBaffinIsland.Moore.2001](https://lipdverse.org/data/WFGh0CR2q312tu0xD1kC/1_0_3/) | 1.0.3 | 66.7300 | -61.3500 | LakeSediment | varve thickness | Moore et al. (2001); Carr’e et al. (2018) |
| [Arc-LakeE.D’Andrea.2011](https://lipdverse.org/data/DQkcrADp1V4f9peLHtiP/1_0_3/) | 1.0.3 | 67.0000 | -50.7000 | LakeSediment | alkenone | D’Andrea et al. (2011); Terwilliger et al. (2013) |
| [Arc-LakeHamptraesk.Luoto.2009](https://lipdverse.org/data/HTeRVgFCHojecfYvn0GA/1_0_4/) | 1.0.4 | 60.2800 | 25.4200 | LakeSediment | chironomid | Luoto et al. (2009); Terwilliger et al. (2013) |
| [Arc-LakeLehmilampi.Haltia-Hovi.2007](https://lipdverse.org/data/dKbblCGOctBhRUpiKNGv/1_0_3/) | 1.0.3 | 63.6200 | 29.1000 | LakeSediment | varve thickness | HALTIAHOVI, SAARINEN, and KUKKONEN (2007); Bar-Matthews et al. (2003); Bar-Matthews, Ayalon, and Kaufman (1997) |
| [Arc-LakeNataujaervi.Ojala.2005](https://lipdverse.org/data/5g2N2aJv0elpA0QBEsFx/1_0_4/) | 1.0.4 | 61.8100 | 24.6800 | LakeSediment | varve thickness | Ojala and Alenius (2005); Denniston, Gonz’alez, Baker, et al. (1999) |
| [Arc-LakePieni-Kauro.Luoto.2010](https://lipdverse.org/data/xF4jXcZrwuT6igs4u2CW/1_0_3/) | 1.0.3 | 64.2800 | 30.1200 | LakeSediment | chironomid | Luoto and Helama (2010); D. Yuan et al. (2004) |
| [Arc-LenaRiver.McDonald.1998](https://lipdverse.org/data/U54OtzAuPsBSgtgBlJrd/1_0_3/) | 1.0.3 | 70.6700 | 125.8700 | Wood | ring width | MacDonald, Case, and Szeicz (1998); Cruz et al. (2005) |
| [Arc-Lomonosovfonna.Divine.2011](https://lipdverse.org/data/zAl9lCfyWbHgYyyew1av/1_0_9/) | 1.0.9 | 78.8647 | 17.4250 | GlacierIce | d18O | Divine et al. (2011) |
| [Arc-LowerMurrayLake.Cook.2008](https://lipdverse.org/data/rE02uTebnuD7RPT30OiK/1_0_3/) | 1.0.3 | 81.3500 | -69.5300 | LakeSediment | accumulation rate | T. L. Cook et al. (2008); Drysdale et al. (2006) |
| [Arc-MD992275.Jiang.2005](https://lipdverse.org/data/WvppjTAAZVpfIOwPoSLM/1_0_3/) | 1.0.3 | 66.5500 | -17.7000 | MarineSediment | diatom | Jiang et al. (2005); Asmerom et al. (2007) |
| [Arc-MackenzieDelta.Porter.2013](https://lipdverse.org/data/1dm5Vr6HP8xtMlcAQPSr/1_0_3/) | 1.0.3 | 68.6250 | -133.8700 | Wood | ring width, d18O | Porter, Pisaric, Kokelj, et al. (2013b); Porter, Pisaric, Field, et al. (2013); Dykoski et al. (2005); Porter, Pisaric, Kokelj, et al. (2013a) |
| [Arc-MooseLake.Clegg.2010](https://lipdverse.org/data/MD6jkgwSxsq0oilgYUjM/1_0_3/) | 1.0.3 | 61.3500 | -143.6000 | LakeSediment | chironomid | Clegg et al. (2010); Denniston et al. (2007) |
| [Arc-NGRIP1.Vinther.2006](https://lipdverse.org/data/n7igHZJHA3NRMh10liqx/1_0_3/) | 1.0.3 | 75.1000 | -42.3200 | GlacierIce | d18O | Vinther et al. (2006); Dominik Fleitmann et al. (2004) |
| [Arc-NGTB16.Schwager.1998](https://lipdverse.org/data/jo0iTvtK3NW08BHJoWQ5/1_0_3/) | 1.0.3 | 73.9400 | -37.6300 | GlacierIce | d18O | Fischer et al. (1998); X. Wang et al. (2007) |
| [Arc-NGTB18.Schwager.1998](https://lipdverse.org/data/Nzs0wtIZKGyJ3r5f5CE9/1_0_6/) | 1.0.6 | 76.6200 | -36.4000 | GlacierIce | d18O | Fischer et al. (1998) |
| [Arc-NGTB21.Schwager.1998](https://lipdverse.org/data/a6WlR0GjKxYgiCUOU027/1_0_3/) | 1.0.3 | 80.0000 | -41.1400 | GlacierIce | d18O | Fischer et al. (1998); Hu et al. (2008) |
| [Arc-PennyIceCapP96.Fisher.1998](https://lipdverse.org/data/pDMXNZOQI8jgS1m8dQTL/1_0_3/) | 1.0.3 | 67.2500 | -66.7500 | GlacierIce | d18O | David A. Fisher et al. (1998); Springer et al. (2008) |
| [Arc-PennyIceCapP96.Okuyama.2003](https://lipdverse.org/data/wh5A8sjlzKcSTl4LiVcK/1_0_3/) | 1.0.3 | 67.2500 | -65.7500 | GlacierIce | ice melt | Okuyama et al. (2003); van Breukelen et al. (2008) |
| [Arc-PolarUrals.Wilson.2015](https://lipdverse.org/data/ED40uEJ0zLZCL4qk0FHu/1_0_3/) | 1.0.3 | 66.9000 | 65.6000 | Wood | ring width | L. Schneider et al. (2015a); Pingzhong Zhang et al. (2008); L. Schneider et al. (2015b) |
| [Arc-PrinceOfWales.Kinnard.2011](https://lipdverse.org/data/PE15i79cXnh9rP8flv99/1_0_3/) | 1.0.3 | 78.4000 | -80.4000 | GlacierIce | d18O | Kinnard et al. (2011); D. Fleitmann et al. (2009) |
| [Arc-Renland.Vinther.2008](https://lipdverse.org/data/V1cK1scZqAQSpNMGThvY/1_0_3/) | 1.0.3 | 71.2700 | -26.7300 | GlacierIce | d18O | Vinther et al. (2008); Griffiths et al. (2009) |
| [Arc-ScreamingLynxLake.Clegg.2011](https://lipdverse.org/data/IkvGsz6zCWQRShxRYGYR/1_0_6/) | 1.0.6 | 66.0700 | -145.4000 | LakeSediment | chironomid | Clegg et al. (2011); Barley et al. (2006) |
| [Arc-SoperLake.Hughen.2000](https://lipdverse.org/data/ltv2vXPFXn0q2dal7XYz/1_0_3/) | 1.0.3 | 62.9170 | -69.8830 | LakeSediment | varve thickness | Hughen, Overpeck, and Anderson (2000); Berkelhammer et al. (2010) |
| [Arc-StoreggaSlide.Sejrup.2011](https://lipdverse.org/data/d1vWzbB67BLNhZbFsyiD/1_0_6/) | 1.0.6 | 63.7600 | 5.2600 | MarineSediment | d18O | Sejrup, Haflidason, and Andrews (2011) |
| [Arc-Tjeggelvas.Bjorklund.2012](https://lipdverse.org/data/OnJ2TPrRa6UQH89FQj0X/1_0_7/) | 1.0.7 | 66.6000 | 17.6000 | Wood | maximum latewood density | Jesper A. Björklund et al. (2012) |
| [Arc-Tornetrask.Melvin.2012](https://lipdverse.org/data/xit6EH82ucwvp32Kgglr/1_0_11/) | 1.0.11 | 68.2600 | 19.6000 | Wood | ring width, maximum latewood density | Melvin, Grudd, and Briffa (2012) |
| [Arc-VoeringPlateau.Berner.2011](https://lipdverse.org/data/DH2SktnaorhletpYb17p/1_0_4/) | 1.0.4 | 66.9700 | 7.6400 | MarineSediment | diatom | Berner et al. (2011); Medina-Elizalde et al. (2010) |
| [Arc-WindyDome.Henderson.2011](https://lipdverse.org/data/TnprEFSEbjzQ8NIQ6Rkr/1_0_6/) | 1.0.6 | 80.7830 | 65.6300 | GlacierIce | ice melt, d18O | Kinnard et al. (2011) |
| [Arc-Yamalia.Briffa.2013](https://lipdverse.org/data/zZwmPpxTmeWkSCwx5S1f/1_0_6/) | 1.0.6 | 66.8000 | 68.0000 | Wood | ring width | Keith R. Briffa et al. (2013) |
| [Arc-Yukon.D’Arrigo.2006](https://lipdverse.org/data/35veNf5wcYG93nqzJWCY/1_0_3/) | 1.0.3 | 67.9000 | -140.7000 | Wood | ring width | Wilson and Jacoby (2006b); Bernal et al. (2011); Wilson and Jacoby (2006a) |
| [Asi-AltaiAktru.Cook.2005](https://lipdverse.org/data/lgsBVpksbCmwTBMvqtZ9/1_0_3/) | 1.0.3 | 50.0800 | 87.7700 | Wood | ring width | Irina P. Panyushkina, Ovtchinnikov, and Adamenko (2005); Boch and Spötl (2011) |
| [Asi-AltaiDjasator.Cook.2011](https://lipdverse.org/data/UTLg03AxzfU2L09bHQ7Z/1_0_6/) | 1.0.6 | 49.6200 | 88.1000 | Wood | ring width | Magda et al. (2011) |
| [Asi-AltaiJablonsky.Cook.2000](https://lipdverse.org/data/MtptjteRRkf0wtoamJUk/1_0_3/) | 1.0.3 | 50.8700 | 85.2300 | Wood | ring width | Ovtchinnikov, Adamenko, and Panyushkina (2000); Cai et al. (2012) |
| [Asi-AltaiKorumdu.Cook.2005](https://lipdverse.org/data/uAF8Z2L1cSQFjCaILtRY/1_0_3/) | 1.0.3 | 50.1400 | 87.7200 | Wood | ring width | Irina P. Panyushkina, Ovtchinnikov, and Adamenko (2005); Edward R. Cook et al. (2012); Ersek et al. (2012) |
| [Asi-AltaiKuraisky.Cook.2011](https://lipdverse.org/data/6bDCv0J4KJleoMXOsZQN/1_0_6/) | 1.0.6 | 50.3000 | 87.8300 | Wood | ring width | Magda et al. (2011); Edward R. Cook et al. (2012) |
| [Asi-AltaiKuraiskySteppe.Cook.2011](https://lipdverse.org/data/cNLyUqyQ6z3oyZwg8O9w/1_0_3/) | 1.0.3 | 50.2700 | 87.8300 | Wood | ring width | Magda et al. (2011); Edward R. Cook et al. (2012); Kennett et al. (2012) |
| [Asi-AltaiSamakhaSteppe.Cook.2011](https://lipdverse.org/data/knmeVbFB4qIVAhd3uYBk/1_0_3/) | 1.0.3 | 49.7200 | 87.2800 | Wood | ring width | Magda et al. (2011); Edward R. Cook et al. (2012); Lachniet et al. (2012) |
| [Asi-AltaiTjute.Cook.2011](https://lipdverse.org/data/IRAxAZ8Jz3fQ1FvTO51s/1_0_3/) | 1.0.3 | 50.1200 | 87.9200 | Wood | ring width | Magda et al. (2011); Novello et al. (2012) |
| [Asi-AltaiUlaganValley.Cook.2011](https://lipdverse.org/data/H5i7wUA7EaiYcPx4C8pz/1_0_3/) | 1.0.3 | 50.6800 | 87.9700 | Wood | ring width | Magda et al. (2011); Asmerom et al. (2013) |
| [Asi-AltaiUstUlaganLake.Cook.2005](https://lipdverse.org/data/QGAtmIaZ3ySiboo6zmSE/1_0_3/) | 1.0.3 | 50.4800 | 87.6700 | Wood | ring width | Irina P. Panyushkina, Ovtchinnikov, and Adamenko (2005); Ayliffe et al. (2013) |
| [Asi-BARELC.PAGES2k.2013](https://lipdverse.org/data/IiA0Giws3HUOkvuqbceh/1_0_3/) | 1.0.3 | 33.7500 | 107.8000 | Wood | ring width | Edward R. Cook et al. (2012); Cheng et al. (2013) |
| [Asi-BHUTSP.PAGES2k.2013](https://lipdverse.org/data/7gvUnsQyEwMUTzJaSlCQ/1_0_3/) | 1.0.3 | 27.4500 | 90.0000 | Wood | ring width | Edward R. Cook et al. (2012); L. C. Kanner et al. (2013); L. Kanner (2013) |
| [Asi-BHUTTD.PAGES2k.2013](https://lipdverse.org/data/U41Q0UQoRgf1Q7Kz1Ykn/1_0_3/) | 1.0.3 | 27.6700 | 90.7200 | Wood | ring width | Edward R. Cook et al. (2012); Lachniet et al. (2004) |
| [Asi-BT001.Cook.2010](https://lipdverse.org/data/Kov2Civ8jqq8yzmBCRgZ/1_0_3/) | 1.0.3 | 27.5800 | 90.6500 | Wood | ring width | Edward R. Cook et al. (2010); McCabe-Glynn et al. (2013) |
| [Asi-BT002.Cook.2010](https://lipdverse.org/data/NzmmtG8TUCVBrvJcxOMW/1_0_3/) | 1.0.3 | 27.6700 | 90.7300 | Wood | ring width | Edward R. Cook et al. (2010); Partin et al. (2013) |
| [Asi-BT003.Cook.2010](https://lipdverse.org/data/wfE0WbwBPwNmhOGemcBN/1_0_3/) | 1.0.3 | 27.7000 | 90.7700 | Wood | ring width | Edward R. Cook et al. (2010); Sletten et al. (2013) |
| [Asi-BT004.Cook.2010](https://lipdverse.org/data/m4qoHMA78euPnGBSGjSU/1_0_6/) | 1.0.6 | 27.7000 | 90.6800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-BT005.Cook.2010](https://lipdverse.org/data/ZRmxHoK8ea5Yl9Ydxc7Y/1_0_3/) | 1.0.3 | 27.4500 | 90.1500 | Wood | ring width | Edward R. Cook et al. (2010); Apa’estegui et al. (2014) |
| [Asi-BT006.Cook.2010](https://lipdverse.org/data/j1nx25F13ZfcfFC7LPt0/1_0_3/) | 1.0.3 | 27.6300 | 90.1300 | Wood | ring width | Edward R. Cook et al. (2010); Ku and Li (1998) |
| [Asi-BT008.Cook.2010](https://lipdverse.org/data/QihwaMwPFByFj1QACQD5/1_0_3/) | 1.0.3 | 27.5800 | 90.6500 | Wood | ring width | Edward R. Cook et al. (2010); Denniston, Gonz’alez, Asmerom, et al. (1999) |
| [Asi-BT009.Cook.2010](https://lipdverse.org/data/gK2v3WXKPJ8Pa4jtd9eo/1_0_6/) | 1.0.6 | 27.4200 | 90.9700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-BT010.Cook.2010](https://lipdverse.org/data/46e4f43DPCjxYxAkYi1y/1_0_6/) | 1.0.6 | 27.2500 | 89.3800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-BT011.Cook.2010](https://lipdverse.org/data/Ytu7X3xtHaedHjGElrgr/1_0_6/) | 1.0.6 | 27.4500 | 90.1500 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-BT018.Cook.2010](https://lipdverse.org/data/Fhfn35O1nkV7azcTuOlF/1_0_5/) | 1.0.5 | 27.9500 | 89.7500 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-BURGPW.PAGES2k.2013](https://lipdverse.org/data/9p2uIXyemrttLQzXWRMa/1_0_5/) | 1.0.5 | 28.7700 | 83.7300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CENTIB.PAGES2k.2013](https://lipdverse.org/data/9SMB10SCoaV3lWhSItIK/1_0_5/) | 1.0.5 | 29.3500 | 92.0000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN004.Wu.2013](https://lipdverse.org/data/vIhHnzXrt8wqdUIj3Ozn/1_0_5/) | 1.0.5 | 34.4800 | 110.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN005.Sheppard.2013](https://lipdverse.org/data/Sd2bBlntJQFkhJZ6gOPn/1_0_5/) | 1.0.5 | 37.0000 | 98.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN006.Sheppard.2013](https://lipdverse.org/data/aO4pVTNX4OEB2iGj8FnM/1_0_5/) | 1.0.5 | 36.3000 | 98.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN016.Li.2010](https://lipdverse.org/data/uf9sQySwz05ZlgM4aoCs/1_0_5/) | 1.0.5 | 31.7800 | 101.9200 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN017.Li.2010](https://lipdverse.org/data/Zjfja9KEqN7GMoFreJvL/1_0_5/) | 1.0.5 | 28.9000 | 99.7500 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN018.Li.2010](https://lipdverse.org/data/xKQPJ1LCqT32TSJOln3q/1_0_5/) | 1.0.5 | 29.2800 | 100.0800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN019.Li.2010](https://lipdverse.org/data/4vwbAqnBgjvHsbbp2loD/1_0_5/) | 1.0.5 | 29.1500 | 99.9300 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN020.Li.2010](https://lipdverse.org/data/OqE4XtSl3oMUyrQR9S5d/1_0_5/) | 1.0.5 | 30.2300 | 100.2700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN021.Li.2010](https://lipdverse.org/data/K9nwScT3zDJ81aCuHtc1/1_0_5/) | 1.0.5 | 28.9800 | 99.9300 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN026.Wright.2010](https://lipdverse.org/data/byUSUGcmgTAdS61SpCx3/1_0_5/) | 1.0.5 | 27.6200 | 99.8000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN029.Krusic.2010](https://lipdverse.org/data/6zx1i7KiEuC1es9k6Alz/1_0_5/) | 1.0.5 | 43.8500 | 93.3000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-CHIN037.Fan.2013](https://lipdverse.org/data/7gXQNLsCKPOup63zngdz/1_0_5/) | 1.0.5 | 27.5800 | 99.3500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN038.Fan.2013](https://lipdverse.org/data/igw5TVCa8UJj4HfY4GO3/1_0_5/) | 1.0.5 | 27.5800 | 99.2800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN039.Fan.2013](https://lipdverse.org/data/ZeSN3Hj6V05Iz7aIbmY1/1_0_5/) | 1.0.5 | 28.0300 | 99.0200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN040.Fan.2013](https://lipdverse.org/data/9RQLgiOAFDuV9rfC381r/1_0_5/) | 1.0.5 | 28.0300 | 98.9800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN041.Fan.2013](https://lipdverse.org/data/kj6nbC8yEVSow4NkEV5h/1_0_5/) | 1.0.5 | 27.8800 | 98.4000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN042.Brauning.2013](https://lipdverse.org/data/lCGTfnbkcEZiV2iQGyCI/1_0_5/) | 1.0.5 | 31.9500 | 98.8700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN043.Brauning.2013](https://lipdverse.org/data/lF4Ce50axZlsjxhEhUkX/1_0_5/) | 1.0.5 | 29.3000 | 91.9700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN044.Brauning.2013](https://lipdverse.org/data/jbEpzhA2nAXwBLBTy4vS/1_0_5/) | 1.0.5 | 29.0700 | 93.9500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN045.Brauning.2013](https://lipdverse.org/data/P2ATo9qKPe7tlIGx4BBT/1_0_5/) | 1.0.5 | 29.6200 | 94.6700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN046.Brauning.2013](https://lipdverse.org/data/AP6DANmTEzW4IQPq1vkQ/1_0_5/) | 1.0.5 | 31.1200 | 97.0300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN047.Brauning.2013](https://lipdverse.org/data/X5K4lSwFWsEqrwAkhf4Y/1_0_5/) | 1.0.5 | 31.1200 | 97.0300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN048.Brauning.2013](https://lipdverse.org/data/iCkX0Leqkt1XCGg1QGsp/1_0_5/) | 1.0.5 | 30.3000 | 91.5200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN049.Brauning.2013](https://lipdverse.org/data/Lv3eHeBySIJWrzYdMRUH/1_0_5/) | 1.0.5 | 31.2300 | 96.4800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN050.Shao.2013](https://lipdverse.org/data/IcGT4zLvFBP1zEomEZHG/1_0_5/) | 1.0.5 | 37.4700 | 97.2300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN051.Shao.2013](https://lipdverse.org/data/wYWqpNoYImGva1LpfZfM/1_0_5/) | 1.0.5 | 37.4700 | 97.2200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN052.Shao.2013](https://lipdverse.org/data/0lYFVeMtcJIN5BWHsepW/1_0_5/) | 1.0.5 | 37.4500 | 97.5300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN053.Shao.2013](https://lipdverse.org/data/idS6x23yzgIwbdTaVdTq/1_0_5/) | 1.0.5 | 37.4300 | 98.0500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN054.Shao.2013](https://lipdverse.org/data/cFeLPz97nLGwEi1WWLKe/1_0_5/) | 1.0.5 | 37.4500 | 97.7800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN055.Shao.2013](https://lipdverse.org/data/nAR1xPpTJB9bQpaKrBun/1_0_5/) | 1.0.5 | 37.5200 | 97.0500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN056.Shao.2013](https://lipdverse.org/data/RMjgGIQ6kNEwi9UsgyuH/1_0_5/) | 1.0.5 | 34.4700 | 110.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN057.Shao.2013](https://lipdverse.org/data/uN2x0Xig2hDsOBmKywza/1_0_5/) | 1.0.5 | 34.4700 | 110.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN058.Shao.2013](https://lipdverse.org/data/vwselhj5CnybGwwuKnt4/1_0_5/) | 1.0.5 | 34.4700 | 110.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN059.Shao.2013](https://lipdverse.org/data/mwNoCZyrz2JCDmYcKhm1/1_0_5/) | 1.0.5 | 33.8000 | 96.1300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN060.Shao.2013](https://lipdverse.org/data/0jq8riIobvRZQnR8Q4Xe/1_0_5/) | 1.0.5 | 37.3200 | 98.4000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN061.Shao.2013](https://lipdverse.org/data/gYoXPGluUDGX11TqVd8o/1_0_5/) | 1.0.5 | 37.0300 | 98.6300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN062.Shao.2013](https://lipdverse.org/data/Dv2aYqVYvxIj2boLgSMl/1_0_5/) | 1.0.5 | 37.0300 | 98.6700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN063.Shao.2013](https://lipdverse.org/data/7uiI1gBajY4MBT4RH8oe/1_0_5/) | 1.0.5 | 36.7500 | 98.2200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN064.Shao.2013](https://lipdverse.org/data/qTzNNXNHJjWg3mXdi5iU/1_0_5/) | 1.0.5 | 36.6800 | 98.4200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN065.Shao.2013](https://lipdverse.org/data/4w6zvok8stwkGHdlrObH/1_0_5/) | 1.0.5 | 32.6700 | 95.7200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CHIN066.Shao.2013](https://lipdverse.org/data/g7xYuOGECMjKUTbb0kG6/1_0_5/) | 1.0.5 | 33.7200 | 96.2800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-CentralChina.Wang.1998](https://lipdverse.org/data/Xonsu2MORPpsHAEeI0TJ/1_0_5/) | 1.0.5 | 29.0000 | 113.0000 | Documents | historical | S. W. Wang, Ye, and Gong (1998) |
| [Asi-DEZQIN.PAGES2k.2013](https://lipdverse.org/data/t1fpAotEDgW847OKYeXK/1_0_5/) | 1.0.5 | 34.7500 | 100.8200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-DQHZHO.PAGES2k.2013](https://lipdverse.org/data/UMi4YzkXoReursf6sIIu/1_0_5/) | 1.0.5 | 35.0000 | 100.0700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-DUSHJP.PAGES2k.2013](https://lipdverse.org/data/8MnwPwkzPfCPaY3RKXq1/1_0_5/) | 1.0.5 | 36.6500 | 98.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-Dasuopu.Thompson.2000](https://lipdverse.org/data/O1hYG7cGqeOY3Al4sm3a/1_0_6/) | 1.0.6 | 28.3800 | 85.7200 | GlacierIce | d18O | L. G. Thompson et al. (2000) |
| [Asi-ENEPAB.PAGES2k.2013](https://lipdverse.org/data/1dYIzVrusmDrkqqYzdiO/1_0_5/) | 1.0.5 | 27.7300 | 87.2000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-ESPERG.PAGES2k.2013](https://lipdverse.org/data/JKjse5o67oW1dMhaKwAK/1_0_5/) | 1.0.5 | 40.1700 | 72.5800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-ESPPAK.PAGES2k.2013](https://lipdverse.org/data/oqTSw7Op6mD3PZ5xTpyv/1_0_5/) | 1.0.5 | 35.1700 | 75.5000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-EastChina.Wang.1990](https://lipdverse.org/data/egOjLgX5aWsr3CUTflig/1_0_5/) | 1.0.5 | 30.0000 | 117.5000 | Documents | historical | S. Wang and Wang (1990) |
| [Asi-EastChina.Wang.1998](https://lipdverse.org/data/Hyt95q6NgfQmcfSV8Q0h/1_0_5/) | 1.0.5 | 34.0000 | 120.0000 | Documents | historical | S. W. Wang, Ye, and Gong (1998) |
| [Asi-Fujian.Wang.1998](https://lipdverse.org/data/D7RDPMjtWnIRipVaeoik/1_0_5/) | 1.0.5 | 24.0000 | 121.0000 | Documents | historical | S. W. Wang, Ye, and Gong (1998) |
| [Asi-GANGCD.PAGES2k.2013](https://lipdverse.org/data/YuVgrDFZYMJDTKuNcJ58/1_0_5/) | 1.0.5 | 30.9800 | 78.9300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-GHEGAN.PAGES2k.2013](https://lipdverse.org/data/Y6t47evqGoaqeu0z4zZl/1_0_5/) | 1.0.5 | 37.9300 | 101.5300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-GOUQIN.PAGES2k.2013](https://lipdverse.org/data/g07OAJJUrdd3QcKOybXm/1_0_5/) | 1.0.5 | 34.7300 | 100.8000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-Guangdong.Zheng.1982](https://lipdverse.org/data/ShBdnPWeXzkK9sp0XrZY/1_0_5/) | 1.0.5 | 23.1600 | 113.2300 | Documents | historical | Zheng (1982) |
| [Asi-GuangdongAndGuangxi.Zhang.1980](https://lipdverse.org/data/sB4JfLnWzJuYQE4PUWhF/1_0_5/) | 1.0.5 | 23.5000 | 112.5000 | Documents | historical | D. E. Zhang (1980) |
| [Asi-Guliya.Thompson.1997](https://lipdverse.org/data/ogl6BoJzymVkkpbPjyyW/1_0_6/) | 1.0.6 | 35.2800 | 81.4800 | GlacierIce | d18O | L. G. Thompson et al. (1997) |
| [Asi-HBHXJP.PAGES2k.2013](https://lipdverse.org/data/5PncfsFwAL0fxKr1g6VK/1_0_5/) | 1.0.5 | 34.7800 | 100.8200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HBLXJP.PAGES2k.2013](https://lipdverse.org/data/TXJLoKYeGvCr1De7qogx/1_0_5/) | 1.0.5 | 34.7800 | 100.8200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HBMXJP.PAGES2k.2013](https://lipdverse.org/data/bhxYU0OoPSxlaVX9KItI/1_0_5/) | 1.0.5 | 34.7800 | 100.8200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HEBQIN.PAGES2k.2013](https://lipdverse.org/data/ZepJ6IPamTi286WX4pdd/1_0_5/) | 1.0.5 | 34.7300 | 100.7800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HRPCSM.PAGES2k.2013](https://lipdverse.org/data/BE5CrfPdvgKHnJYBf4aI/1_0_5/) | 1.0.5 | 35.8800 | 74.8800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HXBURU.PAGES2k.2013](https://lipdverse.org/data/fk3sy22nNueGVimDYFFJ/1_0_5/) | 1.0.5 | 43.1800 | 87.1800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-HYGJUP.PAGES2k.2013](https://lipdverse.org/data/YPryxw1KB7jfDUZSkLHQ/1_0_5/) | 1.0.5 | 38.7000 | 99.6800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-Hunan-Jiangsu.Zhang.1980](https://lipdverse.org/data/bae9ocLumgwEoppX0fif/1_0_5/) | 1.0.5 | 28.0000 | 116.5000 | Documents | historical | D. (1980) |
| [Asi-Hushre.PAGES2k.2013](https://lipdverse.org/data/Y3gf5E5h4kwIMkh2gGqq/1_0_5/) | 1.0.5 | 46.7800 | 101.9500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-INDI015.Borgaonkar.2013](https://lipdverse.org/data/GVLzHR1v0CzE09viK5na/1_0_5/) | 1.0.5 | 31.2000 | 77.2300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-INDI024.Borgaonkar.2013](https://lipdverse.org/data/2M6vJt0pkYfPs9VSfhGc/1_0_5/) | 1.0.5 | 31.3700 | 78.1700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-INDI025.Borgaonkar.2013](https://lipdverse.org/data/8WIE55yJgMmrY4Zsz1U5/1_0_5/) | 1.0.5 | 10.1800 | 76.8700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-INDO005.D’Arrigo.2010](https://lipdverse.org/data/pwowtzE0YFcSms7Tz3bB/1_0_5/) | 1.0.5 | -5.5000 | 122.8000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-JAPA012.Yasue.1997](https://lipdverse.org/data/8DPoLepJNE3wXY4SJa5b/1_0_5/) | 1.0.5 | 44.9500 | 142.1200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA013.Yasue.1997](https://lipdverse.org/data/bzBZmoCvUpIKjSiAXcHr/1_0_5/) | 1.0.5 | 44.3500 | 142.1800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA014.Yasue.2013](https://lipdverse.org/data/w1x6ja9IhMhBevfIsvg6/1_0_5/) | 1.0.5 | 43.5000 | 143.2000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA015.Yasue.2013](https://lipdverse.org/data/RAoqC9ue8Dm8YS5d9rBV/1_0_5/) | 1.0.5 | 43.2200 | 145.4700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA016.Yasue.2013](https://lipdverse.org/data/B6CWMuvNNyz0QeD0CgXP/1_0_5/) | 1.0.5 | 35.7300 | 138.2200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA017.Yasue.2013](https://lipdverse.org/data/JTu7TYfE68VvvNEoCV61/1_0_5/) | 1.0.5 | 30.3700 | 130.5300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA019.Sano.2013](https://lipdverse.org/data/2IY4Y97HK6WzdodzwEci/1_0_5/) | 1.0.5 | 33.7300 | 133.1200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-JAPA020.Kimura.2013](https://lipdverse.org/data/SeGZNsoI6yUxngyDQtaj/1_0_5/) | 1.0.5 | 30.3300 | 130.5000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KAZ001.Solomina.2010](https://lipdverse.org/data/7CrIR2Bi9kpp3VncVMoY/1_0_5/) | 1.0.5 | 43.3500 | 77.3500 | Wood | ring width | I. P. Panyushkina et al. (2010) |
| [Asi-KERALA.PAGES2k.2013](https://lipdverse.org/data/1kbdSTZ9l3kQs3StoVtS/1_0_5/) | 1.0.5 | 10.0000 | 76.6700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG002.Esper.2007](https://lipdverse.org/data/NRu3zkQm9Wpmko1gPbhs/1_0_6/) | 1.0.6 | 40.1700 | 72.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-KYRG003.Esper.2007](https://lipdverse.org/data/K8isGIt6nQSpFE4vPrwj/1_0_6/) | 1.0.6 | 40.1700 | 72.5800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-KYRG004.Esper.2007](https://lipdverse.org/data/IOxT45xV4Ld3mDghSZKm/1_0_6/) | 1.0.6 | 40.1700 | 72.5800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-KYRG005.Esper.2007](https://lipdverse.org/data/y18mvIWOT64LYUYojwkd/1_0_6/) | 1.0.6 | 40.1700 | 72.5800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-KYRG007.Esper.2007](https://lipdverse.org/data/aDmMeKKdpS9a0VXuqxN7/1_0_6/) | 1.0.6 | 40.1700 | 72.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-KYRG008.Shiyatov.2013](https://lipdverse.org/data/FL4Imj2nLengSCZeBCPW/1_0_5/) | 1.0.5 | 40.2000 | 72.5800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG009.Shiyatov.2013](https://lipdverse.org/data/6QNelUlU5KMdjfhPYjFg/1_0_5/) | 1.0.5 | 39.9200 | 71.4700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG010.Shiyatov.2013](https://lipdverse.org/data/CmV5QDNMiwWEEjFBn4XD/1_0_5/) | 1.0.5 | 40.1700 | 72.6200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG011.Shiyatov.2013](https://lipdverse.org/data/MgwNk5olNXVH7VMzR7g5/1_0_5/) | 1.0.5 | 39.8300 | 71.5000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG012.Solomina.2013](https://lipdverse.org/data/GzbLnmRjeGi3RRDDsEAM/1_0_5/) | 1.0.5 | 42.2000 | 79.0500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG013.Solomina.2013](https://lipdverse.org/data/PmBcVJGFaUGVM08G5KVV/1_0_5/) | 1.0.5 | 42.1500 | 79.4700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG014.Solomina.2013](https://lipdverse.org/data/jUVn2bEiK9f3zuVYo6wg/1_0_5/) | 1.0.5 | 42.4200 | 78.9700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KYRG015.Solomina.2013](https://lipdverse.org/data/YxYBf9XC7Yb860kOEXQo/1_0_5/) | 1.0.5 | 42.1500 | 79.4500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-KunashirIsland.Demezhko.2009](https://lipdverse.org/data/z7iWxxhclZ83EEiSo0aB/1_0_6/) | 1.0.6 | 43.9550 | 145.7250 | Other | multiproxy | Demezhko and Solomina (2009) |
| [Asi-LAJQIN.PAGES2k.2013](https://lipdverse.org/data/H7V9per4vpW3woYJfZQG/1_0_5/) | 1.0.5 | 34.7200 | 100.7200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-LowerYangtzeRiver.Zhang.1980](https://lipdverse.org/data/balZRdaNANU9zB0uh9kM/1_0_5/) | 1.0.5 | 32.1000 | 118.8000 | Documents | historical | D. (1980) |
| [Asi-MCCHFH.Sano.2008](https://lipdverse.org/data/7OsBCCLVE5c4XOCII2Xh/1_0_5/) | 1.0.5 | 21.6700 | 104.1000 | Wood | ring width | Masaki Sano, Buckley, and Sweda (2008) |
| [Asi-MONG002.Jacoby.2013](https://lipdverse.org/data/HyJec1qE7ESWd7ujsmYf/1_0_5/) | 1.0.5 | 47.7700 | 107.0000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG004.Jacoby.2013](https://lipdverse.org/data/tV7IhQV7iCmDEH0wLcqA/1_0_5/) | 1.0.5 | 47.9500 | 107.4500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG006.Jacoby.2006](https://lipdverse.org/data/vHCsItVB8QoYaPvnm5fG/1_0_5/) | 1.0.5 | 47.7800 | 107.5000 | Wood | ring width | N. K. Davi et al. (2006) |
| [Asi-MONG007.Schweingruber.2013](https://lipdverse.org/data/tEiRUO7KXMqJncIJY2Dj/1_0_5/) | 1.0.5 | 49.7000 | 91.5500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG009.Jacoby.2013](https://lipdverse.org/data/LAvagFfBNZAzxR3EZxm8/1_0_5/) | 1.0.5 | 49.9200 | 91.5700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG010.Jacoby.2013](https://lipdverse.org/data/ITjC8I2dpNtQwjcjmtOT/1_0_5/) | 1.0.5 | 47.2700 | 100.0300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG011.Jacoby.2006](https://lipdverse.org/data/03eOxNMUzDCSVIFCSv10/1_0_5/) | 1.0.5 | 48.1300 | 100.2700 | Wood | ring width | N. K. Davi et al. (2006) |
| [Asi-MONG012.Jacoby.2006](https://lipdverse.org/data/AZeU1EoQlYcQI140DSyN/1_0_5/) | 1.0.5 | 48.9800 | 103.2200 | Wood | ring width | N. K. Davi et al. (2006) |
| [Asi-MONG014.Jacoby.2013](https://lipdverse.org/data/1tE42D6yXrssKXRZ0RO1/1_0_5/) | 1.0.5 | 47.4300 | 100.4200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG015.Jacoby.2013](https://lipdverse.org/data/i9PbNavrb8X8I4V6Ws5x/1_0_5/) | 1.0.5 | 48.1700 | 99.8700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MONG016.Jacoby.2010](https://lipdverse.org/data/I3wbJhkh5071MQhf51tP/1_0_5/) | 1.0.5 | 48.6000 | 88.3700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG017.Jacoby.2010](https://lipdverse.org/data/u5hI5TXCHH7TBtuc4Og5/1_0_5/) | 1.0.5 | 49.9700 | 91.0000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG018.Jacoby.2010](https://lipdverse.org/data/3wqstdqDPx1wGnPnqGTj/1_0_5/) | 1.0.5 | 49.9700 | 90.9800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG019.Jacoby.2010](https://lipdverse.org/data/ZqTsW2daCt3UigOHbIR6/1_0_5/) | 1.0.5 | 47.1000 | 90.9700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG020.Jacoby.2010](https://lipdverse.org/data/8uMaCuA2MPwcE1DNr2If/1_0_5/) | 1.0.5 | 48.2700 | 88.8700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG021.Jacoby.2010](https://lipdverse.org/data/PjnwABQvHCXkWyYACqXp/1_0_5/) | 1.0.5 | 48.3500 | 107.4700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG024.Jacoby.2010](https://lipdverse.org/data/ELOH0Ha3IfZ80mI0q31i/1_0_5/) | 1.0.5 | 48.5000 | 88.5000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG025.Jacoby.2010](https://lipdverse.org/data/uk6MUs0oO234lZixr2nu/1_0_5/) | 1.0.5 | 48.7000 | 88.8000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG026.Jacoby.2010](https://lipdverse.org/data/YEiUWzNlrALSq4mn4qjz/1_0_5/) | 1.0.5 | 46.8200 | 100.1200 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG027.Jacoby.2010](https://lipdverse.org/data/dUjWwNMTC4zP0wWzvi7j/1_0_5/) | 1.0.5 | 46.3200 | 101.3200 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG028.Jacoby.2010](https://lipdverse.org/data/AKjsgAMA8FysCBknaNaT/1_0_5/) | 1.0.5 | 48.8300 | 111.6800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG029.Jacoby.2010](https://lipdverse.org/data/551H7FakdiULajYNeoJp/1_0_5/) | 1.0.5 | 49.8700 | 91.4300 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG030.Jacoby.2010](https://lipdverse.org/data/K14PLJlIfsZq0JvVYIg8/1_0_5/) | 1.0.5 | 49.3800 | 94.8800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG031.Jacoby.2010](https://lipdverse.org/data/iEFPEOWatKn8uKKYwVzz/1_0_5/) | 1.0.5 | 48.2500 | 97.4000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG032.Jacoby.2010](https://lipdverse.org/data/64U1CnOFgWJIOF0QafN0/1_0_5/) | 1.0.5 | 46.5200 | 100.9500 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MONG033.Jacoby.2010](https://lipdverse.org/data/Rm0QqAgxw71ArkqiS8ek/1_0_5/) | 1.0.5 | 49.3700 | 94.8800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-MQACJP.PAGES2k.2013](https://lipdverse.org/data/w7gyXcY6cwL4TdKUHyTt/1_0_5/) | 1.0.5 | 35.0700 | 100.3500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MQAXJP.PAGES2k.2013](https://lipdverse.org/data/CXPtXmj3axnTM2Y3fKN1/1_0_5/) | 1.0.5 | 35.0700 | 100.3500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MQBXJP.PAGES2k.2013](https://lipdverse.org/data/GD9lJBa0moexJq35EDDP/1_0_5/) | 1.0.5 | 34.7800 | 99.7800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MQDXJP.PAGES2k.2013](https://lipdverse.org/data/z9ieH73QErggD1IQ6FCG/1_0_5/) | 1.0.5 | 34.7200 | 99.6700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MQFXJP.PAGES2k.2013](https://lipdverse.org/data/31mBz3kv2e9tf9TIJvZd/1_0_5/) | 1.0.5 | 34.7500 | 99.6800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MQRXJP.PAGES2k.2013](https://lipdverse.org/data/hOcUg6i61ruqW4eZ9Ruf/1_0_5/) | 1.0.5 | 34.7500 | 99.6800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MTASMD.Davi.2013](https://lipdverse.org/data/tuj2kR25W74OJlPwsB0X/1_0_5/) | 1.0.5 | 43.7700 | 142.5500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MTASSP.Davi.2013](https://lipdverse.org/data/Vg3jXj770q54oMnZJJfD/1_0_5/) | 1.0.5 | 43.7700 | 142.5500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-MiddleYangtzeRiver.Zhang.1980](https://lipdverse.org/data/4uy0QN4EBlX3NEx9d873/1_0_5/) | 1.0.5 | 30.5000 | 114.5000 | Documents | historical | D. (1980) |
| [Asi-NEPA003.Krusic.2013](https://lipdverse.org/data/ubYHbZ1fG1qjGdPdmCCl/1_0_5/) | 1.0.5 | 29.4800 | 82.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA010.Krusic.2013](https://lipdverse.org/data/Ddt59WDSNCeNhbpkKvHC/1_0_5/) | 1.0.5 | 27.7000 | 86.4500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA014.Krusic.2013](https://lipdverse.org/data/zq7DUsRaMEyMTMS8PJAj/1_0_5/) | 1.0.5 | 27.7000 | 86.2800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA015.Krusic.2013](https://lipdverse.org/data/Gh9Sz9J3NYLp8djsSXui/1_0_5/) | 1.0.5 | 28.3800 | 83.7000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA018.Krusic.2013](https://lipdverse.org/data/ZWOa6ueu14raAhW4vcCT/1_0_5/) | 1.0.5 | 27.7300 | 86.3300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA019.Krusic.2013](https://lipdverse.org/data/3a49ejoHRBvU1Ypm8b3r/1_0_5/) | 1.0.5 | 29.4700 | 82.1200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA021.Krusic.2013](https://lipdverse.org/data/uLf3eyV8DU6lVY5ENWNe/1_0_5/) | 1.0.5 | 27.5000 | 88.0200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA025.Krusic.2013](https://lipdverse.org/data/H0YHjezS0husC8d7ZrHu/1_0_5/) | 1.0.5 | 29.5200 | 82.0300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA027.Krusic.2013](https://lipdverse.org/data/LdI5WbNehxNaigjUwKjh/1_0_5/) | 1.0.5 | 27.5000 | 87.9800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA029.Krusic.2013](https://lipdverse.org/data/Lewlek5yN3RbaWwhzlVu/1_0_5/) | 1.0.5 | 28.1800 | 85.4300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA030.Krusic.2013](https://lipdverse.org/data/X4CYJlOVa4LdS3QqVTMB/1_0_5/) | 1.0.5 | 27.7800 | 87.2700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA032.Krusic.2013](https://lipdverse.org/data/U2xmCm4GC3Bq8Q4MwLjk/1_0_5/) | 1.0.5 | 27.6700 | 87.2000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA036.Krusic.2013](https://lipdverse.org/data/EI3zmahXZj7BQJ3Mt35n/1_0_5/) | 1.0.5 | 27.7300 | 87.2000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-NEPA042.Krusic.2010](https://lipdverse.org/data/MRWqALpwtfi6abJ82mWe/1_0_5/) | 1.0.5 | 27.8300 | 88.0200 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-NOGSAK.PAGES2k.2013](https://lipdverse.org/data/ACo3h4GFVG50ekrKtx0F/1_0_5/) | 1.0.5 | 51.8300 | 143.1300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI001.Esper.2007](https://lipdverse.org/data/SZwkJSGnTyuHh8sOKSUA/1_0_6/) | 1.0.6 | 36.0300 | 74.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-PAKI002.Esper.2007](https://lipdverse.org/data/KRxIsRfmVZl7GM3ITIEk/1_0_6/) | 1.0.6 | 36.0300 | 74.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-PAKI003.Esper.2007](https://lipdverse.org/data/TUj8FyQp9gmydMgwqTE7/1_0_6/) | 1.0.6 | 36.0300 | 74.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-PAKI004.Esper.2007](https://lipdverse.org/data/g9wLSglzv0bJPCCcTGit/1_0_6/) | 1.0.6 | 36.0300 | 74.5800 | Wood | ring width | Esper et al. (2006) |
| [Asi-PAKI006.Esper.2007](https://lipdverse.org/data/Q00H9XZPS192HlebSppz/1_0_6/) | 1.0.6 | 36.3300 | 74.0300 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI007.Esper.2007](https://lipdverse.org/data/j2XoE4TEe53dpBCFWYn7/1_0_6/) | 1.0.6 | 36.3300 | 74.0300 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI009.Esper.2007](https://lipdverse.org/data/uy9ZDDGKKeP7WmhBAzmX/1_0_6/) | 1.0.6 | 36.5800 | 75.0800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI010.Esper.2007](https://lipdverse.org/data/cpY8Rq8vaadbJeu2yL1G/1_0_6/) | 1.0.6 | 36.5800 | 75.0800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI011.Esper.2007](https://lipdverse.org/data/jc75v7Gkk8SDQ1NoUriV/1_0_6/) | 1.0.6 | 36.5800 | 75.0800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI012.Esper.2007](https://lipdverse.org/data/4P4FIwyzzwQ0JfIDhF55/1_0_6/) | 1.0.6 | 36.5800 | 75.0800 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI014.Esper.2007](https://lipdverse.org/data/pg7jAeDK7RhIxsEatPKA/1_0_6/) | 1.0.6 | 35.1700 | 75.5000 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI015.Esper.2007](https://lipdverse.org/data/iUQcdAWFBfNzTQQJexKD/1_0_6/) | 1.0.6 | 35.1700 | 75.5000 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI016.Esper.2007](https://lipdverse.org/data/FUaBgZ21oNrq7EodemYC/1_0_6/) | 1.0.6 | 35.1700 | 75.5000 | Wood | ring width | Esper et al. (2006); Edward R. Cook et al. (2012) |
| [Asi-PAKI017.Cook.2013](https://lipdverse.org/data/vmgssVMYjMNoXzK3qV99/1_0_5/) | 1.0.5 | 35.3300 | 74.8000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI018.Cook.2013](https://lipdverse.org/data/W6abRtcUggNvGlJFdVYF/1_0_5/) | 1.0.5 | 35.3300 | 74.8000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI020.Cook.2013](https://lipdverse.org/data/bOS0IAbSvDxtjuCvOIyQ/1_0_5/) | 1.0.5 | 35.6800 | 71.6300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI021.Cook.2013](https://lipdverse.org/data/oHOsN3BmcoSORSITOLV9/1_0_5/) | 1.0.5 | 35.6800 | 71.6300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI022.Cook.2013](https://lipdverse.org/data/JNMoDwdUMymuv7yCciJG/1_0_5/) | 1.0.5 | 35.9000 | 71.7300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI023.Cook.2013](https://lipdverse.org/data/wnA8oYOXEEmvrdNP9XZ2/1_0_5/) | 1.0.5 | 35.9000 | 71.7300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI024.Cook.2013](https://lipdverse.org/data/tiHRKW6wnGQ22u50mEgz/1_0_5/) | 1.0.5 | 35.0300 | 74.5800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI025.Cook.2013](https://lipdverse.org/data/uq1v2wsZoSZXfcmHepg7/1_0_5/) | 1.0.5 | 35.4500 | 74.7800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI027.Cook.2013](https://lipdverse.org/data/bheHQ09dfhEAifRIO86q/1_0_5/) | 1.0.5 | 35.3500 | 71.9300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI028.Cook.2013](https://lipdverse.org/data/2jSzovGXJL0lmYBVej1x/1_0_5/) | 1.0.5 | 35.4000 | 74.1200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI029.Cook.2013](https://lipdverse.org/data/aiEEshELkQ4Q2oewsYIA/1_0_5/) | 1.0.5 | 35.8300 | 74.3300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI030.Cook.2013](https://lipdverse.org/data/mugPZ4zXAkDBRzby7nZp/1_0_5/) | 1.0.5 | 35.8800 | 74.1800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI031.Cook.2013](https://lipdverse.org/data/tjoyz9P2XBz3ieuUd9Cs/1_0_5/) | 1.0.5 | 35.5000 | 74.0800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI033.Cook.2013](https://lipdverse.org/data/MVHIsye1Jh1Wd6SsOlcU/1_0_5/) | 1.0.5 | 35.5000 | 74.7500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI035.Cook.2013](https://lipdverse.org/data/30gHBBY2Q1CHo62awymg/1_0_5/) | 1.0.5 | 36.1500 | 74.1800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI036.Cook.2013](https://lipdverse.org/data/GzzetxioEvmTXQARba7p/1_0_5/) | 1.0.5 | 36.1500 | 74.1800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI039.Cook.2013](https://lipdverse.org/data/ovWWrKsUuDijVVCQlI9Z/1_0_5/) | 1.0.5 | 35.0000 | 70.7800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-PAKI040.Cook.2011](https://lipdverse.org/data/ERm6ZoAaBifvoVdsrgO9/1_0_5/) | 1.0.5 | 35.3500 | 71.8000 | Wood | ring width | Ahmed et al. (2011) |
| [Asi-PTCYUN.PAGES2k.2013](https://lipdverse.org/data/2N6kZBNdE8HBT8UYitJA/1_0_5/) | 1.0.5 | 27.3700 | 99.3700 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-Puruogangri.Thompson.2006](https://lipdverse.org/data/ggVLCcXep9oHad0qHsuO/1_0_5/) | 1.0.5 | 33.9167 | 89.0833 | GlacierIce | d18O | Lonnie G. Thompson et al. (2006) |
| [Asi-QUMAJP.PAGES2k.2013](https://lipdverse.org/data/MeDGoQVkpoDQPHGpN8R9/1_0_5/) | 1.0.5 | 33.8000 | 96.1300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-RANGCD.PAGES2k.2013](https://lipdverse.org/data/AMGH3kIG2HldZUouVcT1/1_0_5/) | 1.0.5 | 33.0800 | 76.4300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-RUSS219.Jacoby.2010](https://lipdverse.org/data/Erb9WY7oK8qawEoIsPYS/1_0_5/) | 1.0.5 | 43.8800 | 145.6000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-RUSS236.Sano.2009](https://lipdverse.org/data/KN8NJdYzPFCenpHWW2lB/1_0_5/) | 1.0.5 | 55.0000 | 160.5000 | Wood | ring width | M. Sano, Furuta, and Sweda (2009) |
| [Asi-SANGTS.PAGES2k.2013](https://lipdverse.org/data/P5amyjIw955oUFYxQXSq/1_0_5/) | 1.0.5 | 33.6500 | 107.8000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-SHIESP.PAGES2k.2013](https://lipdverse.org/data/m8aIPfDi8JZeFQ2nj4dU/1_0_5/) | 1.0.5 | 39.8300 | 71.5000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-SHIYAT.PAGES2k.2013](https://lipdverse.org/data/NHrYzCQqccNWT2zY318c/1_0_5/) | 1.0.5 | 39.8300 | 71.5000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-SO90-39KG\_SO130-275KL.Munz.2015](https://lipdverse.org/data/YXdcFrpFXqNbNjJBnxBH/1_0_8/) | 1.0.8 | 24.8333 | 65.9167 | MarineSediment | foraminifera | Munz et al. (2015) |
| [Asi-SODAPS.PAGES2k.2013](https://lipdverse.org/data/sJ1ONRlN6apyhXM2acWD/1_0_5/) | 1.0.5 | 48.3000 | 98.9300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-SihailongwaLake.Chu.2011](https://lipdverse.org/data/ISKmfv8TRD8gugEou5QH/1_0_9/) | 1.0.9 | 42.1700 | 126.3600 | LakeSediment | alkenone | Chu et al. (2011) |
| [Asi-SourthAndMiddleUrals.Demezhko.2007](https://lipdverse.org/data/mE7P31hoHDXy1Q9yfQlq/1_0_3/) | 1.0.3 | 55.0000 | 59.5000 | Borehole | borehole | Demezhko and Golovanova (2007) |
| [Asi-SouthChina.Wang.1998](https://lipdverse.org/data/RQBb0ue8NhQiexAzoat0/1_0_5/) | 1.0.5 | 23.0000 | 114.0000 | Documents | historical | S. W. Wang, Ye, and Gong (1998) |
| [Asi-TDAXJP.PAGES2k.2013](https://lipdverse.org/data/JqFHEqCJAhrY9f3hujTT/1_0_5/) | 1.0.5 | 34.7800 | 100.8000 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-TDBXJP.PAGES2k.2013](https://lipdverse.org/data/3bGKU5vlATAPahC0FMAq/1_0_5/) | 1.0.5 | 34.7800 | 100.8200 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-TH001.Buckley.2010](https://lipdverse.org/data/kQnFPjTwPCjNKgghR2yA/1_0_5/) | 1.0.5 | 19.2800 | 98.9300 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-TIANMU.PAGES2k.2013](https://lipdverse.org/data/ELtaVGFZ6JH6rb2kx33D/1_0_5/) | 1.0.5 | 30.3300 | 119.4300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-TW001.Wright.2010](https://lipdverse.org/data/rkhkEZGXNM3iltNsGpJl/1_0_5/) | 1.0.5 | 24.5300 | 121.3800 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-UKHEWD.Schweingruber.2002](https://lipdverse.org/data/UgKydyBhsnRX0FyCcMcL/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHEWW.Schweingruber.2002](https://lipdverse.org/data/x2KtGYUEPqgjyJTOcIGF/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHLWD.Schweingruber.2002](https://lipdverse.org/data/02FdjjuIUmFedlZZi5cu/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHLWW.Schweingruber.2002](https://lipdverse.org/data/mWBMdLBLO60HsolIkzfe/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHMND.Schweingruber.2002](https://lipdverse.org/data/badU9kp2bnRFrWcCwhWs/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHMXD.Schweingruber.2002](https://lipdverse.org/data/ZoPe0CTAW1aHByFib2o3/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UKHTRW.Schweingruber.2002](https://lipdverse.org/data/fZis8FytC3c54nR34FDw/1_0_5/) | 1.0.5 | 50.1500 | 85.3700 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULEWD.Schweingruber.2002](https://lipdverse.org/data/mzdLCHfI3mANwx5YyC7j/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULEWW.Schweingruber.2002](https://lipdverse.org/data/eEw2NYLXBwJbQld5DNY4/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULLWD.Schweingruber.2002](https://lipdverse.org/data/YkYBVowJ8pRp4SZicNBT/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULLWW.Schweingruber.2002](https://lipdverse.org/data/z9uba9ASV32ssYKO4IJT/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULMND.Schweingruber.2002](https://lipdverse.org/data/eEmC0GYj0JdOQikwbfzW/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULMXD.Schweingruber.2002](https://lipdverse.org/data/xubNSAgoI2IrIMOfXOXV/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-UULTRW.Schweingruber.2002](https://lipdverse.org/data/Yr7jXww6YdAeocZ15pHF/1_0_5/) | 1.0.5 | 50.4800 | 87.6500 | Wood | ring width | Keith R. Briffa et al. (2002) |
| [Asi-VIET001.Buckley.2010](https://lipdverse.org/data/CfO24aHUNP6wPLSGgMYt/1_0_5/) | 1.0.5 | 12.2200 | 108.7300 | Wood | ring width | Brendan M. Buckley et al. (2010) |
| [Asi-WEXYUN.Wright.2010](https://lipdverse.org/data/lvx0hdfkHJWJDrOm5tFA/1_0_5/) | 1.0.5 | 27.3300 | 99.3000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-WULANJ.PAGES2k.2013](https://lipdverse.org/data/Zrd5MZYrHBPbQUIgeGRx/1_0_5/) | 1.0.5 | 37.0300 | 98.6800 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-WXIYUN.Wright.2010](https://lipdverse.org/data/jNviEYJCrZxAouRsI8Nt/1_0_5/) | 1.0.5 | 27.3300 | 99.3000 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-YKC.Yasue.2013](https://lipdverse.org/data/DAH4hPoHS94a9TCWqzp7/1_0_5/) | 1.0.5 | 30.3300 | 130.4500 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-YKCOM.Yasue.2013](https://lipdverse.org/data/jT8V6QDYmiAiYZpNmMcH/1_0_5/) | 1.0.5 | 30.3700 | 130.5300 | Wood | ring width | Edward R. Cook et al. (2012) |
| [Asi-ZHANGX.PAGES2k.2010](https://lipdverse.org/data/o6VJSYZmh0C5yiu6qKOP/1_0_5/) | 1.0.5 | 34.6300 | 104.4700 | Wood | ring width | Edward R. Cook et al. (2010) |
| [Asi-ZHIDJP.Shao.2003](https://lipdverse.org/data/Y1s1AfGb8ipWnJ6USpuo/1_0_5/) | 1.0.5 | 33.7200 | 96.2800 | Wood | ring width | Qin et al. (2003) |
| [Asi-ZhejiangAndFujian.Zhang.1980](https://lipdverse.org/data/FYXINgpwaFuyFaEPbBrc/1_0_5/) | 1.0.5 | 25.0000 | 118.0000 | Documents | historical | D. (1980) |
| [Aus-BuckleysChance.Buckley.1997](https://lipdverse.org/data/0QqArasHAPcbd7sbQuZJ/1_0_5/) | 1.0.5 | -42.2700 | 145.8700 | Wood | ring width | B. M. Buckley et al. (1997) |
| [Aus-CTPEastTasmania.Allen.2001](https://lipdverse.org/data/KH8oVlASntBnwuqOcTGp/1_0_5/) | 1.0.5 | -41.3100 | 147.7500 | Wood | ring width | Allen et al. (2001) |
| [Aus-CTPWestTasmania.Allen.2001](https://lipdverse.org/data/o0Din13QYKmHRZOh6Wyp/1_0_5/) | 1.0.5 | -41.6700 | 145.6500 | Wood | ring width | Allen et al. (2001) |
| [Aus-DuckholeLake.Saunders.2013](https://lipdverse.org/data/b5gjO9TkjjEUrRtrvGwW/1_0_6/) | 1.0.6 | -43.3646 | 146.8749 | LakeSediment | reflectance | KM Saunders, Grosjean, and Hodgson (2013); K. Saunders, Grosjean, and Hodgson (2016) |
| [Aus-MtRead.Cook.2006](https://lipdverse.org/data/9cI5YnfNq4xX1ssxlPDe/1_0_5/) | 1.0.5 | -41.8300 | 145.5300 | Wood | ring width | Edward R. Cook et al. (2006) |
| [Aus-Oroko.Cook.2002](https://lipdverse.org/data/ruMRx4LUuvL9siKrquVD/1_0_5/) | 1.0.5 | -43.2300 | 170.2800 | Wood | ring width | Edward R. Cook et al. (2002) |
| [Aus-PinkPine.Duncan.2010](https://lipdverse.org/data/7YZXkWdR5ceDJr3jzX3v/1_0_5/) | 1.0.5 | -43.0000 | 171.0000 | Wood | ring width | Duncan et al. (2010) |
| [Aus-StewartIsland.D’Arrigo.1996](https://lipdverse.org/data/ENJoPLMMNLnyYtlEqzQO/1_0_5/) | 1.0.5 | -47.0000 | 167.8000 | Wood | ring width | R. D. D. B. M. Buckley, Cook, and Wagner (1996) |
| [Aus-TakapariCedar.Xiong.2000](https://lipdverse.org/data/W3fUXMQh8RjN0mYIMcpi/1_0_5/) | 1.0.5 | -40.0700 | 175.9800 | Wood | ring width | Xiong and Palmer (2000) |
| [Eur-CentralEurope.Dobrovolny.2009](https://lipdverse.org/data/BjZjOoa4Z5XmocKnEzre/1_0_7/) | 1.0.7 | 49.0000 | 13.0000 | Documents | historical | Dobrovoln’y et al. (2009) |
| [Eur-CentralandEasternPyrenees.Pla.2004](https://lipdverse.org/data/LsFTzIqNQrauZIPBXNgA/1_0_6/) | 1.0.6 | 42.5000 | 0.7500 | LakeSediment | chrysophyte assemblage | Pla and Catalan (2004) |
| [Eur-CoastofPortugal.Abrantes.2011](https://lipdverse.org/data/33wLrOlZRR8hw53DVKSr/1_0_5/) | 1.0.5 | 41.1000 | -8.9000 | LakeSediment | alkenone | F. Abrantes et al. (2011) |
| [Eur-EasternCarpathianMountains.Popa.2008](https://lipdverse.org/data/SxEXdtlCRksSEr2Setkw/1_0_6/) | 1.0.6 | 47.0000 | 25.3000 | Wood | ring width | Popa and Kern (2008) |
| [Eur-EuropeanAlps.Buentgen.2011](https://lipdverse.org/data/NdRtBSqrfwDmxycbWqYd/1_0_7/) | 1.0.7 | 47.0000 | 10.7000 | Wood | ring width | Büntgen et al. (2011) |
| [Eur-FinnishLakelands.Helama.2014](https://lipdverse.org/data/ZDMEZiVVO4eFNwBA4D3o/1_0_6/) | 1.0.6 | 62.0000 | 28.3250 | Wood | maximum latewood density | Helama et al. (2014) |
| [Eur-LakeSilvaplana.Larocque-Tobler.2010](https://lipdverse.org/data/LHqXoX9KHfLzB8Ivc4nS/1_0_4/) | 1.0.4 | 46.5000 | 9.8000 | LakeSediment | chironomid | Isabelle Larocque-Tobler et al. (2010) |
| [Eur-LakeSilvaplana.Trachsel.2010](https://lipdverse.org/data/23GDZxTEJsBQAH05hU4g/1_0_3/) | 1.0.3 | 46.5000 | 9.8000 | LakeSediment | reflectance | Trachsel et al. (2010) |
| [Eur-Loetschental.Buentgen.2006](https://lipdverse.org/data/5TxaCsbZHG56SI1qNpj7/1_0_7/) | 1.0.7 | 46.4000 | 7.8000 | Wood | maximum latewood density | Büntgen et al. (2006) |
| [Eur-MaritimeFrenchAlps.Buentgen.2012](https://lipdverse.org/data/1UZJ6NyAvSCfdksRwNPV/1_0_7/) | 1.0.7 | 44.0000 | 7.5000 | Wood | ring width | Büntgen et al. (2012) |
| [Eur-NorthernScandinavia.Esper.2012](https://lipdverse.org/data/fyUORoSbcL0GP0J3wyoj/1_0_6/) | 1.0.6 | 68.0000 | 25.0000 | Wood | maximum latewood density | Esper et al. (2012) |
| [Eur-NorthernSpain.Martin-Chivelet.2011](https://lipdverse.org/data/WX0GIjmoc46FH1Oj4c5r/1_0_7/) | 1.0.7 | 42.9000 | -3.5000 | Speleothem | d18O | Mart’ın-Chivelet et al. (2011) |
| [Eur-RAPiD-17-5P.Moffa-Sanchez.2014](https://lipdverse.org/data/srZZvm9PK1vZPDDWcWzi/1_0_6/) | 1.0.6 | 61.4800 | -19.5300 | MarineSediment | d18O | Moffa-S’anchez et al. (2014) |
| [Eur-Seebergsee.Larocque-Tobler.2012](https://lipdverse.org/data/7QYnhwWQ7wPX31uqrHhs/1_0_4/) | 1.0.4 | 46.1500 | 7.5000 | LakeSediment | chironomid | I. Larocque-Tobler et al. (2012) |
| [Eur-SpanishPyrenees.Dorado-Linan.2012](https://lipdverse.org/data/PPWjMBBkRAcCv6bkL58K/1_0_6/) | 1.0.6 | 42.5000 | 1.0000 | Wood | ring width | Dorado Liñ’an et al. (2012) |
| [Eur-SpannagelCave.Mangini.2005](https://lipdverse.org/data/19nwWA48PSW3uSoDRiA4/1_0_6/) | 1.0.6 | 47.1000 | 11.6000 | Speleothem | d18O | Mangini, Spötl, and Verdes (2005) |
| [Eur-Stockholm.Leijonhufvud.2009](https://lipdverse.org/data/uOhCAmcuPO5Xo9rSniHn/1_0_6/) | 1.0.6 | 59.3200 | 18.0600 | Documents | historical | Leijonhufvud et al. (2009) |
| [Eur-Tallinn.Tarand.2001](https://lipdverse.org/data/X3qULfBWiBbbQfEmmiMT/1_0_7/) | 1.0.7 | 59.4000 | 24.7500 | Documents | historical | Tarand and Nordli (2001) |
| [Eur-TatraMountains.Buentgen.2013](https://lipdverse.org/data/kskN7ELG8iCpHBcZbQSV/1_0_7/) | 1.0.7 | 49.0000 | 20.0000 | Wood | ring width | Büntgen et al. (2013) |
| [NAm-AlmondButterLower.D’Arrigo.2005](https://lipdverse.org/data/dNHk7j5F2IMcg1EFTpyo/1_0_6/) | 1.0.6 | 65.2000 | -162.2000 | Wood | ring width | Mashig et al. (2005) |
| [NAm-AlmondButterUpper.D’Arrigo.2005](https://lipdverse.org/data/2JpVmiL8z4P6y8o14Yje/1_0_6/) | 1.0.6 | 65.2000 | -162.2000 | Wood | ring width | Mashig et al. (2005) |
| [NAm-Arapahoe.Kienast.1996](https://lipdverse.org/data/cfs7Nkc3zR1zYoquU7a9/1_0_6/) | 1.0.6 | 40.1000 | -105.6000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-ArrowsmithMountain.Briffa.1996](https://lipdverse.org/data/NmqSDMpZwpUYilEF3gUt/1_0_6/) | 1.0.6 | 49.2000 | -125.2000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-Athabasca.Schweingruber.1996](https://lipdverse.org/data/qmHkjXQqEOYu7QMcgcB8/1_0_6/) | 1.0.6 | 51.4000 | -117.3000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-AthabascaGlacier2.Luckman.2005](https://lipdverse.org/data/53xGlzqt6GSByMcw8FHK/1_0_6/) | 1.0.6 | 52.2000 | -117.2000 | Wood | ring width, maximum latewood density | B. H. Luckman and Wilson (2005) |
| [NAm-BakerLake.Hughes.2005](https://lipdverse.org/data/vsInHwWJKQgDOOCMqY5M/1_0_6/) | 1.0.6 | 45.9000 | -114.3000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-BarlowPassamMtHood.Briffa.1996](https://lipdverse.org/data/Wmzmt29ldRiTk8N3sBiQ/1_0_6/) | 1.0.6 | 45.3000 | -121.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-BasinPond.Gajewski.1988](https://lipdverse.org/data/31lieypYqHvN0KEdjq6T/1_0_5/) | 1.0.5 | 44.5000 | -70.1000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-BellMountain.Schweingruber.1996](https://lipdverse.org/data/Lzug04PiusOAntzWSDh7/1_0_6/) | 1.0.6 | 53.3000 | -120.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-Bennington.Luckman.2001](https://lipdverse.org/data/hOKxV4PVTX9Ci0bOdjnZ/1_0_6/) | 1.0.6 | 52.7000 | -118.3000 | Wood | ring width | George and Luckman (2001) |
| [NAm-Bennington.Luckman.2013](https://lipdverse.org/data/oghITCFCS3g0Hrdb4XWk/1_0_6/) | 1.0.6 | 52.7000 | -118.3000 | Wood | ring width | Youngblut and Luckman (2013) |
| [NAm-BigBendLake.Jacoby.2003](https://lipdverse.org/data/t2hIhckbYHgAAZkTMLIw/1_0_6/) | 1.0.6 | 61.3000 | -142.7000 | Wood | ring width, maximum latewood density | N. Davi (2003) |
| [NAm-BigWhite.Parish.2000](https://lipdverse.org/data/rl0r8UeSJrgYstgicoB4/1_0_6/) | 1.0.6 | 49.9000 | -118.9000 | Wood | ring width | Missing citation metadata |
| [NAm-BigWhite2.Wilson.2005](https://lipdverse.org/data/fmjNRGaPBk0VTbt54l20/1_0_6/) | 1.0.6 | 49.7000 | -118.9000 | Wood | ring width, maximum latewood density | B. H. Luckman and Wilson (2005) |
| [NAm-BlanchardRiver.Luckman.2013](https://lipdverse.org/data/g2dbYB35qjjqhZTOId9R/1_0_6/) | 1.0.6 | 59.9000 | -136.8000 | Wood | ring width | Missing citation metadata |
| [NAm-Bonif.Schweingruber.1996](https://lipdverse.org/data/vKwPGlRzyLBQX0te1uz5/1_0_6/) | 1.0.6 | 55.3000 | -77.8000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-BorealPlateau.Graumlich.2005](https://lipdverse.org/data/Y0l1XR12PdNKqneAvQeD/1_0_6/) | 1.0.6 | 36.3000 | -118.3000 | Wood | ring width | Bunn, Graumlich, and Urban (2005); Lloyd and Graumlich (1997) |
| [NAm-BowSummit-PeytoLake.Luckman.2005](https://lipdverse.org/data/GD3tU9veEl7sfH0Z5JK8/1_0_6/) | 1.0.6 | 51.7000 | -116.5000 | Wood | ring width | B. H. Luckman and Wilson (2005) |
| [NAm-BurntOver.D’Arrigo.2005](https://lipdverse.org/data/6cD5BGSeh0NCNcb85DD5/1_0_6/) | 1.0.6 | 65.2000 | -162.3000 | Wood | ring width | Mashig et al. (2005) |
| [NAm-CameronPass.Bigler.2007](https://lipdverse.org/data/FnOXrlfA3BHNzYz6FrNf/1_0_6/) | 1.0.6 | 40.6000 | -105.8000 | Wood | ring width | Bigler et al. (2007) |
| [NAm-CanyonCreek.Lloyd.2002](https://lipdverse.org/data/1GEJ1MX73skdhM6tbV8Z/1_0_6/) | 1.0.6 | 63.3000 | -147.8000 | Wood | ring width | Missing citation metadata |
| [NAm-CardinalDivide.Luckman.2001](https://lipdverse.org/data/H7ky4sF8uLa3c1z8Slg1/1_0_6/) | 1.0.6 | 52.9000 | -117.3000 | Wood | ring width | George and Luckman (2001) |
| [NAm-CarltonRidge.Kipfmuller.2008](https://lipdverse.org/data/XAKQQG0kRtG4dyqdaMHn/1_0_6/) | 1.0.6 | 46.7000 | -114.2000 | Wood | ring width | Kipfmueller (2008) |
| [NAm-CeaderBreaks.Briffa.1996](https://lipdverse.org/data/fbFR2R5Tdm5d8BC2w3Tf/1_0_6/) | 1.0.6 | 37.6000 | -113.9000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-CienegadeNuestraSenoradeGuadalupe.Fule.2009](https://lipdverse.org/data/APhGjAZmHurbppEp7iJh/1_0_6/) | 1.0.6 | 25.1000 | -106.3000 | Wood | ring width | Missing citation metadata |
| [NAm-CirquePeak.Graybill.1995](https://lipdverse.org/data/QmpFJqGRkkngXwGYjk1r/1_0_6/) | 1.0.6 | 36.3000 | -118.2000 | Wood | ring width | Missing citation metadata |
| [NAm-ClearPond.Gajewski.1988](https://lipdverse.org/data/T5GP50YPulw103nFBo2h/1_0_5/) | 1.0.5 | 33.8000 | -79.0000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-ConroyLake.Gajewski.1988](https://lipdverse.org/data/o0gUBFducNtgxeVM86KG/1_0_5/) | 1.0.5 | 46.3000 | -67.9000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-CoppermineRiver.Jacoby.1989](https://lipdverse.org/data/Osmwf5rI661GR6ignkP1/1_0_6/) | 1.0.6 | 67.2000 | -115.9000 | Wood | ring width | Jacoby and D (1989) |
| [NAm-CornwallHills.Wilson.2005](https://lipdverse.org/data/p2yp1Bkp7ej3cGm1MM1y/1_0_6/) | 1.0.6 | 50.7000 | -121.5000 | Wood | ring width, maximum latewood density | B. H. Luckman and Wilson (2005) |
| [NAm-CottonwoodPass.Briffa.1996](https://lipdverse.org/data/3PVfSU8x4N6WrPxZw2pH/1_0_6/) | 1.0.6 | 38.7000 | -107.6000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-CraterLakeNE.Briffa.2002](https://lipdverse.org/data/VcYSgGSySEiwy5a4Hi1x/1_0_6/) | 1.0.6 | 43.0000 | -122.2000 | Wood | ring width, maximum latewood density | Keith R. Briffa et al. (2002) |
| [NAm-DanaPlateauInyoNationalForest.King.2000](https://lipdverse.org/data/XPZTSxnIIMUtwpZpod9P/1_0_6/) | 1.0.6 | 37.9000 | -119.2000 | Wood | ring width | Missing citation metadata |
| [NAm-DarkLake.Gajewski.1988](https://lipdverse.org/data/wJcq8AUo4o0g3KWPW9d8/1_0_5/) | 1.0.5 | 45.3000 | -91.5000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-DeerMountain.Wiles.2011](https://lipdverse.org/data/FhbNMHFTbBuCQnb9f2gm/1_0_6/) | 1.0.6 | 55.3000 | -131.6000 | Wood | ring width | Missing citation metadata |
| [NAm-DenaliNationalPark.Schweingruber.1996](https://lipdverse.org/data/Ej1ThcgrQBZ1AJAcRD55/1_0_6/) | 1.0.6 | 63.7000 | -149.6000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-DonJekRiverBridge.Schweingruber.1996](https://lipdverse.org/data/8ppaSHq1ez3FXkIhTX39/1_0_6/) | 1.0.6 | 61.7000 | -139.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-EagleFecal\_PtarmiganMerge.Jacoby.2011](https://lipdverse.org/data/LGd7xwQ0xI04O2UXXyL0/1_0_6/) | 1.0.6 | 69.5000 | -127.8000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-ElephantMountain.Conkey.1994](https://lipdverse.org/data/iGSpjgxYwluYmw0xQYTF/1_0_6/) | 1.0.6 | 44.8000 | -70.8000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-EurekaSummit.Schweingruber.1996](https://lipdverse.org/data/gJsyTY9m4xTtfk64UoBa/1_0_6/) | 1.0.6 | 61.8000 | -147.3000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-FirthRiver.Anchukaitis.2013](https://lipdverse.org/data/lGSAqGdLyfj83d7Hk9ti/1_0_6/) | 1.0.6 | 68.7000 | -141.6000 | Wood | maximum latewood density | Anchukaitis et al. (2013) |
| [NAm-FishCreekTrail.Biondi.2001](https://lipdverse.org/data/OJyiy7wfMSWmluj2SLFW/1_0_6/) | 1.0.6 | 34.1000 | -116.8000 | Wood | ring width | Missing citation metadata |
| [NAm-FlintCreekRange.Hughes.2005](https://lipdverse.org/data/O7T70Wjt5cEp3bZkJXue/1_0_6/) | 1.0.6 | 46.3000 | -113.2000 | Wood | ring width | Missing citation metadata |
| [NAm-FlowerLake.Graybill.1995](https://lipdverse.org/data/IEiderjaBVLqA12Y7ylX/1_0_6/) | 1.0.6 | 36.5000 | -118.2000 | Wood | ring width | Missing citation metadata |
| [NAm-FoolCreek.Brown.2005](https://lipdverse.org/data/7S40aKVuGM9habv8J2QN/1_0_6/) | 1.0.6 | 39.9000 | -105.9000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-FortChimo.Fritts.1981](https://lipdverse.org/data/2FvCF2PaGQwWNj336MFf/1_0_6/) | 1.0.6 | 58.4000 | -68.4000 | Wood | ring width | Cropper and Fritts (1981) |
| [NAm-FremontGlacier.Hill.0](https://lipdverse.org/data/kJ8NSKzkuWsMfCYwH4Bc/1_0_6/) | 1.0.6 | 43.0000 | -109.6000 | Wood | ring width | Missing citation metadata |
| [NAm-FrenchGlacier.Colenutt.1995](https://lipdverse.org/data/zHVVTITu9VXfJxv82zlL/1_0_6/) | 1.0.6 | 50.8000 | -115.3000 | Wood | ring width | Colenutt and Luckman (1995) |
| [NAm-GalenaPassSawtooth.Briffa.1996](https://lipdverse.org/data/SlfGEtxuxGNJbBe1b0sJ/1_0_6/) | 1.0.6 | 43.9000 | -114.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-GeraldineLakes.Luckman.2001](https://lipdverse.org/data/0JQU7qHx9jTMVDDqHa38/1_0_7/) | 1.0.7 | 52.6000 | -117.9000 | Wood | ring width | George and Luckman (2001) |
| [NAm-GraniteMountain.Graumlich.2003](https://lipdverse.org/data/3RJU0QBcxU8Evlr8htuT/1_0_6/) | 1.0.6 | 47.3000 | -121.3000 | Wood | ring width | Missing citation metadata |
| [NAm-GranitePassHuntMountain.Briffa.1996](https://lipdverse.org/data/BiYIzVBInBhb3QgpKjJx/1_0_6/) | 1.0.6 | 44.8000 | -107.9000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-GreatBasin.Salzer.2013](https://lipdverse.org/data/zXs8PjuE6mAXsCA1LzBq/1_0_6/) | 1.0.6 | 37.0000 | -116.5000 | Wood | ring width | Salzer et al. (2013) |
| [NAm-GreenLake.Menounos.2006](https://lipdverse.org/data/6oug9NvecGotfzSvg48O/1_0_6/) | 1.0.6 | 50.2000 | -122.9000 | LakeSediment | varve thickness | Schiefer, Menounos, and Slaymaker (2006) |
| [NAm-HartsPassN2.Peterson.1994](https://lipdverse.org/data/JVmVhWnvSH0uPdI6L0U7/1_0_6/) | 1.0.6 | 48.7000 | -120.7000 | Wood | ring width | Missing citation metadata |
| [NAm-HellsKitchenLake.Gajewski.1988](https://lipdverse.org/data/FPBJHd8TF14y5wT5qbJ6/1_0_5/) | 1.0.5 | 46.2000 | -89.7000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-HerringAlpine.Fritts.1995](https://lipdverse.org/data/MXjCxsjN0QR98fM21j6h/1_0_6/) | 1.0.6 | 60.4000 | -147.8000 | Wood | ring width | Missing citation metadata |
| [NAm-HighlandFireOutlook.Briffa.1996](https://lipdverse.org/data/3hbPq9ThKfo7mCDlFkgc/1_0_6/) | 1.0.6 | 45.8000 | -112.5000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-HighwoodPass.Luckman.2001](https://lipdverse.org/data/Z2lwjT2zsjodh5HjNi22/1_0_7/) | 1.0.7 | 50.6000 | -115.0000 | Wood | ring width | George and Luckman (2001) |
| [NAm-Hilda.Kavanagh.2000](https://lipdverse.org/data/b4Be85fF1Aidr5LkNGOQ/1_0_6/) | 1.0.6 | 52.2000 | -117.2000 | Wood | ring width | B. Luckman and Kavanagh (2000) |
| [NAm-HohLakeHigh.Peterson.1994](https://lipdverse.org/data/OWeDrUlcEjeUyEOuj71q/1_0_6/) | 1.0.6 | 47.9000 | -123.8000 | Wood | ring width | Missing citation metadata |
| [NAm-HornbyCabin.Jacoby.1989](https://lipdverse.org/data/dWidG5JxovG0e9GVOv22/1_0_6/) | 1.0.6 | 64.0000 | -103.9000 | Wood | ring width | Jacoby and D (1989) |
| [NAm-IttyhaukBay.D’Arrigo.2011](https://lipdverse.org/data/W83Lzs0aJN45RzLRZFhu/1_0_6/) | 1.0.6 | 56.0000 | -61.0000 | Wood | ring width | Missing citation metadata |
| [NAm-KobukNoatak.King.2003](https://lipdverse.org/data/0bwV9Qx7wW5DfaO34xz4/1_0_6/) | 1.0.6 | 67.1000 | -159.6000 | Wood | ring width | Missing citation metadata |
| [NAm-LaTasajera.Biondi.2001](https://lipdverse.org/data/qc69GrQmnbfeZf9T8HSB/1_0_6/) | 1.0.6 | 31.0000 | -115.5000 | Wood | ring width | Missing citation metadata |
| [NAm-LacNoir.Paquette.2013](https://lipdverse.org/data/EDlTNSmbAWw0fShsRCxt/1_0_5/) | 1.0.5 | 45.8000 | -75.1000 | LakeSediment | pollen | Paquette and Gajewski (2013) |
| [NAm-LacRomanel.Schweingruber.1996](https://lipdverse.org/data/gZI9MLRaHoLumTaWfqyB/1_0_6/) | 1.0.6 | 56.2000 | -67.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-LakeMina.St.Jacques.2008](https://lipdverse.org/data/HpH1DRZvRVLFavClJtag/1_0_8/) | 1.0.8 | 45.8900 | -95.4780 | LakeSediment | pollen | St. Jacques, Cumming, and Smol (2008); St. Jacques et al. (2015) |
| [NAm-LakeoftheClouds.Gajewski.1988](https://lipdverse.org/data/efMfru70yD1C6anJCulf/1_0_7/) | 1.0.7 | 48.0000 | -91.0000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-Landslide.Luckman.2006](https://lipdverse.org/data/3aTNuveIcZsmeuk5wdut/1_0_6/) | 1.0.6 | 60.2000 | -138.5000 | Wood | ring width | Clague et al. (2006) |
| [NAm-LittlePineLake.Gajewski.1988](https://lipdverse.org/data/3B4f0p6mhSePmMPdU1js/1_0_5/) | 1.0.5 | 45.3000 | -91.5000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-Manitoba.D’Arrigo.2006](https://lipdverse.org/data/kQPoKgv6bLNhLohYz5P8/1_0_6/) | 1.0.6 | 58.0000 | -94.0000 | Wood | ring width | Wilson and Jacoby (2006b) |
| [NAm-McGinnisTrail.Wiles.2013](https://lipdverse.org/data/iuh7gVnFXdxJalPJlGTa/1_0_7/) | 1.0.7 | 58.4000 | -134.6000 | Wood | ring width | Jarvis et al. (2013) |
| [NAm-MeadowMountain.Wilson.2005](https://lipdverse.org/data/jlI6FDPTWxrnNE26jkaY/1_0_6/) | 1.0.6 | 50.2000 | -117.1000 | Wood | ring width, maximum latewood density | B. H. Luckman and Wilson (2005) |
| [NAm-MedicineBowPeak.Briffa.1996](https://lipdverse.org/data/CRfp9Di93quv5EHeQAlN/1_0_6/) | 1.0.6 | 41.3000 | -107.7000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-MedusaBay.Buckley.2003](https://lipdverse.org/data/LSRy5cwhawMuwrCyJCNr/1_0_6/) | 1.0.6 | 56.9000 | -61.5000 | Wood | ring width | R. D. B. Buckley, Kaplan, and Woollett (2003) |
| [NAm-MinersWell.Wiles.2000](https://lipdverse.org/data/Fi6VwKh4sV4ixAk0h6g3/1_0_6/) | 1.0.6 | 60.0000 | -141.7000 | Wood | ring width | Missing citation metadata |
| [NAm-MountAdamsLow.Peterson.1994](https://lipdverse.org/data/4VCrDvxZ6fifYG5Gp6GR/1_0_6/) | 1.0.6 | 46.2000 | -121.5000 | Wood | ring width | Missing citation metadata |
| [NAm-MountWashington.Graybill.1994](https://lipdverse.org/data/dlEKuCrP6sSt6l8M3vT2/1_0_6/) | 1.0.6 | 38.5000 | -114.2000 | Wood | ring width | Missing citation metadata |
| [NAm-MtLemon.Briffa.2002](https://lipdverse.org/data/WE1aFocHhdMAgjAD7nKI/1_0_6/) | 1.0.6 | 32.5000 | -110.8000 | Wood | ring width, maximum latewood density | Keith R. Briffa et al. (2002) |
| [NAm-MtStHelens.Briffa.1996](https://lipdverse.org/data/rr1hoanhV0XbCNL1Y264/1_0_6/) | 1.0.6 | 46.2000 | -122.2000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-NabesnaMine.Jacoby.2003](https://lipdverse.org/data/cftweuNNGmykW7VQC4FA/1_0_6/) | 1.0.6 | 62.4000 | -143.1000 | Wood | ring width, maximum latewood density | N. Davi (2003) |
| [NAm-Nadahini.Luckman.2013](https://lipdverse.org/data/VO9Qy161y0kAPoShwmFw/1_0_6/) | 1.0.6 | 59.8000 | -136.6000 | Wood | ring width | Missing citation metadata |
| [NAm-Nakiska.Luckman.2001](https://lipdverse.org/data/CPqB8D2meygEwsWgxdQ7/1_0_7/) | 1.0.7 | 50.9000 | -115.2000 | Wood | ring width | George and Luckman (2001) |
| [NAm-NorthernAlaskaComposite.D’Arrigo.2006](https://lipdverse.org/data/icCzBDkcnP0hSZa5imeg/1_0_6/) | 1.0.6 | 67.0000 | -152.0000 | Wood | maximum latewood density | Wilson and Jacoby (2006b) |
| [NAm-OregonCaves.Ersek.2012](https://lipdverse.org/data/qYNrGtZ6bjo5JcglBOwq/1_0_5/) | 1.0.5 | 42.0830 | -123.4160 | Speleothem | d18O | Ersek et al. (2012) |
| [NAm-ParkMountain.Wilson.2005](https://lipdverse.org/data/n2g7LPnTPDZr840uLWFu/1_0_6/) | 1.0.6 | 50.6000 | -118.6000 | Wood | ring width, maximum latewood density | B. H. Luckman and Wilson (2005) |
| [NAm-PearlPeak.Graybill.1994](https://lipdverse.org/data/6LoWLKabPXj25iOiErJ3/1_0_6/) | 1.0.6 | 40.2000 | -115.5000 | Wood | ring width | Missing citation metadata |
| [NAm-PethaiPeninsula.Schweingruber.1996](https://lipdverse.org/data/zw4h1bmylp4OVFAKhKRq/1_0_6/) | 1.0.6 | 62.7000 | -111.0000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-PeytoLake.Schweingruber.1996](https://lipdverse.org/data/lrlyFh0B63if96CT0dEf/1_0_6/) | 1.0.6 | 51.8000 | -116.2000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-PikePeaks.Harlan.1996](https://lipdverse.org/data/BHgEZaOZGO7aGoDiGaJE/1_0_6/) | 1.0.6 | 39.3000 | -105.0000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-Pintlers.Littell.2011](https://lipdverse.org/data/3LDchkuK7xhndDmyUhoz/1_0_6/) | 1.0.6 | 46.0000 | -113.4000 | Wood | ring width | Pederson et al. (2011) |
| [NAm-PintlersTwo.Littell.2011](https://lipdverse.org/data/9IaTDhASl0exwrBlIu3G/1_0_6/) | 1.0.6 | 46.0000 | -113.4000 | Wood | ring width | Pederson et al. (2011); Bronikowski et al. (2011) |
| [NAm-PowderRiverPass.Briffa.1996](https://lipdverse.org/data/E1FA19A8HZLbbPRTc2tu/1_0_6/) | 1.0.6 | 44.2000 | -107.1000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-PrinceWilliamSound.Barclay.1999](https://lipdverse.org/data/4wg4CmRZ8LonWjPqFyd1/1_0_6/) | 1.0.6 | 60.5000 | -148.3000 | Wood | ring width | Barclay, Wiles, and Calkin (1999) |
| [NAm-PyramidMountain.Luckman.2001](https://lipdverse.org/data/eKF8sS2XDUs6ZUkdUpOi/1_0_7/) | 1.0.7 | 53.0000 | -118.2000 | Wood | ring width | George and Luckman (2001) |
| [NAm-RedMountainPassSilverton.Graybill.1994](https://lipdverse.org/data/a1dLmQv8NVQKbhVMUZsa/1_0_6/) | 1.0.6 | 37.9000 | -107.7000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-RockGlacierYukon.Kenigsberg.2013](https://lipdverse.org/data/JIbrO0uAW5BIqVz5Tb8Y/1_0_6/) | 1.0.6 | 61.4000 | -128.4000 | Wood | ring width | Missing citation metadata |
| [NAm-RoweLakes.Colenutt.2011](https://lipdverse.org/data/vyppiGmln5TpB6lBnd96/1_0_6/) | 1.0.6 | 49.0000 | -114.0000 | Wood | ring width | Pederson et al. (2011) |
| [NAm-RubyLake.Gajewski.1988](https://lipdverse.org/data/UbiNqXE8VS1EGgTe3b8a/1_0_5/) | 1.0.5 | 45.3000 | -91.5000 | LakeSediment | pollen | Gajewski (1988) |
| [NAm-STREC.Gennaretti.2014](https://lipdverse.org/data/asUWrVRm9m58ZQSYDkzD/1_0_8/) | 1.0.8 | 54.2100 | -71.3500 | Wood | ring width | Gennaretti et al. (2014) |
| [NAm-SanFrancisoPeaksUpdate.Graybill.2005](https://lipdverse.org/data/wkHPN9AdocgBgZspVdo8/1_0_6/) | 1.0.6 | 35.3000 | -111.4000 | Wood | ring width | SALZER and KIPFMUELLER (2005) |
| [NAm-ScatterLake.Graumlich.2003](https://lipdverse.org/data/grzgrRHxgaCnyGkdlATq/1_0_6/) | 1.0.6 | 48.3000 | -120.3000 | Wood | ring width | Missing citation metadata |
| [NAm-SettlementPointAfognakIsland.Harlan.1998](https://lipdverse.org/data/83WaeOQjyocMnSMD9l81/1_0_6/) | 1.0.6 | 58.1000 | -152.7000 | Wood | ring width | Missing citation metadata |
| [NAm-SewardComposite.D’Arrigo.2006](https://lipdverse.org/data/gdn9ThF85p2GQPNY5Qqg/1_0_6/) | 1.0.6 | 65.2000 | -162.3000 | Wood | ring width, maximum latewood density | Wilson and Jacoby (2006b); Mashig et al. (2005) |
| [NAm-SheepMountain.Graybill.1995](https://lipdverse.org/data/61XUlHhpsNTF1WhGfcAW/1_0_6/) | 1.0.6 | 37.2000 | -118.1000 | Wood | ring width | Missing citation metadata |
| [NAm-SheepTrail.Brown.2005](https://lipdverse.org/data/0kJEMKsd3JyCNzMwcmwP/1_0_6/) | 1.0.6 | 41.4000 | -106.2000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-ShermanCreekPass.Briffa.1996](https://lipdverse.org/data/a86vdnAcMmqJYcZeopSg/1_0_6/) | 1.0.6 | 48.7000 | -118.3000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-SiberianOutpostView.Bunn.2010](https://lipdverse.org/data/FO2emDqoLPoia57F3fTE/1_0_6/) | 1.0.6 | 36.5000 | -118.3000 | Wood | ring width | Kipfmueller and Salzer (2010) |
| [NAm-SignalMountain.Luckman.2001](https://lipdverse.org/data/lVwi2m07HHGi5AerIxEG/1_0_7/) | 1.0.7 | 52.9000 | -118.0000 | Wood | ring width | George and Luckman (2001) |
| [NAm-SleepingDeerRoad.Hughes.2005](https://lipdverse.org/data/xEk5NItlgbga9xuThqfT/1_0_6/) | 1.0.6 | 44.6000 | -114.5000 | Wood | ring width, maximum latewood density | Missing citation metadata |
| [NAm-SmallRiver.Luckman.2001](https://lipdverse.org/data/0k1dCmpfYrmCqANemgp8/1_0_7/) | 1.0.7 | 53.2000 | -119.5000 | Wood | ring width | George and Luckman (2001) |
| [NAm-SmithersSkiArea.Schweingruber.1996](https://lipdverse.org/data/o54q2vzqLKudYQfVE81a/1_0_6/) | 1.0.6 | 54.9000 | -127.3000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-SnakeCreek.Kenigsberg.2013](https://lipdverse.org/data/kBEsXumenNT6CXivQyh2/1_0_6/) | 1.0.6 | 59.6000 | -133.4000 | Wood | ring width | Missing citation metadata |
| [NAm-SnowBowlSanFranciscoPeak.Briffa.2002](https://lipdverse.org/data/dNzMXiJaEqPhBtCLd2Ox/1_0_6/) | 1.0.6 | 35.4000 | -110.2000 | Wood | ring width, maximum latewood density | Keith R. Briffa et al. (2002) |
| [NAm-SouthernAlaskacomposite.D’Arrigo.2006](https://lipdverse.org/data/nLZT7ZDH9AjqorQqXjsu/1_0_6/) | 1.0.6 | 56.0000 | -132.0000 | Wood | ring width | Wilson and Jacoby (2006b) |
| [NAm-SpillwayLakeYosemiteNationalPark.King.2000](https://lipdverse.org/data/rlwUeKvRztepOY2ElI8O/1_0_6/) | 1.0.6 | 37.8000 | -119.2000 | Wood | ring width | Missing citation metadata |
| [NAm-SpruceCreek.Church.1981](https://lipdverse.org/data/0Pki3fEjvjPd5PVYug7m/1_0_6/) | 1.0.6 | 68.6000 | -138.6000 | Wood | ring width | Cropper and Fritts (1981) |
| [NAm-StarrigawanOldSitka.Kaiser.1996](https://lipdverse.org/data/4Q0yIPb6Qz0vLi3DIk4i/1_0_6/) | 1.0.6 | 57.1000 | -135.4000 | Wood | ring width | Missing citation metadata |
| [NAm-Sugarloaf.Kenigsberg.2013](https://lipdverse.org/data/SdbpH8dOj1w6Tymklh7j/1_0_6/) | 1.0.6 | 60.1000 | -134.4000 | Wood | ring width | Missing citation metadata |
| [NAm-SunshineMeadows.Colenutt.1995](https://lipdverse.org/data/p09cfUsNNSYBuOjGANue/1_0_6/) | 1.0.6 | 51.1000 | -115.8000 | Wood | ring width, maximum latewood density | Colenutt and Luckman (1995) |
| [NAm-SunwaptaPass.Schweingruber.1996](https://lipdverse.org/data/FWILEwpIgD2aF0mcUYwt/1_0_6/) | 1.0.6 | 52.3000 | -117.0000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-SurpriseValley.Luckman.2001](https://lipdverse.org/data/DHRR401tE4lP03ufWZMd/1_0_7/) | 1.0.7 | 52.8000 | -117.7000 | Wood | ring width | George and Luckman (2001) |
| [NAm-SylvanPassbeiCody.Briffa.1996](https://lipdverse.org/data/bdN65NrwFNG7eSM5EEWx/1_0_6/) | 1.0.6 | 44.4000 | -110.1000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-TamarackBowl.Sauchyn.2016](https://lipdverse.org/data/miqU8Z4uszVXTzZ9LXTk/1_0_6/) | 1.0.6 | 49.3000 | -114.4000 | Wood | ring width | Missing citation metadata |
| [NAm-TimberGapUpper.Graybill.1995](https://lipdverse.org/data/81ooFeTULA6t5jyr1FXx/1_0_6/) | 1.0.6 | 36.3000 | -118.4000 | Wood | ring width | Missing citation metadata |
| [NAm-TogwateePass.Briffa.1996](https://lipdverse.org/data/ScjZ6KE00ndO8hgwbLhe/1_0_6/) | 1.0.6 | 43.7000 | -110.1000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-TwistedTreeHeartrotHill.Jacoby.1989](https://lipdverse.org/data/tCP6mUDTO96vjanS54Zq/1_0_6/) | 1.0.6 | 65.0000 | -138.3000 | Wood | ring width | Jacoby and D (1989) |
| [NAm-UpperWrightLakes.Graumlich.2005](https://lipdverse.org/data/NwETFKut6TndJz9mvmRn/1_0_6/) | 1.0.6 | 36.4000 | -118.2000 | Wood | ring width | Bunn, Graumlich, and Urban (2005); Lloyd and Graumlich (1997) |
| [NAm-VancouverCyprusProvincialPark.Briffa.1996](https://lipdverse.org/data/40DA8rnIp5S1lWFqjm46/1_0_6/) | 1.0.6 | 49.4000 | -123.1000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-VicaryMine.Sauchyn.2016](https://lipdverse.org/data/zxvgGiTffb7lmSxCqimx/1_0_6/) | 1.0.6 | 49.8000 | -114.5000 | Wood | ring width | Missing citation metadata |
| [NAm-WindyRidgeAlaska.D’Arrigo.2005](https://lipdverse.org/data/gb8hnJHKaTVZSSnp3zDK/1_0_6/) | 1.0.6 | 65.2000 | -162.2000 | Wood | ring width | Mashig et al. (2005) |
| [NAm-WrangellsComposite.D’Arrigo.2006](https://lipdverse.org/data/s0ttpOQHnPoIuWfHmXiZ/1_0_6/) | 1.0.6 | 62.0000 | -142.0000 | Wood | maximum latewood density | Wilson and Jacoby (2006b) |
| [NAm-YellowMountainRidge.King.2002](https://lipdverse.org/data/ZnZDynpKbRro63UZqalz/1_0_6/) | 1.0.6 | 45.3000 | -111.3000 | Wood | ring width | Missing citation metadata |
| [NAm-Ymir.Wilson.2005](https://lipdverse.org/data/HomLmeWp6PlKB9AjzTr0/1_0_6/) | 1.0.6 | 49.4000 | -117.2000 | Wood | ring width | B. H. Luckman and Wilson (2005) |
| [NAm-YosemiteParkEEingang.Briffa.1996](https://lipdverse.org/data/qvWJhCp9bttXwvs63gGC/1_0_6/) | 1.0.6 | 37.8000 | -119.3000 | Wood | ring width, maximum latewood density | Schweingruber and Briffa (1996) |
| [NAm-wa069.Peterson.1994](https://lipdverse.org/data/yAknYRF7yth7AeEo69Df/1_0_6/) | 1.0.6 | 48.7000 | -120.7000 | Wood | ring width | Missing citation metadata |
| [NAm-wa071.Peterson.1994](https://lipdverse.org/data/h3SCY4Ixr8fMP0JJQABC/1_0_6/) | 1.0.6 | 48.7000 | -120.7000 | Wood | ring width | Missing citation metadata |
| [Ocn-AbrahamReef.Druffel.1999](https://lipdverse.org/data/Fc74zC3enQVmIati6Jt9/1_0_6/) | 1.0.6 | -22.1000 | 153.0000 | Coral | d18O, d13C | Druffel and Griffin (1999); Tierney et al. (2015) |
| [Ocn-AlboranSea384B.Nieto-Moreno.2013](https://lipdverse.org/data/zhM4sjrT10A4rwFW3koy/1_0_6/) | 1.0.6 | 35.9860 | -4.7496 | MarineSediment | alkenone | Nieto-Moreno et al. (2013); Helen V. McGregor et al. (2015) |
| [Ocn-AlboranSea436B.Nieto-Moreno.2013](https://lipdverse.org/data/fYUegig785BJMl3NrZcz/1_0_6/) | 1.0.6 | 36.2053 | -4.3133 | MarineSediment | alkenone | Nieto-Moreno et al. (2013); Helen V. McGregor et al. (2015) |
| [Ocn-AmedeeIsland.DeLong.2012](https://lipdverse.org/data/nMnGyRMkchBVRjhUfd4Y/1_0_5/) | 1.0.5 | -22.4750 | 166.4667 | Coral | Sr/Ca | DeLong et al. (2012); Tierney et al. (2015) |
| [Ocn-AqabaJordanAQ18.Heiss.1999](https://lipdverse.org/data/TKvK5llcfs66u4aX0I5o/1_0_6/) | 1.0.6 | 29.4200 | 34.9700 | Coral | d18O, d13C | Heiss et al. (1999); Tierney et al. (2015) |
| [Ocn-AqabaJordanAQ19.Heiss.1999](https://lipdverse.org/data/6shlhhpkwdwBvAILI4nD/1_0_6/) | 1.0.6 | 29.4200 | 34.9700 | Coral | d18O, d13C | Heiss et al. (1999); Tierney et al. (2015) |
| [Ocn-ArabianSea.Doose-Rolinski.2001](https://lipdverse.org/data/vqPcrfpCazlElItOxHh4/1_0_9/) | 1.0.9 | 24.8300 | 65.9200 | MarineSediment | alkenone | Doose-Rolinski et al. (2001); Helen V. McGregor et al. (2015) |
| [Ocn-Bermuda.DraschbaA.2000](https://lipdverse.org/data/0m7mLWIvBvEctAvz3pO8/1_0_6/) | 1.0.6 | 30.0867 | -64.5417 | Coral | d18O | Draschba, Pätzold, and Wefer (2000) |
| [Ocn-Bermuda.DraschbaB.2000](https://lipdverse.org/data/JMzf21d0ZvuXbdQ5ITxx/1_0_6/) | 1.0.6 | 30.0867 | -64.5417 | Coral | d18O | Draschba, Pätzold, and Wefer (2000) |
| [Ocn-BermudaSouthShore.Goodkin.2008](https://lipdverse.org/data/pSt6OlWQEKb5cT8tD6cc/1_0_5/) | 1.0.5 | 30.6486 | -64.9888 | Coral | d18O, Sr/Ca | Goodkin et al. (2008); Tierney et al. (2015) |
| [Ocn-BiscayneBay.Swart.1996](https://lipdverse.org/data/uCCFwPRmrmi8PZwFL0GE/1_0_5/) | 1.0.5 | 25.3800 | -80.1700 | Coral | d18O | Peter Koenraad Swart, Dodge, and Hudson (1996); Tierney et al. (2015) |
| [Ocn-BuccooReefTobagoMontastrea.Moses.2006](https://lipdverse.org/data/PxB0uvmdOcFAKSz0SJLB/1_0_6/) | 1.0.6 | 11.1700 | -60.8500 | Coral | d18O, d13C | C. S. Moses and Swart (2006) |
| [Ocn-BuccooReefTobagoSidereastrea.Moses.2006](https://lipdverse.org/data/An6v2IzzcgaScZNxCIZd/1_0_6/) | 1.0.6 | 11.1700 | -60.8500 | Coral | d18O, d13C | C. S. Moses and Swart (2006) |
| [Ocn-BunakenIsland.Charles.2003](https://lipdverse.org/data/0Fu8raGb33rs9Vl3qUiV/1_0_5/) | 1.0.5 | -1.5000 | 124.8330 | Coral | d18O | Christopher D. Charles et al. (2003); Tierney et al. (2015) |
| [Ocn-BundegireefNingaloo.Cooper.2012](https://lipdverse.org/data/dUS8C7vwy67mYlS15C2a/1_0_7/) | 1.0.7 | -21.8333 | 114.1833 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-CH07-98-MC-22.Saenger.2011](https://lipdverse.org/data/BPY3XE3VHdVMs5Tt5tWV/1_1_1/) | 1.1.1 | 32.7840 | -76.2760 | MarineSediment | Mg/Ca | Saenger et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-CapeGhir.Doose-Rolinski.2007](https://lipdverse.org/data/EE2x63rF2rsgKIyH8wSm/1_0_6/) | 1.0.6 | 30.8500 | -10.2685 | MarineSediment | alkenone | Kim et al. (2007); Helen V. McGregor et al. (2015) |
| [Ocn-CapeGhir.McGregor.2007](https://lipdverse.org/data/eOlD6N5fs6stvrzio8rR/1_0_7/) | 1.0.7 | 30.8450 | -10.0983 | MarineSediment | alkenone | H. V. McGregor et al. (2007); Helen V. McGregor et al. (2015) |
| [Ocn-CapeHatteras.Cleroux.2008](https://lipdverse.org/data/mqWFMVjF5kgHclz3KtRE/1_0_7/) | 1.0.7 | 34.9730 | -75.2010 | MarineSediment | Mg/Ca | Cl’eroux et al. (2008); Helen V. McGregor et al. (2015) |
| [Ocn-CariacoBasin.Black.2007](https://lipdverse.org/data/cwln40BWcNkJLyDf04vq/1_0_9/) | 1.0.9 | 10.7700 | -64.7700 | MarineSediment | Mg/Ca | Black et al. (2007); Helen V. McGregor et al. (2015) |
| [Ocn-CariacoBasin.Lea.2003](https://lipdverse.org/data/EATCVYK7twA9HRuMe3kd/1_0_8/) | 1.0.8 | 10.7000 | -64.9400 | MarineSediment | Mg/Ca | Lea et al. (2003); Helen V. McGregor et al. (2015) |
| [Ocn-ChileanMargin.Lamy.2002](https://lipdverse.org/data/cH7Mv23Qz21IF5gzBZXu/1_0_9/) | 1.0.9 | -41.0000 | -74.4500 | MarineSediment | alkenone | Lamy et al. (2002); Helen V. McGregor et al. (2015) |
| [Ocn-ClerkeReefRowleyShoals.Cooper.2012](https://lipdverse.org/data/4T0Dpc9xprZ1D4wFxSV8/1_0_8/) | 1.0.8 | -17.2667 | 119.3667 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-Clipperton1b.Wu.2014](https://lipdverse.org/data/LmlQIGdCjwklOyMEgm52/1_0_6/) | 1.0.6 | 10.2773 | -109.2131 | Coral | d18O, Sr/Ca | H. C. Wu et al. (2014) |
| [Ocn-Clipperton2b.Wu.2014](https://lipdverse.org/data/7W9hadnVAMyEePFje9HL/1_0_6/) | 1.0.6 | 10.2773 | -109.2131 | Coral | Sr/Ca | H. C. Wu et al. (2014) |
| [Ocn-Clipperton4b.Wu.2014](https://lipdverse.org/data/ICXAbc8BMVyg8XYHLTQz/1_0_6/) | 1.0.6 | 10.2773 | -109.2131 | Coral | Sr/Ca | H. C. Wu et al. (2014) |
| [Ocn-Clipperton6a.Wu.2014](https://lipdverse.org/data/JUQQPRCkD7a8lxHLUTFZ/1_0_6/) | 1.0.6 | 10.2773 | -109.2131 | Coral | Sr/Ca | H. C. Wu et al. (2014) |
| [Ocn-ClippertonAtoll.Linsley.2000](https://lipdverse.org/data/4dAJx1PANL8GCgXrQ66m/1_0_7/) | 1.0.7 | 10.2773 | -109.2131 | Coral | d18O, d13C | Linsley et al. (2000); Tierney et al. (2015) |
| [Ocn-CoralBayNingaloo.Cooper.2012](https://lipdverse.org/data/PQ7krWaRMv1C6H2LPcq0/1_0_6/) | 1.0.6 | -23.0333 | 113.8167 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-CoralSea.Calvo.2007](https://lipdverse.org/data/QUJdzhdRzOBaDuEI4d7u/1_0_5/) | 1.0.5 | -17.7300 | 148.4300 | Coral | d18O, Sr/Ca | Calvo et al. (2007) |
| [Ocn-DoubleReef.Asami.2005](https://lipdverse.org/data/afZ0M1nnEXSX8vSJISOl/1_0_5/) | 1.0.5 | 13.5982 | 144.8359 | Coral | d18O | Asami et al. (2005); Tierney et al. (2015) |
| [Ocn-DryTortugas.DeLong.2014](https://lipdverse.org/data/MgEf9hXkljv4lIOIYqEK/1_0_5/) | 1.0.5 | 24.6000 | -82.3000 | Coral | Sr/Ca | DeLong et al. (2014); Tierney et al. (2015) |
| [Ocn-DryTortugas.Lund.2006](https://lipdverse.org/data/A6cGZ3oNoRhBubgKYci0/1_0_8/) | 1.0.8 | 24.5900 | -83.5800 | MarineSediment | Mg/Ca | Lund and Curry (2006); Helen V. McGregor et al. (2015) |
| [Ocn-DryTortugasA.Lund.2006](https://lipdverse.org/data/sutJX9nKPhaxAAXWChZF/1_1_1/) | 1.1.1 | 24.3300 | -83.2600 | MarineSediment | Mg/Ca | Lund and Curry (2006); Helen V. McGregor et al. (2015) |
| [Ocn-EasternTropicalNorthAtlantic.Kuhnert.2011](https://lipdverse.org/data/vgtaExltRJ0pDi92L82P/1_0_9/) | 1.0.9 | 16.8402 | -16.7327 | MarineSediment | Mg/Ca | Henning Kuhnert and Mulitza (2011); Helen V. McGregor et al. (2015) |
| [Ocn-EmeraldBasin.Keigwin.2003](https://lipdverse.org/data/TZdDSROs7Tr8FfE42KC6/1_0_5/) | 1.0.5 | 45.8900 | -62.8000 | MarineSediment | alkenone | Keigwin, Sachs, and Rosenthal (2003); Helen V. McGregor et al. (2015) |
| [Ocn-EmeraldBasin.Keigwin.2007](https://lipdverse.org/data/VUIkWLB42tFB15p6P0WH/1_0_7/) | 1.0.7 | 43.5300 | -62.4800 | MarineSediment | alkenone | Sachs (2007); Helen V. McGregor et al. (2015) |
| [Ocn-FeniDrift.Richter.2009](https://lipdverse.org/data/IVVTVphliHduuTjQhlTM/1_0_9/) | 1.0.9 | 55.5000 | -13.9000 | MarineSediment | Mg/Ca | Richter, Peeters, and van Weering (2009); Helen V. McGregor et al. (2015) |
| [Ocn-FiskBasin.Richey.2009](https://lipdverse.org/data/zk0XZzn2ZiAqlHK8LgiO/1_0_8/) | 1.0.8 | 27.5500 | -93.9300 | MarineSediment | Mg/Ca | Richey et al. (2009); Helen V. McGregor et al. (2015) |
| [Ocn-FloridaBay.Swart.1996](https://lipdverse.org/data/YPELMcktES9xJGR0HqGM/1_0_6/) | 1.0.6 | 24.9300 | -80.7500 | Coral | d18O, d13C | Peter K. Swart et al. (1996); Tierney et al. (2015) |
| [Ocn-GBR.Wei.2009](https://lipdverse.org/data/b5AwaU3ejQu1AMv1GrZO/1_0_6/) | 1.0.6 | -16.7167 | 146.0333 | Coral | d18O, Sr/Ca, d13C | Wei et al. (2009) |
| [Ocn-GarrisonBasin.Richey.2009](https://lipdverse.org/data/B1oaBUpFaXkPIoa4TjdC/1_0_7/) | 1.0.7 | 26.6800 | -93.9300 | MarineSediment | Mg/Ca | Richey et al. (2009); Helen V. McGregor et al. (2015) |
| [Ocn-GingerbreadsBahamas.Saenger.2009](https://lipdverse.org/data/aumxeNse6c6rZcKl2fjP/1_0_5/) | 1.0.5 | 25.8400 | -78.6200 | Coral | calcification rate | Saenger et al. (2009); Tierney et al. (2015) |
| [Ocn-GreatBahamaBank.Lund.2006](https://lipdverse.org/data/kvfuw9o3bPrJpjmi5HzS/1_1_1/) | 1.1.1 | 24.7650 | -79.2900 | MarineSediment | Mg/Ca | Lund and Curry (2006); Helen V. McGregor et al. (2015) |
| [Ocn-GreatBahamaBank.Richter.2006](https://lipdverse.org/data/aPi4FnxHT5pPhd7Fie2z/1_1_1/) | 1.1.1 | 24.5800 | -79.2600 | MarineSediment | Mg/Ca | Lund and Curry (2006); Helen V. McGregor et al. (2015) |
| [Ocn-GreatBarrierReef.Hendy.2002](https://lipdverse.org/data/JFnLQsVkSFk7JTcfNsaL/1_0_6/) | 1.0.6 | -18.3150 | 146.5950 | Coral | Sr/Ca | Hendy et al. (2002); Helen V. McGregor et al. (2015) |
| [Ocn-Guadeloupe.Steinhilber.2010](https://lipdverse.org/data/XjodChDTfzumKfCZ7kMp/1_0_6/) | 1.0.6 | 16.2000 | -61.4900 | Coral | d18O, Sr/Ca | S. Hetzinger et al. (2010); Tierney et al. (2015) |
| [Ocn-GulfofGuinea.Weldeab.2007](https://lipdverse.org/data/8DrQKrJeEANJeVRmqwSv/1_0_9/) | 1.0.9 | 2.5000 | 9.3800 | MarineSediment | Mg/Ca | Weldeab et al. (2007); Helen V. McGregor et al. (2015) |
| [Ocn-GulfofMaine.Wanamaker.2007](https://lipdverse.org/data/0Ty02Bf6SVgd3023WClZ/1_0_6/) | 1.0.6 | 43.6561 | -69.8017 | MarineSediment | d18O | Wanamaker et al. (2007) |
| [Ocn-HaferaIsland.Wu.2013](https://lipdverse.org/data/7Vpi014iQcSWKoTQMLe8/1_0_6/) | 1.0.6 | -19.9333 | -174.7167 | Coral | Sr/Ca | H. C. Wu et al. (2013); Tierney et al. (2015) |
| [Ocn-HoutmanAbrolhos.Kuhnert.1999](https://lipdverse.org/data/LcuHzZjcWRBIfFfzw1Xn/1_0_7/) | 1.0.7 | -28.4700 | 113.7700 | Coral | d18O, d13C | H. Kuhnert et al. (1999); Tierney et al. (2015) |
| [Ocn-HoutmanAbrolhosHAB05B.Zinke.2014](https://lipdverse.org/data/oMrJt3X69j8Eg6cp6d5i/1_0_6/) | 1.0.6 | -28.4609 | 113.7720 | Coral | Sr/Ca | Zinke, Rountrey, et al. (2014) |
| [Ocn-HoutmanAbrolhosHAB10A.Zinke.2014](https://lipdverse.org/data/te8vD8CX5yF6DxXm2EPx/1_0_6/) | 1.0.6 | -28.4589 | 113.7490 | Coral | d18O, Sr/Ca | Zinke, Rountrey, et al. (2014) |
| [Ocn-HoutmanAbrolhosIslands.Cooper.2012](https://lipdverse.org/data/Y7kBlGFYqjwnAIrAGPSd/1_0_6/) | 1.0.6 | -28.4667 | 113.7667 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-Ifaty1.Zinke.2014](https://lipdverse.org/data/DcsJyAPdhrDHNERrmmF8/1_0_5/) | 1.0.5 | -23.1500 | 43.5800 | Coral | d18O | Zinke, Loveday, et al. (2014) |
| [Ocn-Ifaty4.Zinke.2004](https://lipdverse.org/data/25YFZl7i2sTwq2yn4F1u/1_0_5/) | 1.0.5 | -23.1500 | 43.5800 | Coral | d18O | Zinke et al. (2004); Tierney et al. (2015) |
| [Ocn-IfatyTul3.Zinke.2014](https://lipdverse.org/data/qTLNiGawxQ4fioSpngI3/1_0_5/) | 1.0.5 | -23.3572 | 43.6195 | Coral | d18O | Zinke, Loveday, et al. (2014) |
| [Ocn-ImperieuseRowleyShoals.Cooper.2012](https://lipdverse.org/data/AxMfZsUTBnj3jvAxk87W/1_0_7/) | 1.0.7 | -17.5167 | 118.9667 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-JacafFjord.Sepulveda.2009](https://lipdverse.org/data/x4LnvIvrP1M3uIPmFt7z/1_0_9/) | 1.0.9 | -44.3300 | -72.9700 | MarineSediment | alkenone | Sep’ulveda et al. (2009); Helen V. McGregor et al. (2015) |
| [Ocn-KNR140‐2‐59GGC.Saenger.2011](https://lipdverse.org/data/LWMacSAPYEQM8YUeoid0/1_1_1/) | 1.1.1 | 32.9770 | -76.3160 | MarineSediment | Mg/Ca | Saenger et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-Kiritimati.Evans.1998](https://lipdverse.org/data/r1KrEuEwfDwInsLmaGGu/1_0_6/) | 1.0.6 | 1.6792 | -157.2473 | Coral | d18O, d13C | Evans, Fairbanks, and Rubenstone (1998) |
| [Ocn-KuroshioCurrent.Isono.2009](https://lipdverse.org/data/27KJf5l4wLF9SUwXMS5c/1_0_9/) | 1.0.9 | 36.0300 | 141.7800 | MarineSediment | alkenone | Isono et al. (2009); Helen V. McGregor et al. (2015) |
| [Ocn-LaingIslandPapuaNewGuinea.Tudhope.2001](https://lipdverse.org/data/mC3atfdldWXU1HdElIxX/1_0_5/) | 1.0.5 | -4.1500 | 144.8833 | Coral | d18O | Alexander W. Tudhope et al. (2001); Tierney et al. (2015) |
| [Ocn-LaurentianFan.Keigwin.2005](https://lipdverse.org/data/htv9dcbkr9eUyO1T61xH/1_0_8/) | 1.0.8 | 43.4800 | -54.8700 | MarineSediment | alkenone | Keigwin et al. (2005); Helen V. McGregor et al. (2015) |
| [Ocn-Lombok.Charles.2003](https://lipdverse.org/data/mg24UxhRN2fmBkvuZsZM/1_0_5/) | 1.0.5 | -8.2473 | 115.5757 | Coral | d18O | Christopher D. Charles et al. (2003); Tierney et al. (2015) |
| [Ocn-LosRoques.Hetzinger.2008](https://lipdverse.org/data/64oGy51dj5nbd2bbYHEE/1_0_5/) | 1.0.5 | 11.7700 | -66.7500 | Coral | d18O | Steffen Hetzinger et al. (2008) |
| [Ocn-MD95-2011.Grimalt.2002](https://lipdverse.org/data/KgZr9tOvN4plV19HIxq2/1_0_6/) | 1.0.6 | 66.9700 | 7.6300 | MarineSediment | alkenone | Calvo, Grimalt, and Jansen (2002); Helen V. McGregor et al. (2015) |
| [Ocn-MD98-2160.Newton.2010](https://lipdverse.org/data/lCJZ79qqqR7VRGLhRGLc/1_0_5/) | 1.0.5 | -5.2012 | 117.4867 | MarineSediment | Mg/Ca | Newton, Thunell, and Stott (2010) |
| [Ocn-MD98-2177.Newton.2010](https://lipdverse.org/data/f13H97f2UOPQfYH4O2M2/1_0_5/) | 1.0.5 | 1.4033 | 119.0780 | MarineSediment | Mg/Ca | Newton, Thunell, and Stott (2010); Helen V. McGregor et al. (2015) |
| [Ocn-MadangLagoonPapuaNewGuinea.Kuhnert.2001](https://lipdverse.org/data/m8yv2VgG97zJmSg3XhqQ/1_0_5/) | 1.0.5 | -5.2167 | 145.8167 | Coral | d18O | Alexander W. Tudhope et al. (2001); Tierney et al. (2015) |
| [Ocn-MadangLagoonPapuaNewGuinea.Tudhope.1995](https://lipdverse.org/data/nfXaC5deSeGO3Vg6AI5Y/1_0_5/) | 1.0.5 | -5.2200 | 145.8200 | Coral | d18O | A. W. Tudhope et al. (1995) |
| [Ocn-Mafia.Damassa.2006](https://lipdverse.org/data/ggiVVGFvJKfT1rIbXfYq/1_0_5/) | 1.0.5 | -8.0167 | 39.5000 | Coral | d18O | Damassa et al. (2006); Tierney et al. (2015) |
| [Ocn-Mahe.Charles.1997](https://lipdverse.org/data/ITsvXkQpRty6xRuM1bpI/1_0_5/) | 1.0.5 | -4.6200 | 55.0000 | Coral | d18O | C. D. Charles, Hunter, and Fairbanks (1997); Tierney et al. (2015) |
| [Ocn-Maiana.Urban.2000](https://lipdverse.org/data/lcCanr8ocCJEjWbRmuXx/1_0_5/) | 1.0.5 | 1.0000 | 173.0000 | Coral | d18O | Urban, Cole, and Overpeck (2000); Tierney et al. (2015) |
| [Ocn-MakassarStrait.Linsley.2010](https://lipdverse.org/data/YvVYhXicYxo07RO1fx3W/1_0_7/) | 1.0.7 | -7.4000 | 115.2000 | MarineSediment | Mg/Ca | Linsley, Rosenthal, and Oppo (2010); Helen V. McGregor et al. (2015) |
| [Ocn-MakassarStrait.Oppo.2009](https://lipdverse.org/data/CnsnHDQ8t4BqYd21Nle1/1_0_7/) | 1.0.7 | -3.5300 | 119.2000 | MarineSediment | Mg/Ca | Oppo, Rosenthal, and Linsley (2009); Helen V. McGregor et al. (2015) |
| [Ocn-Malindi.Cole.2000](https://lipdverse.org/data/YLFmFrWNwDEkROTo0KEG/1_0_5/) | 1.0.5 | -3.2000 | 40.1000 | Coral | d18O | Cole et al. (2000); Auer et al. (2015) |
| [Ocn-Malindi.Nakamura.2009](https://lipdverse.org/data/8OM2LD4AkILDPXk8QCGv/1_0_5/) | 1.0.5 | -3.2000 | 40.1000 | Coral | d18O | Nakamura et al. (2009); Tierney et al. (2015) |
| [Ocn-MaloChannelEspirituSantoIsland.Kilbourne.2004](https://lipdverse.org/data/LPj78egHvC0LXqVm73JJ/1_0_7/) | 1.0.7 | -15.7000 | 167.2000 | Coral | d18O, Sr/Ca, d13C | K. Halimeda Kilbourne et al. (2004); Tierney et al. (2015) |
| [Ocn-Mayotte.Zinke.2008](https://lipdverse.org/data/lbHSkWE39gmGdX5bg70V/1_0_6/) | 1.0.6 | -12.6500 | 45.1000 | Coral | d18O, d13C, Sr/Ca | Zinke et al. (2008); Tierney et al. (2015) |
| [Ocn-MentawaiIslands.Abram.2008](https://lipdverse.org/data/mW3qQGmBUGGQiJ6NUCFJ/1_0_5/) | 1.0.5 | -0.1300 | 98.5200 | Coral | d18O | Abram et al. (2008); Tierney et al. (2015) |
| [Ocn-MinorcaContourite.Moreno.2012](https://lipdverse.org/data/0aKTjXiLVTdaErc7kgdD/1_0_10/) | 1.0.10 | 40.5000 | 4.0300 | MarineSediment | alkenone | Moreno et al. (2012); Helen V. McGregor et al. (2015) |
| [Ocn-Miyanohama.Felis.2009](https://lipdverse.org/data/Y0bLO0QNOCHwb7hsD6z7/1_0_6/) | 1.0.6 | 27.1059 | 142.1941 | Coral | d18O, Sr/Ca, d13C | Felis et al. (2009); Tierney et al. (2015) |
| [Ocn-MontegoBayJamaica.Haase-Schramm.2003](https://lipdverse.org/data/uCoISsIVSCeYOMwV1q6n/1_0_6/) | 1.0.6 | 18.4667 | -77.9500 | Sclerosponge | d18O, Sr/Ca | Haase-Schramm et al. (2003) |
| [Ocn-Moorea.Boiseau.1998](https://lipdverse.org/data/giFn8xH6uWftP06dSlGQ/1_0_6/) | 1.0.6 | -17.5000 | -149.8333 | Coral | d18O | Boiseau et al. (1998); Tierney et al. (2015) |
| [Ocn-Nauru.Guilderson.1999](https://lipdverse.org/data/mnmibBsW0WoYZ7gLBUp5/1_0_6/) | 1.0.6 | -0.5330 | 166.9283 | Coral | d18O, d13C | Guilderson and Schrag (1999); Tierney et al. (2015) |
| [Ocn-NewIrelandPapua.Alibert.2008](https://lipdverse.org/data/RY1UYOA686pVeV8mHd7V/1_0_5/) | 1.0.5 | -2.5000 | 150.5000 | Coral | Sr/Ca | Alibert and Kinsley (2008); Tierney et al. (2015) |
| [Ocn-Ningaloo.Kuhnert.2000](https://lipdverse.org/data/3ad83kkkuFU2VN7wxotp/1_0_7/) | 1.0.7 | -21.9050 | 113.9650 | Coral | d18O, d13C | H. Kuhnert et al. (2000); Tierney et al. (2015) |
| [Ocn-NorthEastBreakers\_Bermuda.Kuhnert.2002](https://lipdverse.org/data/16wIU60ElgHxTZJfzWqt/1_0_6/) | 1.0.6 | 32.4700 | -64.7000 | Coral | d18O, Sr/Ca | Henning Kuhnert et al. (2002) |
| [Ocn-NorthEastBreakers\_Bermuda.Kuhnert.2005](https://lipdverse.org/data/SXWdj0ru7IbEPJLwtPN7/1_0_6/) | 1.0.6 | 32.4670 | -64.7000 | Coral | d18O, Sr/Ca | Henning Kuhnert, Crüger, and Pätzold (2005); Tierney et al. (2015) |
| [Ocn-NorthIceland.Sicre.2011](https://lipdverse.org/data/3sGkjc4MYy2tfqDvtaSM/1_0_9/) | 1.0.9 | 66.5500 | -17.4200 | MarineSediment | alkenone | Sicre et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-NorthwestPacificOcean.Harada.2004](https://lipdverse.org/data/ZnjFTWVy1gCPro9jyzNo/1_0_8/) | 1.0.8 | 46.3200 | 152.5300 | MarineSediment | alkenone | Harada et al. (2004); Helen V. McGregor et al. (2015) |
| [Ocn-ODP984.Came.2007](https://lipdverse.org/data/7ioqb5LHjkmCLgO5cGG4/1_0_6/) | 1.0.6 | 61.4300 | -24.0850 | MarineSediment | Mg/Ca | Came, Oppo, and McManus (2007); Helen V. McGregor et al. (2015) |
| [Ocn-OkinawaTrough.Wu.2012](https://lipdverse.org/data/8jpF7dxkq8R4rgmP99TW/1_0_8/) | 1.0.8 | 24.8000 | 122.5000 | MarineSediment | TEX86 | W. Wu et al. (2012); Helen V. McGregor et al. (2015) |
| [Ocn-PalauRockIslands.Osborne.2014](https://lipdverse.org/data/NYebcVMhhNfVjbl3gEzC/1_0_6/) | 1.0.6 | 7.2708 | 134.3837 | Coral | d18O, d13C | Osborne et al. (2014); Tierney et al. (2015) |
| [Ocn-PalauUlongChannel.Osborne.2014](https://lipdverse.org/data/EpsQ5r4bAx9gyOdKmvLr/1_0_6/) | 1.0.6 | 7.2859 | 134.2503 | Coral | d18O, d13C | Osborne et al. (2014); Tierney et al. (2015) |
| [Ocn-Palmyra.Cobb.2013](https://lipdverse.org/data/ZA2B9QoiR70l4hEMXItG/1_0_7/) | 1.0.7 | 5.8700 | -162.1300 | Coral | d18O | Cobb, Charles, Cheng, and Edwards (2003); Cobb, Charles, Cheng, Kastner, et al. (2003); Cobb et al. (2013); Cobb, Charles, and Hunter (2001); Tierney et al. (2015) |
| [Ocn-Palmyra.Nurhati.2011](https://lipdverse.org/data/tSHGSSAVKOdudrPIGtsq/1_0_6/) | 1.0.6 | 5.8700 | -162.1300 | Coral | d18O, Sr/Ca | Nurhati, Cobb, and Di Lorenzo (2011); Tierney et al. (2015) |
| [Ocn-PedradeLume-CapeVerdeIslands.Moses.2006](https://lipdverse.org/data/HH7jd52QFWaBgs9OvMqP/1_0_5/) | 1.0.5 | 16.7600 | -22.8883 | Coral | d18O | Christopher S. Moses, Swart, and Rosenheim (2006) |
| [Ocn-PedroBankJamaica.Haase-Schramm.2003](https://lipdverse.org/data/cVDlWTKTMGjWiA3E8Whk/1_0_6/) | 1.0.6 | 17.5333 | -78.9500 | Sclerosponge | d18O, Sr/Ca | Haase-Schramm et al. (2003) |
| [Ocn-Philippines.Stott.2007](https://lipdverse.org/data/RRh3T4NCsf4MgrxhXbJq/1_0_5/) | 1.0.5 | 6.3000 | 125.8200 | MarineSediment | Mg/Ca | Stott, Timmermann, and Thunell (2007); Helen V. McGregor et al. (2015) |
| [Ocn-PigmyBasin.Richey.2015](https://lipdverse.org/data/Gp1wr67LDcEHmn1RqfEr/1_0_6/) | 1.0.6 | 27.2000 | -91.4200 | MarineSediment | Mg/Ca | Helen V. McGregor et al. (2015) |
| [Ocn-PuntaMaroma.Vasquez-Bedoya.2012](https://lipdverse.org/data/PKqray0JH7seqXY3UOi1/1_0_7/) | 1.0.7 | 20.8300 | -86.7400 | Coral | calcification rate | Vasquez-Bedoya et al. (2012); Tierney et al. (2015) |
| [Ocn-RAPiD-12-1K.Thornalley.2009](https://lipdverse.org/data/2KyS7ZIHZdX6MVMAqycc/1_0_8/) | 1.0.8 | 62.0800 | -17.8200 | MarineSediment | Mg/Ca | Thornalley, Elderfield, and McCave (2009); Helen V. McGregor et al. (2015) |
| [Ocn-Rabaul.Quinn.2006](https://lipdverse.org/data/qdeYKHwTRO2i8OjKbkrG/1_0_6/) | 1.0.6 | -4.1916 | 151.9772 | Coral | d18O, Sr/Ca, d13C | Quinn, Taylor, and Crowley (2006); Tierney et al. (2015) |
| [Ocn-RarotongaSrCa2r.Linsley.2006](https://lipdverse.org/data/42Y3dTVrfgNSXw8sxdjK/1_0_5/) | 1.0.5 | -21.2378 | -159.8278 | Coral | Sr/Ca | Linsley et al. (2006); Tierney et al. (2015) |
| [Ocn-Rarotonga\_d18O2R.Linsley.2006](https://lipdverse.org/data/naORfhZh63chmKeZfEEb/1_0_6/) | 1.0.6 | -21.2378 | -159.8278 | Coral | d18O, d13C | Linsley et al. (2006); Tierney et al. (2015) |
| [Ocn-Rarotonga\_d18O3R.Linsley.2006](https://lipdverse.org/data/DsyeOkTQsjzGoquEy6yg/1_0_6/) | 1.0.6 | -21.2378 | -159.8278 | Coral | d18O, d13C | Linsley et al. (2006); Tierney et al. (2015) |
| [Ocn-Rarotonga\_d18O99.Linsley.2006](https://lipdverse.org/data/I4x6h14gYLxI0uZAKd7D/1_0_6/) | 1.0.6 | -21.2378 | -159.8278 | Coral | d18O, d13C | Linsley et al. (2006) |
| [Ocn-RedSea.Felis.2000](https://lipdverse.org/data/4fZQAHmeuJn8ipLfurWv/1_0_6/) | 1.0.6 | 27.8500 | 34.3200 | Coral | d18O | Felis et al. (2000); Tierney et al. (2015) |
| [Ocn-Reunion.Pfeiffer.2004](https://lipdverse.org/data/iYNO0xVvso6KyHaABuL6/1_0_6/) | 1.0.6 | -21.0333 | 55.2500 | Coral | d18O | Pfeiffer et al. (2004); Tierney et al. (2015) |
| [Ocn-SWCoastOfIndia.Saraswat.2013](https://lipdverse.org/data/J9XHV5d6QUVYotrxxaFq/1_0_8/) | 1.0.8 | 10.9800 | 74.9993 | MarineSediment | Mg/Ca | Saraswat et al. (2013); Helen V. McGregor et al. (2015) |
| [Ocn-SantaBarbaraBasin.Zhao.2000](https://lipdverse.org/data/UCTYDelVNjW7SrHMxIRk/1_0_8/) | 1.0.8 | 34.2300 | -120.0200 | MarineSediment | alkenone | Zhao et al. (2000); Helen V. McGregor et al. (2015) |
| [Ocn-SavusavuBay1F.Linsley.2006](https://lipdverse.org/data/8pJ18fkkg0KCwSLcJycU/1_0_5/) | 1.0.5 | -16.8167 | 179.2333 | Coral | d18O, Sr/Ca | Linsley et al. (2006); Tierney et al. (2015) |
| [Ocn-SavusavuBayAB.Linsley.2006](https://lipdverse.org/data/wYpxFR9Pyv4J9dA8bfh9/1_0_5/) | 1.0.5 | -16.8167 | 179.2333 | Coral | d18O | Linsley et al. (2006); Tierney et al. (2015) |
| [Ocn-SavusavuBayFiji.Bagnato.2005](https://lipdverse.org/data/xrxmt5mo87aEy7bal7Fj/1_0_5/) | 1.0.5 | -16.8200 | 179.2300 | Coral | d18O | Bagnato et al. (2005); Tierney et al. (2015) |
| [Ocn-SecasIslandPanama.Linsley.1994](https://lipdverse.org/data/4vvDhRjTIfMR5ceawqJS/1_0_5/) | 1.0.5 | 7.9500 | -82.0000 | Coral | d18O | Linsley et al. (1994); Tierney et al. (2015) |
| [Ocn-SinaiPeninsula,RedSea.Moustafa.2000](https://lipdverse.org/data/wH1adV7y36OC0h3kwDRF/1_0_6/) | 1.0.6 | 27.8483 | 34.3100 | Coral | d18O | Moustafa et al. (2000); Tierney et al. (2015) |
| [Ocn-SouthAtlanticWestAfrica.Leduc.2010](https://lipdverse.org/data/XxSv0OeDCYmffRYsQN3o/1_0_9/) | 1.0.9 | -29.1400 | 16.7200 | MarineSediment | alkenone | Leduc et al. (2010); Helen V. McGregor et al. (2015) |
| [Ocn-SouthChinaSea.Zhao.2006](https://lipdverse.org/data/hu8LqiYrymV5Kvh1ToAX/1_0_8/) | 1.0.8 | 8.7300 | 109.8690 | MarineSediment | alkenone | Zhao et al. (2006); Helen V. McGregor et al. (2015) |
| [Ocn-SouthIceland.Sicre.2011](https://lipdverse.org/data/QGoY3yYiZxMwS4dcUOqW/1_0_7/) | 1.0.7 | 57.4500 | -27.9100 | MarineSediment | alkenone | Sicre et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-SouthernChileMargin.Mohtadi.2007](https://lipdverse.org/data/gH7xzw4qkBJbKR7ECqaj/1_0_9/) | 1.0.9 | -44.1500 | -75.1600 | MarineSediment | alkenone | Mohtadi et al. (2007); Helen V. McGregor et al. (2015) |
| [Ocn-SubTropicalEasternNorthAtlantic.deMenocal.2000](https://lipdverse.org/data/vPIaDPIMGRl3Pe28wPsH/1_0_8/) | 1.0.8 | 20.7500 | -18.5833 | MarineSediment | foraminifera | deMenocal et al. (2000); Helen V. McGregor et al. (2015) |
| [Ocn-TagusMudPatch.Abrantes.2005](https://lipdverse.org/data/3K6CJrZA3AzOYnrDlY0I/1_0_10/) | 1.0.10 | 38.5560 | -9.3498 | MarineSediment | alkenone | F. Abrantes et al. (2005); Helen V. McGregor et al. (2015) |
| [Ocn-TantabiddiReefNingaloo.Cooper.2012](https://lipdverse.org/data/nlZLowi2AqBuv0Gp46th/1_0_7/) | 1.0.7 | -21.9000 | 113.9667 | Coral | calcification rate | Cooper and Lough (2012) |
| [Ocn-Tarawa.Cole.1990](https://lipdverse.org/data/Cq9oZInXbgN1c9ZQ1kUG/1_0_5/) | 1.0.5 | 1.0000 | 172.0000 | Coral | d18O | Cole and Fairbanks (1990); Tierney et al. (2015) |
| [Ocn-TongueoftheOcean.Rosenheim.2005](https://lipdverse.org/data/sbAcDnElITqfgzjS2UvK/1_0_5/) | 1.0.5 | 23.5040 | -76.5770 | Sclerosponge | d18O, Sr/Ca | Rosenheim et al. (2005) |
| [Ocn-TongueoftheOceanExuma.Rosenheim.2005](https://lipdverse.org/data/0uFbi6ioaAGZauZPIe49/1_0_5/) | 1.0.5 | 23.7660 | -76.0530 | Sclerosponge | d18O, Sr/Ca | Rosenheim et al. (2005) |
| [Ocn-TurrumoteReefPuertoRico.Kilbourne.2008](https://lipdverse.org/data/f01nLhWrK79GaeGd07hp/1_0_6/) | 1.0.6 | 17.9300 | -67.0000 | Coral | d18O, Sr/Ca, d13C | K. H. Kilbourne et al. (2008); Tierney et al. (2015) |
| [Ocn-UrvinaBay.Dunbar.1994](https://lipdverse.org/data/cQjZafljfSW19guiamVm/1_0_6/) | 1.0.6 | -0.4000 | -91.2300 | Coral | d18O | Dunbar et al. (1994); Tierney et al. (2015) |
| [Ocn-Vanuatu.Gorman.2012](https://lipdverse.org/data/EZIGAmqkV9edwhpUHk0k/1_0_7/) | 1.0.7 | -15.9400 | 166.0400 | Coral | d18O, d13C | Gorman et al. (2012); Tierney et al. (2015) |
| [Ocn-Vanuatu.Quinn.1996](https://lipdverse.org/data/RfCfN5MolDB1fzeOrUCc/1_0_5/) | 1.0.5 | -15.0000 | 166.9900 | Coral | d18O | Quinn, Crowley, and Taylor (1996); Tierney et al. (2015) |
| [Ocn-WEqPacific.Stott.2007](https://lipdverse.org/data/TjhHrDv0LQ4aazHolZkR/1_0_5/) | 1.0.5 | -5.0000 | 133.4400 | MarineSediment | Mg/Ca | Stott, Timmermann, and Thunell (2007); Helen V. McGregor et al. (2015) |
| [Ocn-WestSpitzberg.Bonnet.2010](https://lipdverse.org/data/BS7XgI1OSZrHWHMRy5WG/1_0_8/) | 1.0.8 | 78.9600 | 5.8850 | MarineSediment | dinocyst | Bonnet et al. (2010); Helen V. McGregor et al. (2015) |
| [Ocn-WesternAntarcticPeninsula.Shevenell.2011](https://lipdverse.org/data/I9GSSePbSk7YkO5DKRh5/1_0_7/) | 1.0.7 | -64.8700 | -64.2000 | MarineSediment | TEX86 | Shevenell et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-WesternSvalbard.Spielhagen.2011](https://lipdverse.org/data/gbp24796YfnFUaA8S2OD/1_0_8/) | 1.0.8 | 78.9100 | 6.7700 | MarineSediment | foraminifera | Spielhagen et al. (2011); Helen V. McGregor et al. (2015) |
| [Ocn-XishaIslandSouthChinaSea.Sun.2004](https://lipdverse.org/data/cYeN21zJHuTYfl68zij6/1_0_5/) | 1.0.5 | 16.8500 | 112.3300 | Coral | Sr/Ca | Sun et al. (2004) |
| [SAm-CentralAndes11.PAGES2k.2011](https://lipdverse.org/data/8X4Nx5kjpa4SskGBiN2g/1_0_6/) | 1.0.6 | -40.1000 | -72.0500 | Wood | ring width | Missing citation metadata |
| [SAm-CentralAndes15.Neukom.2014](https://lipdverse.org/data/rqISE701EzXI98lYk9Rz/1_0_6/) | 1.0.6 | -41.1700 | -71.9200 | Wood | ring width | Neukom et al. (2014) |
| [SAm-CentralAndes6.Villalba.2014](https://lipdverse.org/data/kKzLlizpmyzsJMURhn28/1_0_5/) | 1.0.5 | -38.5000 | -71.5000 | Wood | ring width | Neukom et al. (2014) |
| [SAm-CentralAndes9.Mundo.2014](https://lipdverse.org/data/1sBlNAj9v6nNsbFdGSkT/1_0_6/) | 1.0.6 | -39.3300 | -71.2500 | Wood | ring width | Neukom et al. (2014) |
| [SAm-LagunaAculeo.vonGunten.2009](https://lipdverse.org/data/t54vU2X7p9qBScBKbtrL/1_0_9/) | 1.0.9 | -33.8500 | -70.9200 | LakeSediment | reflectance | von Gunten et al. (2009) |
| [SAm-LagunaChepical.deJong.2013](https://lipdverse.org/data/q2gxQ5kftAQDr0RYixYU/1_0_8/) | 1.0.8 | -32.2667 | -70.5000 | LakeSediment | reflectance | de Jong et al. (2013) |
| [SAm-LagunaEscondida.Elbert.2013](https://lipdverse.org/data/BvhiIqoHHRWrq5lSZkBy/1_0_9/) | 1.0.9 | -45.5167 | -71.8167 | LakeSediment | BSi | Elbert et al. (2013) |
| [SAm-QuelccayaIceCap.Thompson.2013](https://lipdverse.org/data/p7qxIREZcVdhohXTmzHT/1_0_6/) | 1.0.6 | -13.9333 | -70.8333 | GlacierIce | d18O, ice accumulation | L. G. Thompson et al. (2013) |

Abram, Nerilie J., Michael K. Gagan, Julia E. Cole, Wahyoe S. Hantoro, and Manfred Mudelsee. 2008. “Recent Intensification of Tropical Climate Variability in the Indian Ocean.” *Nature Geoscience* 1 (12): 849–53. <https://doi.org/10.1038/ngeo357>.

Abram, Nerilie J., Robert Mulvaney, Eric W. Wolff, Jack Triest, Sepp Kipfstuhl, Luke D. Trusel, Françoise Vimeux, Louise Fleet, and Carol Arrowsmith. 2013. “Acceleration of Snow Melt in an Antarctic Peninsula Ice Core During the Twentieth Century.” *Nature Geoscience* 6 (5): 404–11. <https://doi.org/10.1038/ngeo1787>.

Abrantes, F., S. Lebreiro, T. Rodrigues, I. Gil, H. Bartels-J’onsd’ottir, P. Oliveira, C. Kissel, and J. O. Grimalt. 2005. “Shallow-Marine Sediment Cores Record Climate Variability and Earthquake Activity Off Lisbon (Portugal) for the Last 2000 Years.” *Quaternary Science Reviews* 24 (23-24): 2477–94. <https://doi.org/10.1016/j.quascirev.2004.04.009>.

Abrantes, F, T Rodrigues, B Montanari, C Santos, L Witt, C Lopes, and AHL Voelker. 2011. “Climate of the Last Millennium at the Southern Pole of the North Atlantic Oscillation: An Inner-Shelf Sediment Record of Flooding and Upwelling.” *Climate Research* 48 (2): 261–80. <https://doi.org/10.3354/cr01010>.

Ahmed, Moinuddin, Jonathan Palmer, Nasrullah Khan, Muhammad Wahab, Pavla Fenwick, Jan Esper, and Ed Cook. 2011. “The Dendroclimatic Potential of Conifers from Northern Pakistan.” *Dendrochronologia* 29 (2): 77–88. <https://doi.org/10.1016/j.dendro.2010.08.007>.

Alibert, Chantal, and Leslie Kinsley. 2008. “A 170-Year Sr/Ca and Ba/Ca Coral Record from the Western Pacific Warm Pool: 2. A Window into Variability of the New Ireland Coastal Undercurrent.” *Journal of Geophysical Research: Oceans* 113 (C6). <https://doi.org/10.1029/2007jc004263>.

Allen, K. J., E. R. Cook, R. J. Francey, and K. Michael. 2001. “The Climatic Response of Phyllocladus Aspleniifolius (Labill.) Hook. F in Tasmania.” *Journal of Biogeography* 28 (3): 305–16. <https://doi.org/10.1046/j.1365-2699.2001.00546.x>.

Anchukaitis, Kevin J., Rosanne D. Dand Laia Andreu-Hayles, David Frank, Anne Verstege, Ashley Curtis, Brendan M. Buckley, Gordon C. Jacoby, and Edward R. Cook. 2013. “Tree-Ring-Reconstructed Summer Temperatures from Northwestern North America During the Last Nine Centuries\*.” *Journal of Climate* 26 (10): 3001–12. <https://doi.org/10.1175/jcli-d-11-00139.1>.

Anderson, Lesleigh, Bruce P. Finney, and Mark D. Shapley. 2011. “Lake Carbonate-δ18O Records from the Yukon Territory, Canada: Little Ice Age Moisture Variability and Patterns.” *Quaternary Science Reviews* 30 (7–8): 887–98. <https://doi.org/10.1016/j.quascirev.2011.01.005>.

Apa’estegui, J., F. W. Cruz, A. Sifeddine, M. Vuille, J. C. Espinoza, J. L. Guyot, M. Khodri, et al. 2014. “Hydroclimate Variability of the Northwestern Amazon Basin Near the Andean Foothills of Peru Related to the South American Monsoon System During the Last 1600 Years.” *Climate of the Past* 10 (6): 1967–81. <https://doi.org/10.5194/cp-10-1967-2014>.

Asami, Ryuji, Tsutomu Yamada, Yasufumi Iryu, Terrence M. Quinn, Christopher P. Meyer, and Gustav Paulay. 2005. “Interannual and Decadal Variability of the Western Pacific Sea Surface Condition for the Years 1787–2000: Reconstruction Based on Stable Isotope Record from a Guam Coral.” *Journal of Geophysical Research: Oceans* 110 (C5). <https://doi.org/10.1029/2004jc002555>.

Asmerom, Yemane, Victor J. Polyak, Jessica B. T. Rasmussen, Stephen J. Burns, and Matthew Lachniet. 2013. “Multidecadal to Multicentury Scale Collapses of Northern Hemisphere Monsoons over the Past Millennium.” *Proceedings of the National Academy of Sciences* 110 (24): 9651–56. <https://doi.org/10.1073/pnas.1214870110>.

Asmerom, Yemane, Victor Polyak, Stephen Burns, and Jessica Rassmussen. 2007. “Solar Forcing of Holocene Climate: New Insights from a Speleothem Record, Southwestern United States.” *Geology* 35 (1): 1. <https://doi.org/10.1130/g22865a.1>.

Auer, Gerald, Werner E. Piller, Markus Reuter, and Mathias Harzhauser. 2015. “Correlating Carbon and Oxygen Isotope Events in Early to Middle Miocene Shallow Marine Carbonates in the Mediterranean Region Using Orbitally Tuned Chemostratigraphy and Lithostratigraphy.” *Paleoceanography* 30 (4): 332–52. <https://doi.org/10.1002/2014pa002716>.

Ayliffe, Linda K., Michael K. Gagan, Jian-xin Zhao, Russell N. Drysdale, John C. Hellstrom, Wahyoe S. Hantoro, Michael L. Griffiths, et al. 2013. “Rapid Interhemispheric Climate Links via the Australasian Monsoon During the Last Deglaciation.” *Nature Communications* 4 (1). <https://doi.org/10.1038/ncomms3908>.

Bagnato, Stefan, Braddock K. Linsley, Stephen S. Howe, Gerard M. Wellington, and Jim Salinger. 2005. “Coral Oxygen Isotope Records of Interdecadal Climate Variations in the South Pacific Convergence Zone Region.” *Geochemistry, Geophysics, Geosystems* 6 (6). <https://doi.org/10.1029/2004gc000879>.

Balascio, Nicholas L., William J. Dand Marthe Gjerde, and Jostein Bakke. 2018. “Hydroclimate Variability of High Arctic Svalbard During the Holocene Inferred from Hydrogen Isotopes of Leaf Waxes.” *Quaternary Science Reviews* 183 (March): 177–87. <https://doi.org/10.1016/j.quascirev.2016.11.036>.

Barclay, David J., Gregory C. Wiles, and Parker E. Calkin. 1999. “A 1119-Year Tree-Ring-Width Chronology from Western Prince William Sound, Southern Alaska.” *The Holocene* 9 (1): 79–84. <https://doi.org/10.1191/095968399672825976>.

Barley, Erin M., Ian R. Walker, Joshua Kurek, Les C. Cwynar, Rolf W. Mathewes, Konrad Gajewski, and Bruce P. Finney. 2006. “A Northwest North American Training Set: Distribution of Freshwater Midges in Relation to Air Temperature and Lake Depth.” *Journal of Paleolimnology* 36 (3): 295–314. <https://doi.org/10.1007/s10933-006-0014-6>.

Bar-Matthews, Miryam, Avner Ayalon, Mabs Gilmour, Alan Matthews, and Chris J. Hawkesworth. 2003. “Sea–Land Oxygen Isotopic Relationships from Planktonic Foraminifera and Speleothems in the Eastern Mediterranean Region and Their Implication for Paleorainfall During Interglacial Intervals.” *Geochimica Et Cosmochimica Acta* 67 (17): 3181–99. <https://doi.org/10.1016/s0016-7037(02)01031-1>.

Bar-Matthews, Miryam, Avner Ayalon, and Aaron Kaufman. 1997. “Late Quaternary Paleoclimate in the Eastern Mediterranean Region from Stable Isotope Analysis of Speleothems at Soreq Cave, Israel.” *Quaternary Research* 47 (2): 155–68. <https://doi.org/10.1006/qres.1997.1883>.

Benson, L. V., P. A. Meyers, and R. J. Spencer. 1991. “Change in the Size of Walker Lake During the Past 5000 Years.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 81 (3-4): 189–214. <https://doi.org/10.1016/0031-0182(91)90147-j>.

Benson, Larry, Michaele Kashgarian, Robert Rye, Steve Lund, Fred Paillet, Joseph Smoot, Cynthia Kester, Scott Mensing, Dave Meko, and Susan Lindström. 2002. “Holocene Multidecadal and Multicentennial Droughts Affecting Northern California and Nevada.” *Quaternary Science Reviews* 21 (4-6): 659–82. <https://doi.org/10.1016/s0277-3791(01)00048-8>.

Bergthorsson, Pall. 1969. “An Estimate of Drift Ice and Temperature in Iceland in 1000 Years.” *Jokull* 19: 94–101.

Berkelhammer, Max, Ashish Sinha, Manfred Mudelsee, Hai Cheng, R. Lawrence Edwards, and Kevin Cannariato. 2010. “Persistent Multidecadal Power of the Indian Summer Monsoon.” *Earth and Planetary Science Letters* 290 (1–2): 166–72. <https://doi.org/10.1016/j.epsl.2009.12.017>.

Bernal, Juan Pablo, Matthew Lachniet, Malcolm McCulloch, Graham Mortimer, Pedro Morales, and Edith Cienfuegos. 2011. “A Speleothem Record of Holocene Climate Variability from Southwestern Mexico.” *Quaternary Research* 75 (1): 104–13. <https://doi.org/10.1016/j.yqres.2010.09.002>.

Berner, K. S., N. Koç, F. Godtliebsen, and D. Divine. 2011. “Holocene Climate Variability of the Norwegian Atlantic Current During High and Low Solar Insolation Forcing.” *Paleoceanography* 26 (2). <https://doi.org/10.1029/2010pa002002>.

Bertler, N. A. N., P. A. Mayewski, and L. Carter. 2011a. “Cold Conditions in Antarctica During the Little Ice Age - Implications for Abrupt Climate Change Mechanisms.” *Earth and Planetary Science Letters* 308 (1-2): 41–51. <https://doi.org/10.1016/j.epsl.2011.05.021>.

———. 2011b. “Cold Conditions in Antarctica During the Little Ice Age — Implications for Abrupt Climate Change Mechanisms.” *Earth and Planetary Science Letters* 308 (1–2): 41–51. <https://doi.org/10.1016/j.epsl.2011.05.021>.

Bigler, Christof, Daniel G. Gavin, Charles Gunning, and Thomas T. Veblen. 2007. “Drought Induces Lagged Tree Mortality in a Subalpine Forest in the Rocky Mountains.” *Oikos* 116 (12): 1983–94. <https://doi.org/10.1111/j.2007.0030-1299.16034.x>.

Bird, Broxton W., Mark B. Abbott, Bruce P. Finney, and Barbara Kutchko. 2008. “A 2000 Year Varve-Based Climate Record from the Central Brooks Range, Alaska.” *Journal of Paleolimnology* 41 (1): 25–41. <https://doi.org/10.1007/s10933-008-9262-y>.

Björklund, J. A., B. E. Gunnarson, K. Seftigen, J. Esper, and H. W. Linderholm. 2014. “Blue Intensity and Density from Northern Fennoscandian Tree Rings, Exploring the Potential to Improve Summer Temperature Reconstructions with Earlywood Information.” *Climate of the Past* 10 (2): 877–85. <https://doi.org/10.5194/cp-10-877-2014>.

Björklund, Jesper A., Björn E. Gunnarson, Paul J. Krusic, Håkan Grudd, Torbjörn Josefsson, Lars Östlund, and Hans W. Linderholm. 2012. “Advances Towards Improved Low-Frequency Tree-Ring Reconstructions, Using an Updated Pinus Sylvestris l. MXD Network from the Scandinavian Mountains.” *Theoretical and Applied Climatology* 113 (3–4): 697–710. <https://doi.org/10.1007/s00704-012-0787-7>.

Black, David E., Matthew A. Abahazi, Robert C. Thunell, Alexey Kaplan, Eric J. Tappa, and Larry C. Peterson. 2007. “An 8-Century Tropical Atlantic SST Record from the Cariaco Basin: Baseline Variability, Twentieth-Century Warming, and Atlantic Hurricane Frequency.” *Paleoceanography* 22 (4). <https://doi.org/10.1029/2007pa001427>.

Boch, Ronny, and Christoph Spötl. 2011. “Reconstructing Palaeoprecipitation from an Active Cave Flowstone.” *Journal of Quaternary Science* 26 (7): 675–87. <https://doi.org/10.1002/jqs.1490>.

Boiseau, Muriel, Anne Juillet-Leclerc, Pascal Yiou, Bernard Salvat, Peter Isdale, and Mireille Guillaume. 1998. “Atmospheric and Oceanic Evidences of El Niño-Southern Oscillation Events in the South Central Pacific Ocean from Coral Stable Isotopic Records over the Last 137 Years.” *Paleoceanography* 13 (6): 671–85. <https://doi.org/10.1029/98pa02502>.

Bonnet, Sophie, Anne de Vernal, Claude Hillaire-Marcel, Taoufik Radi, and Katrine Husum. 2010. “Variability of Sea-Surface Temperature and Sea-Ice Cover in the Fram Strait over the Last Two Millennia.” *Marine Micropaleontology* 74 (3–4): 59–74. <https://doi.org/10.1016/j.marmicro.2009.12.001>.

Briffa, Keith R., Thomas M. Melvin, Timothy J. Osborn, Rashit M. Hantemirov, Alexander V. Kirdyanov, Valeriy S. Mazepa, Stepan G. Shiyatov, and Jan Esper. 2013. “Reassessing the Evidence for Tree-Growth and Inferred Temperature Change During the Common Era in Yamalia, Northwest Siberia.” *Quaternary Science Reviews* 72 (July): 83–107. <https://doi.org/10.1016/j.quascirev.2013.04.008>.

Briffa, Keith R., Timothy J. Osborn, Fritz H. Schweingruber, Philip D. Jones, Stepan G. Shiyatov, and Eugene A. Vaganov. 2002. “Tree-Ring Width and Density Data Around the Northern Hemisphere: Part 1, Local and Regional Climate Signals.” *The Holocene* 12 (6): 737–57. <https://doi.org/10.1191/0959683602hl587rp>.

Briffa, Keith R, Vladimir V Shishov, Thomas M Melvin, Eugene A Vaganov, HGrudd, Rashit M Hantemirov, Matti Eronen, and Muktar M Naurzbaev. 2007. “Trends in Recent Temperature and Radial Tree Growth Spanning 2000 Years Across Northwest Eurasia.” *Philosophical Transactions of the Royal Society B: Biological Sciences* 363 (1501): 2269–82. <https://doi.org/10.1098/rstb.2007.2199>.

Bronikowski, Anne M., Jeanne Altmann, Diane K. Brockman, Marina Cords, Linda M. Fedigan, Anne Pusey, Tara Stoinski, William F. Morris, Karen B. Strier, and Susan C. Alberts. 2011. “Aging in the Natural World: Comparative Data Reveal Similar Mortality Patterns Across Primates.” *Science* 331 (6022): 1325–28. <https://doi.org/10.1126/science.1201571>.

Buckley, B. M., E. R. Cook, M. J. Peterson, and M. Barbetti. 1997. “A Changing Temperature Response with Elevation for Lagarostrobos Franklinii in Tasmania, Australia.” *Climatic Change* 36: 477–98. <https://doi.org/10.1023/A:1005322332230>.

Buckley, Brendan M., Kevin J. Anchukaitis, Daniel Penny, Roland Fletcher, Edward R. Cook, Masaki Sano, Le Canh Nam, Aroonrut Wichienkeeo, Ton That Minh, and Truong Mai Hong. 2010. “Climate as a Contributing Factor in the Demise of Angkor, Cambodia.” *Proceedings of the National Academy of Sciences* 107 (15): 6748–52. <https://doi.org/10.1073/pnas.0910827107>.

Buckley, R. Dand B., S. Kaplan, and J. Woollett. 2003. “Interannual to Multidecadal Modes of Labrador Climate Variability Inferred from Tree Rings.” *Climate Dynamics* 20 (2): 219–28. <https://doi.org/10.1007/s00382-002-0275-3>.

Buckley, Rosanne D. Dand Brendan M., Edward R. Cook, and Wendy S. Wagner. 1996. “Temperature-Sensitive Tree-Ring Width Chronologies of Pink Pine (Halocarpus Biformis) from Stewart Island, New Zealand.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 119 (3–4): 293–300. <https://doi.org/10.1016/0031-0182(95)00014-3>.

Bunn, Andrew G., Lisa J. Graumlich, and Dean L. Urban. 2005. “Trends in Twentieth-Century Tree Growth at High Elevations in the Sierra Nevada and White Mountains, USA.” *The Holocene* 15 (4): 481–88. <https://doi.org/10.1191/0959683605hl827rp>.

Büntgen, Ulf, David C. Frank, Daniel Nievergelt, and Jan Esper. 2006. “Summer Temperature Variations in the European Alps, a.d. 755–2004.” *Journal of Climate* 19 (21): 5606–23. <https://doi.org/10.1175/jcli3917.1>.

Büntgen, Ulf, David Frank, Thomas Neuenschwander, and Jan Esper. 2012. “Fading Temperature Sensitivity of Alpine Tree Growth at Its Mediterranean Margin and Associated Effects on Large-Scale Climate Reconstructions.” *Climatic Change* 114 (3–4): 651–66. <https://doi.org/10.1007/s10584-012-0450-4>.

Büntgen, Ulf, Tom’aš Kyncl, Christian Ginzler, David S. Jacks, Jan Esper, Willy Tegel, Karl-Uwe Heussner, and Josef Kyncl. 2013. “Filling the Eastern European Gap in Millennium-Long Temperature Reconstructions.” *Proceedings of the National Academy of Sciences* 110 (5): 1773–78. <https://doi.org/10.1073/pnas.1211485110>.

Büntgen, Ulf, Willy Tegel, Kurt Nicolussi, Michael McCormick, David Frank, Valerie Trouet, Jed O. Kaplan, et al. 2011. “2500 Years of European Climate Variability and Human Susceptibility.” *Science* 331 (6017): 578–82. <https://doi.org/10.1126/science.1197175>.

Cai, Yanjun, Haiwei Zhang, Hai Cheng, Zhisheng An, R. Lawrence Edwards, Xianfeng Wang, Liangcheng Tan, Fuyuan Liang, Jin Wang, and Megan Kelly. 2012. “The Holocene Indian Monsoon Variability over the Southern Tibetan Plateau and Its Teleconnections.” *Earth and Planetary Science Letters* 335-336 (June): 135–44. <https://doi.org/10.1016/j.epsl.2012.04.035>.

Calvo, Eva, Joan Grimalt, and Eystein Jansen. 2002. “High Resolution U37K Sea Surface Temperature Reconstruction in the Norwegian Sea During the Holocene.” *Quaternary Science Reviews* 21 (12-13): 1385–94. <https://doi.org/10.1016/s0277-3791(01)00096-8>.

Calvo, Eva, John F. Marshall, Carles Pelejero, Malcolm T. McCulloch, Michael K. Gagan, and Janice M. Lough. 2007. “Interdecadal Climate Variability in the Coral Sea Since 1708 a.d.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 248 (1–2): 190–201. <https://doi.org/10.1016/j.palaeo.2006.12.003>.

Came, Rosemarie E., Delia W. Oppo, and Jerry F. McManus. 2007. “Amplitude and Timing of Temperature and Salinity Variability in the Subpolar North Atlantic over the Past 10 k.y.” *Geology* 35 (4): 315. <https://doi.org/10.1130/g23455a.1>.

Carr’e, Matthieu, Moufok Azzoug, Paul Zaharias, Abdoulaye Camara, Rachid Cheddadi, Manuel Chevalier, Denis Fiorillo, et al. 2018. “Modern Drought Conditions in Western Sahel Unprecedented in the Past 1600 Years.” *Climate Dynamics* 52 (3–4): 1949–64. <https://doi.org/10.1007/s00382-018-4311-3>.

Charles, C. D., D. E. Hunter, and Richard G. Fairbanks. 1997. “Interaction Between the ENSO and the Asian Monsoon in a Coral Record of Tropical Climate.” *Science* 277 (5328): 925–28. <https://doi.org/10.1126/science.277.5328.925>.

Charles, Christopher D., Kim Cobb, Michael D. Moore, and Richard G. Fairbanks. 2003. “Monsoon–Tropical Ocean Interaction in a Network of Coral Records Spanning the 20th Century.” *Marine Geology* 201 (1–3): 207–22. <https://doi.org/10.1016/s0025-3227(03)00217-2>.

Cheng, Hai, Ashish Sinha, Francisco W. Cruz, Xianfeng Wang, R. Lawrence Edwards, Fernando M. d’Horta, Camila C. Ribas, Mathias Vuille, Lowell D. Stott, and Augusto S. Auler. 2013. “Climate Change Patterns in Amazonia and Biodiversity.” *Nature Communications* 4 (1). <https://doi.org/10.1038/ncomms2415>.

Chu, Guoqiang, Qing Sun, Xiaohua Wang, Meimei Liu, Yuan Lin, Manman Xie, Wenyu Shang, and Jiaqi Liu. 2011. “Seasonal Temperature Variability During the Past 1600 Years Recorded in Historical Documents and Varved Lake Sediment Profiles from Northeastern China.” *The Holocene* 22 (7): 785–92. <https://doi.org/10.1177/0959683611430413>.

Cl’eroux, Caroline, Elsa Cortijo, Pallavi Anand, Laurent Labeyrie, Franck Bassinot, Nicolas Caillon, and Jean-Claude Duplessy. 2008. “Mg/Ca and Sr/Ca Ratios in Planktonic Foraminifera: Proxies for Upper Water Column Temperature Reconstruction.” *Paleoceanography* 23 (3). <https://doi.org/10.1029/2007pa001505>.

Clague, John J., Brian H. Luckman, Richard D. Van Dorp, Robert Gilbert, Duane Froese, Britta J. L. Jensen, and Alberto V. Reyes. 2006. “Rapid Changes in the Level of Kluane Lake in Yukon Territory over the Last Millennium.” *Quaternary Research* 66 (2): 342–55. <https://doi.org/10.1016/j.yqres.2006.06.005>.

Clegg, Benjamin F., Gina H. Clarke, Melissa L. Chipman, Michael Chou, Ian R. Walker, Willy Tinner, and Feng Sheng Hu. 2010. “Six Millennia of Summer Temperature Variation Based on Midge Analysis of Lake Sediments from Alaska.” *Quaternary Science Reviews* 29 (23-24): 3308–16. <https://doi.org/10.1016/j.quascirev.2010.08.001>.

Clegg, Benjamin F., Ryan Kelly, Gina H. Clarke, Ian R. Walker, and Feng Sheng Hu. 2011. “Nonlinear Response of Summer Temperature to Holocene Insolation Forcing in Alaska.” *Proceedings of the National Academy of Sciences* 108 (48): 19299–304. <https://doi.org/10.1073/pnas.1110913108>.

Cobb, Kim M., Christopher D. Charles, Hai Cheng, and R. Lawrence Edwards. 2003. “El Niño/Southern Oscillation and Tropical Pacific Climate During the Last Millennium.” *Nature* 424 (6946): 271–76. <https://doi.org/10.1038/nature01779>.

Cobb, Kim M., Christopher D. Charles, Hai Cheng, Miriam Kastner, and R.Lawrence Edwards. 2003. “U/Th-Dating Living and Young Fossil Corals from the Central Tropical Pacific.” *Earth and Planetary Science Letters* 210 (1–2): 91–103. <https://doi.org/10.1016/s0012-821x(03)00138-9>.

Cobb, Kim M., Christopher D. Charles, and David E. Hunter. 2001. “A Central Tropical Pacific Coral Demonstrates Pacific, Indian, and Atlantic Decadal Climate Connections.” *Geophysical Research Letters* 28 (11): 2209–12. <https://doi.org/10.1029/2001gl012919>.

Cobb, Kim M., Niko Westphal, Hussein R. Sayani, Jordan T. Watson, Emanuele Di Lorenzo, H. Cheng, R. L. Edwards, and Christopher D. Charles. 2013. “Highly Variable El Niño–Southern Oscillation Throughout the Holocene.” *Science* 339 (6115): 67–70. <https://doi.org/10.1126/science.1228246>.

Cole, Julia E., Robert B. Dunbar, Timothy R. McClanahan, and Nyawira A. Muthiga. 2000. “Tropical Pacific Forcing of Decadal SST Variability in the Western Indian Ocean over the Past Two Centuries.” *Science* 287 (5453): 617–19. <https://doi.org/10.1126/science.287.5453.617>.

Cole, Julia E., and Richard G. Fairbanks. 1990. “The Southern Oscillation Recorded in the δ18O of Corals from Tarawa Atoll.” *Paleoceanography* 5 (5): 669–83. <https://doi.org/10.1029/pa005i005p00669>.

Colenutt, M. E., and B. H. Luckman. 1995. “The Dendrochronological Characteristics of Alpine Larch.” *Canadian Journal of Forest Research* 25 (5): 777–89. <https://doi.org/10.1139/x95-085>.

Consortium, PAGES 2k. 2013. “Continental-Scale Temperature Variability During the Past Two Millennia.” *Nature Geoscience* 6: 339–46. <https://doi.org/10.1038/NGEO1797>.

Cook, Edward R., Kevin J. Anchukaitis, Brendan M. Buckley, Rosanne D. D’Arrigo, Gordon C. Jacoby, and William E. Wright. 2010. “Asian Monsoon Failure and Megadrought During the Last Millennium.” *Science* 328 (5977): 486–89. <https://doi.org/10.1126/science.1185188>.

Cook, Edward R., and Paul J. Krusic, Kevin J. Anchukaitis, Brendan M. Buckley, Takeshi Nakatsuka, and Masaki Sano. 2012. “Tree-Ring Reconstructed Summer Temperature Anomalies for Temperate East Asia Since 800 c.e.” *Climate Dynamics* 41 (11-12): 2957–72. <https://doi.org/10.1007/s00382-012-1611-x>.

Cook, Edward R., Brendan M. Buckley, Jonathan G. Palmer, Pavla Fenwick, Michael J. Peterson, Gretel Boswijk, and Anthony Fowler. 2006. “Millennia-Long Tree-Ring Records from Tasmania and New Zealand: A Basis for Modelling Climate Variability and Forcing, Past, Present and Future.” *Journal of Quaternary Science* 21 (7): 689–99. <https://doi.org/10.1002/jqs.1071>.

Cook, Edward R, Jonathan G Palmer, Benjamin I Cook, Alan Hogg, and Rosanne D D. 2002. “A Multi-Millennial Palaeoclimatic Resource from Lagarostrobos Colensoi Tree-Rings at Oroko Swamp, New Zealand.” *Global and Planetary Change* 33 (3–4): 209–20. <https://doi.org/10.1016/s0921-8181(02)00078-4>.

Cook, Timothy L., Raymond S. Bradley, Joseph S. Stoner, and Pierre Francus. 2008. “Five Thousand Years of Sediment Transfer in a High Arctic Watershed Recorded in Annually Laminated Sediments from Lower Murray Lake, Ellesmere Island, Nunavut, Canada.” *Journal of Paleolimnology* 41 (1): 77–94. <https://doi.org/10.1007/s10933-008-9252-0>.

Cooper, Timothy F., and Rebecca A. Oand Janice M. Lough. 2012. “Growth of Western Australian Corals in the Anthropocene.” *Science* 335 (6068): 593–96. <https://doi.org/10.1126/science.1214570>.

Cropper, John P., and Harold C. Fritts. 1981. “Tree-Ring Width Chronologies from the North American Arctic.” *Arctic and Alpine Research* 13 (3): 245. <https://doi.org/10.2307/1551032>.

Cruz, Francisco W., Stephen J. Burns, Ivo Karmann, Warren D. Sharp, Mathias Vuille, Andrea O. Cardoso, Jos’e A. Ferrari, Pedro L. Silva Dias, and Oduvaldo Viana. 2005. “Insolation-Driven Changes in Atmospheric Circulation over the Past 116,000 Years in Subtropical Brazil.” *Nature* 434 (7029): 63–66. <https://doi.org/10.1038/nature03365>.

D’Andrea, William J., Yongsong Huang, Sherilyn C. Fritz, and N. John Anderson. 2011. “Abrupt Holocene Climate Change as an Important Factor for Human Migration in West Greenland.” *Proceedings of the National Academy of Sciences* 108 (24): 9765–69. <https://doi.org/10.1073/pnas.1101708108>.

D., Zhang. 1980. “Winter Temperature Changes During the Last 500 Years in South China.” *Chin. Sci. Bull.* 6: 497–500. <https://doi.org/No doi>.

Dahl-Jensen, Dorthe, Vin I. Morgan, and Alan Elcheikh. 1999. “Monte Carlo Inverse Modelling of the Law Dome (Antarctica) Temperature Profile.” *Annals of Glaciology* 29: 145–50. <https://doi.org/10.3189/172756499781821102>.

Damassa, Thomas D., Julia E. Cole, Heidi R. Barnett, Toby R. Ault, and Timothy R. McClanahan. 2006. “Enhanced Multidecadal Climate Variability in the Seventeenth Century from Coral Isotope Records in the Western Indian Ocean.” *Paleoceanography* 21 (2). <https://doi.org/10.1029/2005pa001217>.

Dansgaard, W., S. J. Johnsen, J. Møller, and C. C. Langway. 1969. “One Thousand Centuries of Climatic Record from Camp Century on the Greenland Ice Sheet.” *Science* 166 (3903): 377–81. <https://doi.org/10.1126/science.166.3903.377>.

Davi, N. 2003. “Boreal Temperature Variability Inferred from Maximum Latewood Density and Tree-Ring Width Data, Wrangell Mountain Region, Alaska.” *Quaternary Research*, September. <https://doi.org/10.1016/s0033-5894(03)00115-7>.

Davi, N. K., G. C. Jacoby, A. E. Curtis, and N. Baatarbileg. 2006. “Extension of Drought Records for Central Asia Using Tree Rings: West-Central Mongolia\*.” *Journal of Climate* 19 (2): 288–99. <https://doi.org/10.1175/jcli3621.1>.

de Jong, R., L. von Gunten, A. Maldonado, and M. Grosjean. 2013. “Late Holocene Summer Temperatures in the Central Andes Reconstructed from the Sediments of High-Elevation Laguna Chepical, Chile (32° s).” *Climate of the Past* 9 (4): 1921–32. <https://doi.org/10.5194/cp-9-1921-2013>.

Dean, Jonathan R., Matthew D. Jones, Melanie J. Leng, Stephen R. Noble, Sarah E. Metcalfe, Hilary J. Sloane, Diana Sahy, Warren J. Eastwood, and C. Neil Roberts. 2015. “Eastern Mediterranean Hydroclimate over the Late Glacial and Holocene, Reconstructed from the Sediments of Nar Lake, Central Turkey, Using Stable Isotopes and Carbonate Mineralogy.” *Quaternary Science Reviews* 124 (September): 162–74. <https://doi.org/10.1016/j.quascirev.2015.07.023>.

Dean, Jonathan R., Matthew D. Jones, Melanie J. Leng, Hilary J. Sloane, C. Neil Roberts, Jessie Woodbridge, George E. A. Swann, Sarah E. Metcalfe, Warren J. Eastwood, and Hakan Yiğitbaşıoğlu. 2013. “Palaeo-Seasonality of the Last Two Millennia Reconstructed from the Oxygen Isotope Composition of Carbonates and Diatom Silica from Nar Gölü, Central Turkey.” *Quaternary Science Reviews* 66 (April): 35–44. <https://doi.org/10.1016/j.quascirev.2012.07.014>.

DeLong, Kristine L., Jennifer A. Flannery, Richard Z. Poore, Terrence M. Quinn, Christopher R. Maupin, Ke Lin, and Chuan-Chou Shen. 2014. “A Reconstruction of Sea Surface Temperature Variability in the Southeastern Gulf of Mexico from 1734 to 2008 c.e. Using Cross-Dated Sr/Ca Records from the Coral Siderastrea Siderea.” *Paleoceanography* 29 (5): 403–22. <https://doi.org/10.1002/2013pa002524>.

DeLong, Kristine L., Terrence M. Quinn, Frederick W. Taylor, Ke Lin, and Chuan-Chou Shen. 2012. “Sea Surface Temperature Variability in the Southwest Tropical Pacific Since AD 1649.” *Nature Climate Change* 2 (11): 799–804. <https://doi.org/10.1038/nclimate1583>.

deMenocal, Peter, Joseph Ortiz, Tom Guilderson, and Michael Sarnthein. 2000. “Coherent High- and Low-Latitude Climate Variability During the Holocene Warm Period.” *Science* 288 (5474): 2198–2202. <https://doi.org/10.1126/science.288.5474.2198>.

Demezhko, D. Yu., and I. V. Golovanova. 2007. “Climatic Changes in the Urals over the Past Millennium – an Analysis of Geothermal and Meteorological Data.” *Climate of the Past* 3 (2): 237–42. <https://doi.org/10.5194/cp-3-237-2007>.

Demezhko, D. Yu., and O. N. Solomina. 2009. “Ground Surface Temperature Variations on Kunashir Island in the Last 400 Years Inferred from Borehole Temperature Data and Tree-Ring Records.” *Doklady Earth Sciences* 426 (1): 628–31. <https://doi.org/10.1134/s1028334x09040266>.

Denniston, Rhawn F., Michelle DuPree, Jeffrey A. Dorale, Yemane Asmerom, Victor J. Polyak, and Scott J. Carpenter. 2007. “Episodes of Late Holocene Aridity Recorded by Stalagmites from Devil’s Icebox Cave, Central Missouri, USA.” *Quaternary Research* 68 (1): 45–52. <https://doi.org/10.1016/j.yqres.2007.04.001>.

Denniston, Rhawn F., Luis A. Gonz’alez, Yemane Asmerom, Richard G. Baker, Mark K. Reagan, and E. Arthur Bettis. 1999. “Evidence for Increased Cool Season Moisture During the Middle Holocene.” *Geology* 27 (9): 815. <https://doi.org/10.1130/0091-7613(1999)027<0815:eficsm>2.3.co;2>.

Denniston, Rhawn F., Luis A. Gonz’alez, Richard G. Baker, Yemane Asmerom, Mark K. Reagan, R. Lawrence Edwards, and E. Calvin Alexander. 1999. “Speleothem Evidence for Holocene Fluctuations of the Prairie-Forest Ecotone, North-Central USA.” *The Holocene* 9 (6): 671–76. <https://doi.org/10.1191/095968399674716399>.

Divine, Dmitry, Elisabeth Isaksson, Tonu Martma, Harro A. J. Meijer, John Moore, Veijo Pohjola, Roderik S. W. van de Wal, and Fred Godtliebsen. 2011. “Thousand Years of Winter Surface Air Temperature Variations in Svalbard and Northern Norway Reconstructed from Ice-Core Data.” *Polar Research* 30 (1): 7379. <https://doi.org/10.3402/polar.v30i0.7379>.

Dobrovoln’y, Petr, Anders Moberg, Rudolf Br’azdil, Christian Pfister, Rüdiger Glaser, Rob Wilson, Aryan van Engelen, et al. 2009. “Monthly, Seasonal and Annual Temperature Reconstructions for Central Europe Derived from Documentary Evidence and Instrumental Records Since AD 1500.” *Climatic Change* 101 (1–2): 69–107. <https://doi.org/10.1007/s10584-009-9724-x>.

Doose-Rolinski, Heidi, Ulf Rogalla, Georg Scheeder, Andreas Lückge, and Ulrich von Rad. 2001. “High-Resolution Temperature and Evaporation Changes During the Late Holocene in the Northeastern Arabian Sea.” *Paleoceanography* 16 (4): 358–67. <https://doi.org/10.1029/2000pa000511>.

Dorado Liñ’an, I., U. Büntgen, F. Gonz’alez-Rouco, E. Zorita, J. P. Mont’avez, J. J. G’omez-Navarro, M. Brunet, I. Heinrich, G. Helle, and E. Guti’errez. 2012. “Estimating 750 Years of Temperature Variations and Uncertainties in the Pyrenees by Tree-Ring Reconstructions and Climate Simulations.” *Climate of the Past* 8 (3): 919–33. <https://doi.org/10.5194/cp-8-919-2012>.

Draschba, S., J. Pätzold, and G. Wefer. 2000. “North Atlantic Climate Variability Since AD 1350 Recorded in δ 18 o and Skeletal Density of Bermuda Corals.” *International Journal of Earth Sciences* 88 (4): 733–41. <https://doi.org/10.1007/s005310050301>.

Druffel, Ellen R. M., and Sheila Griffin. 1999. “Variability of Surface Ocean Radiocarbon and Stable Isotopes in the Southwestern Pacific.” *Journal of Geophysical Research: Oceans* 104 (C10): 23607–13. <https://doi.org/10.1029/1999jc900212>.

Drysdale, Russell, Giovanni Zanchetta, John Hellstrom, Roland Maas, Anthony Fallick, Matthew Pickett, Ian Cartwright, and Leonardo Piccini. 2006. “Late Holocene Drought Responsible for the Collapse of Old World Civilizations Is Recorded in an Italian Cave Flowstone.” *Geology* 34 (2): 101. <https://doi.org/10.1130/g22103.1>.

Dunbar, Robert B., Gerard M. Wellington, Mitchell W. Colgan, and Peter W. Glynn. 1994. “Eastern Pacific Sea Surface Temperature Since 1600 a.d.: The δ18O Record of Climate Variability in Galápagos Corals.” *Paleoceanography* 9 (2): 291–315. <https://doi.org/10.1029/93pa03501>.

Duncan, Richard P., Pavla Fenwick, Jonathan G. Palmer, Matt S. McGlone, and Chris S. M. Turney. 2010. “Non-Uniform Interhemispheric Temperature Trends over the Past 550 Years.” *Climate Dynamics* 35 (7–8): 1429–38. <https://doi.org/10.1007/s00382-010-0794-2>.

Dykoski, C., R. Edwards, H. Cheng, D. Yuan, Y. Cai, M. Zhange, Y. Lin, J. Qing, Z. An, and J. Revenaugh. 2005. “A High-Resolution, Absolute-Dated Holocene and Deglacial Asian Monsoon Record from Dongge Cave, China.” *Earth and Planetary Science Letters* 233 (1-2): 71–86. <https://doi.org/10.1016/j.epsl.2005.01.036>.

Ekaykin, A. A., A. V. Kozachek, V.Ya. Lipenkov, and Yu.A. Shibaev. 2014. “Multiple Climate Shifts in the Southern Hemisphere over the Past Three Centuries Based on Central Antarctic Snow Pits and Core Studies.” *Annals of Glaciology* 55 (66): 259–66. <https://doi.org/10.3189/2014aog66a189>.

Elbert, Julie, Richard Wartenburger, Lucien von Gunten, Roberto Urrutia, Daniela Fischer, Marian Fujak, Yvonne Hamann, Nicolas David Greber, and Martin Grosjean. 2013. “Late Holocene Air Temperature Variability Reconstructed from the Sediments of Laguna Escondida, Patagonia, Chile (45°30′s).” *Palaeogeography, Palaeoclimatology, Palaeoecology* 369 (January): 482–92. <https://doi.org/10.1016/j.palaeo.2012.11.013>.

Ersek, Vasile, Peter U. Clark, Alan C. Mix, Hai Cheng, and R. Lawrence Edwards. 2012. “Holocene Winter Climate Variability in Mid-Latitude Western North America.” *Nature Communications* 3 (1). <https://doi.org/10.1038/ncomms2222>.

Esper, Jan, David C. Frank, Mauri Timonen, Eduardo Zorita, Rob J. S. Wilson, Jürg Luterbacher, Steffen Holzkämper, et al. 2012. “Orbital Forcing of Tree-Ring Data.” *Nature Climate Change* 2 (12): 862–66. <https://doi.org/10.1038/nclimate1589>.

Esper, Jan, David C. Frank, Robert J. S. Wilson, Ulf Büntgen, and Kerstin Treydte. 2006. “Uniform Growth Trends Among Central Asian Low- and High-Elevation Juniper Tree Sites.” *Trees* 21 (2): 141–50. <https://doi.org/10.1007/s00468-006-0104-0>.

Evans, M. N., R. G. Fairbanks, and J. L. Rubenstone. 1998. “A Proxy Index of ENSO Teleconnections.” *Nature* 394 (6695): 732–33. <https://doi.org/10.1038/29424>.

Felis, Thomas, Jürgen Pätzold, Yossi Loya, Maoz Fine, Ahmed H. Nawar, and Gerold Wefer. 2000. “A Coral Oxygen Isotope Record from the Northern Red Sea Documenting NAO, ENSO, and North Pacific Teleconnections on Middle East Climate Variability Since the Year 1750.” *Paleoceanography* 15 (6): 679–94. <https://doi.org/10.1029/1999pa000477>.

Felis, Thomas, Atsushi Suzuki, Henning Kuhnert, Mihai Dima, Gerrit Lohmann, and Hodaka Kawahata. 2009. “Subtropical Coral Reveals Abrupt Early-Twentieth-Century Freshening in the Western North Pacific Ocean.” *Geology* 37 (6): 527–30. <https://doi.org/10.1130/g25581a.1>.

Fischer, H., M. Werner, D. Wagenbach, M. Schwager, T. Thorsteinnson, F. Wilhelms, J. Kipfstuhl, and S. Sommer. 1998. “Little Ice Age Clearly Recorded in Northern Greenland Ice Cores.” *Geophysical Research Letters* 25 (10): 1749–52. <https://doi.org/10.1029/98gl01177>.

Fisher, D. A., R. M. Koerner, W. S. B. Paterson, W. Dansgaard, N. Gundestrup, and N. Reeh. 1983. “Effect of Wind Scouring on Climatic Records from Ice-Core Oxygen-Isotope Profiles.” *Nature* 301 (5897): 205–9. <https://doi.org/10.1038/301205a0>.

Fisher, David A., Roy M. Koerner, Jocelyne C. Bourgeois, Greg Zielinski, Cameron Wake, Claus U. Hammer, H. B. Clausen, et al. 1998. “Penny Ice Cap Cores, Baffin Island, Canada, and the Wisconsinan Foxe Dome Connection: Two States of Hudson Bay Ice Cover.” *Science* 279 (5351): 692–95. <https://doi.org/10.1126/science.279.5351.692>.

Fleitmann, D., H. Cheng, S. Badertscher, R. L. Edwards, M. Mudelsee, O. M. Göktürk, A. Fankhauser, et al. 2009. “Timing and Climatic Impact of Greenland Interstadials Recorded in Stalagmites from Northern Turkey.” *Geophysical Research Letters* 36 (19). <https://doi.org/10.1029/2009gl040050>.

Fleitmann, Dominik, Stephen J. Burns, Ulrich Neff, Manfred Mudelsee, Augusto Mangini, and Albert Matter. 2004. “Palaeoclimatic Interpretation of High-Resolution Oxygen Isotope Profiles Derived from Annually Laminated Speleothems from Southern Oman.” *Quaternary Science Reviews* 23 (7–8): 935–45. <https://doi.org/10.1016/j.quascirev.2003.06.019>.

Gajewski, K. 1988. “Late Holocene Climate Changes in Eastern North America Estimated from Pollen Data.” *Quaternary Research* 29 (3): 255–62. <https://doi.org/10.1016/0033-5894(88)90034-8>.

Gennaretti, Fabio, Dominique Arseneault, Antoine Nicault, Luc Perreault, and Yves B’egin. 2014. “Volcano-Induced Regime Shifts in Millennial Tree-Ring Chronologies from Northeastern North America.” *Proceedings of the National Academy of Sciences* 111 (28): 10077–82. <https://doi.org/10.1073/pnas.1324220111>.

George, Scott St, and Brian H Luckman. 2001. “Extracting a Paleotemperature Record from Picea Engelmannii Tree-Line Sites in the Central Canadian Rockies.” *Canadian Journal of Forest Research* 31 (3): 457–70. <https://doi.org/10.1139/x00-188>.

Gibbons, Fern T., Delia W. Oppo, Mahyar Mohtadi, Yair Rosenthal, Jun Cheng, Zhengyu Liu, and Braddock K. Linsley. 2014. “Deglacial d18O and Hydrologic Variability in the Tropical Pacific and Indian Oceans.” *Earth and Planetary Science Letters* 387 (February): 240–51. <https://doi.org/10.1016/j.epsl.2013.11.032>.

Gjerde, Marthe, Jostein Bakke, William J. Dand Nicholas L. Balascio, Raymond S. Bradley, Kristian Vasskog, Sædis ’Olafsd’ottir, Torgeir O. Røthe, Bianca B. Perren, and Anne Hormes. 2018. “Holocene Multi-Proxy Environmental Reconstruction from Lake Hakluytvatnet, Amsterdamøya Island, Svalbard (79.5°n).” *Quaternary Science Reviews* 183 (March): 164–76. <https://doi.org/10.1016/j.quascirev.2017.02.017>.

Goodkin, Nathalie F., Konrad A. Hughen, Scott C. Doney, and William B. Curry. 2008. “Increased Multidecadal Variability of the North Atlantic Oscillation Since 1781.” *Nature Geoscience* 1 (12): 844–48. <https://doi.org/10.1038/ngeo352>.

Gorman, Meaghan K., Terrence M. Quinn, Frederick W. Taylor, Judson W. Partin, Guy Cabioch, James A. Austin, Bernard Pelletier, Val’erie Ballu, Christophe Maes, and Steffen Saustrup. 2012. “A Coral-Based Reconstruction of Sea Surface Salinity at Sabine Bank, Vanuatu from 1842 to 2007 CE.” *Paleoceanography* 27 (3). <https://doi.org/10.1029/2012pa002302>.

Graf, Wolfgang, Hans Oerter, Oskar Reinwarth, Willibald Stichler, Frank Wilhelms, Heinz Miller, and Robert Mulvaney. 2002. “Stable-Isotope Records from Dronning Maud Land, Antarctica.” *Annals of Glaciology* 35: 195–201. <https://doi.org/10.3189/172756402781816492>.

Griffiths, M. L., R. N. Drysdale, M. K. Gagan, J.-x. Zhao, L. K. Ayliffe, J. C. Hellstrom, W. S. Hantoro, et al. 2009. “Increasing Australian–Indonesian Monsoon Rainfall Linked to Early Holocene Sea-Level Rise.” *Nature Geoscience* 2 (9): 636–39. <https://doi.org/10.1038/ngeo605>.

Grootes, P. M., and M. Stuiver. 1997a. “Oxygen 18/16 Variability in Greenland Snow and Ice with 10−3- to 105-Year Time Resolution.” *Journal of Geophysical Research: Oceans* 102 (C12): 26455–70. <https://doi.org/10.1029/97jc00880>.

———. 1997b. “Oxygen 18/16 Variability in Greenland Snow and Ice with 10sup-3/Sup- to 10sup5/Sup-Year Time Resolution.” *Journal of Geophysical Research: Oceans* 102 (C12): 26455–70. <https://doi.org/10.1029/97jc00880>.

Guilderson, Thomas P., and Daniel P. Schrag. 1999. “Reliability of Coral Isotope Records from the Western Pacific Warm Pool: A Comparison Using Age-Optimized Records.” *Paleoceanography* 14 (4): 457–64. <https://doi.org/10.1029/1999pa900024>.

Haase-Schramm, Alexandra, Florian Böhm, Anton Eisenhauer, Wolf-Christian Dullo, Michael M. Joachimski, Bent Hansen, and Joachim Reitner. 2003. “Sr/Ca Ratios and Oxygen Isotopes from Sclerosponges: Temperature History of the Caribbean Mixed Layer and Thermocline During the Little Ice Age.” *Paleoceanography* 18 (3). <https://doi.org/10.1029/2002pa000830>.

HALTIAHOVI, E, T SAARINEN, and M KUKKONEN. 2007. “A 2000-Year Record of Solar Forcing on Varved Lake Sediment in Eastern Finland.” *Quaternary Science Reviews* 26 (5-6): 678–89. <https://doi.org/10.1016/j.quascirev.2006.11.005>.

Harada, Naomi, Naokazu Ahagon, Masao Uchida, and Masafumi Murayama. 2004. “Northward and Southward Migrations of Frontal Zones During the Past 40 Kyr in the Kuroshio-Oyashio Transition Area.” *Geochemistry, Geophysics, Geosystems* 5 (9): n/a–. <https://doi.org/10.1029/2004gc000740>.

Heiss, Georg A., Wolf-Christian Dullo, Michael M. Joachimski, John J. G. Reijmer, and Helmut Schuhmacher. 1999. “Increased Seasonality in the Gulf of Aqaba, Red Sea, Recorded in the Oxygen Isotope Record of aPorites Lutea Coral.” *Senckenbergiana Maritima* 30 (1–2): 17–26. <https://doi.org/10.1007/bf03042826>.

Helama, Samuli, Matti Vartiainen, Jari Holopainen, Hanna Mäkelä, Taneli Kolström, and Jouko Meriläinen. 2014. “A Palaeotemperature Record for the Finnish Lakeland Based on Microdensitometric Variations in Tree Rings.” *Geochronometria* 41 (3): 265–77. <https://doi.org/10.2478/s13386-013-0163-0>.

Hendy, Erica J., Michael K. Gagan, Chantal A. Alibert, Malcolm T. McCulloch, Janice M. Lough, and Peter J. Isdale. 2002. “Abrupt Decrease in Tropical Pacific Sea Surface Salinity at End of Little Ice Age.” *Science* 295 (5559): 1511–14. <https://doi.org/10.1126/science.1067693>.

Hetzinger, S., M. Pfeiffer, W.-C. Dullo, D. Garbe-Schoenberg, and J. Halfar. 2010. “Tropical Sea Surface Temperatures for the Past Four Centuries Reconstructed from Coral Archives.” *Paleoceanography* 30: 226–52. <https://doi.org/10.1029/2006GC001348>.

Hetzinger, Steffen, Miriam Pfeiffer, Wolf-Christian Dullo, Noel Keenlyside, Mojib Latif, and Jens Zinke. 2008. “Caribbean Coral Tracks Atlantic Multidecadal Oscillation and Past Hurricane Activity.” *Geology* 36 (1): 11. <https://doi.org/10.1130/g24321a.1>.

Holmes, Jonathan, Carol Arrowsmith, William Austin, John Boyle, Elizabeth Fisher, Richard Holme, Jim Marshall, Frank Oldfield, and Kuno van der Post. 2010. “Climate and Atmospheric Circulation Changes over the Past 1000 Years Reconstructed from Oxygen Isotopes in Lake-Sediment Carbonate from Ireland.” *The Holocene* 20 (7): 1105–11. <https://doi.org/10.1177/0959683610369504>.

Horiuchi, Kazuho, Tomoko Uchida, Yuko Sakamoto, Aoi Ohta, Hiroyuki Matsuzaki, Yasuyuki Shibata, and Hideaki Motoyama. 2008. “Ice Core Record of 10Be over the Past Millennium from Dome Fuji, Antarctica: A New Proxy Record of Past Solar Activity and a Powerful Tool for Stratigraphic Dating.” *Quaternary Geochronology* 3 (3): 253–61. <https://doi.org/10.1016/j.quageo.2008.01.003>.

Hu, Chaoyong, Gideon M. Henderson, Junhua Huang, Shucheng Xie, Ying Sun, and Kathleen R. Johnson. 2008. “Quantification of Holocene Asian Monsoon Rainfall from Spatially Separated Cave Records.” *Earth and Planetary Science Letters* 266 (3-4): 221–32. <https://doi.org/10.1016/j.epsl.2007.10.015>.

Hughen, Konrad A., Jonathan T. Overpeck, and Robert F. Anderson. 2000. “Recent Warming in a 500-Year Palaeotemperature Record from Varved Sediments, Upper Soper Lake, Baffin Island, Canada.” *The Holocene* 10 (1): 9–19. <https://doi.org/10.1191/095968300676746202>.

Hughes, M. K., E. A. Vaganov, S. Shiyatov, R. Touchan, and G. Funkhouser. 1999. “Twentieth-Century Summer Warmth in Northern Yakutia in a 600-Year Context.” *The Holocene* 9 (5): 629–34. <https://doi.org/10.1191/095968399671321516>.

Isaksson, Elisabeth, Dmitry Divine, Jack Kohler, Tonu Martma, Veijo Pohjola, Hideaki Motoyama, and Okitsugu Watanabe. 2005a. “Climate Oscillations as Recorded in Svalbard Ice Core 18o Records Between Ad 1200 and 1997.” *Geografiska Annaler: Series A, Physical Geography* 87 (1): 203–14. <https://doi.org/10.1111/j.0435-3676.2005.00253.x>.

———. 2005b. “Climate Oscillations as Recorded in Svalbard Ice Core Ω18o Records Between Ad 1200 and 1997.” *Geografiska Annaler: Series A, Physical Geography* 87 (1): 203–14. <https://doi.org/10.1111/j.0435-3676.2005.00253.x>.

Isono, Dai, Masanobu Yamamoto, Tomohisa Irino, Tadamichi Oba, Masafumi Murayama, Toshio Nakamura, and Hodaka Kawahata. 2009. “The 1500-Year Climate Oscillation in the Midlatitude North Pacific During the Holocene.” *Geology* 37 (7): 591–94. <https://doi.org/10.1130/g25667a.1>.

Jacoby, Gordon C., and Rosanne D. 1989. “Reconstructed Northern Hemisphere Annual Temperature Since 1671 Based on High-Latitude Tree-Ring Data from North America.” *Climatic Change* 14 (1): 39–59. <https://doi.org/10.1007/bf00140174>.

Jarvis, Stephanie K., Gregory C. Wiles, Sarah N. Appleton, and Rosanne D. Dand Daniel E. Lawson. 2013. “A Warming-Induced Biome Shift Detected in Tree Growth of Mountain Hemlock [Tsuga Mertensiana(bong.) Carrière] Along the Gulf of Alaska.” *Arctic, Antarctic, and Alpine Research* 45 (2): 211–18. <https://doi.org/10.1657/1938-4246-45.211>.

Jiang, Hui, J’on Eirand Michael Schulz, Karen-Luise Knudsen, and Marit-Solveig Seidenkrantz. 2005. “Evidence for Solar Forcing of Sea-Surface Temperature on the North Icelandic Shelf During the Late Holocene.” *Geology* 33 (1): 73. <https://doi.org/10.1130/g21130.1>.

Jones, Matthew D., C. Neil Roberts, Melanie J. Leng, and Murat Türkeş. 2006. “A High-Resolution Late Holocene Lake Isotope Record from Turkey and Links to North Atlantic and Monsoon Climate.” *Geology* 34 (5): 361. <https://doi.org/10.1130/g22407.1>.

Jouzel, J., V. Masson, O. Cattani, S. Falourd, M. Stievenard, B. Stenni, A. Longinelli, et al. 2001. “A New 27 Ky High Resolution East Antarctic Climate Record.” *Geophysical Research Letters* 28 (16): 3199–3202. <https://doi.org/10.1029/2000gl012243>.

Kanner, LC. 2013. “Missing Title.” *Unknown*. <https://doi.org/10.1016/j.quascirev.2013.05.008>.

Kanner, Lisa C., Stephen J. Burns, Hai Cheng, R. Lawrence Edwards, and Mathias Vuille. 2013. “High-Resolution Variability of the South American Summer Monsoon over the Last Seven Millennia: Insights from a Speleothem Record from the Central Peruvian Andes.” *Quaternary Science Reviews* 75 (September): 1–10. <https://doi.org/10.1016/j.quascirev.2013.05.008>.

Keigwin, L. D., J. P. Sachs, and Y. Rosenthal. 2003. “A 1600-Year History of the Labrador Current Off Nova Scotia.” *Climate Dynamics* 21 (1): 53–62. <https://doi.org/10.1007/s00382-003-0316-6>.

Keigwin, L. D., J. P. Sachs, Y. Rosenthal, and E. A. Boyle. 2005. “The 8200 Year b.p. Event in the Slope Water System, Western Subpolar North Atlantic.” *Paleoceanography* 20 (2). <https://doi.org/10.1029/2004pa001074>.

Kennett, Douglas J., Sebastian F. M. Breitenbach, Valorie V. Aquino, Yemane Asmerom, Jaime Awe, James U. L. Baldini, Patrick Bartlein, et al. 2012. “Development and Disintegration of Maya Political Systems in Response to Climate Change.” *Science* 338 (6108): 788–91. <https://doi.org/10.1126/science.1226299>.

Kilbourne, K. Halimeda, Terrence M. Quinn, Frederick W. Taylor, Thierry Delcroix, and Yves Gouriou. 2004. “El Niño–Southern Oscillation–Related Salinity Variations Recorded in the Skeletal Geochemistry of a Porites Coral from Espiritu Santo, Vanuatu.” *Paleoceanography* 19 (4). <https://doi.org/10.1029/2004pa001033>.

Kilbourne, K. H., T. M. Quinn, R. Webb, T. Guilderson, J. Nyberg, and A. Winter. 2008. “Paleoclimate Proxy Perspective on Caribbean Climate Since the Year 1751: Evidence of Cooler Temperatures and Multidecadal Variability.” *Paleoceanography* 23 (3). <https://doi.org/10.1029/2008pa001598>.

Kim, Jung-Hyun, Helge Meggers, Norel Rimbu, Gerrit Lohmann, Tim Freudenthal, Peter J. Müller, and Ralph R. Schneider. 2007. “Impacts of the North Atlantic Gyre Circulation on Holocene Climate Off Northwest Africa.” *Geology* 35 (5): 387. <https://doi.org/10.1130/g23251a.1>.

Kinnard, Christophe, Christian M. Zdanowicz, David A. Fisher, Elisabeth Isaksson, Anne de Vernal, and Lonnie G. Thompson. 2011. “Reconstructed Changes in Arctic Sea Ice over the Past 1,450 Years.” *Nature* 479 (7374): 509–12. <https://doi.org/10.1038/nature10581>.

Kipfmueller, Kurt F. 2008. “Reconstructed Summer Temperature in the Northern Rocky Mountains Wilderness, USA.” *Quaternary Research* 70 (2): 173–87. <https://doi.org/10.1016/j.yqres.2008.04.003>.

Kipfmueller, Kurt F., and Matthew W. Salzer. 2010. “Linear Trend and Climate Response of Five-Needle Pines in the Western United States Related to Treeline Proximity.” *Canadian Journal of Forest Research* 40 (1): 134–42. <https://doi.org/10.1139/x09-187>.

Ku, T. L., and H. C. Li. 1998. “Speleothems as High-Resolution Paleoenvironment Archives: Records from Northeastern China.” *Journal of Earth System Science* 107 (4): 321–30. <https://doi.org/10.1007/bf02841598>.

Kuhnert, Henning, Traute Crüger, and Jürgen Pätzold. 2005. “NAO Signature in a Bermuda Coral Sr/Ca Record.” *Geochemistry, Geophysics, Geosystems* 6 (4). <https://doi.org/10.1029/2004gc000786>.

Kuhnert, Henning, and Stefan Mulitza. 2011. “Multidecadal Variability and Late Medieval Cooling of Near-Coastal Sea Surface Temperatures in the Eastern Tropical North Atlantic.” *Paleoceanography* 26 (4). <https://doi.org/10.1029/2011pa002130>.

Kuhnert, Henning, Jürgen Pätzold, Bernhard Schnetger, and Gerold Wefer. 2002. “Sea-Surface Temperature Variability in the 16th Century at Bermuda Inferred from Coral Records.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 179 (3–4): 159–71. <https://doi.org/10.1016/s0031-0182(01)00410-2>.

Kuhnert, H., J. Pätzold, B. Hatcher, K.-H. Wyrwoll, A. Eisenhauer, L. B. Collins, Z. R. Zhu, and G. Wefer. 1999. “A 200-Year Coral Stable Oxygen Isotope Record from a High-Latitude Reef Off Western Australia.” *Coral Reefs* 18 (1): 1–12. <https://doi.org/10.1007/s003380050147>.

Kuhnert, H., J. Pätzold, K. -H. Wyrwoll, and G. Wefer. 2000. “Monitoring Climate Variability over the Past 116 Years in Coral Oxygen Isotopes from Ningaloo Reef, Western Australia.” *International Journal of Earth Sciences* 88 (4): 725–32. <https://doi.org/10.1007/s005310050300>.

Lacey, Jack H., Alexander Francke, Melanie J. Leng, Christopher H. Vane, and Bernd Wagner. 2014. “A High-Resolution Late Glacial to Holocene Record of Environmental Change in the Mediterranean from Lake Ohrid (Macedonia/Albania).” *International Journal of Earth Sciences* 104 (6): 1623–38. <https://doi.org/10.1007/s00531-014-1033-6>.

Lachniet, Matthew S., Yemane Asmerom, Stephen J. Burns, William P. Patterson, Victor J. Polyak, and Geoffrey O. Seltzer. 2004. “Tropical Response to the 8200 Yr b.p. Cold Event? Speleothem Isotopes Indicate a Weakened Early Holocene Monsoon in Costa Rica.” *Geology* 32 (11): 957. <https://doi.org/10.1130/g20797.1>.

Lachniet, Matthew S., Juan Pablo Bernal, Yemane Asmerom, Victor Polyak, and Dolores Piperno. 2012. “A 2400 Yr Mesoamerican Rainfall Reconstruction Links Climate and Cultural Change.” *Geology* 40 (3): 259–62. <https://doi.org/10.1130/g32471.1>.

Lamb, H. F., U. Eicher, and V. R. Switsur. 1989. “An 18,000-Year Record of Vegetation, Lake-Level and Climatic Change from Tigalmamine, Middle Atlas, Morocco.” *Journal of Biogeography* 16 (1): 65. <https://doi.org/10.2307/2845311>.

Lamoureux, ScottF., and RaymondS. Bradley. 1996. “A Late Holocene Varved Sediment Record of Environmental Change from Northern Ellesmere Island, Canada.” *Journal of Paleolimnology* 16 (2). <https://doi.org/10.1007/bf00176939>.

Lamy, Frank, Carsten Rühlemann, Dierk Hebbeln, and Gerold Wefer. 2002. “High- and Low-Latitude Climate Control on the Position of the Southern Peru-Chile Current During the Holocene.” *Paleoceanography* 17 (2): 16-1-16-10. <https://doi.org/10.1029/2001pa000727>.

Larocque-Tobler, Isabelle, Martin Grosjean, Oliver Heiri, Mathias Trachsel, and Christian Kamenik. 2010. “Thousand Years of Climate Change Reconstructed from Chironomid Subfossils Preserved in Varved Lake Silvaplana, Engadine, Switzerland.” *Quaternary Science Reviews* 29 (15–16): 1940–49. <https://doi.org/10.1016/j.quascirev.2010.04.018>.

Larocque-Tobler, I., M. M. Stewart, R. Quinlan, M. Trachsel, C. Kamenik, and M. Grosjean. 2012. “A Last Millennium Temperature Reconstruction Using Chironomids Preserved in Sediments of Anoxic Seebergsee (Switzerland): Consensus at Local, Regional and Central European Scales.” *Quaternary Science Reviews* 41 (May): 49–56. <https://doi.org/10.1016/j.quascirev.2012.03.010>.

Larsen, Darren J., Gifford H. Miller, ’Aslaug Geirsd’ottir, and Thorvaldur Thordarson. 2011. “A 3000-Year Varved Record of Glacier Activity and Climate Change from the Proglacial Lake Hvítárvatn, Iceland.” *Quaternary Science Reviews* 30 (19–20): 2715–31. <https://doi.org/10.1016/j.quascirev.2011.05.026>.

Lea, David W., Dorothy K. Pak, Larry C. Peterson, and Konrad A. Hughen. 2003. “Synchroneity of Tropical and High-Latitude Atlantic Temperatures over the Last Glacial Termination.” *Science* 301 (5638): 1361–64. <https://doi.org/10.1126/science.1088470>.

Leduc, Guillaume, Caren T. Herbert, Thomas Blanz, Philippe Martinez, and Ralph Schneider. 2010. “Contrasting Evolution of Sea Surface Temperature in the Benguela Upwelling System Under Natural and Anthropogenic Climate Forcings.” *Geophysical Research Letters* 37 (20). <https://doi.org/10.1029/2010gl044353>.

Leijonhufvud, Lotta, Rob Wilson, Anders Moberg, Johan Söderberg, Dag Retsö, and Ulrica Söderlind. 2009. “Five Centuries of Stockholm Winter/Spring Temperatures Reconstructed from Documentary Evidence and Instrumental Observations.” *Climatic Change* 101 (1–2): 109–41. <https://doi.org/10.1007/s10584-009-9650-y>.

Linsley, Braddock K., Robert B. Dunbar, Gerard M. Wellington, and David A. Mucciarone. 1994. “A Coral-Based Reconstruction of Intertropical Convergence Zone Variability over Central America Since 1707.” *Journal of Geophysical Research: Oceans* 99 (C5): 9977–94. <https://doi.org/10.1029/94jc00360>.

Linsley, Braddock K., Alexey Kaplan, Yves Gouriou, Jim Salinger, Peter B. deMenocal, Gerard M. Wellington, and Stephen S. Howe. 2006. “Tracking the Extent of the South Pacific Convergence Zone Since the Early 1600s.” *Geochemistry, Geophysics, Geosystems* 7 (5). <https://doi.org/10.1029/2005gc001115>.

Linsley, Braddock K., Lei Ren, Robert B. Dunbar, and Stephen S. Howe. 2000. “El Niño Southern Oscillation (ENSO) and Decadal-Scale Climate Variability at 10°n in the Eastern Pacific from 1893 to 1994: A Coral-Based Reconstruction from Clipperton Atoll.” *Paleoceanography* 15 (3): 322–35. <https://doi.org/10.1029/1999pa000428>.

Linsley, Braddock K., Yair Rosenthal, and Delia W. Oppo. 2010. “Holocene Evolution of the Indonesian Throughflow and the Western Pacific Warm Pool.” *Nature Geoscience* 3 (8): 578–83. <https://doi.org/10.1038/ngeo920>.

Liu, Xiaodong, Liguang Sun, Gangjian Wei, Yuhong Wang, Hong Yan, Kexin Liu, and Xiaohong Wu. 2008. “A 1,100-Year Palaeoenvironmental Record Inferred from Stable Isotope and Trace Element Compositions of Ostracode and Plant Caryopses in Sediments of Cattle Pond, Dongdao Island, South China Sea.” *Journal of Paleolimnology* 40 (4): 987–1002. <https://doi.org/10.1007/s10933-008-9211-9>.

Lloyd, Andrea H., and Lisa J. Graumlich. 1997. “HOLOCENE DYNAMICS OF TREELINE FORESTS IN THE SIERRA NEVADA.” *Ecology* 78 (4): 1199–1210. <https://doi.org/10.1890/0012-9658(1997)078[1199:hdotfi]2.0.co;2>.

Luckman, B. H., and R. J. S. Wilson. 2005. “Summer Temperatures in the Canadian Rockies During the Last Millennium: A Revised Record.” *Climate Dynamics* 24 (2–3): 131–44. <https://doi.org/10.1007/s00382-004-0511-0>.

Luckman, Brian, and Trudy Kavanagh. 2000. “Impact of Climate Fluctuations on Mountain Environments in the Canadian Rockies.” *AMBIO: A Journal of the Human Environment* 29 (7): 371–80. <https://doi.org/10.1579/0044-7447-29.7.371>.

Lund, David C., and William Curry. 2006. “Florida Current Surface Temperature and Salinity Variability During the Last Millennium.” *Paleoceanography* 21 (2). <https://doi.org/10.1029/2005pa001218>.

Luoto, Tomi P., and Samuli Helama. 2010. “Palaeoclimatological and Palaeolimnological Records from Fossil Midges and Tree-Rings: The Role of the North Atlantic Oscillation in Eastern Finland Through the Medieval Climate Anomaly and Little Ice Age.” *Quaternary Science Reviews* 29 (17-18): 2411–23. <https://doi.org/10.1016/j.quascirev.2010.06.015>.

Luoto, Tomi P., Kaarina Sarmaja-Korjonen, Liisa Nevalainen, and Tommi Kauppila. 2009. “A 700 Year Record of Temperature and Nutrient Changes in a Small Eutrophied Lake in Southern Finland.” *The Holocene* 19 (7): 1063–72. <https://doi.org/10.1177/0959683609341002>.

MacDonald, G. M., R. A. Case, and J. M. Szeicz. 1998. “A 538-Year Record of Climate and Treeline Dynamics from the Lower Lena River Region of Northern Siberia, Russia.” *Arctic and Alpine Research* 30 (4): 334. <https://doi.org/10.2307/1552005>.

Magda, V. N., J. Block, O. Ch. Oidupaa, and E. A. Vaganov. 2011. “Extraction of the Climatic Signal for Moisture from Tree-Ring Chronologies of Altai-Sayan Mountain Forest-Steppes.” *Contemporary Problems of Ecology* 4 (7): 716–24. <https://doi.org/10.1134/s1995425511070034>.

Mangini, A., C. Spötl, and P. Verdes. 2005. “Reconstruction of Temperature in the Central Alps During the Past 2000 Yr from a δ18O Stalagmite Record.” *Earth and Planetary Science Letters* 235 (3–4): 741–51. <https://doi.org/10.1016/j.epsl.2005.05.010>.

Mart’ın-Chivelet, Javier, M. Bel’en Muñoz-Garc’ıa, R. Lawrence Edwards, Mar’ıa J. Turrero, and Ana I. Ortega. 2011. “Land Surface Temperature Changes in Northern Iberia Since 4000yrBP, Based on δ13C of Speleothems.” *Global and Planetary Change* 77 (1–2): 1–12. <https://doi.org/10.1016/j.gloplacha.2011.02.002>.

Mashig, Rosanne Dand Erika, David Frank, Rob Wilson, and Gordon Jacoby. 2005. “Temperature Variability over the Past Millennium Inferred from Northwestern Alaska Tree Rings.” *Climate Dynamics* 24 (2–3): 227–36. <https://doi.org/10.1007/s00382-004-0502-1>.

McCabe-Glynn, Staryl, Kathleen R. Johnson, Courtenay Strong, Max Berkelhammer, Ashish Sinha, Hai Cheng, and R. Lawrence Edwards. 2013. “Variable North Pacific Influence on Drought in Southwestern North America Since AD 854.” *Nature Geoscience* 6 (8): 617–21. <https://doi.org/10.1038/ngeo1862>.

McCarroll, Danny, Neil J Loader, Risto Jalkanen, Mary H Gagen, HGrudd, Björn E Gunnarson, Andreas J Kirchhefer, et al. 2013. “A 1200-Year Multiproxy Record of Tree Growth and Summer Temperature at the Northern Pine Forest Limit of Europe.” *The Holocene* 23 (4): 471–84. <https://doi.org/10.1177/0959683612467483>.

McGregor, H. V., M. Dima, H. W. Fischer, and S. Mulitza. 2007. “Rapid 20th-Century Increase in Coastal Upwelling Off Northwest Africa.” *Science* 315 (5812): 637–39. <https://doi.org/10.1126/science.1134839>.

McGregor, Helen V., Michael N. Evans, Hugues Goosse, Guillaume Leduc, Belen Martrat, Jason A. Addison, P. Graham Mortyn, et al. 2015. “Robust Global Ocean Cooling Trend for the Pre-Industrial Common Era.” *Nature Geoscience* 8 (9): 671–77. <https://doi.org/10.1038/ngeo2510>.

McKay, Nicholas P., Darrell S. Kaufman, and Neal Michelutti. 2008. “Biogenic Silica Concentration as a High-Resolution, Quantitative Temperature Proxy at Hallet Lake, South-Central Alaska.” *Geophysical Research Letters* 35 (5). <https://doi.org/10.1029/2007gl032876>.

Medina-Elizalde, Mart’ın, Stephen J. Burns, David W. Lea, Yemane Asmerom, Lucien von Gunten, Victor Polyak, Mathias Vuille, and Ambarish Karmalkar. 2010. “High Resolution Stalagmite Climate Record from the Yucatán Peninsula Spanning the Maya Terminal Classic Period.” *Earth and Planetary Science Letters* 298 (1–2): 255–62. <https://doi.org/10.1016/j.epsl.2010.08.016>.

Melvin, Thomas M, Håkan Grudd, and Keith R Briffa. 2012. “Potential Bias in ‘Updating’ Tree-Ring Chronologies Using Regional Curve Standardisation: Re-Processing 1500 Years of Torneträsk Density and Ring-Width Data.” *The Holocene* 23 (3): 364–73. <https://doi.org/10.1177/0959683612460791>.

Mette, Madelyn J., Alan D. Wanamaker, Michael L. Carroll, William G. Ambrose, and Michael J. Retelle. 2015. “Linking Large-Scale Climate Variability with a Rctica Islandica Shell Growth and Geochemistry in Northern Norway: Linking Climate and Shell Records in Norway.” *Limnology and Oceanography* 61 (2): 748–64. <https://doi.org/10.1002/lno.10252>.

Moffa-S’anchez, Paola, Andreas Born, Ian R. Hall, David J. R. Thornalley, and Stephen Barker. 2014. “Solar Forcing of North Atlantic Surface Temperature and Salinity over the Past Millennium.” *Nature Geoscience* 7 (4): 275–78. <https://doi.org/10.1038/ngeo2094>.

Mohtadi, Mahyar, Oscar E. Romero, J’erôme Kaiser, and Dierk Hebbeln. 2007. “Cooling of the Southern High Latitudes During the Medieval Period and Its Effect on ENSO.” *Quaternary Science Reviews* 26 (7–8): 1055–66. <https://doi.org/10.1016/j.quascirev.2006.12.008>.

Moore, J. J., K. A. Hughen, G. H. Miller, and J. T. Overpeck. 2001. “Little Ice Age Recorded in Summer Temperature Reconstruction from Vared Sediments of Donard Lake, Baffin Island, Canada.” *Journal of Paleolimnology* 25: 503–17. <https://doi.org/10.1023/A:1011181301514>.

Moreno, Ana, Ana P’erez, Jaime Frigola, Vanesa Nieto-Moreno, Marta Rodrigo-G’amiz, Bel’en Martrat, Pen’elope Gonz’alez-Samp’eriz, et al. 2012. “The Medieval Climate Anomaly in the Iberian Peninsula Reconstructed from Marine and Lake Records.” *Quaternary Science Reviews* 43 (June): 16–32. <https://doi.org/10.1016/j.quascirev.2012.04.007>.

Moses, C. S., and P. K. Swart. 2006. “Stable Isotope and Growth Records in Corals from the Island of Tobago: Not Simply a Record of the Orinoco.” *Proceedings of the 10th International Coral Reef Symposium (Okinawa)*, 580–87. <https://doi.org/no doi>.

Moses, Christopher S., Peter K. Swart, and Brad E. Rosenheim. 2006. “Evidence of Multidecadal Salinity Variability in the Eastern Tropical North Atlantic.” *Paleoceanography* 21 (3). <https://doi.org/10.1029/2005pa001257>.

Mosley-Thompson, Ellen, Lonnie G. Thompson, Pieter M. Grootes, and N. Gundestrup. 1990. “Little Ice Age (Neoglacial) Paleoenvironmental Conditions at Siple Station, Antarctica.” *Annals of Glaciology* 14: 199–204. <https://doi.org/10.3189/s0260305500008570>.

Motizuki, Y., Y. Nakai, K. Takahashi, M. Igarashi, H. Motoyama, and K. Suzuki. 2014. “Dating of a Dome Fuji (Antarctica) Shallow Ice Core by Volcanic Signal Synchronization with B32 and EDML1 Chronologies.” *The Cryosphere Discussions* 8: 769–804. <https://doi.org/10.5194/tcd-8-769-2014>.

Moustafa, Yaser Ahmed, Juergen Paetzold, Yossi Loya, and Gerold Wefer. 2000. “Mid-Holocene Stable Isotope Record of Corals from the Northern Red Sea.” *Berichte, Fachbereich Geowissenschaften, Universitaet Bremen* 153: 102 pp. https://doi.org/<http://nbn-resolving.de/urn:nbn:de:gbv:46-ep000102745>.

Mulvaney, Robert, Nerilie J. Abram, Richard C. A. Hindmarsh, Carol Arrowsmith, Louise Fleet, Jack Triest, Louise C. Sime, Olivier Alemany, and Susan Foord. 2012. “Recent Antarctic Peninsula Warming Relative to Holocene Climate and Ice-Shelf History.” *Nature* 489 (7414): 141–44. <https://doi.org/10.1038/nature11391>.

Mulvaney, Robert, Hans Oerter, David A. Peel, Wolfgang Graf, Carol Arrowsmith, Elizabeth C. Pasteur, Bruce Knight, Genevi‘eve C. Littot, and William D. Miners. 2002. “1000 Year Ice-Core Records from Berkner Island, Antarctica.” *Annals of Glaciology* 35: 45–51. <https://doi.org/10.3189/172756402781817176>.

Munz, Philipp M, Michael Siccha, Andreas Lückge, Anna Böll, Michal Kucera, and Hartmut Schulz. 2015. “Decadal-Resolution Record of Winter Monsoon Intensity over the Last Two Millennia from Planktic Foraminiferal Assemblages in the Northeastern Arabian Sea.” *The Holocene* 25 (11): 1756–71. <https://doi.org/10.1177/0959683615591357>.

Nakamura, Nobuko, Hajime Kayanne, Hiroko Iijima, Timothy R. McClanahan, Swadhin K. Behera, and Toshio Yamagata. 2009. “Mode Shift in the Indian Ocean Climate Under Global Warming Stress.” *Geophysical Research Letters* 36 (23). <https://doi.org/10.1029/2009gl040590>.

Neukom, Raphael, Joëlle Gergis, David J. Karoly, Heinz Wanner, Mark Curran, Julie Elbert, Fidel Gonz’alez-Rouco, et al. 2014. “Inter-Hemispheric Temperature Variability over the Past Millennium.” *Nature Climate Change* 4 (5): 362–67. <https://doi.org/10.1038/nclimate2174>.

Newton, A., R. Thunell, and L. Stott. 2010. “Changes in the Indonesian Throughflow During the Past 2000 Yr.” *Geology* 39 (1): 63–66. <https://doi.org/10.1130/g31421.1>.

Nieto-Moreno, V., F. Mart’ınez-Ruiz, V. Willmott, J. Garc’ıa-Orellana, P. Masqu’e, and J. S. Sinninghe Damst’e. 2013. “Climate Conditions in the Westernmost Mediterranean over the Last Two Millennia: An Integrated Biomarker Approach.” *Organic Geochemistry* 55 (February): 1–10. <https://doi.org/10.1016/j.orggeochem.2012.11.001>.

Novello, Valdir F., Francisco W. Cruz, Ivo Karmann, Stephen J. Burns, Nicol’as M. Str’ıkis, Mathias Vuille, Hai Cheng, et al. 2012. “Multidecadal Climate Variability in Brazil’s Nordeste During the Last 3000 Years Based on Speleothem Isotope Records.” *Geophysical Research Letters* 39 (23). <https://doi.org/10.1029/2012gl053936>.

Nurhati, Intan S., Kim M. Cobb, and Emanuele Di Lorenzo. 2011. “Decadal-Scale SST and Salinity Variations in the Central Tropical Pacific: Signatures of Natural and Anthropogenic Climate Change.” *Journal of Climate* 24 (13): 3294–3308. <https://doi.org/10.1175/2011jcli3852.1>.

Ojala, Antti E. K., and Teija Alenius. 2005. “10000 Years of Interannual Sedimentation Recorded in the Lake Nautajärvi (Finland) Clastic–Organic Varves.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 219 (3–4): 285–302. <https://doi.org/10.1016/j.palaeo.2005.01.002>.

Okuyama, Junichi, Hideki Narita, Takeo Hondoh, and Roy M. Koerner. 2003. “Physical Properties of the P96 Ice Core from Penny Ice Cap, Baffin Island, Canada, and Derived Climatic Records.” *Journal of Geophysical Research: Solid Earth* 108 (B2). <https://doi.org/10.1029/2001jb001707>.

Opel, T., D. Fritzsche, and H. Meyer. 2013. “Eurasian Arctic Climate over the Past Millennium as Recorded in the Akademii Nauk Ice Core (Severnaya Zemlya).” *Climate of the Past* 9 (5): 2379–89. <https://doi.org/10.5194/cp-9-2379-2013>.

Oppo, Delia W., Yair Rosenthal, and Braddock K. Linsley. 2009. “2,000-Year-Long Temperature and Hydrology Reconstructions from the Indo-Pacific Warm Pool.” *Nature* 460 (7259): 1113–16. <https://doi.org/10.1038/nature08233>.

Orsi, Anais J., Bruce D. Cornuelle, and Jeffrey P. Severinghaus. 2012. “Little Ice Age Cold Interval in West Antarctica: Evidence from Borehole Temperature at the West Antarctic Ice Sheet (WAIS) Divide.” *Geophysical Research Letters* 39 (9). <https://doi.org/10.1029/2012gl051260>.

Osborne, Michael C., Robert B. Dunbar, David A. Mucciarone, Ellen Druffel, and Joan-Albert Sanchez-Cabeza. 2014. “A 215-Yr Coral δ18O Time Series from Palau Records Dynamics of the West Pacific Warm Pool Following the End of the Little Ice Age.” *Coral Reefs* 33 (3): 719–31. <https://doi.org/10.1007/s00338-014-1146-1>.

Ovtchinnikov, Dmitriy, Mikhail Adamenko, and Irina Panyushkina. 2000. “An 1105-Year Tree-Ring Chronology in Altai Region and Its Application for Reconstruction of Summer Temperatures.” *GeoLines* 11: 121–22.

Pahnke, Katharina, Julian P. Sachs, Lloyd Keigwin, Axel Timmermann, and Shang?Ping Xie. 2007. “Eastern Tropical Pacific Hydrologic Changes During the Past 27,000 Years from d/h Ratios in Alkenones.” *Paleoceanography* 22 (4). <https://doi.org/10.1029/2007pa001468>.

Panyushkina, I. P., C. Chang, A. W. Clemens, and N. Bykov. 2010. “First Tree-Ring Chronology from Andronovo Archaeological Timbers of Bronze Age in Central Asia.” *Dendrochronologia* 28 (1): 13–21. <https://doi.org/10.1016/j.dendro.2008.10.001>.

Panyushkina, Irina P., Dmitriy V. Ovtchinnikov, and Mikhail F. Adamenko. 2005. “Mixed Response of Decadal Variability in Larch Tree-Ring Chronologies from Upper Tree-Lines of the Russian Altai.” *Tree-Ring Research* 61 (1): 33–42. <https://doi.org/10.3959/1536-1098-61.1.33>.

Paquette, Nathalie, and Konrad Gajewski. 2013. “Climatic Change Causes Abrupt Changes in Forest Composition, Inferred from a High-Resolution Pollen Record, Southwestern Quebec, Canada.” *Quaternary Science Reviews* 75 (September): 169–80. <https://doi.org/10.1016/j.quascirev.2013.06.007>.

Partin, J. W., T. M. Quinn, C.-C. Shen, J. Emile-Geay, F. W. Taylor, C. R. Maupin, K. Lin, et al. 2013. “Multidecadal Rainfall Variability in South Pacific Convergence Zone as Revealed by Stalagmite Geochemistry.” *Geology* 41 (11): 1143–46. <https://doi.org/10.1130/g34718.1>.

Pederson, Gregory T., Stephen T. Gray, Connie A. Woodhouse, Julio L. Betancourt, Daniel B. Fagre, Jeremy S. Littell, Emma Watson, Brian H. Luckman, and Lisa J. Graumlich. 2011. “The Unusual Nature of Recent Snowpack Declines in the North American Cordillera.” *Science* 333 (6040): 332–35. <https://doi.org/10.1126/science.1201570>.

Pfeiffer, Miriam, Oliver Timm, Wolf-Christian Dullo, and Steffen Podlech. 2004. “Oceanic Forcing of Interannual and Multidecadal Climate Variability in the Southwestern Indian Ocean: Evidence from a 160 Year Coral Isotopic Record (La Réunion, 55°e, 21°s).” *Paleoceanography* 19 (4). <https://doi.org/10.1029/2003pa000964>.

Pla, Sergi, and Jordi Catalan. 2004. “Chrysophyte Cysts from Lake Sediments Reveal the Submillennial Winter/Spring Climate Variability in the Northwestern Mediterranean Region Throughout the Holocene.” *Climate Dynamics* 24 (2–3): 263–78. <https://doi.org/10.1007/s00382-004-0482-1>.

Plummer, C. T., M. A. J. Curran, T D. van Ommen, S. O. Rasmussen, A. D. Moy, T. R. Vance, H. B. Clausen, B. M. Vinther, and P. A. Mayewski. 2012. “An Independently Dated 2000-Yr Volcanic Record from Law Dome, East Antarctica, Including a New Perspective on the Dating of the 1450s CE Eruption of Kuwae, Vanuatu.” *Climate of the Past* 8 (6): 1929–40. <https://doi.org/10.5194/cp-8-1929-2012>.

Popa, Ionel, and Zolt’an Kern. 2008. “Long-Term Summer Temperature Reconstruction Inferred from Tree-Ring Records from the Eastern Carpathians.” *Climate Dynamics* 32 (7–8): 1107–17. <https://doi.org/10.1007/s00382-008-0439-x>.

Porter, Trevor J., Michael F. J. Pisaric, Robert D. Field, Steven V. Kokelj, Thomas W. D. Edwards, Peter deMontigny, Richard Healy, and Allegra N. LeGrande. 2013. “Spring-Summer Temperatures Since AD 1780 Reconstructed from Stable Oxygen Isotope Ratios in White Spruce Tree-Rings from the Mackenzie Delta, Northwestern Canada.” *Climate Dynamics* 42 (3-4): 771–85. <https://doi.org/10.1007/s00382-013-1674-3>.

Porter, Trevor J., Michael F. J. Pisaric, Steven V. Kokelj, and Peter deMontigny. 2013a. “A Ring-Width-Based Reconstruction of June-July Minimum Temperatures Since AD 1245 from White Spruce Stands in the Mackenzie Delta Region, Northwestern Canada.” *Quaternary Research* 80 (2): 167–79. <https://doi.org/10.1016/j.yqres.2013.05.004>.

———. 2013b. “A Ring-Width-Based Reconstruction of June–July Minimum Temperatures Since AD 1245 from White Spruce Stands in the Mackenzie Delta Region, Northwestern Canada.” *Quaternary Research* 80 (2): 167–79. <https://doi.org/10.1016/j.yqres.2013.05.004>.

Powers, Lindsay A., Thomas C. Johnson, Josef P. Werne, Isla S. Castañeda, Ellen C. Hopmans, Jaap S. Sinninghe Damst’e, and Stefan Schouten. 2011. “Organic Geochemical Records of Environmental Variability in Lake Malawi During the Last 700 Years, Part i: The TEX86 Temperature Record.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 303 (1–4): 133–39. <https://doi.org/10.1016/j.palaeo.2010.09.006>.

Qin, Ningsheng, Xuemei Shao, Liya Jin, Qingchun Wang, Xide Zhu, Zhenyu Wang, and Jinbao Li. 2003. “Climate Change over Southern Qinghai Plateau in the Past 500 Years Recorded in Sabina Tibetica Tree Rings.” *Science Bulletin* 48 (22): 2484–88. <https://doi.org/10.1360/03wd0088>.

Quinn, Terrence M., Thomas J. Crowley, and Frederick W. Taylor. 1996. “New Stable Isotope Results from a 173-Year Coral from Espiritu Santo, Vanuatu.” *Geophysical Research Letters* 23 (23): 3413–16. <https://doi.org/10.1029/96gl03169>.

Quinn, Terrence M., Frederick W. Taylor, and Thomas J. Crowley. 2006. “Coral-Based Climate Variability in the Western Pacific Warm Pool Since 1867.” *Journal of Geophysical Research: Oceans* 111 (C11). <https://doi.org/10.1029/2005jc003243>.

Rhodes, R. H., N. A. N. Bertler, J. A. Baker, H. C. Steen-Larsen, S. B. Sneed, U. Morgenstern, and S. J. Johnsen. 2012. “Little Ice Age Climate and Oceanic Conditions of the Ross Sea, Antarctica from a Coastal Ice Core Record.” *Climate of the Past* 8 (4): 1223–38. <https://doi.org/10.5194/cp-8-1223-2012>.

Richey, Julie N., Richard Z. Poore, Benjamin P. Flower, Terrence M. Quinn, and David J. Hollander. 2009. “Regionally Coherent Little Ice Age Cooling in the Atlantic Warm Pool.” *Geophysical Research Letters* 36 (21). <https://doi.org/10.1029/2009gl040445>.

Richter, T. O., F. J. C. Peeters, and T. C. E. van Weering. 2009. “Late Holocene (0–2.4 Ka BP) Surface Water Temperature and Salinity Variability, Feni Drift, NE Atlantic Ocean.” *Quaternary Science Reviews* 28 (19–20): 1941–55. <https://doi.org/10.1016/j.quascirev.2009.04.008>.

Rolland, Nicolas, Isabelle Larocque, Pierre Francus, Reinhard Pienitz, and Laurence Laperri‘ere. 2009. “Evidence for a Warmer Period During the 12th and 13th Centuries AD from Chironomid Assemblages in Southampton Island, Nunavut, Canada.” *Quaternary Research* 72 (1): 27–37. <https://doi.org/10.1016/j.yqres.2009.03.001>.

Rosenheim, Brad E., Peter K. Swart, Simon R. Thorrold, Anton Eisenhauer, and Philippe Willenz. 2005. “Salinity Change in the Subtropical Atlantic: Secular Increase and Teleconnections to the North Atlantic Oscillation.” *Geophysical Research Letters* 32 (2). <https://doi.org/10.1029/2004gl021499>.

Ruth, Urs, Dietmar Wagenbach, Robert Mulvaney, Hans Oerter, Wolfgang Graf, Henning Pulz, and Genevieve Littot. 2004. “Comprehensive 1000 Year Climatic History from an Intermediate-Depth Ice Core from the South Dome of Berkner Island, Antarctica: Methods, Dating and First Results.” *Annals of Glaciology* 39: 146–54. <https://doi.org/10.3189/172756404781814104>.

Sachs, Julian P. 2007. “Cooling of Northwest Atlantic Slope Waters During the Holocene.” *Geophysical Research Letters* 34 (3). <https://doi.org/10.1029/2006gl028495>.

Saenger, Casey, Rosemarie E. Came, Delia W. Oppo, Lloyd D. Keigwin, and Anne L. Cohen. 2011. “Regional Climate Variability in the Western Subtropical North Atlantic During the Past Two Millennia.” *Paleoceanography* 26 (2). <https://doi.org/10.1029/2010pa002038>.

Saenger, Casey, Anne L. Cohen, Delia W. Oppo, Robert B. Halley, and Jessica E. Carilli. 2009. “Surface-Temperature Trends and Variability in the Low-Latitude North Atlantic Since 1552.” *Nature Geoscience* 2 (7): 492–95. <https://doi.org/10.1038/ngeo552>.

Salzer, Matthew W., Andrew G. Bunn, Nicholas E. Graham, and Malcolm K. Hughes. 2013. “Five Millennia of Paleotemperature from Tree-Rings in the Great Basin, USA.” *Climate Dynamics* 42 (5-6): 1517–26. <https://doi.org/10.1007/s00382-013-1911-9>.

SALZER, MATTHEW W., and KURT F. KIPFMUELLER. 2005. “Reconstructed Temperature and Precipitation on a Millennial Timescale from Tree-Rings in the Southern Colorado Plateau, u.s.a.” *Climatic Change* 70 (3): 465–87. <https://doi.org/10.1007/s10584-005-5922-3>.

Sano, Masaki, Brendan M. Buckley, and Tatsuo Sweda. 2008. “Tree-Ring Based Hydroclimate Reconstruction over Northern Vietnam from Fokienia Hodginsii: Eighteenth Century Mega-Drought and Tropical Pacific Influence.” *Climate Dynamics* 33 (2–3): 331–40. <https://doi.org/10.1007/s00382-008-0454-y>.

Sano, M, F Furuta, and T Sweda. 2009. “Tree-Ring-Width Chronology of Larix Gmelinii as an Indicator of Changes in Early Summer Temperature in East-Central Kamchatka.” *Journal of Forest Research* 14: 147–54. <https://doi.org/110.1007/s10310-10009-10123-y>.

Saraswat, Rajeev, David W. Lea, Rajiv Nigam, Andreas Mackensen, and Dinesh K. Naik. 2013. “Deglaciation in the Tropical Indian Ocean Driven by Interplay Between the Regional Monsoon and Global Teleconnections.” *Earth and Planetary Science Letters* 375 (August): 166–75. <https://doi.org/10.1016/j.epsl.2013.05.022>.

Saunders, K., M. Grosjean, and D. Hodgson. 2016. “Erratum: A 950 Yr Temperature Reconstruction from Duckhole Lake, Southern Tasmania, Australia.” *The Holocene* 26: 830. <https://doi.org/10.1177/0959683616640987>.

Saunders, KM, M Grosjean, and DA Hodgson. 2013. “A 950 Yr Temperature Reconstruction from Duckhole Lake, Southern Tasmania, Australia.” *The Holocene* 23 (6): 771–83. <https://doi.org/10.1177/0959683612470176>.

Schiefer, Erik, Brian Menounos, and Olav Slaymaker. 2006. “Extreme Sediment Delivery Events Recorded in the Contemporary Sediment Record of a Montane Lake, Southern Coast Mountains, British Columbia.” *Canadian Journal of Earth Sciences* 43 (12): 1777–90. <https://doi.org/10.1139/e06-056>.

Schneider, David P., and Eric J. Steig. 2008. “Ice Cores Record Significant 1940s Antarctic Warmth Related to Tropical Climate Variability.” *Proceedings of the National Academy of Sciences* 105 (34): 12154–58. <https://doi.org/10.1073/pnas.0803627105>.

Schneider, Lea, Jason E. Smerdon, Ulf Büntgen, Rob J. S. Wilson, Vladimir S. Myglan, Alexander V. Kirdyanov, and Jan Esper. 2015a. “Revising Midlatitude Summer Temperatures Back to a.d. 600 Based on a Wood Density Network.” *Geophysical Research Letters* 42 (11): 4556–62. <https://doi.org/10.1002/2015gl063956>.

———. 2015b. “Revising Midlatitude Summer Temperatures Back to a.d. 600 Based on a Wood Density Network.” *Geophysical Research Letters* 42 (11): 4556–62. <https://doi.org/10.1002/2015gl063956>.

Schweingruber, Fritz H., and Keith R. Briffa. 1996. “Tree-Ring Density Networks for Climate Reconstruction.” In *Climatic Variations and Forcing Mechanisms of the Last 2000 Years*, 43–66. Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-642-61113-1_3>.

Sejrup, H. P., H. Haflidason, and J. T. Andrews. 2011. “A Holocene North Atlantic SST Record and Regional Climate Variability.” *Quaternary Science Reviews* 30 (21-22): 3181–95. <https://doi.org/10.1016/j.quascirev.2011.07.025>.

Sep’ulveda, Julio, Silvio Pantoja, Konrad A. Hughen, S’ebastien Bertrand, Dante Figueroa, Tania Le’on, Nicholas J. Drenzek, and Carina Lange. 2009. “Late Holocene Sea-Surface Temperature and Precipitation Variability in Northern Patagonia, Chile (Jacaf Fjord, 44°s).” *Quaternary Research* 72 (3): 400–409. <https://doi.org/10.1016/j.yqres.2009.06.010>.

Shanahan, Timothy M., Nicholas P. McKay, Konrad A. Hughen, Jonathan T. Overpeck, Bette Otto-Bliesner, Clifford W. Heil, John King, Christopher A. Scholz, and John Peck. 2015. “The Time-Transgressive Termination of the African Humid Period.” *Nature Geoscience* 8 (2): 140–44. <https://doi.org/10.1038/ngeo2329>.

Shapley, M. D., E. Ito, and J. J. Donovan. 2009. “Lateglacial and Holocene Hydroclimate Inferred from a Groundwater Flow-Through Lake, Northern Rocky Mountains, USA.” *The Holocene* 19 (4): 523–35. <https://doi.org/10.1177/0959683609104029>.

Shevenell, A. E., A. E. Ingalls, E. W. Domack, and C. Kelly. 2011. “Holocene Southern Ocean Surface Temperature Variability West of the Antarctic Peninsula.” *Nature* 470 (7333): 250–54. <https://doi.org/10.1038/nature09751>.

Sicre, M.-A., I. R. Hall, J. Mignot, M. Khodri, U. Ezat, M.-X. Truong, J. Eir’ıksson, and K.-L. Knudsen. 2011. “Sea Surface Temperature Variability in the Subpolar Atlantic over the Last Two Millennia.” *Paleoceanography* 26 (4). <https://doi.org/10.1029/2011pa002169>.

Sletten, Hillary R., L. Bruce Railsback, Fuyuan Liang, George A. Brook, Eugene Marais, Benjamin F. Hardt, Hai Cheng, and R. Lawrence Edwards. 2013. “A Petrographic and Geochemical Record of Climate Change over the Last 4600years from a Northern Namibia Stalagmite, with Evidence of Abruptly Wetter Climate at the Beginning of Southern Africa’s Iron Age.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 376 (April): 149–62. <https://doi.org/10.1016/j.palaeo.2013.02.030>.

Sommer, S., D. Wagenbach, R. Mulvaney, and H. Fischer. 2000. “Glacio-Chemical Study Spanning the Past 2 Kyr on Three Ice Cores from Dronning Maud Land, Antarctica: 2. Seasonally Resolved Chemical Records.” *Journal of Geophysical Research: Atmospheres* 105 (D24): 29423–33. <https://doi.org/10.1029/2000jd900450>.

Spielhagen, Robert F., Kirstin Werner, Steffen Aagaard Sørensen, Katarzyna Zamelczyk, Evguenia Kandiano, Gereon Budeus, Katrine Husum, Thomas M. Marchitto, and Morten Hald. 2011. “Enhanced Modern Heat Transfer to the Arctic by Warm Atlantic Water.” *Science* 331 (6016): 450–53. <https://doi.org/10.1126/science.1197397>.

Springer, Gregory S., Harold D. Rowe, Ben Hardt, R. Lawrence Edwards, and Hai Cheng. 2008. “Solar Forcing of Holocene Droughts in a Stalagmite Record from West Virginia in East-Central North America.” *Geophysical Research Letters* 35 (17). <https://doi.org/10.1029/2008gl034971>.

St. Jacques, Jeannine-Marie, Brian F. Cumming, David J. Sauchyn, and John P. Smol. 2015. “The Bias and Signal Attenuation Present in Conventional Pollen-Based Climate Reconstructions as Assessed by Early Climate Data from Minnesota, USA.” Edited by Christopher Carcaillet. *PLOS ONE* 10 (1): e0113806. <https://doi.org/10.1371/journal.pone.0113806>.

St. Jacques, Jeannine-Marie, Brian F. Cumming, and John P. Smol. 2008. “A 900-Year Pollen-Inferred Temperature and Effective Moisture Record from Varved Lake Mina, West-Central Minnesota, USA.” *Quaternary Science Reviews* 27 (7–8): 781–96. <https://doi.org/10.1016/j.quascirev.2008.01.005>.

Steig, Eric J., Qinghua Ding, James W. C. White, Marcel Küttel, Summer B. Rupper, Thomas A. Neumann, Peter D. Neff, et al. 2013. “Recent Climate and Ice-Sheet Changes in West Antarctica Compared with the Past 2,000 Years.” *Nature Geoscience* 6 (5): 372–75. <https://doi.org/10.1038/ngeo1778>.

Steig, Eric J., David L. Morse, Edwin D. Waddington, Minze Stuiver, Pieter M. Grootes, Paul A. Mayewski, Mark S. Twickler, and Sallie I. Whitlow. 2000. “Wisconsinan and Holocene Climate History from an Ice Core at Taylor Dome, Western Ross Embayment, Antarctica.” *Geografiska Annaler: Series A, Physical Geography* 82 (2-3): 213–35. <https://doi.org/10.1111/j.0435-3676.2000.00122.x>.

Steinman, Byron A., Mark B. Abbott, Michael E. Mann, Nathan D. Stansell, and Bruce P. Finney. 2012. “1,500 Year Quantitative Reconstruction of Winter Precipitation in the Pacific Northwest.” *Proceedings of the National Academy of Sciences* 109 (29): 11619–23. <https://doi.org/10.1073/pnas.1201083109>.

Steinman, Byron A., David P. Pompeani, Mark B. Abbott, Joseph D. Ortiz, Nathan D. Stansell, Matthew S. Finkenbinder, Lorita N. Mihindukulasooriya, and Aubrey L. Hillman. 2016. “Oxygen Isotope Records of Holocene Climate Variability in the Pacific Northwest.” *Quaternary Science Reviews* 142 (June): 40–60. <https://doi.org/10.1016/j.quascirev.2016.04.012>.

Stenni, Barbara, Valerie Masson-Delmotte, Sigfus Johnsen, Jean Jouzel, Antonio Longinelli, Eric Monnin, Regine Ro?thlisberger, and Enrico Selmo. 2001. “An Oceanic Cold Reversal During the Last Deglaciation.” *Science* 293 (5537): 2074–77. <https://doi.org/10.1126/science.1059702>.

Stenni, B., D. Buiron, M. Frezzotti, S. Albani, C. Barbante, E. Bard, J. M. Barnola, et al. 2010. “Expression of the Bipolar See-Saw in Antarctic Climate Records During the Last Deglaciation.” *Nature Geoscience* 4 (1): 46–49. <https://doi.org/10.1038/ngeo1026>.

Stenni, B., M. Proposito, R. Gragnani, O. Flora, J. Jouzel, S. Falourd, and M. Frezzotti. 2002. “Eight Centuries of Volcanic Signal and Climate Change at Talos Dome (East Antarctica).” *Journal of Geophysical Research: Atmospheres* 107 (D9): ACL 3-1-ACL 3-13. <https://doi.org/10.1029/2000jd000317>.

Stott, Lowell, Axel Timmermann, and Robert Thunell. 2007. “Southern Hemisphere and Deep-Sea Warming Led Deglacial Atmospheric CO2 Rise and Tropical Warming.” *Science* 318 (5849): 435–38. <https://doi.org/10.1126/science.1143791>.

Sun, Yali, Min Sun, Gangjian Wei, Typhoon Lee, Baofu Nie, and Zhiwei Yu. 2004. “Strontium Contents of a Porites Coral from Xisha Island, South China Sea: A Proxy for Sea-Surface Temperature of the 20th Century.” *Paleoceanography* 19 (2). <https://doi.org/10.1029/2003pa000959>.

Sundqvist, H. S., K. Holmgren, J. Fohlmeister, Q. Zhang, M. Bar Matthews, C. Spötl, and H. Körnich. 2013. “Evidence of a Large Cooling Between 1690 and 1740 AD in Southern Africa.” *Scientific Reports* 3 (1). <https://doi.org/10.1038/srep01767>.

Swart, Peter K., Genevieve F. Healy, Richard E. Dodge, Philip Kramer, J. Harold Hudson, Robert B. Halley, and Michael B. Robblee. 1996. “The Stable Oxygen and Carbon Isotopic Record from a Coral Growing in Florida Bay: A 160 Year Record of Climatic and Anthropogenic Influence.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 123 (1–4): 219–37. <https://doi.org/10.1016/0031-0182(95)00078-x>.

Swart, Peter Koenraad, Richard E. Dodge, and Harold J. Hudson. 1996. “A 240-Year Stable Oxygen and Carbon Isotopic Record in a Coral from South Florida: Implications for the Prediction of Precipitation in Southern Florida.” *PALAIOS* 11 (4): 362. <https://doi.org/10.2307/3515246>.

Tarand, A., and P.OE. Nordli. 2001. “The Tallinn Temperature Series Reconstructed Back Half a Millennium by Use of Proxy Data.” *Climatic Change* 48: 189–99. <https://doi.org/10.1023/A:1005673628980>.

Terwilliger, Valery J., Zewdu Eshetu, Jean-Robert Disnar, J’er’emy Jacob, W. Paul Adderley, Yongsong Huang, Marcelo Alexandre, and Marilyn L. Fogel. 2013. “Environmental Changes and the Rise and Fall of Civilizations in the Northern Horn of Africa: An Approach Combining δD Analyses of Land-Plant Derived Fatty Acids with Multiple Proxies in Soil.” *Geochimica Et Cosmochimica Acta* 111 (June): 140–61. <https://doi.org/10.1016/j.gca.2012.10.040>.

Thamban, Meloth, Sushant S. Naik, C. M. Laluraj, Arun Chaturvedi, and Rasik Ravindra. 2012. “Antarctic Climate Variability During the Past Few Centuries Based on Ice Core Records from Coastal Dronning Maud Land and Its Implications on the Recent Warming.” In *Society of Earth Scientists Series*, 51–66. Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-642-28845-6_5>.

Thomas, Elizabeth K., and Jason P. Briner. 2008. “Climate of the Past Millennium Inferred from Varved Proglacial Lake Sediments on Northeast Baffin Island, Arctic Canada.” *Journal of Paleolimnology* 41 (1): 209–24. <https://doi.org/10.1007/s10933-008-9258-7>.

Thomas, Elizabeth K., Yongsong Huang, Steven C. Clemens, Steven M. Colman, Carrie Morrill, Pamela Wegener, and Jiangtao Zhao. 2016. “Changes in Dominant Moisture Sources and the Consequences for Hydroclimate on the Northeastern Tibetan Plateau During the Past 32 Kyr.” *Quaternary Science Reviews* 131 (January): 157–67. <https://doi.org/10.1016/j.quascirev.2015.11.003>.

Thomas, Elizabeth R., Thomas J. Bracegirdle, John Turner, and Eric W. Wolff. 2013. “A 308 Year Record of Climate Variability in West Antarctica.” *Geophysical Research Letters* 40 (20): 5492–96. <https://doi.org/10.1002/2013gl057782>.

Thompson, L. G., E. Mosley-Thompson, M. E. Davis, V. S. Zagorodnov, I. M. Howat, V. N. Mikhalenko, and P.-N. Lin. 2013. “Annually Resolved Ice Core Records of Tropical Climate Variability over the Past  1800 Years.” *Science* 340 (6135): 945–50. <https://doi.org/10.1126/science.1234210>.

Thompson, L. G., T. Yao, M. E. Davis, K. A. Henderson, E. Mosley-Thompson, P.-N. Lin, J. Beer, H.-A. Synal, J. Cole-Dai, and J. F. Bolzan. 1997. “Tropical Climate Instability: The Last Glacial Cycle from a Qinghai-Tibetan Ice Core.” *Science* 276 (5320): 1821–25. <https://doi.org/10.1126/science.276.5320.1821>.

Thompson, L. G., T. Yao, E. Mosley-Thompson, M. E. Davis, K. A. Henderson, and P.-N. Lin. 2000. “A High-Resolution Millennial Record of the South Asian Monsoon from Himalayan Ice Cores.” *Science* 289 (5486): 1916–19. <https://doi.org/10.1126/science.289.5486.1916>.

Thompson, Lonnie G., Yao Tandong, Mary E. Davis, Ellen Mosley-Thompson, Tracy A. Mashiotta, Ping-Nan Lin, Vladimir N. Mikhalenko, and Victor S. Zagorodnov. 2006. “Holocene Climate Variability Archived in the Puruogangri Ice Cap on the Central Tibetan Plateau.” *Annals of Glaciology* 43: 61–69. <https://doi.org/10.3189/172756406781812357>.

Thornalley, David J. R., Harry Elderfield, and I. Nick McCave. 2009. “Holocene Oscillations in Temperature and Salinity of the Surface Subpolar North Atlantic.” *Nature* 457 (7230): 711–14. <https://doi.org/10.1038/nature07717>.

Tian, Jian, David M. Nelson, and Feng Sheng Hu. 2006. “Possible Linkages of Late‐holocene Drought in the North American Midcontinent to Pacific Decadal Oscillation and Solar Activity.” *Geophysical Research Letters* 33 (23). <https://doi.org/10.1029/2006gl028169>.

Tierney, Jessica E., Nerilie J. Abram, Kevin J. Anchukaitis, Michael N. Evans, Cyril Giry, K. Halimeda Kilbourne, Casey P. Saenger, Henry C. Wu, and Jens Zinke. 2015. “Tropical Sea Surface Temperatures for the Past Four Centuries Reconstructed from Coral Archives.” *Paleoceanography* 30 (3): 226–52. <https://doi.org/10.1002/2014pa002717>.

Tierney, Jessica E., Marc T. Mayes, Natacha Meyer, Christopher Johnson, Peter W. Swarzenski, Andrew S. Cohen, and James M. Russell. 2010. “Late-Twentieth-Century Warming in Lake Tanganyika Unprecedented Since AD 500.” *Nature Geoscience* 3 (6): 422–25. <https://doi.org/10.1038/ngeo865>.

Tierney, Jessica E., James M. Russell, Jaap S. Sinninghe Damst’e, Yongsong Huang, and Dirk Verschuren. 2011. “Late Quaternary Behavior of the East African Monsoon and the Importance of the Congo Air Boundary.” *Quaternary Science Reviews* 30 (7–8): 798–807. <https://doi.org/10.1016/j.quascirev.2011.01.017>.

Tierney, Jessica E., Caroline C. Ummenhofer, and Peter B. deMenocal. 2015. “Past and Future Rainfall in the Horn of Africa.” *Science Advances* 1 (9). <https://doi.org/10.1126/sciadv.1500682>.

Trachsel, M., M. Grosjean, D. Schnyder, C. Kamenik, and B. Rein. 2010. “Scanning Reflectance Spectroscopy (380–730 Nm): A Novel Method for Quantitative High-Resolution Climate Reconstructions from Minerogenic Lake Sediments.” *Journal of Paleolimnology* 44 (4): 979–94. <https://doi.org/10.1007/s10933-010-9468-7>.

Tudhope, A. W., G. B. Shimmield, C. P. Chilcott, M. Jebb, A. E. Fallick, and A. N. Dalgleish. 1995. “Recent Changes in Climate in the Far Western Equatorial Pacific and Their Relationship to the Southern Oscillation; Oxygen Isotope Records from Massive Corals, Papua New Guinea.” *Earth and Planetary Science Letters* 136 (3–4): 575–90. <https://doi.org/10.1016/0012-821x(95)00156-7>.

Tudhope, Alexander W., Colin P. Chilcott, Malcolm T. McCulloch, Edward R. Cook, John Chappell, Robert M. Ellam, David W. Lea, Janice M. Lough, and Graham B. Shimmield. 2001. “Variability in the El Niño-Southern Oscillation Through a Glacial-Interglacial Cycle.” *Science* 291 (5508): 1511–17. <https://doi.org/10.1126/science.1057969>.

Urban, Frank E., Julia E. Cole, and Jonathan T. Overpeck. 2000. “Influence of Mean Climate Change on Climate Variability from a 155-Year Tropical Pacific Coral Record.” *Nature* 407 (6807): 989–93. <https://doi.org/10.1038/35039597>.

Vaillencourt, W. J. Dand D. A., N. L. Balascio, A. Werner, S. R. Roof, M. Retelle, and R. S. Bradley. 2012. “Mild Little Ice Age and Unprecedented Recent Warmth in an 1800 Year Lake Sediment Record from Svalbard.” *Geology* 40 (11): 1007–10. <https://doi.org/10.1130/g33365.1>.

van Breukelen, M. R., H. B. Vonhof, J. C. Hellstrom, W. C. G. Wester, and D. Kroon. 2008. “Fossil Dripwater in Stalagmites Reveals Holocene Temperature and Rainfall Variation in Amazonia.” *Earth and Planetary Science Letters* 275 (1-2): 54–60. <https://doi.org/10.1016/j.epsl.2008.07.060>.

Vasquez-Bedoya, L. F., A. L. Cohen, D. W. Oppo, and P. Blanchon. 2012. “Tropical Sea Surface Temperatures for the Past Four Centuries Reconstructed from Coral Archives.” *Paleoceanography* 30: 226–52. <https://doi.org/10.1002/2013PA00252>.

Vinther, B. M., H. B. Clausen, D. A. Fisher, R. M. Koerner, S. J. Johnsen, K. K. Andersen, D. Dahl-Jensen, S. O. Rasmussen, J. P. Steffensen, and A. M. Svensson. 2008. “Synchronizing Ice Cores from the Renland and Agassiz Ice Caps to the Greenland Ice Core Chronology.” *Journal of Geophysical Research* 113 (D8). <https://doi.org/10.1029/2007jd009143>.

Vinther, B. M., H. B. Clausen, S. J. Johnsen, S. O. Rasmussen, K. K. Andersen, S. L. Buchardt, D. Dahl-Jensen, et al. 2006. “A Synchronized Dating of Three Greenland Ice Cores Throughout the Holocene.” *Journal of Geophysical Research* 111 (D13). <https://doi.org/10.1029/2005jd006921>.

Vinther, B. M., P. D. Jones, K. R. Briffa, H. B. Clausen, K. K. Andersen, D. Dahl-Jensen, and S. J. Johnsen. 2010. “Climatic Signals in Multiple Highly Resolved Stable Isotope Records from Greenland.” *Quaternary Science Reviews* 29 (3-4): 522–38. <https://doi.org/10.1016/j.quascirev.2009.11.002>.

von Gunten, Lucien, Martin Grosjean, Bert Rein, Roberto Urrutia, and Peter Appleby. 2009. “A Quantitative High-Resolution Summer Temperature Reconstruction Based on Sedimentary Pigments from Laguna Aculeo, Central Chile, Back to AD 850.” *The Holocene* 19 (6): 873–81. <https://doi.org/10.1177/0959683609336573>.

Wanamaker, Alan D., Karl J. Kreutz, Bernd R. Schöne, Neal Pettigrew, Harold W. Borns, Douglas S. Introne, Daniel Belknap, Kirk A. Maasch, and Scott Feindel. 2007. “Coupled North Atlantic Slope Water Forcing on Gulf of Maine Temperatures over the Past Millennium.” *Climate Dynamics* 31 (2–3): 183–94. <https://doi.org/10.1007/s00382-007-0344-8>.

Wang, S. W., J. L. Ye, and D. Y Gong. 1998. “Climate in China During the Little Ice Age.” *Quaternary Sciences* 1: 54–64. <https://doi.org/No doi>.

Wang, S., and R. Wang. 1990. “Reconstruction of Winter Temperature in East China During the Last 500 Years Using Historical Documents.” *Acta Meteorological Sinica* 48: 108–89. <https://doi.org/No doi>.

Wang, Xianfeng, Augusto S. Auler, R. L. Edwards, Hai Cheng, Emi Ito, Yongjin Wang, Xinggong Kong, and Maniko Solheid. 2007. “Millennial‐scale Precipitation Changes in Southern Brazil over the Past 90,000 Years.” *Geophysical Research Letters* 34 (23). <https://doi.org/10.1029/2007gl031149>.

Wei, Gangjian, Malcolm T. McCulloch, Graham Mortimer, Wengfeng Deng, and Luhua Xie. 2009. “Evidence for Ocean Acidification in the Great Barrier Reef of Australia.” *Geochimica Et Cosmochimica Acta* 73 (8): 2332–46. <https://doi.org/10.1016/j.gca.2009.02.009>.

Weldeab, Syee, David W. Lea, Ralph R. Schneider, and Nils Andersen. 2007. “155,000 Years of West African Monsoon and Ocean Thermal Evolution.” *Science* 316 (5829): 1303–7. <https://doi.org/10.1126/science.1140461>.

Wiles, Gregory C, Rosanne D D’Arrigo, David Barclay, Rob S Wilson, Stephanie K Jarvis, Lauren Vargo, and David Frank. 2014. “Surface Air Temperature Variability Reconstructed with Tree Rings for the Gulf of Alaska over the Past 1200 Years.” *The Holocene* 24 (2): 198–208. <https://doi.org/10.1177/0959683613516815>.

Wilson, Rosanne Dand Rob, and Gordon Jacoby. 2006a. “On the Long-Term Context for Late Twentieth Century Warming.” *Journal of Geophysical Research* 111 (D3). <https://doi.org/10.1029/2005jd006352>.

———. 2006b. “On the Long-Term Context for Late Twentieth Century Warming.” *Journal of Geophysical Research: Atmospheres* 111 (D3). <https://doi.org/10.1029/2005jd006352>.

Wirth, Stefanie B., and Alex L. Sessions. 2016. “Plant-Wax d/h Ratios in the Southern European Alps Record Multiple Aspects of Climate Variability.” *Quaternary Science Reviews* 148 (September): 176–91. <https://doi.org/10.1016/j.quascirev.2016.07.020>.

Wrozyna, Claudia, Peter Frenzel, Philip Steeb, Liping Zhu, Robert van Geldern, Andreas Mackensen, and Antje Schwalb. 2010. “Stable Isotope and Ostracode Species Assemblage Evidence for Lake Level Changes of Nam Co, Southern Tibet, During the Past 600years.” *Quaternary International* 212 (1): 2–13. <https://doi.org/10.1016/j.quaint.2008.12.010>.

Wu, Henry C., Braddock K. Linsley, Emilie P. Dassi’e, Benedetto Schiraldi, and Peter B. deMenocal. 2013. “Oceanographic Variability in the South Pacific Convergence Zone Region over the Last 210 Years from Multi-Site Coral Sr/Ca Records.” *Geochemistry, Geophysics, Geosystems* 14 (5): 1435–53. <https://doi.org/10.1029/2012gc004293>.

Wu, Henry C., M’elanie Moreau, Braddock K. Linsley, Daniel P. Schrag, and Thierry Corr‘ege. 2014. “Investigation of Sea Surface Temperature Changes from Replicated Coral Sr/Ca Variations in the Eastern Equatorial Pacific (Clipperton Atoll) Since 1874.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 412 (October): 208–22. <https://doi.org/10.1016/j.palaeo.2014.07.039>.

Wu, Weichao, Wenbing Tan, Liping Zhou, Huan Yang, and Yunping Xu. 2012. “Sea Surface Temperature Variability in Southern Okinawa Trough During Last 2700 Years.” *Geophysical Research Letters* 39 (14). <https://doi.org/10.1029/2012gl052749>.

Xiong, Limin, and Jonathan G. Palmer. 2000. “Reconstruction of New Zealand Temperatures Back to AD 1720 Using Libocedrus Bidwillii Tree Rings.” *Climatic Change* 45: 339–59. <https://doi.org/10.1023/A:1005525903714>.

Youngblut, Donald K., and Brian H. Luckman. 2013. “Evaluating the Temperature Sensitivity of Radial Growth Patterns from Whitebark Pine in the Western Canadian Cordillera.” *Dendrochronologia* 31 (1): 16–28. <https://doi.org/10.1016/j.dendro.2012.04.001>.

Yuan, Daoxian, Hai Cheng, R. Lawrence Edwards, Carolyn A. Dykoski, Megan J. Kelly, Meiliang Zhang, Jiaming Qing, et al. 2004. “Timing, Duration, and Transitions of the Last Interglacial Asian Monsoon.” *Science* 304 (5670): 575–78. <https://doi.org/10.1126/science.1091220>.

Yuan, Fasong, Max R. Koran, and Andrew Valdez. 2013. “Late Glacial and Holocene Record of Climatic Change in the Southern Rocky Mountains from Sediments in San Luis Lake, Colorado, USA.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 392 (December): 146–60. <https://doi.org/10.1016/j.palaeo.2013.09.016>.

Yuan, Fasong, Braddock K. Linsley, Steve P. Lund, and John P. McGeehin. 2004. “A 1200 Year Record of Hydrologic Variability in the Sierra Nevada from Sediments in Walker Lake, Nevada.” *Geochemistry, Geophysics, Geosystems* 5 (3). <https://doi.org/10.1029/2003gc000652>.

Zhang, D. E. 1980. “Winter Temperature Changes During the Last 500 Years in South China.” *Chinese Science Bulletin* 6: 497–500. <https://doi.org/No doi>.

Zhang, Peng, Hans W. Linderholm, Björn E. Gunnarson, Jesper Björklund, and Deliang Chen. 2016. “1200 Years of Warm-Season Temperature Variability in Central Scandinavia Inferred from Tree-Ring Density.” *Climate of the Past* 12 (6): 1297–1312. <https://doi.org/10.5194/cp-12-1297-2016>.

Zhang, Pingzhong, Hai Cheng, R. Lawrence Edwards, Fahu Chen, Yongjin Wang, Xunlin Yang, Jian Liu, et al. 2008. “A Test of Climate, Sun, and Culture Relationships from an 1810-Year Chinese Cave Record.” *Science* 322 (5903): 940–42. <https://doi.org/10.1126/science.1163965>.

Zhang, Zhaohui, Guillaume Leduc, and Julian P. Sachs. 2014. “El Niño Evolution During the Holocene Revealed by a Biomarker Rain Gauge in the Galápagos Islands.” *Earth and Planetary Science Letters* 404 (October): 420–34. <https://doi.org/10.1016/j.epsl.2014.07.013>.

Zhao, Meixun, Geoffrey Eglinton, Gareth Read, and Arndt Schimmelmann. 2000. “An Alkenone (u 37 k′ ) Quasi-Annual Sea Surface Temperature Record (a.d. 1440 to 1940) Using Varved Sediments from the Santa Barbara Basin.” *Organic Geochemistry* 31 (9): 903–17. <https://doi.org/10.1016/s0146-6380(00)00034-6>.

Zhao, Meixun, Chi-Yue Huang, Chia-Chun Wang, and Ganjian Wei. 2006. “A Millennial-Scale U37K′ Sea-Surface Temperature Record from the South China Sea (8°n) over the Last 150 Kyr: Monsoon and Sea-Level Influence.” *Palaeogeography, Palaeoclimatology, Palaeoecology* 236 (1–2): 39–55. <https://doi.org/10.1016/j.palaeo.2005.11.033>.

Zheng, S.-Z. 1982. “Climate in the Little Ice Age and Its Effects in Guangdong, China.” *Chinese Science Bulletin* 27: 302–4. <https://doi.org/No doi>.

Zinke, J., W.-Chr. Dullo, G. A. Heiss, and A. Eisenhauer. 2004. “ENSO and Indian Ocean Subtropical Dipole Variability Is Recorded in a Coral Record Off Southwest Madagascar for the Period 1659 to 1995.” *Earth and Planetary Science Letters* 228 (1–2): 177–94. <https://doi.org/10.1016/j.epsl.2004.09.028>.

Zinke, J., B. R. Loveday, C. J. C. Reason, W.-C. Dullo, and D. Kroon. 2014. “Madagascar Corals Track Sea Surface Temperature Variability in the Agulhas Current Core Region over the Past 334 Years.” *Scientific Reports* 4 (1). <https://doi.org/10.1038/srep04393>.

Zinke, J., M. Pfeiffer, O. Timm, W.-C. Dullo, D. Kroon, and B. A. Thomassin. 2008. “Mayotte Coral Reveals Hydrological Changes in the Western Indian Ocean Between 1881 and 1994.” *Geophysical Research Letters* 35 (23). <https://doi.org/10.1029/2008gl035634>.

Zinke, J., A. Rountrey, M. Feng, S.-P. Xie, D. Dissard, K. Rankenburg, J. M. Lough, and M. T. McCulloch. 2014. “Corals Record Long-Term Leeuwin Current Variability Including Ningaloo Niño/Niña Since 1795.” *Nature Communications* 5 (1). <https://doi.org/10.1038/ncomms4607>.