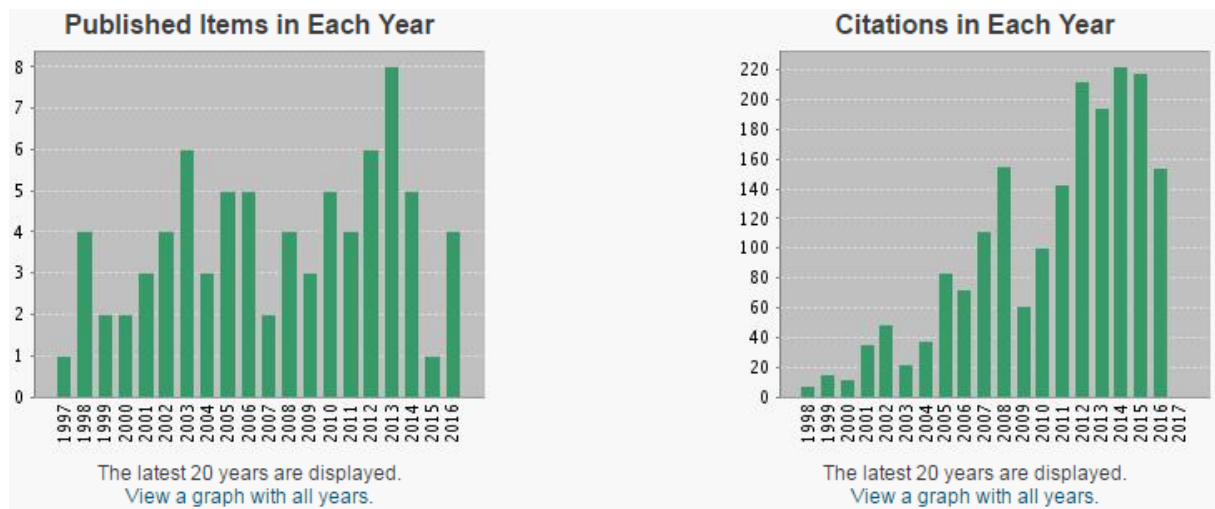


## Publication list for Stefan Wastegård 1995-2016



Published items and citations in each year, 1997-2017. Entries: 79; h-index: 29. Citations: 1908. Figure and h-index obtained from ISI Web of Knowledge on 10 January 2017.

### Peer-reviewed articles in international journals

#### 2016

1. Holmes, N., Langdon, P.G., Caseldine, C.J., **Wastegård, S.**, Leng, M.J., Croudace, I.W. & Davies, S.M., 2016. Climatic variability during the last millennium in Western Iceland from lake sediment records. *The Holocene* 26, 756-771.
2. Kokfelt, U., Muscheler, R., Mellström, A., Struyf, E., Rundgren, M., **Wastegård, S.** & Hammarlund, D., 2016. Diatom blooms and associated vegetation shifts in a subarctic peatland: responses to volcanic eruptions? *Journal of Quaternary Science* 31, 723-730.
3. Lind, E.M., Lilja, C., **Wastegård, S.** & Pearce, N.J.G., 2016. Revisiting the Borrobol Tephra. *Boreas* 45, 629-643.
4. Stivrins, N., Wulf, S., **Wastegård, S.**, Lind, E.M., Alliksaar, T., Gałka, M., Andersen T.J., Heinsalu, A., Seppä, H. & Veski, S., 2016. Detection of the Askja 1875 cryptotephra in Latvia, Eastern Europe. *Journal of Quaternary Science* 31, 437-441.

#### 2015

5. Clymans, W., Barão, L., Van der Putten, N., **Wastegård, S.**, Gísladóttir, G., Björck, S., Moine, B., Struyf, E. & Conley, D., 2015. The contribution of tephra constituents during biogenic silica determination: implications for soil and palaeological studies. *Biogeosciences* 12, 3789-3804.

#### 2014

6. Abbott, P.M., Austin, W.E.N., Davies, S.M., Pearce, N.J.G., Rasmussen, T.L., **Wastegård, S.** & Brendryen, J., 2014. Re-evaluation and extension of the Marine Isotope Stage 5 tephrostratigraphy of the Faroe Islands region: The cryptotephra record. *Palaeogeography, Palaeoclimatology, Palaeoecology* 409, 153-168.

7. MacLeod, A., Brunnberg, L., **Wastegård, S.**, Hang, T., Matthews, I.P., 2014. Late-glacial cryptotephra detected within clay varves in Östergötland, south-east Sweden. *Journal of Quaternary Science* 29, 605-609.

### 2013

8. Buylaert, J.-P., Murray, A.S., Gebhardt, C., Sohbati, R., Ohlendorf, C., Thiel, C., **Wastegård, S.**, Zolitschka, B. & the PASADO Science Team, 2013. Luminescence dating of the PASADO core 5022-1D from Laguna Potrok Aike (Argentina) using IRSL signals from feldspar. *Quaternary Science Reviews* 71, 70-80.
9. Kliem, P., Buylaert, J.P., Hahn, A., Mayr, C., Murray, A.S., Ohlendorf, C., Veres, D., **Wastegård, S.**, Zolitschka, B. and the PASADO Science Team, 2013. Magnitude, geomorphologic response and climate links of lake level oscillations at Laguna Potrok Aike, Patagonian steppe (Argentina). *Quaternary Science Reviews* 71, 131-146.
10. Kliem, P., Enters, D., Hahn, A., Ohlendorf, C., Lisé-Pronovost, A., St-Onge, G., **Wastegård, S.**, Zolitschka, B. & the PASADO Science Team, 2013. Lithology, radiocarbon chronology and sedimentological interpretation of the lacustrine record from Laguna Potrok Aike, southern Patagonia. *Quaternary Science Reviews* 71, 54-69.
11. Lind, E.M., **Wastegård, S.** & Larsen, J.J., 2013. A Late Younger Dryas-Early Holocene tephrostratigraphy for Fosen, Central Norway. *Journal of Quaternary Science* 28, 803-811.
12. Lilja, C., Lind, E.M., Morén, B. & **Wastegård, S.**, 2013. A Lateglacial-early Holocene tephrochronology for SW Sweden. *Boreas* 42, 544-554.
13. Rosqvist, G.C., Leng, M.J., Goslar, T., Sloane, H.J., Bigler, C., Cunningham, L., Dadal, A., Bergman, J., Berntsson, A., Jonsson, C. & **Wastegård, S.**, 2013. Shifts in precipitation during the last millennium in northern Scandinavia from lacustrine isotope records. *Quaternary Science Reviews* 66, 22-34.
14. **Wastegård, S.**, Veres, D., Kliem, P., Hahn, A., Ohlendorf, C., Zolitschka, B. and the PASADO Science Team, 2013. Towards a late Quaternary tephrochronological framework for the southernmost part of South America – the Laguna Potrok tephra record. *Quaternary Science Reviews* 71, 81-90.
15. Zolitschka, B., Anselmetti, F., Ariztegui, D., Corbella, H., Francus, P., Lücke, A., Maidana, N., Ohlendorf, C., Schäbitz, F. & **Wastegård, S.**, 2013. Environment and climate of the last 51,000 years – new insights from the Potrok Aike maar lake Sediment Archive Drilling project (PASADO). *Quaternary Science Reviews* 71, 1-12.

### 2012

16. Abbott, P.M., Davies, S.M., Steffensen, J.P., Pearce, N.J.G., Bigler, M., Johnsen, S.J., Seierstad, I.K., Svensson, A. & **Wastegård, S.**, 2012. A detailed framework of Marine Isotope Stages 4 and 5 volcanic events recorded in two Greenland ice-cores. *Quaternary Science Reviews* 36, 59-77.
17. Davies, S.M., Abbott, P.A., Pearce, N.J.G., **Wastegård, S.** & Blockley, S.P.E., 2012. Integrating the INTIMATE records using tephrochronology: rising to the challenge. *Quaternary Science Reviews* 36, 11-27.
18. Gebhardt, A.C., Ohlendorf, C., Niessen, F., de Batist, M., Anselmetti, F.S., Ariztegui, D., Kliem, P., **Wastegård, S.** & Zolitschka, B., 2012. Seismic evidence of up to 200 m lake-level change in Southern Patagonia since Marine Isotope Stage 4. *Sedimentology* 59, 1087-1100.

19. Heyng, A.M, Mayr, C., Lücke, A., Striewski, B., **Wastegård, S.** & Wissel, H., 2012. Environmental changes in northern New Zealand since the Middle Holocene inferred from stable isotope records ( $\delta^{15}\text{N}$ ,  $\delta^{13}\text{C}$ ) of Lake Pupuke. *Journal of Paleolimnology* 48, 351-366.
20. Kylander, M.E., Lind, E.M., **Wastegård, S.** & Löwemark, L., 2012. Recommendations for using XRF core scanning as a tool in tephrochronology. *The Holocene* 22, 371-375.
21. **Wastegård, S.** and Boyle, J., 2012. Distal tephrochronology of NW Europe – the view from Sweden. *Jökull* 62, 73-80.

### 2011

22. Cage, A.G., Davies, S.M., **Wastegård, S.** & Austin, W.E.N., 2011. Identification of the Icelandic Landnám tephra (AD 871  $\pm$  2) in Scottish fjordic sediment. *Quaternary International* 246, 168-176.
23. Langdon, P.G., Caseldine, C., Croudace, I., Jarvis, S., **Wastegård, S.** & Crowford, T. A., 2011. Quantitative reconstruction of summer temperatures in NW Iceland since AD 1650. *Quaternary Research* 75, 451-460.
24. Lind, E.M. & **Wastegård, S.**, 2011. Tephra horizons contemporary with short early Holocene climate fluctuations: new results from the Faroe Islands. *Quaternary International* 246, 157-167.
25. Rasmussen, T.L., Thomsen, E., Nielsen, T. & **Wastegård, S.**, 2011. Continuous flow of Atlantic surface water into the Nordic seas 12,600-10,000 cal yr BP. *Journal of Quaternary Science* 26, 723-733.

### 2010

26. Andersson, S., Rosqvist, G., Leng, M., **Wastegård, S.** & Blaauw, M., 2010: Late Holocene humidity changes inferred from stable isotopes in *Chara* encrustations and *Pisidium* shells in a lacustrine sediment sequence from central Sweden. *Journal of Quaternary Science* 25, 1305-1316.
27. Davies, S.M., Larsen, G., **Wastegård, S.**, Turney, C.S.M., Hall, V.A., Coyle, L. & Thordarson, T., 2010. Widespread dispersal of Icelandic tephra: how does the Eyjafjöll eruption of 2010 compare to past Icelandic events? *Journal of Quaternary Science* 25, 605-611.
28. Davies, S.M., **Wastegård, S.**, Abbott, P. M., Barbante, C., Bigler, M., Johnsen, S.J., Rasmussen, T.L., Steffensen, J.P. & Svensson, A., 2010. Tracing volcanic events in the NGRIP ice-core and synchronising North Atlantic marine records during the last glacial period. *Earth and Planetary Science Letters* 294, 69-79.
29. Kastner, S., Enters, D., Ohlendorf, C., Haberzettl, T., Kuhn, G., Lücke, A., Mayr, C., Reyss, J.-L., **Wastegård, S.** & Zolitschka, B., 2010. Reconstructing 2000 years of hydrological variation derived from laminated pro-glacial sediments of Lago del Desierto at the eastern margin of the South Patagonian Ice Field, Argentina. *Global and Planetary Change* 72, 201-214.
30. Stanton, T., Snowball, I., Zillén, L. & **Wastegård, S.**, 2010. Detecting potential errors in a varve chronology and radiocarbon timescale using palaeosecular variation curves, lead pollution history and statistical correlation. *Quaternary Geochronology* 5, 611-624.

### 2009

31. Helmens, K., Risberg, J., Jansson, K.N., Weckström, J., Berntsson, A., Kaislahti Tillman, P., Johans-son, P.W. & **Wastegård, S.**, 2009. Early MIS 3 glacial lake evolution, ice-marginal retreat pattern and climate at Sokli (northeastern Fennoscandia). *Quaternary Science Reviews* 28, 1880-1894.

32. **Wastegård, S.** & Davies, S.M., 2009. An overview of distal tephrochronology in Northern Europe during the last 1000 years. *Journal of Quaternary Science* 24, 500-512.
33. **Wastegård, S.**, Andersson, S. & Hohl Perkins, V., 2009. A new mid-Holocene tephra in central Sweden. *GFF* 131, 293-297.

#### 2008

34. Borgmark, A. & **Wastegård, S.**, 2008: Regional and local patterns of peat humification in three raised bogs in Värmland, south-central Sweden. *GFF* 130, 161-176.
35. Davies, S.M., **Wastegård, S.**, Rasmussen, T.L., Svensson, A., Johnsen, S.J., Steffensen, J.P. & Andersen, K.K., 2008: Identification of the Fugloyarbanki tephra in the NGRIP ice-core: a key tie-point for marine and ice-core sequences during the last glacial period. *Journal of Quaternary Science* 23, 409-414.
36. Veres, D., Davies, S.M., Wohlfarth, B., Preusser, F., **Wastegård, S.**, Ampel, L., Hormes, A., Possnert, G., Raynal, J.-P. & Vernet, G., 2008: Age, origin and significance of a new middle MIS 3 tephra horizon identified within a long-core sequence from Les Echets, France. *Boreas* 37, 434-443.
37. **Wastegård, S.**, Rundgren, M., Schoning, K., Andersson, S., Björck, S., Borgmark, A., Possnert, G., 2008: The Kebister tephra: age, distribution and geochemistry. *The Holocene* 18, 539-549.

#### 2007

38. Vorren, K.-D., Blaauw, M., **Wastegård, S.**, van der Plicht, J. & Jensen, C., 2007: High-resolution stratigraphy of the northernmost concentric raised bog in Europe – Sellevollmyra, Andøya, northern Norway. *Boreas* 36, 253-277.

#### 2006

39. Björck, S., Rittenour, T., Rosén, P., França, Z., Möller, P., Snowball, I, **Wastegård, S.**, Bennike, O., & Kromer, B., 2006: A Holocene lacustrine record in the central North Atlantic: proxies for volcanic activity, short-term NAO mode variability, and long-term precipitation changes. *Quaternary Science Reviews* 25, 9-32.
40. Hang, T., **Wastegård, S.**, Veski, S. & Heinsalu, A., 2006: First discovery of cryptotephra in Holocene peat deposits of Estonia, eastern Baltic. *Boreas* 35, 644-649.
41. Turney, C.S.M., van den Burg, K., **Wastegård, S.**, Davies, S.M., Whitehouse, N.J., Pilcher, J.R., Callaghan, C., 2006: North European last glacial-interglacial transition (LGIT; 15-9 ka) tephrochronology: extended limits and new events. *Journal of Quaternary Science* 21, 335-345.
42. **Wastegård, S.**, Rasmussen, T.L., Kuijpers, A., Nielsen, T., & van Weering, T.C.E., 2006: Composition and origin of ash zones from Marine Isotope Stages 3 and 2 in the North Atlantic. *Quaternary Science Reviews* 25, 2409-2419.
43. Wohlfarth, B., Blaauw, M., Davies, S.M., Andersson, M., **Wastegård, S.**, Hormes, A. & Possnert, G., 2006: Constraining the age of Lateglacial and early Holocene pollen zones and tephra horizons in southern Sweden with Bayesian probability methods. *Journal of Quaternary Science* 21, 321-334.

## 2005

44. Hannon, G.E., Bradshaw, R.H.W., Bradshaw, E.G., Snowball, I., & **Wastegård, S.**, 2005: Climate change and human settlement as drivers of late-Holocene vegetational change in the Faroe Islands. *The Holocene* 15, 639-647.
45. Schoning, K., Charman, D.J. & **Wastegård, S.**, 2005: Reconstructed water tables from two ombrotrophic mires in eastern central Sweden compared with instrumental meteorological data. *The Holocene* 15, 111-118.
46. **Wastegård, S.** & Andrén, Th., 2005: Salinity changes in the central Baltic Sea (NW Europe) over the last 10 000 years: a comment on Emeis, Struk, Blanz, Kohly, Voß. *The Holocene* 15, 472-474.
47. **Wastegård, S.**, 2005: Late Quaternary tephrochronology of Sweden – a review. *Quaternary International* 130, 49-62.
48. **Wastegård, S.**, Björck, S., Greve, C., Rasmussen, T.L., 2005: A tephra-based correlation between the Faroe Islands and the Norwegian Sea raises questions about chronological relationships during the last interglacial. *Terra Nova* 17, 7-12.

## 2004

49. Bergman, J., **Wastegård, S.**, Hammarlund, D., Wohlfarth, B. & Roberts, S.J., 2004: Holocene tephra horizons at Klocka Bog, west-central Sweden: aspects of reproducibility in subarctic peat deposits. *Journal of Quaternary Science*, 19, 241-249.
50. Davies, S.M., Wohlfarth, B., **Wastegård, S.**, Andersson, M., Blockley, S. & Possnert, G., 2004: Were there two Borrobol Tephra during the early Late-glacial period: implications for tephrochronology? *Quaternary Science Reviews* 23, 581-589.
51. Turney, C.S.M., Lowe, J.J., Davies, S.M., Hall, V., Lowe, D.J., **Wastegård, S.**, Hoek, W., Alloway, B., SCOTAV and INTIMATE members, 2004: Tephrochronology of Last Termination sequences in Europe: a protocol for improved analytical precision and robust correlation procedures (a joint SCOTAV-INTIMATE proposal). *Journal of Quaternary Science* 24, 111-120.

## 2003

52. Davies, S.M., **Wastegård, S.**, & Wohlfarth, B., 2003. Extending the limits of the Borrobol Tephra to Scandinavia and detection of new early Holocene tephra. *Quaternary Research* 59, 345-352.
53. Gunnarson, B.E., Borgmark, A. & **Wastegård, S.**, 2003: Holocene Hydrological Fluctuations in Sweden – inferred from ancient trees and peat stratigraphy. *Boreas* 32, 347-360.
54. Hannon, G.E., Bradshaw, R.H.W. & **Wastegård, S.**, 2003: Rapid vegetation change during the early Holocene in the Faroe Islands detected in terrestrial and aquatic ecosystems. *Journal of Quaternary Science* 18, 615-619.
55. Rasmussen, T.L., Thomsen, E., Kuijpers, A. & **Wastegård, S.**, 2003: Late warming and early cooling of the sea surface in the Nordic Seas during MIS 5e (Eemian interglacial). *Quaternary Science Reviews* 22, 809-821.
56. Rasmussen, T.L., **Wastegård, S.**, Kuijpers, A., van Weering, T.C.E., & Heinemeier, J., 2003: Stratigraphy and distribution of tephra layers in marine sediment cores from the Faeroe Islands, North Atlantic. *Marine Geology* 199, 263-277.
57. **Wastegård, S.**, Hall, V.A., Hannon, G.E., van den Bogaard, Ch., Pilcher, J.R., Sigurgeirsson, M.A. & Hermanns-Auðardóttir, M., 2003: Rhyolitic tephra horizons in North-western Europe and Iceland from the 700-800s AD; a potential alternative for dating first human impact. *The Holocene* 13, 277-283.

## 2002

58. Björck, J., Andrén, Th., **Wastegård, S.**, Possnert, G. & Schoning, K., 2002: An event stratigraphy for the Last Glacial-Holocene transition in eastern middle Sweden: results from investigations of varved clay and terrestrial sequences. *Quaternary Science Reviews* 21, 1489-1501.
59. Subetto, D.A., Wohlfarth, B., Davydova, N.N., Sapelko, T., Björkman, L., Solovieva, N., **Wastegård, S.**, Possnert, G., & Khomutova, V.I, 2002. Climate and environment on the Karelian Isthmus, north-western Russia, 13 000–9000 cal yrs BP. *Boreas* 31, 1-19.
60. **Wastegård, S.**, 2002: Early to Middle Holocene silicic tephra horizons from the Katla volcanic system, Iceland: new results from the Faroe Islands. *Journal of Quaternary Science* 17, 723-730.
61. Zillén, L., **Wastegård, S.**, Snowball, I.F., 2002: Three Mid-Holocene tephra layers dated by annually laminated lake sediments from W Sweden. *Quaternary Science Reviews* 21, 1583-1591.

## 2001

62. Hannon, G.E., **Wastegård, S.**, Bradshaw, E., & Bradshaw, R.H.W., 2001. Human impact and landscape degradation in the Faroe Islands. *Proceedings of the Royal Academy of Ireland*. 101B (1-2), 129-139.
63. Schoning, K., Klingberg, F. & **Wastegård, S.**, 2001. A reconstruction of marine conditions in Middle Sweden during Early Preboreal as inferred from a stable oxygen isotope gradient. *Journal of Quaternary Science* 16, 785-794.
64. **Wastegård, S.** & Rasmussen, T.L., 2001: New North Atlantic tephra horizons from oxygen isotope stage 5: correlation potential for terrestrial, marine and ice-core archives. *Quaternary Science Reviews* 20, 1587-1593.
65. **Wastegård, S.**, Björck, S., Grauert, M. & Hannon, G.E., 2001: The Mjáuvøtn Tephra and other Holocene tephra horizons from the Faroe Islands: a potential link between the Icelandic source region, the Nordic Seas, and the European continent. *The Holocene* 11, 101-109.

## 2000

66. **Wastegård, S.**, Turney, C.S.M., Lowe, J.J. & Roberts, S.J., 2000: New discoveries of the Vedde Ash in southern Sweden and Scotland. *Boreas* 29, 72-78.
67. **Wastegård, S.**, Wohlfarth, B., Subetto, D.A. & Sapelko, T.V., 2000: Extending the known distribution of the Younger Dryas Vedde Ash into north-western Russia. *Journal of Quaternary Science* 15, 581-586.

## 1999

68. Björck, J. & **Wastegård, S.**, 1999: Vegetational changes and tephrochronology in south-eastern Sweden during the last glacial/interglacial transition. *Journal of Quaternary Science* 14, 399-410.
69. Schoning, K & **Wastegård, S.**, 1999. Ostracod assemblages in Late Quaternary varved glaciomarine clay of the Baltic Sea Yoldia stage in eastern middle Sweden. *Marine Micropaleontology* 37, 313-325.

## 1998

70. Hannon, G., Hermanns-Auðardóttir, M. & **Wastegård, S.**, 1998: Human impact at Tjørnuvík on the Faroe Islands. *Fróðskaparrit* 46, 215-228.

71. Sohlenius, G., **Wastegård, S.** & Sternbeck, J., 1998: Evidence of benthic colonisation during formation of laminated sediments in the Gotland Deep, Baltic Sea. *GFF* 120, 293-296.
72. **Wastegård, S.**, 1998: Deglaciation chronology and marine environments in south-western Sweden. *Boreas* 27, 178-194.
73. **Wastegård, S.**, 1998: Distribution of Lateglacial tephra in Scandinavia. *Fróðskaparrit* 46, 297-303.
74. **Wastegård, S.**, Björck, J., & Risberg, J., 1998: Deglaciation, shore displacement and early-Holocene vegetation history in eastern middle Sweden. *The Holocene* 8, 433-441.
75. **Wastegård, S.**, Björck, S., Possnert, G. & Wohlfarth, B., 1998: Evidence for occurrence of the Vedde Ash in Sweden; radiocarbon age and calendar year estimates. *Journal of Quaternary Science* 13, 271-274.

#### 1997

76. **Wastegård, S.** & Schoning, K., 1997: Calcareous fossils and radiocarbon dating of the saline phase of the Yoldia Sea stage. *GFF* 119, 245-248.
77. **Wastegård, S.**, 1997: Yoldia Sea calcareous fossil fauna in the vicinity of the Närke strait, south central Sweden. In: Cato, I. & Klingberg, F. (eds.): *Proceedings of the Fourth Marine Geological Conference – the Baltic, Uppsala 1995*. Geol. Survey of Sweden Ca 86, 179-185.

#### 1995

78. **Wastegård, S.**, 1995: Late Weichselian – Early Holocene marine stratigraphy and environmental conditions in SW Värmland, Sweden; reflected by benthic foraminifera and molluscs. *Quaternary International* 27, 131-143.
79. **Wastegård, S.**, Andrén, T., Sohlenius, G. & Sandgren, P., 1995: Different phases of the Yoldia Sea in the North-Western Baltic Proper. *Quaternary International* 27, 121-129.

## Books and book chapters

1. Austin, W.E.N., Abbott, P.M., Davies, S.M., Pearce, N.J.G., **Wastegård, S.** (eds.), 2014. Marine Tephrochronology. Geological Society Special Publication 198. 213 pp.
2. Austin, W.E.N., Abbott, P.M., Davies, S.M., Pearce, N.J.G. & **Wastegård, S.** 2014: Marine tephrochronology: an introduction to tracing time in the ocean. In: Austin, W.E.N., Abbott, P.M., Davies, S.M., Pearce, N.J.G. & **Wastegård, S.** (eds.): Marine Tephrochronology. Geological Society, London, Special Publications 398, 1-5. No. of citations: 0.
3. Hibbert, F.D., **Wastegård, S.**, Gwynn, R. & Austin, W.E.N., 2014: Identification of a MIS 6 age (c. 180 ka) Icelandic tephra within NE Atlantic sediments: a new potential chronostratigraphic marker. In: Austin, W.E.N., Abbott, P.M., Davies, S.M., Pearce, N.J.G. & **Wastegård, S.** (eds.): Marine Tephrochronology. Geological Society, London, Special Publications 398, 65-80. No. of citations: 0.
4. **Wastegård, S.** & Rasmussen, T.L., 2014: Faroe Marine Ash Zone IV: a new MIS 3 ash zone on the Faroe Islands margin. In: Austin, W.E.N., Abbott, P.M., Davies, S.M., Pearce, N.J.G. & **Wastegård, S.** (eds.): Marine Tephrochronology. Geological Society, London, Special Publications 398, 81-93. No. of citations: 0.
5. Turney, C.S.M, Lowe, J.J., **Wastegård, S.**, Cooper, R., & Roberts, S.J., 2001. The development of a tephrochronological framework for the last Glacial-Holocene transition in NW Europe.

In "TEPHRAS – chronologie/chronology, archéologie/archeology." (E. Juvigné, & J.-P. Raynal, Eds.), pp. 101-109. les dossiers de l'Archéo-Logis no 1. CDERAD éditeur, Goudet.

6. **Wastegård, S.**, Aronsson, M., Hedenäs, L., Johansson, K., Lemdahl, G. & Ransed, G., 1995: Late Quaternary stratigraphy at Ranstad, Västergötland, S Sweden. In: *Robertsson, A.-M., Hicks, S., Risberg, J. & Åkerlund, A. (eds.): Landscapes and life. Studies in honour of Urve Miller.* PACT 50, 97-108.