RapidArcticWarming-0\_7\_0 Bibliography

[Download bibtex file of references here](https://lipdverse.org/RapidArcticWarming/0_7_0/RapidArcticWarming-0_7_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 RapidArcticWarming-0\_7\_0

| dataSetName | datasetVersion | Lat | Lon | archiveType | proxy | citations |
| --- | --- | --- | --- | --- | --- | --- |
| [AMP112.vanderBilt.2016](https://lipdverse.org/data/4ibQlmHt7s44owz5ercW/1_1_1/) | 1.1.1 | 79.7700 | 10.7400 | LakeSediment | alkenone | van der Bilt et al. (2018) |
| [Agassiz.Lecavalier.2017](https://lipdverse.org/data/mFbKmYoYyViweAKQnMsZ/1_0_18/) | 1.0.18 | 80.6700 | -73.5000 | GlacierIce | d18O, ice melt | Lecavalier et al. (2017) |
| [Aghnaghak.Lozhkin.2011](https://lipdverse.org/data/LCae9c5bd85772bb3399c96e3da601a10d/1_1_0/) | 1.1.0 | 63.6560 | -171.5538 | Peat | pollen | Lozhkin et al. (2011) |
| [Aholammi.Koivula.1987](https://lipdverse.org/data/LC09f5baa48a6554f744585d568f600b85/1_1_0/) | 1.1.0 | 61.8947 | 25.2169 | LakeSediment | pollen | Koivula (1987) |
| [Alley.GISP2.2000](https://lipdverse.org/data/IMRoKZmJccP9siSMDOiF/1_0_14/) | 1.0.14 | 72.6000 | -38.5000 | GlacierIce | multiproxy, ice accumulation | Alley (2000) |
| [AlutLake.Anderson.2002](https://lipdverse.org/data/LC58b33a1e5798c49854e4bb21ce1ec4d3/1_1_0/) | 1.1.0 | 60.1367 | 152.3128 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [Andy.Szeicz.1995](https://lipdverse.org/data/YdQKMAMrfvgIisu9xdcM/1_1_1/) | 1.1.1 | 64.6500 | -128.0800 | LakeSediment | pollen | Szeicz, MacDonald, and Duk-Rodkin (1995); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [AngalLake.Brubaker.1983](https://lipdverse.org/data/LC20c92f463ee9a70ced5cee21782f97b7/1_1_0/) | 1.1.0 | 67.1333 | -153.9000 | LakeSediment | pollen | Linda B. Brubaker, Garfinkel, and Edwards (1983) |
| [AntuSinijarv.Saarse.1995](https://lipdverse.org/data/LCa08a7537807164573eca3e0e571fcf9c/1_1_0/) | 1.1.0 | 59.0608 | 26.2418 | LakeSediment | pollen | L. Saarse and Liiva (1995) |
| [ArolikLake.Hu.2003](https://lipdverse.org/data/uM3KYcKMkmW6N0X400I7/1_0_16/) | 1.0.16 | 60.0000 | -161.1000 | LakeSediment | BSi | Hu et al. (2003) |
| [AustreNevlingen.Kjellman.2020](https://lipdverse.org/data/M337nDvkLlkB5grIIKbQ/1_2_1/) | 1.2.1 | 79.7830 | 15.7870 | LakeSediment | dD | Kjellman et al. (2020) |
| [Avstjonna.Birks.2012](https://lipdverse.org/data/LC77c66d7bc84c3d5bede6d5f0e7b5a046/1_1_0/) | 1.1.0 | 61.6492 | 9.8767 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [B997\_317](https://lipdverse.org/data/GyLPRuUP4OQNsSvPjYLE/1_0_11/) | 1.0.11 | 66.5878 | -18.8650 | MarineSediment | d18O | Missing citation metadata |
| [B997\_324.Castaneda.2004](https://lipdverse.org/data/S601VPF3Yw5x7aXx09aM/1_0_13/) | 1.0.13 | 66.5239 | -21.1522 | MarineSediment | d18O | Castañeda et al. (2004) |
| [BC01Lake.Peros.2010](https://lipdverse.org/data/fEsdEMflvRTpBbFoSyi9/1_1_1/) | 1.1.1 | 75.1800 | -111.9200 | LakeSediment | BSi, pollen | Peros et al. (2010); Sundqvist et al. (2014c) |
| [Baidara.Andreev.1998](https://lipdverse.org/data/LCb13218b268a66ab3c9fefd176e81efd0/1_0_6/) | 1.0.6 | 68.8500 | 66.9000 | Other | pollen | A. A. Andreev et al. (1998) |
| [BellsLake.Szeicz.1995Legacy](https://lipdverse.org/data/LC160f684d9042e6782e7dc763f7248e47/1_1_0/) | 1.1.0 | 65.0167 | -127.4833 | LakeSediment | pollen | Szeicz, MacDonald, and Duk-Rodkin (1995) |
| [BerelyekhRiverIndigirkaLowland.Anderson.2002](https://lipdverse.org/data/LCe10548090907a82d2a4c9ef89490b252/1_0_4/) | 1.0.4 | 70.5833 | 145.0000 | FluvialSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [Bezdonnoe.Elina.1981](https://lipdverse.org/data/LC5242aecb2192f4bd79201774d365dce2/1_1_0/) | 1.1.0 | 62.0333 | 32.7667 | Peat | pollen | Elina (1981) |
| [BlairLakes.author.1111](https://lipdverse.org/data/LC2ca8eac8647f612b1ca17662535fbade/1_1_0/) | 1.1.0 | 64.3601 | -147.3682 | LakeSediment | pollen | Missing citation metadata |
| [Broadman.SunkenIsland.2020](https://lipdverse.org/data/xchxrUil6NDsnifuW3lz/1_0_11/) | 1.0.11 | 60.5920 | -150.8830 | LakeSediment | d18O, BSi | Broadman et al. (2020) |
| [Brurskardtjorni.Bjune.2005](https://lipdverse.org/data/LCd163a47c4aa36edd152ba258e124b918/1_1_0/) | 1.1.0 | 61.4167 | 8.6667 | LakeSediment | pollen | Anne Elisabeth Bjune (2005a); Anne Elisabeth Bjune (2005b) |
| [BruvatnetRovvejavri.Hyvarinen.1975](https://lipdverse.org/data/LC45852eacd56b300e747057368c4ae2d6/1_1_0/) | 1.1.0 | 70.1811 | 28.4072 | LakeSediment | pollen | Hyvärinen (1975) |
| [Bugristoe.Blyakharchuk.1989](https://lipdverse.org/data/LC9658a82d2feada561a7769d493ebf365/1_0_8/) | 1.0.8 | 58.2500 | 85.1667 | Peat | pollen | Blyakharchuk (1989) |
| [Burial.Finkenbinder.2015](https://lipdverse.org/data/TESgtfpUO6MlfV8MqqGh/1_1_1/) | 1.1.1 | 68.4300 | -159.1700 | LakeSediment | bulk sediment, BSi | M. S. Finkenbinder et al. (2015) |
| [CC04.Gibb.2015](https://lipdverse.org/data/6Lc4vN7gFkOM0tq57Jkg/1_0_13/) | 1.0.13 | 61.4639 | -58.0365 | MarineSediment | dinocyst | Gibb et al. (2015) |
| [CF8.Axford.2011](https://lipdverse.org/data/tP1LrqGfZqqtWzX7nfYO/1_1_1/) | 1.1.1 | 70.5569 | -68.9519 | LakeSediment | chironomid | Axford et al. (2009a); Axford et al. (2009b); Thomas, Axford, and Briner (2007) |
| [CandelabraLake.Cwynar.1995](https://lipdverse.org/data/mW6260gbmCkaS7RYASJI/1_0_15/) | 1.0.15 | 61.6800 | -130.6500 | LakeSediment | pollen | Cwynar and Spear (2007); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [CapeShpindler.Andreev.2001](https://lipdverse.org/data/LC5feaa52dbb3893e82731cbebe124bb2a/1_0_8/) | 1.0.8 | 69.7167 | 62.8000 | MarineSediment | pollen | Andrei A. Andreev et al. (2001) |
| [ChoquetteLake.Anderson.2019](https://lipdverse.org/data/LCf46a40162bc81a30963ac64e325ae32e/1_1_0/) | 1.1.0 | 59.9452 | -151.1106 | LakeSediment | pollen | Scott Anderson et al. (2019); R. S. Anderson et al. (2019) |
| [Corser.Nichols.2014](https://lipdverse.org/data/LtgyYEvNzAr1b9Ny9GOO/1_1_1/) | 1.1.1 | 60.5300 | -145.4500 | Peat | GDGT, dD | Nichols et al. (2014); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [CrowsnestLake.author.1111](https://lipdverse.org/data/LC0520eac0db637ad30797021b57652ff6/1_1_0/) | 1.1.0 | 68.3333 | -146.4833 | LakeSediment | pollen | Missing citation metadata |
| [DANA12\_11\_2\_GC01.VanNieuwenhove.2018](https://lipdverse.org/data/cmno6krY0015XDN7ydjn/1_1_1/) | 1.1.1 | 61.6089 | -20.7027 | MarineSediment | dinocyst | Van Nieuwenhove et al. (2018) |
| [DYE3.Vinther.2006](https://lipdverse.org/data/FDAa4jwyHKTOSBeFizAw/1_0_12/) | 1.0.12 | 65.1833 | -43.8200 | GlacierIce | d18O | Vinther, Andersen, et al. (2006) |
| [Dalane.Birks.2007](https://lipdverse.org/data/LC64411870b7d53b08135726414f93dbe7/1_1_0/) | 1.1.0 | 58.2441 | 8.0046 | LakeSediment | pollen | H. J. B. Birks (2006a) |
| [DallicanWater.Bennett.1992](https://lipdverse.org/data/LCd205e58874a842dbe52d256140a99f47/1_1_0/) | 1.1.0 | 60.3874 | -1.0965 | LakeSediment | pollen | Bennett et al. (1992) |
| [DeadSpruceLake.Pisaric.2001](https://lipdverse.org/data/LC9e5bd4c29c3b7322fa15f1bceb6b604e/1_1_0/) | 1.1.0 | 58.5785 | -124.5495 | LakeSediment | pollen | Pisaric (2001) |
| [DempsterPeatland.Porter.2019](https://lipdverse.org/data/dY8oSYhMiOVm55TMrHDc/1_1_1/) | 1.1.1 | 65.2100 | -138.3200 | GroundIce | dD, d18O, deuterium excess | Porter et al. (2019) |
| [DevonIceCap.Paterson.1977](https://lipdverse.org/data/ycGqoOw1p3DYa6ffCfDe/1_0_9/) | 1.0.9 | 75.3167 | -82.5000 | GlacierIce | d18O | Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [Dlinnoe.Filimonova.1988](https://lipdverse.org/data/LC7723a0d158b9c76c166da0e5b1e671ed/1_1_0/) | 1.1.0 | 62.3167 | 33.8500 | Peat | pollen | Filimonova and Elovicheva (1988) |
| [DolgoeLake.Wolfe.2000](https://lipdverse.org/data/GbHXfcqMP2cqCk2c7cxx/1_1_1/) | 1.1.1 | 71.8700 | 127.0700 | LakeSediment | d18O, pollen | Wolfe et al. (2000); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [Domsvatnet.Hyvarinen.1976](https://lipdverse.org/data/LCe00e1fdce29752a66a7ffae25d0eb500/1_1_0/) | 1.1.0 | 70.3258 | 31.0259 | LakeSediment | pollen | HYVÄRINEN (1976); Hyvärinen (2008a); Hyvärinen (2008b) |
| [Dune.Finney.2012](https://lipdverse.org/data/Jn2ZpZbSXpBHNelHrObn/1_1_1/) | 1.1.1 | 64.4200 | -149.9000 | LakeSediment | d13C | Finney et al. (2012) |
| [DuneLake.Bigelow.1997](https://lipdverse.org/data/LC4b9e811361358b4b00aa9553f056b574/1_1_0/) | 1.1.0 | 64.4210 | -149.8976 | LakeSediment | pollen | Bigelow (1997) |
| [E5.Daniels.2021](https://lipdverse.org/data/H33kVV9YaxsVPFXuqa4D/1_1_1/) | 1.1.1 | 68.6420 | -149.4580 | LakeSediment | dD, bulk sediment, TOC | Daniels et al. (2021) |
| [EW0408-87JC.Praetorius.2020](https://lipdverse.org/data/DE9BL2pwFj8tneOj8Lv4/1_1_1/) | 1.1.1 | 58.7700 | -144.5000 | MarineSediment | alkenone | Summer K. Praetorius et al. (2020) |
| [EW0408\_85JC.Praetorius.2015](https://lipdverse.org/data/H4HUlH2126VPWbkT2YFv/1_0_17/) | 1.0.17 | 59.5554 | -144.1535 | MarineSediment | alkenone, d18O | S. K. Praetorius et al. (2015); Davies-Walczak et al. (2014) |
| [ElGygytgynCrater.Schwamborn.2006](https://lipdverse.org/data/JIGaqDOWUQtalwld4xgB/1_1_1/) | 1.1.1 | 67.4410 | 172.2190 | GroundIce | d18O | Schwamborn et al. (2006) |
| [ElgennyaLake.Anderson.2002](https://lipdverse.org/data/LCc26df6c8695f7a7e400d28350d0dc8fd/1_1_0/) | 1.1.0 | 62.0833 | 149.0000 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [Elikchan4Lake.Anderson.2002](https://lipdverse.org/data/LC40b517424563c134b525690209e7943f/1_1_0/) | 1.1.0 | 60.7500 | 151.8833 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [EnmynveemRiver.Anderson.2002](https://lipdverse.org/data/LCbfd0e40ab6705bd4182ac9a21ed2a7ad/1_0_4/) | 1.0.4 | 68.2500 | 166.0000 | FluvialSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [EntarnoyePeatExposure.Anderson.2002](https://lipdverse.org/data/LC08415c8551b84f1a9cb372060c0a2bcf/1_1_0/) | 1.1.0 | 59.0000 | 78.3333 | Peat | pollen | P. M. Anderson and Lozhkin (2002) |
| [Farewell.Hu.1998](https://lipdverse.org/data/zhTqARtDQLP51wr7xwfL/1_1_1/) | 1.1.1 | 62.5500 | -153.6300 | LakeSediment | Mg/Ca | Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [GIK23258.Sarnthein.2003](https://lipdverse.org/data/058JTHOHb8TdoKFI2SoT/1_1_1/) | 1.1.1 | 75.0000 | 14.0000 | MarineSediment | foraminifera | SARNTHEIN et al. (2003); Sundqvist et al. (2014a); Sundqvist et al. (2014b); Sundqvist et al. (2014d) |
| [GIK23258\_2.Martrat.2003](https://lipdverse.org/data/GcswTdloihWbJeG68EiC/1_0_15/) | 1.0.15 | 74.9981 | 13.9685 | MarineSediment | alkenone, d18O | Martrat et al. (2003) |
| [GRIP.Vinther.2006](https://lipdverse.org/data/BRVoIdnaaMBcqOZuf3bC/1_0_11/) | 1.0.11 | 72.5800 | -37.6300 | GlacierIce | d18O | Vinther et al. (2009); Sigfus J. Johnsen et al. (1995) |
| [GRIP\_accumulation.Vinther.2006](https://lipdverse.org/data/VqYziHjGZNoYuzu2gTsp/1_0_18/) | 1.0.18 | 72.5800 | -37.6300 | GlacierIce | ice accumulation | Vinther, Andersen, et al. (2006) |
| [Gjoavatnet.vanderBilt.2019](https://lipdverse.org/data/Pkf1yhKhQDgE1JPk4Enj/1_1_8/) | 1.1.8 | 79.4600 | 10.5100 | LakeSediment | alkenone | Bilt, Werner, and Bakke (2019) |
| [GoluboyeLake.Anderson.2002](https://lipdverse.org/data/LC636f9187c86c66a8410c2761a6d01834/1_1_0/) | 1.1.0 | 61.1167 | 152.2667 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [Gotnavolok.Elina.1981](https://lipdverse.org/data/LC007ba971db70687224408dadac3fc685/1_1_0/) | 1.1.0 | 62.2000 | 33.8000 | Peat | pollen | Elina (1981) |
| [GrandfatherLake.Hu.1995](https://lipdverse.org/data/LCb55f94eaa9e4bb2995bda4b5af9009fe/1_1_0/) | 1.1.0 | 59.7962 | -158.5400 | LakeSediment | pollen | Hu, Brubaker, and Anderson (1995) |
| [Grasvatn.Moe.1996](https://lipdverse.org/data/LC52e1e5e1bda0c30e3d4fc402daf36b8a/1_1_0/) | 1.1.0 | 63.7029 | 8.6891 | LakeSediment | pollen | Moe et al. (1996) |
| [Grostjorna.Birks.2007](https://lipdverse.org/data/LCbff88b6bd47fd6127cbb9300fb2dee2e/1_1_0/) | 1.1.0 | 58.5374 | 7.7340 | LakeSediment | pollen | H. J. B. Birks (2006a) |
| [GytgykaiLake.Anderson.2002](https://lipdverse.org/data/LC6b1ccd7c5b1fb5916d0d660c43fc2a20/1_0_9/) | 1.0.9 | 63.1667 | 175.0000 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [HU90.deVernal.2013](https://lipdverse.org/data/cyBjjYyww095ydmgYmrh/1_0_15/) | 1.0.15 | 58.2098 | -48.3733 | MarineSediment | dinocyst | Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [HU90\_013\_013.Hillaire-Marcel.1994](https://lipdverse.org/data/P1zJKzGYwufwLWW0LTXP/1_0_15/) | 1.0.15 | 58.2098 | -48.3733 | MarineSediment | d18O | Hillaire-Marcel et al. (1994) |
| [Hail.Cwynar.1995](https://lipdverse.org/data/tIez1NCzauasDoAizsF4/1_1_1/) | 1.1.1 | 60.0300 | -129.0200 | LakeSediment | pollen | Cwynar and Spear (2007); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [Hakluytvatnet.Balascio.2018](https://lipdverse.org/data/gv6Z3sEK1bSneW0V9AHI/1_0_14/) | 1.0.14 | 79.7733 | 10.7392 | LakeSediment | dD | Balascio, Gjerde, and Bakke (2018) |
| [HangingLake.Cwynar.1980](https://lipdverse.org/data/LC4c515de70de90784a9d1c2cbe1796597/1_1_0/) | 1.1.0 | 68.3833 | -138.3833 | LakeSediment | pollen | Missing citation metadata |
| [HangingLake.Kurek.2009](https://lipdverse.org/data/OK0cj8nMIvd2l53b8UFl/1_0_17/) | 1.0.17 | 68.3800 | -138.3800 | LakeSediment | chironomid | Missing citation metadata |
| [Harding.Finkenbinder.2014](https://lipdverse.org/data/yUNlBdS7Nvt62rXtA99J/1_1_1/) | 1.1.1 | 64.4200 | -146.8500 | LakeSediment | bulk sediment, TOC, magnetic susceptibility | Matthew S. Finkenbinder et al. (2014) |
| [HardingLake.Ager.1982](https://lipdverse.org/data/LC60d5b6128a6f747e4767013cd70772fb/1_1_0/) | 1.1.0 | 64.4444 | -146.9075 | LakeSediment | pollen | Missing citation metadata |
| [HeadwatersLake.Brubaker.1983](https://lipdverse.org/data/LCf2012ef6cd2518ffba21e0a6743e0e6e/1_1_0/) | 1.1.0 | 67.9333 | -155.0500 | LakeSediment | pollen | Missing citation metadata |
| [HiddenLake.Ager.1983](https://lipdverse.org/data/LCe4c66a227aa7b3a683f4f3a829a11dd9/1_1_0/) | 1.1.0 | 63.9400 | -144.6583 | LakeSediment | pollen | Calder (2016) |
| [Holtjarnen.Giesecke.2005](https://lipdverse.org/data/LCe611fbc61a552f11b8ee7acae0ca6baa/1_1_0/) | 1.1.0 | 60.6519 | 14.9265 | LakeSediment | pollen | Giesecke (2005) |
| [HomerBeach.author.1111](https://lipdverse.org/data/LCa5624e59fc0c8a5c1ed1b8cfaa57c95d/1_1_0/) | 1.1.0 | 59.6339 | -151.5119 | MarineSediment | pollen | Missing citation metadata |
| [IC06VIGR](https://lipdverse.org/data/P51I37fcTRrjdZxJapTe/1_0_12/) | 1.0.12 | 72.3000 | -37.4000 | GlacierIce |  | Vinther, Clausen, et al. (2006) |
| [IdavainLake.Brubaker.2001](https://lipdverse.org/data/LCe969952e9a3bd40c404387541d41a441/1_1_0/) | 1.1.0 | 58.7723 | -155.9451 | LakeSediment | pollen | Linda B. Brubaker, Anderson, and Hu (2001) |
| [IgarkaPeatExposure.Anderson.2002](https://lipdverse.org/data/LC57d6091f6fe6455656ccb0fa8b18b1ac/1_0_4/) | 1.0.4 | 67.6667 | 86.0000 | Peat | pollen | P. M. Anderson and Lozhkin (2002) |
| [ImatuMire.author.1111](https://lipdverse.org/data/LCd311965ab95d8eade52f6cbc620fde3c/1_1_0/) | 1.1.0 | 59.1097 | 27.5078 | Peat | pollen | Missing citation metadata |
| [JM01-1199.Hald.2007](https://lipdverse.org/data/bqgWpMA0h9rqmH5NjVyl/1_1_1/) | 1.1.1 | 71.9900 | 14.3600 | MarineSediment | foraminifera | Risebrobakken et al. (2011); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [JackLondonLake.Lozhkin.1993](https://lipdverse.org/data/LCa85cd595af4839510b4d59e42ddaa943/1_1_0/) | 1.1.0 | 62.1667 | 149.5000 | LakeSediment | pollen | Lozhkin et al. (1993) |
| [JanLake.Carlson.2003](https://lipdverse.org/data/LCa069cb84121952fa3a4ef906914eb766/1_1_0/) | 1.1.0 | 63.5647 | -143.9177 | LakeSediment | pollen | Carlson (2003) |
| [Jansvetnet.Birks.2012](https://lipdverse.org/data/0QZ12P97t3kT3fM1MWs3/1_1_1/) | 1.1.1 | 70.6500 | 23.6700 | LakeSediment | chironomid | Hilary H. Birks et al. (2012) |
| [JoeLake.Anderson.1988](https://lipdverse.org/data/LCcf3522af23d534135d5980ecf1a864c1/1_1_0/) | 1.1.0 | 66.7667 | -157.2167 | LakeSediment | pollen | Patricia M. Anderson (1988) |
| [Kaarkotinlampi.Vuorela.1981](https://lipdverse.org/data/LCe2ac3505ed302ad165b66d268734ab12/1_1_0/) | 1.1.0 | 61.4151 | 25.8688 | LakeSediment | pollen | Vuorela (1981) |
| [KeeleLake.Szeicz.1995](https://lipdverse.org/data/LC76a27bcf318c1a64814417ffe36545a9/1_1_0/) | 1.1.0 | 64.1667 | -127.6167 | LakeSediment | pollen | Szeicz, MacDonald, and Duk-Rodkin (1995) |
| [Kharinei.Jones.2011](https://lipdverse.org/data/VjP1ZsLbpMCkzqlYrCPp/1_1_1/) | 1.1.1 | 67.3628 | 62.7507 | LakeSediment | chironomid | Jones et al. (2011) |
| [Kollioksak.author.1111](https://lipdverse.org/data/LC9b6500b64fefc8a679cc473635ca4efb/1_1_0/) | 1.1.0 | 66.9667 | -156.4500 | LakeSediment | pollen | Missing citation metadata |
| [Kusawa.Chakraborty.2010](https://lipdverse.org/data/xKzU49oKqZVDbEnb5BHc/1_1_1/) | 1.1.1 | 60.2750 | -136.1820 | LakeSediment | BSi | Chakraborty et al. (2010); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [Kyutyunda.Biskaborn.2016](https://lipdverse.org/data/PNuIF6iJuC1Lt8fuMtMQ/1_1_1/) | 1.1.1 | 69.6285 | 123.6481 | LakeSediment | pollen | Biskaborn et al. (2016) |
| [LacCielBlanc.MacDonald.1985](https://lipdverse.org/data/LCe342e5aebf9ee7c2a44806a829b2365c/1_1_0/) | 1.1.0 | 59.5167 | -122.1667 | LakeSediment | pollen | Missing citation metadata |
| [LacDemain.MacDonald.1984](https://lipdverse.org/data/LC5b3dcad11b800eda133a2a71cd9fe6ed/1_1_0/) | 1.1.0 | 62.0500 | -118.7000 | LakeSediment | pollen | Missing citation metadata |
| [LacMeleze.MacDonald.1987Legacy](https://lipdverse.org/data/LC5061b06af6ae5f9eae19bb1c86b0448c/1_1_0/) | 1.1.0 | 65.2167 | -126.1167 | LakeSediment | pollen | Glen M. MacDonald (1987) |
| [LakeBillyakh.Muller.2009](https://lipdverse.org/data/LCe51e45db650fef1ceeb069a5ba53dc15/1_1_0/) | 1.1.0 | 65.2891 | 126.7699 | LakeSediment | pollen | Muller (2009) |
| [LakeFlarken.Digerfeldt.1977](https://lipdverse.org/data/LC2be86db9a9c1e4b0ffa1623ac8e076ae/1_1_0/) | 1.1.0 | 58.5568 | 13.6732 | LakeSediment | pollen | Digerfeldt (1977) |
| [LakeHopseidet.Seppa.1996](https://lipdverse.org/data/LCc734e5f7c0fee056e8f8c2305e3ff1aa/1_1_0/) | 1.1.0 | 70.8333 | 27.7167 | LakeSediment | pollen | Seppa (1996) |
| [LakeJarveotsa.Poska.1994](https://lipdverse.org/data/LCa82796f7f5af1e2a11bedf0bef2db81b/1_1_0/) | 1.1.0 | 59.0333 | 24.2833 | LakeSediment | pollen | A. Poska (1994) |
| [LakeKahala.Poska.1999](https://lipdverse.org/data/LC45820d791c13682911466fa3fa6419a8/1_1_0/) | 1.1.0 | 59.4894 | 25.5386 | LakeSediment | pollen | Anneli Poska and Saarse (1999) |
| [LakeKharinei.Salonen.2011](https://lipdverse.org/data/LC96132342add77c3961a745bbaf4c672b/1_0_6/) | 1.0.6 | 67.3667 | 62.7500 | LakeSediment | pollen | Salonen et al. (2011a) |
| [LakeKotokel2010.Bezrukova.2010](https://lipdverse.org/data/LCf165570a140f24aaf0f06886edc840e5/1_1_0/) | 1.1.0 | 69.5333 | 90.2000 | LakeSediment | pollen | Bezrukova et al. (2010) |
| [LakeMaardu.Poska.2004](https://lipdverse.org/data/LC63b8f2a55f000d96c3843b231c4b75d0/1_1_0/) | 1.1.0 | 59.4333 | 25.0000 | LakeSediment | pollen | L. Saarse et al. (1990) |
| [LakeRuila.Poska.2002](https://lipdverse.org/data/LC2287002445d082f86764e987205be004/1_1_0/) | 1.1.0 | 59.1750 | 24.4311 | LakeSediment | pollen | Anneli Poska and Saarse (2002) |
| [LastChance.Axford.2017](https://lipdverse.org/data/bgkt7Igq5ZcPeDeHsjO3/1_0_17/) | 1.0.17 | 70.9064 | -24.4306 | LakeSediment | chironomid | Axford et al. (2017) |
| [LateralPond.Ritchie.1982](https://lipdverse.org/data/LC46c24d97c921a0c1a7090242d59c4b57/1_1_0/) | 1.1.0 | 65.9422 | -135.5142 | LakeSediment | pollen | Ritchie (1982) |
| [LevinsonLessingLake.Andreev.2013](https://lipdverse.org/data/LC6c2582783b448ddd62abc64f8f514e18/1_1_0/) | 1.1.0 | 74.4730 | 98.6360 | LakeSediment | pollen | ANDREEV et al. (2008) |
| [LilyLake.Cwynar.1990](https://lipdverse.org/data/LCb6be30e8a5b56014f1a5c3e0c9004e64/1_1_0/) | 1.1.0 | 59.2000 | -135.4000 | LakeSediment | pollen | Cwynar (1990) |
| [Litlvatnet.Bjune.2009](https://lipdverse.org/data/LCf267bef6a87b35fc29343aba1fee7784/1_1_0/) | 1.1.0 | 68.5269 | 14.9309 | LakeSediment | pollen | A. E. Bjune, Seppä, and Birks (2008a); A. E. Bjune, Seppä, and Birks (2008b) |
| [LittleSwiftLake.Axford.2004](https://lipdverse.org/data/LCb25996bbc19d70d4e5debb8aaa27e0ab/1_1_0/) | 1.1.0 | 60.2165 | -159.7657 | LakeSediment | pollen | Axford and Kaufman (2004) |
| [Llet-T.liranta.2015](https://lipdverse.org/data/TxliT8v6kr0VtLi4TZds/1_0_15/) | 1.0.15 | 66.5200 | 59.3000 | LakeSediment | pollen | Väliranta et al. (2015) |
| [LochBuailavalBeag.Fossitt.1996](https://lipdverse.org/data/LC953ad5b06a0531c2e5483b1e36242639/1_1_0/) | 1.1.0 | 58.2650 | -6.7703 | LakeSediment | pollen | FOSSITT (1996) |
| [LochSionascaig.Pennington.1977](https://lipdverse.org/data/LC6758048f71d234096fc199616e7707e5/1_1_0/) | 1.1.0 | 58.0725 | -5.1940 | LakeSediment | pollen | Pennington (1977) |
| [Logan.Fisher.2008](https://lipdverse.org/data/uPLppbHSyfq9Pcks0tbn/1_0_11/) | 1.0.11 | 60.5800 | -140.5000 | GlacierIce | d18O | D. Fisher et al. (2008) |
| [Lonespruce.Kaufman.2012](https://lipdverse.org/data/0hBVJGig5QYen0TuBluK/1_1_1/) | 1.1.1 | 60.0070 | -159.1430 | LakeSediment | BSi | Kaufman et al. (2012); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD95\_2011.Risebrobakken.2003](https://lipdverse.org/data/zAJ7Ndd5nLkj7wDcGqwd/1_0_15/) | 1.0.15 | 66.9697 | 7.6393 | MarineSediment | d18O | Risebrobakken et al. (2003) |
| [MD95\_2011Assemblage.Risebrobakken.2003](https://lipdverse.org/data/6JcrtWCuPINiTPX1r7ku/1_1_1/) | 1.1.1 | 66.9697 | 7.6393 | MarineSediment | radiolaria, alkenone, foraminifera | Risebrobakken et al. (2003); Dolven, Cortese, and Bjørklund (2002a); Calvo, Grimalt, and Jansen (2002); Dreger (1999); Andersson et al. (2010); Dolven, Cortese, and Bjørklund (2002b) |
| [MD95\_2012](https://lipdverse.org/data/x91DylzwPwoIZtsiGWfL/1_0_14/) | 1.0.14 | 72.1510 | 11.4343 | MarineSediment | d18O | Missing citation metadata |
| [MD99-2227.deVernal.2013](https://lipdverse.org/data/1JNme2FT9SlczJJ51F7w/1_0_16/) | 1.0.16 | 58.2107 | -48.3730 | MarineSediment | dinocyst | de Vernal et al. (2013); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD99-2256.Jennings.2015](https://lipdverse.org/data/5ug8ljWX4YjkI4dRWvBd/1_0_10/) | 1.0.10 | 64.3032 | -24.2067 | MarineSediment | foraminifera | Anne Jennings et al. (2015); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD99-2264.Olafsdottir.2010](https://lipdverse.org/data/Zl7dLBKyMt3ePgGL8Pf3/1_0_8/) | 1.0.8 | 66.6790 | -24.1960 | MarineSediment |  | ’Olafsd’ottir et al. (2010); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD99-2269.Justwan.2008](https://lipdverse.org/data/HNHuy6LpPXC03AdEFika/1_0_10/) | 1.0.10 | 66.8500 | -20.8500 | MarineSediment | diatom | Justwan, Koç, and Jennings (2008); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD99-2284.Risebrobakken.2009](https://lipdverse.org/data/Blk674hwmrjIrly5e2UA/1_0_10/) | 1.0.10 | 62.3667 | 0.9667 | MarineSediment | foraminifera | Risebrobakken et al. (2011) |
| [MD99-2317.Jennings.2011](https://lipdverse.org/data/tUWaVggAMNQP9PMfEWTn/1_0_12/) | 1.0.12 | 68.1030 | -27.8615 | MarineSediment | d18O | A. Jennings, Andrews, and Wilson (2011) |
| [MD99-2322.Jennings.2011](https://lipdverse.org/data/sD2kbjJu7iOdYpwV8zmE/1_0_15/) | 1.0.15 | 67.1363 | -30.8278 | MarineSediment | foraminifera, d18O | A. Jennings, Andrews, and Wilson (2011); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [MD99\_2269.Kristjnsd\_ttir.2017](https://lipdverse.org/data/AfXDfG1xILrg9Mzlxbmw/1_0_15/) | 1.0.15 | 66.6413 | -20.8632 | MarineSediment | alkenone, Mg/Ca, d18O | Kristj’ansd’ottir et al. (2016); Stoner et al. (2007) |
| [MD99\_2304](https://lipdverse.org/data/jNvaElnlRJ9ah9PrPGUW/1_0_11/) | 1.0.11 | 77.6211 | 9.9483 | MarineSediment | foraminifera | Risebrobakken, Dokken, and Jansen (2005a); Risebrobakken, Dokken, and Jansen (2005b) |
| [MSM055\_712-2.Werner.2015](https://lipdverse.org/data/ncpC4hAdGs4PS2nCII5n/1_0_10/) | 1.0.10 | 78.9157 | 6.7672 | MarineSediment | foraminifera | K. Werner et al. (2016) |
| [MSM055\_723-2.Werner.2015](https://lipdverse.org/data/91vgzaaz0ZpRHSv9cjmu/1_0_10/) | 1.0.10 | 79.1610 | 5.3378 | MarineSediment | foraminifera | K. Werner et al. (2016) |
| [MSM05\_5\_712\_2.Werner.2013](https://lipdverse.org/data/2yIo72qcvJGFhP7kiZSq/1_0_15/) | 1.0.15 | 78.9157 | 6.7672 | MarineSediment | Mg/Ca, d18O | Kirstin Werner et al. (2013); Aagaard-Sørensen et al. (2014b); Aagaard-Sørensen et al. (2014a) |
| [MaboMoss.Goransson.1977](https://lipdverse.org/data/LCcfea792613956259f5ad02e040df94d7/1_1_0/) | 1.1.0 | 58.0211 | 16.0560 | Peat | pollen | Goransson (1977) |
| [MaltanRiverExposure.Anderson.2002](https://lipdverse.org/data/LCe10590b7b57fff440b8f6f28dc77520f/1_1_0/) | 1.1.0 | 60.8833 | 151.6167 | FluvialSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [Masatjornet.Birks.2012](https://lipdverse.org/data/LC11b52683adf5952a5ba54ea1ac2da99f/1_1_0/) | 1.1.0 | 61.5625 | 10.2678 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [Masehjavri.Hyvarinen.1993](https://lipdverse.org/data/LC683613fe57e6a20d4a59c90406c2122f/1_1_0/) | 1.1.0 | 69.0453 | 20.9748 | LakeSediment | pollen | Hyvärinen (1993) |
| [MinakokosaLake.author.1111](https://lipdverse.org/data/LC07df31f5e0d19eaa9e2a22dd9bbf19b9/1_0_5/) | 1.0.5 | 66.9167 | -155.0333 | LakeSediment | pollen | Missing citation metadata |
| [Mjauvotn.Olsen.2010](https://lipdverse.org/data/HUZUSp3jhQD75qDLGWQ7/1_0_9/) | 1.0.9 | 62.1200 | -7.0000 | LakeSediment |  | Olsen et al. (2010) |
| [Morttjern.Birks.2012](https://lipdverse.org/data/LCa52bdd3cedd891dca8cba14535ed0494/1_0_9/) | 1.0.9 | 59.0597 | 11.6178 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [MosquitoPond.author.1111](https://lipdverse.org/data/LC5788aabd007e30d41b081ba38ef19d87/1_0_3/) | 1.0.3 | 63.9864 | -145.5402 | LakeSediment | pollen | Missing citation metadata |
| [Mshinskoyeraisedbog.Arslanov.2001](https://lipdverse.org/data/LCb94e6fc32e6f797ef7e0992e779801b0/1_0_9/) | 1.0.9 | 59.0111 | 29.9772 | Peat | pollen | Arslanov et al. (2001) |
| [Mukkavaara.Eronen.1982](https://lipdverse.org/data/LCb93117704659e2c3a8cc2a105504f3bd/1_0_7/) | 1.0.7 | 68.9167 | 21.0000 | LakeSediment | pollen | Eronen and Hyvärinen (1982) |
| [N14.Andresen.2004](https://lipdverse.org/data/oXqrPgzHgHmUxP5gG1Ix/1_0_17/) | 1.0.17 | 59.9800 | -44.1800 | LakeSediment | BSi | Andresen et al. (2004) |
| [NEEM.Rasmussen.2013](https://lipdverse.org/data/jTJOHGPFDBWNqdQp6MKt/1_0_17/) | 1.0.17 | 77.4500 | -51.0600 | GlacierIce | ice accumulation | Rasmussen et al. (2013) |
| [NikolskoLutinskoyebog.Arslanov.1999](https://lipdverse.org/data/LC74ac8787b926958171ba947b59397e8a/1_1_0/) | 1.1.0 | 58.1065 | 31.0444 | Peat | pollen | Arslanov et al. (1999) |
| [NiliqLake.Anderson.1988](https://lipdverse.org/data/LC8196610b1b9c68521ec7d8b5c74f3038/1_1_0/) | 1.1.0 | 67.8667 | -160.4333 | LakeSediment | pollen | Patricia M. Anderson (1988) |
| [Nizhneosinovskoyepeatbog.Dolukhanov.2007](https://lipdverse.org/data/LCae20034883346cdefa07eab548bc9f5b/1_1_0/) | 1.1.0 | 60.6870 | 29.1483 | Peat | pollen | Dolukhanov et al. (2007) |
| [Nizhnevartovsk.Neustadt.1971](https://lipdverse.org/data/LCf08caf88af250e7cdab4022ff0485965/1_1_0/) | 1.1.0 | 62.0000 | 76.6667 | FluvialSediment | pollen | Missing citation metadata |
| [NizhnevartovskoyeExposure.Anderson.2002](https://lipdverse.org/data/LCef02ebbb2bca7bb6c5f9e7c6c39c9088/1_1_0/) | 1.1.0 | 61.2500 | 77.0000 | Peat | pollen | P. M. Anderson and Lozhkin (2002) |
| [NorthGRIP.Gkinis.2014](https://lipdverse.org/data/dSyEAThH7HnAf8NeNJCH/1_0_25/) | 1.0.25 | 75.1000 | -42.3200 | GlacierIce | multiproxy, deleteMe, ice accumulation | Gkinis et al. (2014b); Gkinis et al. (2014a) |
| [ODP162\_984.Came.2007](https://lipdverse.org/data/EqsAUyzhKkjcCwkuSfYp/1_0_16/) | 1.0.16 | 61.4253 | -24.0824 | MarineSediment | Mg/Ca, d18O | Came, Oppo, and McManus (2007); Summer K. Praetorius et al. (2008) |
| [OldCrowFlatsCoreCB.Ovenden.1985](https://lipdverse.org/data/LC970872f931e51d2060b6583c3b9036c2/1_1_0/) | 1.1.0 | 68.1083 | -140.8566 | LakeSediment | pollen | Ovenden (1985) |
| [Oygardstjonn.Birks.2007](https://lipdverse.org/data/LCdcf96b141047d219740b402936cb3ccf/1_1_0/) | 1.1.0 | 59.6261 | 7.9867 | LakeSediment | pollen | H. J. B. Birks (2006b); H. J. B. Birks (2006a) |
| [PS1730\_2](https://lipdverse.org/data/IRbegZ7xPFGaDugKlYRh/1_0_12/) | 1.0.12 | 70.1165 | -17.6943 | MarineSediment | d18O | Missing citation metadata |
| [PS1927\_2](https://lipdverse.org/data/q9gItbQKrXZp3SWLSRrq/1_0_13/) | 1.0.13 | 71.4967 | -17.1483 | MarineSediment | d18O | Missing citation metadata |
| [PS2138\_1](https://lipdverse.org/data/RhgCaQO6hsh3hdAcAX8M/1_0_15/) | 1.0.15 | 81.5377 | 30.8762 | MarineSediment | d18O | Missing citation metadata |
| [PS2208\_1](https://lipdverse.org/data/wbk8a7wqQYPdXV6K4Ait/1_0_12/) | 1.0.12 | 83.6403 | 4.6037 | MarineSediment | d18O | Missing citation metadata |
| [PS2446\_4](https://lipdverse.org/data/ZM1ZFG8sOz4BQIIEnUaJ/1_0_12/) | 1.0.12 | 82.3967 | 40.9083 | MarineSediment | d18O | Missing citation metadata |
| [PSh-5159N.Risebrobakken.2011](https://lipdverse.org/data/8Txi25yPU1WkzYbreSFY/1_1_1/) | 1.1.1 | 71.3500 | 22.6333 | MarineSediment | d18O, foraminifera, alkenone | Risebrobakken et al. (2011) |
| [Parika.Niinemets.2002](https://lipdverse.org/data/LCee947a4ae89a466f6646e83a71ad05b5/1_1_0/) | 1.1.0 | 58.4889 | 25.7735 | Peat | pollen | Niinemets, Saarse, and Poska (2002) |
| [PedPond.Edwards.1986](https://lipdverse.org/data/LC019d0fc874dc4e3688a0add369c3a14e/1_1_0/) | 1.1.0 | 67.2000 | -142.0667 | LakeSediment | pollen | Edwards and Brubaker (1986) |
| [Penny.Fisher.1998](https://lipdverse.org/data/oDl4HqUpD9UltKwzXRjn/1_0_14/) | 1.0.14 | 67.2500 | -66.7500 | GlacierIce | d18O | D. A. Fisher et al. (1998); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [PoteryannyZub.Gervais.2002](https://lipdverse.org/data/LC21af2bc6f4e696c94277fcf819680450/1_1_0/) | 1.1.0 | 68.8267 | 35.3282 | LakeSediment | pollen | Gervais et al. (2002) |
| [PriyatnoyeLake.Anderson.2002](https://lipdverse.org/data/LC97e7517fe67c5799224497ccd8be48a7/1_1_0/) | 1.1.0 | 61.0333 | 151.7167 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [PuyukLake.Ager.1980](https://lipdverse.org/data/LC368db7da8edf5d155e34deec76c34805/1_1_0/) | 1.1.0 | 63.5000 | -162.2000 | LakeSediment | pollen | T. A. Ager (1980) |
| [Qalluuraq.Elvert.2016](https://lipdverse.org/data/1wFFfRVqD04EHIiT7jWP/1_1_1/) | 1.1.1 | 70.3790 | -157.3480 | LakeSediment | HBI, dD, GDGT | Elvert et al. (2016) |
| [QigaiNuur.Sun.2013](https://lipdverse.org/data/LC2f1c19abf8440428bc98b1bd1cabf58b/1_1_0/) | 1.1.0 | 72.3989 | 102.2886 | LakeSediment | pollen | Sun and Feng (2013) |
| [RAPiD\_10\_1P](https://lipdverse.org/data/wBrhgzmNmUdQI8sGdlyy/1_1_1/) | 1.1.1 | 62.9755 | -17.5895 | MarineSediment | Mg/Ca, d18O | Missing citation metadata |
| [RAPiD\_12\_1K.Thornalley.2010](https://lipdverse.org/data/iDwFHJQkBwjju6nYKY5O/1_0_14/) | 1.0.14 | 62.0905 | -17.8197 | MarineSediment | Mg/Ca, d18O | Thornalley, Elderfield, and McCave (2009); Thornalley, Elderfield, and McCave (2010) |
| [RAPiD\_15\_4P](https://lipdverse.org/data/wBuHRD6dW3XxHL1RgCfP/1_1_1/) | 1.1.1 | 62.2930 | -17.1340 | MarineSediment | Mg/Ca, d18O | Missing citation metadata |
| [RaigastvereLake.Pirrus.1987Legacy](https://lipdverse.org/data/LC80cde8ba3aade433be3486df6316a86a/1_1_0/) | 1.1.0 | 58.5922 | 26.6497 | LakeSediment | pollen | Pirrus, Rouk, and Liiva (1987) |
| [Ratasjoen.Velle.2005Legacy](https://lipdverse.org/data/LCdc23eade6741deb03545fc12a5300584/1_1_0/) | 1.1.0 | 62.2667 | 9.8333 | LakeSediment | pollen | Velle, Larsen, et al. (2005a); Velle, Larsen, et al. (2005b) |
| [Ratasjoen.Velle.2005](https://lipdverse.org/data/jwXt3zEJulVR7ZlBPU6P/1_1_1/) | 1.1.1 | 62.2700 | 9.8300 | LakeSediment | chironomid | Sundqvist et al. (2014a); Velle, Brooks, et al. (2005); Sundqvist et al. (2014b) |
| [Rattuvarri.Eronen.1982](https://lipdverse.org/data/LC0de681e34c2c4b56afa4bd47186ee4de/1_0_6/) | 1.0.6 | 69.3500 | 20.3167 | LakeSediment | pollen | Eronen and Hyvärinen (1982) |
| [RebelLake.Ager.1985](https://lipdverse.org/data/LCf2ff511786235e4001eab9700b7e29cc/1_1_0/) | 1.1.0 | 67.4167 | -149.8000 | LakeSediment | pollen | T. A. Ager and Brubaker (1985) |
| [RedstoneLake.Edwards.1985](https://lipdverse.org/data/LCe2871c0626a7d4e717e6e9cf55cbcd6f/1_1_0/) | 1.1.0 | 67.2500 | -152.6000 | LakeSediment | pollen | Edwards et al. (1985) |
| [Renland.Johnsen.1992](https://lipdverse.org/data/VoVRVs0UyFCO50qASA7i/1_0_12/) | 1.0.12 | 71.3000 | -26.7000 | GlacierIce | d18O | S. J. Johnsen et al. (1992); Vinther et al. (2009) |
| [RuppertLake.Brubaker.1983](https://lipdverse.org/data/LC7ab916c56c32a7145128e21230d1d07c/1_1_0/) | 1.1.0 | 67.0667 | -154.2333 | LakeSediment | pollen | Linda B. Brubaker, Garfinkel, and Edwards (1983) |
| [SO201\_2\_114](https://lipdverse.org/data/OCeaX5YUuuoT63S0T1CL/1_0_16/) | 1.0.16 | 59.2307 | 166.9888 | MarineSediment | alkenone, GDGT | Meyer et al. (2016) |
| [SandsofTimeLake.Edwards.1994](https://lipdverse.org/data/LC7230d3420e58c4c00c495d520c0df72a/1_1_0/) | 1.1.0 | 66.0293 | -147.5533 | LakeSediment | pollen | Edwards and Barker (1994b); Edwards and Barker (1994a) |
| [ScreamingYellowlegsPond.Edwards.1985](https://lipdverse.org/data/LCc29d501754dae4ee93f63b26c416fa81/1_1_0/) | 1.1.0 | 67.5833 | -151.4167 | LakeSediment | pollen | Edwards et al. (1985) |
| [SeagullLake.author.1111](https://lipdverse.org/data/LCd298c5737cc674384964b6a8d06e89d7/1_1_0/) | 1.1.0 | 68.2667 | -145.2167 | LakeSediment | pollen | Missing citation metadata |
| [Shombashuo.Elina.1981](https://lipdverse.org/data/LC5bcbb4060c7010b7219f6f42e249f1fa/1_1_0/) | 1.1.0 | 65.0930 | 32.9629 | Peat | pollen | Elina (1981) |
| [SithylemenkatLake.Anderson.1990](https://lipdverse.org/data/LCe6907bf29cea1a60ae47fd9e7afa60e9/1_1_0/) | 1.1.0 | 66.1240 | -151.3916 | LakeSediment | pollen | Patricia M. Anderson, Reanier, and Brubaker (1990) |
| [SmorodinovoyeLake.Anderson.2002](https://lipdverse.org/data/LCdad75ac0263f0b6532b2e769036f9d02/1_1_0/) | 1.1.0 | 64.7667 | 141.1167 | LakeSediment | pollen | P. M. Anderson and Lozhkin (2002) |
| [SnipeLake.Brubaker.2001](https://lipdverse.org/data/LCf335c9d0bff023ddaf34d605094f2cc1/1_1_0/) | 1.1.0 | 60.6260 | -154.3035 | LakeSediment | pollen | Linda B. Brubaker, Anderson, and Hu (2001) |
| [SosedneeLake.Lozhkin.1993](https://lipdverse.org/data/LC3173cf8aba3d88641aee71158df095f6/1_1_0/) | 1.1.0 | 62.1667 | 149.5000 | LakeSediment | pollen | Lozhkin et al. (1993) |
| [SouthLake.Ruhland.2009](https://lipdverse.org/data/LCd143970e6c55d8a76da6ba536a799a85/1_1_0/) | 1.1.0 | 69.0808 | -121.4285 | LakeSediment | pollen | Rühland et al. (2009) |
| [Starvatn.Andresen.2008](https://lipdverse.org/data/YQ3Y43aJblI3iVgCsaLZ/1_1_1/) | 1.1.1 | 62.0500 | -6.5900 | LakeSediment | BSi | ANDRESEN et al. (2008); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [Storsandvatnet.Birks.2012](https://lipdverse.org/data/LCef4861fca6ff1b16dfbb5f0e2c889ccf/1_1_0/) | 1.1.0 | 63.4575 | 8.4544 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [SunkenIslandLake.Anderson.2019](https://lipdverse.org/data/LC212ba4068f44271df178cadbb01d9b5a/1_0_8/) | 1.0.8 | 60.5930 | -150.8862 | LakeSediment | pollen | Scott Anderson et al. (2019); R. S. Anderson et al. (2019) |
| [Svartvatnet.Birks.2012](https://lipdverse.org/data/LC018228b713fe982badfc87756d629985/1_1_0/) | 1.1.0 | 63.3514 | 8.8778 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [Sverdrup.Tarasov.1995](https://lipdverse.org/data/LCb06c34f1752a36df88bdfe233222ead9/1_0_4/) | 1.0.4 | 74.5209 | 79.4574 | Peat | pollen | Tarasov et al. (1995) |
| [Sysy-Kyuele.Biskaborn.2012](https://lipdverse.org/data/79n2ZHk5Fk0VgiQBKtJt/1_1_1/) | 1.1.1 | 69.4000 | 123.8300 | LakeSediment | BSi, bulk sediment | Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [TenMileLake.Anderson.1994](https://lipdverse.org/data/LC51200278c8f729ccf701d9e6f88f215e/1_1_0/) | 1.1.0 | 63.0667 | -145.7000 | LakeSediment | pollen | P. M. Anderson et al. (1994) |
| [Tiavatnet.Birks.2012](https://lipdverse.org/data/LC7c98fbb12add678d5f11fef54638ff1a/1_1_0/) | 1.1.0 | 63.0597 | 9.4169 | LakeSediment | pollen | H. H. Birks, Birks, and Felde. (2012) |
| [TiinkdhulLake.Anderson.1988](https://lipdverse.org/data/LC1bb707b1ccc2fb86843bbfbabc491e7f/1_1_0/) | 1.1.0 | 66.5833 | -143.1500 | LakeSediment | pollen | Patricia M. Anderson, Reanier, and Brubaker (1988) |
| [Topptjonna.Paus.2011](https://lipdverse.org/data/MmVPt2ehlu6Lnor9JWUM/1_1_1/) | 1.1.1 | 62.3800 | 9.6700 | LakeSediment | chironomid | Paus, Velle, and Berge (2011) |
| [Trettetjorn.Bjune.2005Legacy](https://lipdverse.org/data/LC58e21875e137c0e781f6f9e52d5cbe66/1_1_0/) | 1.1.0 | 60.7167 | 7.0000 | LakeSediment | pollen | Anne Elisabeth Bjune (2005a); Anne Elisabeth Bjune (2005b) |
| [Trollvatnet.Hyvarinen.1985](https://lipdverse.org/data/LC1cc7f51036a84e30f582b8e680f0d91a/1_0_8/) | 1.0.8 | 69.8760 | 23.4592 | LakeSediment | pollen | Hyvärinen (1985) |
| [Trout.Irvine.2012](https://lipdverse.org/data/K17k9S42iHbRtq2RL8WF/1_1_1/) | 1.1.1 | 68.8280 | -138.7500 | LakeSediment | chironomid | Sundqvist et al. (2014a); Irvine (2012); Sundqvist et al. (2014b) |
| [TukutoLake.Oswald.1999](https://lipdverse.org/data/LCe451461c8fb671eada0248e4e65ad25c/1_1_0/) | 1.1.0 | 68.4988 | -157.0301 | LakeSediment | pollen | W. Wyatt Oswald, Brubaker, and Anderson (1999) |
| [Tumbulovaty.Kultti.2004](https://lipdverse.org/data/gt8OcqdmmNVHha5PXalW/1_1_1/) | 1.1.1 | 67.1200 | 59.5700 | LakeSediment | pollen | Kultti, Oksanen, and Väliranta (2004a); Kultti, Oksanen, and Väliranta (2004b); Salonen et al. (2011a); Väliranta et al. (2015); Salonen et al. (2011b) |
| [TyrrellLake.Ritchie.1982](https://lipdverse.org/data/LC9a2db3c290f87d8a44623b9934cb26a7/1_1_0/) | 1.1.0 | 66.0500 | -135.6556 | LakeSediment | pollen | Ritchie (1982) |
| [UpperCapsuleLake.Oswald.2003](https://lipdverse.org/data/LCd41b61cd499cdf1ac9f3092b5d5d882b/1_1_0/) | 1.1.0 | 68.6314 | -149.4169 | LakeSediment | pollen | W. Wyatt Oswald et al. (2003) |
| [UpperFly.Bunbury.2009](https://lipdverse.org/data/2ZeHwsuVMFJKJlzJ2PR8/1_1_1/) | 1.1.1 | 61.0700 | -138.0900 | LakeSediment | pollen | Bunbury and Gajewski (2009); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |
| [VestreOykjamyrtjorn.Bjune.2005](https://lipdverse.org/data/LC22088ec284a5052a57cbed1f055843a7/1_1_0/) | 1.1.0 | 59.8167 | 6.0000 | LakeSediment | pollen | Anne Elisabeth Bjune (2005a); Anne Elisabeth Bjune (2005b) |
| [VestreOykjamytjorn.Velle.2005](https://lipdverse.org/data/K0rDuPJ203uibph3XZEU/1_1_1/) | 1.1.1 | 59.8200 | 6.0000 | LakeSediment | chironomid | Velle, Brooks, et al. (2005) |
| [ViitnaLinajarv.Punning.2003](https://lipdverse.org/data/LC83ea94e8ae6323102301474581ba120d/1_1_0/) | 1.1.0 | 59.4514 | 26.0139 | LakeSediment | pollen | L. Saarse et al. (1998) |
| [ViitnaLinajarv.Saarse.1998](https://lipdverse.org/data/LC63e16c0fce3980878acc19d5c6bdaa0a/1_1_0/) | 1.1.0 | 59.4514 | 26.0139 | LakeSediment | pollen | L. Saarse et al. (1998) |
| [VishnevskoeLake.Arslanov.1999](https://lipdverse.org/data/LCc2473d9e78d4b9a7a5e5d5130b8917aa/1_1_0/) | 1.1.0 | 60.5022 | 29.5169 | LakeSediment | pollen | Arslanov et al. (1999) |
| [WA01.Rainville.2013](https://lipdverse.org/data/himvXkXsoQ7ePIXxiUoJ/1_1_1/) | 1.1.1 | 61.2447 | -136.9264 | LakeSediment | TOC | Rainville and Gajewski (2013) |
| [WatanaTrianglePond.author.1111](https://lipdverse.org/data/LC27e680e31c1973b7e0cc588dc962a228/1_1_0/) | 1.1.0 | 62.8429 | -148.2470 | LakeSediment | pollen | Missing citation metadata |
| [WildSpearLake.MacDonald.1984](https://lipdverse.org/data/LC57bae850a3bfd86af1de5bbf96515b91/1_1_0/) | 1.1.0 | 59.2500 | -114.1500 | LakeSediment | pollen | G. M. MacDonald (1984) |
| [WindmillLake.Bigelow.1997](https://lipdverse.org/data/LCf13210614b0ea0b891c670c4688b86dd/1_1_0/) | 1.1.0 | 63.6589 | -148.8053 | LakeSediment | pollen | Bigelow (1997) |
| [WonderLake.Anderson.1994](https://lipdverse.org/data/LC527145f762607fe7083d4d25afabce73/1_1_0/) | 1.1.0 | 63.4833 | -151.0833 | LakeSediment | pollen | P. M. Anderson et al. (1994) |
| [XindiLake.Higuera.2006](https://lipdverse.org/data/LC3ccf5d0540f05e8b8b563d5b9bfbc819/1_1_0/) | 1.1.0 | 67.1112 | -152.4914 | LakeSediment | pollen | Higuera (2006) |
| [Yarnyshnoe.Seppa.2008](https://lipdverse.org/data/eEUDNZTrJKRBxHo82oG6/1_1_1/) | 1.1.1 | 69.0700 | 36.0700 | LakeSediment | pollen | Seppä et al. (2008); Sundqvist et al. (2014a); \_ et al. (2008); Sundqvist et al. (2014b) |
| [ZagoskinLake.Ager.2003](https://lipdverse.org/data/LC811a496cd9a4f14f4e7bdf95e3f2b07c/1_1_0/) | 1.1.0 | 63.4485 | -162.1084 | LakeSediment | pollen | Thomas A. Ager (2003) |
| [greyling.Mckay.2009](https://lipdverse.org/data/Qn6dGDmUsnAGhvyDaZP0/1_1_1/) | 1.1.1 | 61.3813 | -145.7370 | LakeSediment | TOC | McKay and Kaufman (2008) |
| [igelsjon..2003](https://lipdverse.org/data/JzhSAgeQ50Zw3yO6L7G9/1_2_1/) | 1.2.1 | 58.4667 | 13.7333 | LakeSediment | d18O | Hammarlund (2003) |
| [rainbow.Clegg.2011](https://lipdverse.org/data/FvAJXMecx1fSF5di3i0E/1_1_1/) | 1.1.1 | 60.7167 | -150.8000 | LakeSediment | chironomid | Sundqvist et al. (2014a); Clegg et al. (2011); Sundqvist et al. (2014b) |
| [vikjordvatnet.Balascio.2012](https://lipdverse.org/data/rFrrtgeDpAD9zjpB4xT5/1_1_1/) | 1.1.1 | 68.2270 | 14.0630 | LakeSediment | TOC | Balascio and Bradley (2012); Sundqvist et al. (2014a); Sundqvist et al. (2014b) |

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