| article\_ID | author\_list | year | locality | quantitative\_synthesis | n |
| --- | --- | --- | --- | --- | --- |
| 16 | Virtanen, R; Clark, AT; den Herder, M; Roininen, H | 2,021 | not reported | included (10 articles) | 2 |
| not reported | included (5 articles) | 2 |
| not reported | no diversity contrast | 2 |
| 49 | Min, E; Wilcots, ME; Naeem, S; Gough, L; McLaren, JR; Rowe, RJ; Rastetter, EB; Boelman, NT; Griffin, KL | Toolik Lake | included (10 articles) | 27 |
| Toolik Lake | included (5 articles) | 3 |
| 56 | Stark, S; Grellmann, D | 2,002 | Joatka Research Area | excluded (<5 articles) | 8 |
| Joatka Research Area | included (10 articles) | 60 |
| Joatka Research Area | included (5 articles) | 4 |
| 75 | Ravolainen, VT; Brathen, KA; Yoccoz, NG; Nguyen, JK; Ims, RA | 2,014 | Ifjordfjellet | included (5 articles) | 2 |
| Ifjordfjellet | not possible to estimate effect size | 2 |
| Komagdalen | included (5 articles) | 2 |
| Komagdalen | not possible to estimate effect size | 2 |
| Vestre Jakobselv | included (5 articles) | 2 |
| Vestre Jakobselv | not possible to estimate effect size | 2 |
| 77 | Olofsson, J; Oksanen, L; Callaghan, T; Hulme, PE; Oksanen, T; Suominen, O | 2,009 | Abisko | included (10 articles) | 14 |
| Abisko | not possible to estimate effect size | 6 |
| Joatka | included (10 articles) | 27 |
| Joatka | not possible to estimate effect size | 6 |
| Seiland | included (10 articles) | 24 |
| Seiland | not possible to estimate effect size | 9 |
| Vassijaure | included (10 articles) | 33 |
| 90 | Metcalfe, DB; Olofsson, J | 2,015 | Study site is 5km from Abisko in northern Sweden. Dwarf shrub heath tundra. | included (10 articles) | 21 |
| Study site is 5km from Abisko in northern Sweden. Dwarf shrub heath tundra. | included (5 articles) | 3 |
| 157 | Ravolainen V.T., Bråthen K.A., Ims R.A., Yoccoz N.G., Henden J.-A., Killengreen S.T. | 2,011 | Varanger Peninsula, Komagdalen | not possible to estimate effect size | 22 |
| Varanger Peninsula,Vestre Jakobselv | not possible to estimate effect size | 13 |
| 176 | Gough, L; Shrestha, K; Johnson, DR; Moon, B | 2,008 | Toolik Lake | included (10 articles) | 26 |
| Toolik Lake | no diversity contrast | 7 |
| 201 | Grellmann, D | 2,002 | near Joatka on Finnmarksvidda in Northern  Norway | included (10 articles) | 32 |
| 312 | Linden, E; Gough, L; Olofsson, J | 2,021 | Abisko | excluded (<5 articles) | 6 |
| Abisko | included (10 articles) | 63 |
| Abisko | included (5 articles) | 6 |
| Joatka | included (10 articles) | 3 |
| Toolik Lake | excluded (<5 articles) | 6 |
| Toolik Lake | included (10 articles) | 72 |
| Toolik Lake | included (5 articles) | 6 |
| 333 | Roy, A; Suchocki, M; Gough, L; McLaren, JR | 2,020 | Toolik Lake | excluded (<5 articles) | 16 |
| Toolik Lake | included (10 articles) | 10 |
| Toolik Lake | included (5 articles) | 24 |
| Toolik Lake | no diversity contrast | 25 |
| 353 | Olofsson, J; Hulme, PE; Oksanen, L; Suominen, O | 2,005 | final comments | included (10 articles) | 12 |
| 451 | Olofsson, J; te Beest, M; Ericson, L | 2,013 | Torneträsk | included (10 articles) | 2 |
| Torneträsk | no diversity contrast | 1 |
| 511 | Olofsson, J; Hulme, PE; Oksanen, L; Suominen, O | 2,004 | see comments | included (10 articles) | 3 |
| 3,577 | Baubin C., Ehrich D., Ravolainen V., Sokovina S., Ektova S., Sokolova N., Ims R.A., Sokolov A. | 2,016 | Southern Yamal | not possible to estimate effect size | 18 |