

Disentangling the pollen signal from fen systems: modern and Holocene studies from southern and eastern England.

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Supplementary information: Fossil pollen diagrams for the sites from Romney Marsh and Fenland used in the PCA.

Only data from the samples between the numbered LPAZs lines were used. All taxa occurring at >2% TLP (or TLP+group) and the fen taxa included in the PCA of the modern data are (where recorded) are shown. The pollen sums used follow the original publications and are for trees, shrubs, climbers and herbs, % TLP; Aquatics, %TLP+Aquatics; Pteridophytes, %TLP+Pteridophytes; Bryophytes, % TLP+Bryophytes.

The pollen types follow Bennett (1995-2007) and where necessary have been adjusted to conform to this scheme. The large Poaceae grains were originally classified following Andersen (1979) into *Hordeum* and *Avena-Triticum* groups. No *Avena-Triticum* group pollen was recorded in any of these sequences. For the PCA, the *Hordeum* group were reclassified as *Glyceria/Bromus* – see text in paper and Waller and Grant (2012).

Lithology: peat is shaded, clastic sediments clays, clayey-silts, silty marls are white.

The Brookland sequence was originally published by Long and Innes (1995). We thank Jim Innes and Antony Long for letting us reuse the data.

The full diagrams can be found in Waller (1994) and Waller et al (1999). The Fenland volume (Waller 1994) is freely available online as a PDF from <http://eaareports.org.uk/topic/landscape> or from the author (m.waller@kingston.ac.uk).

References

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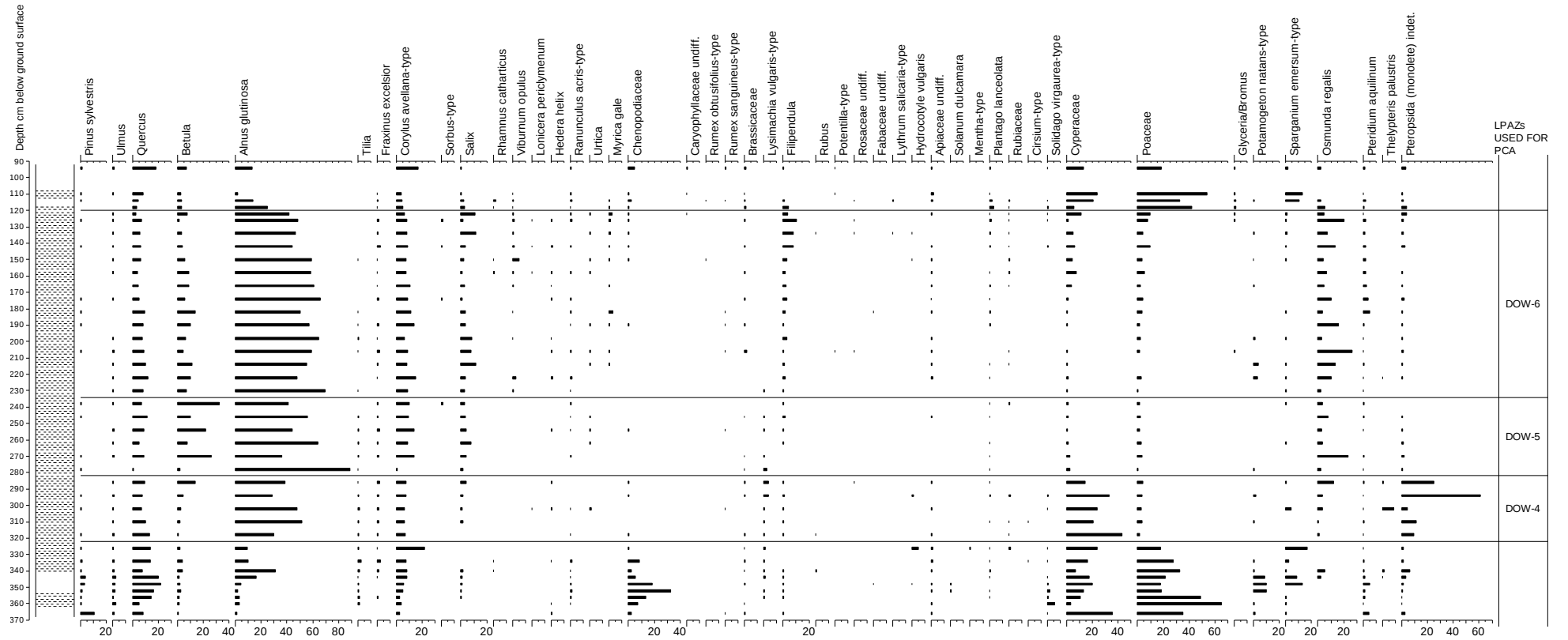
Long, A. J., Innes, J. B., 1995. The back-barrier and barrier depositional history of Romney Marsh, Walland Marsh and the Dungeness foreland, Kent, England. J. Quat. Sci. 10, 267-283.

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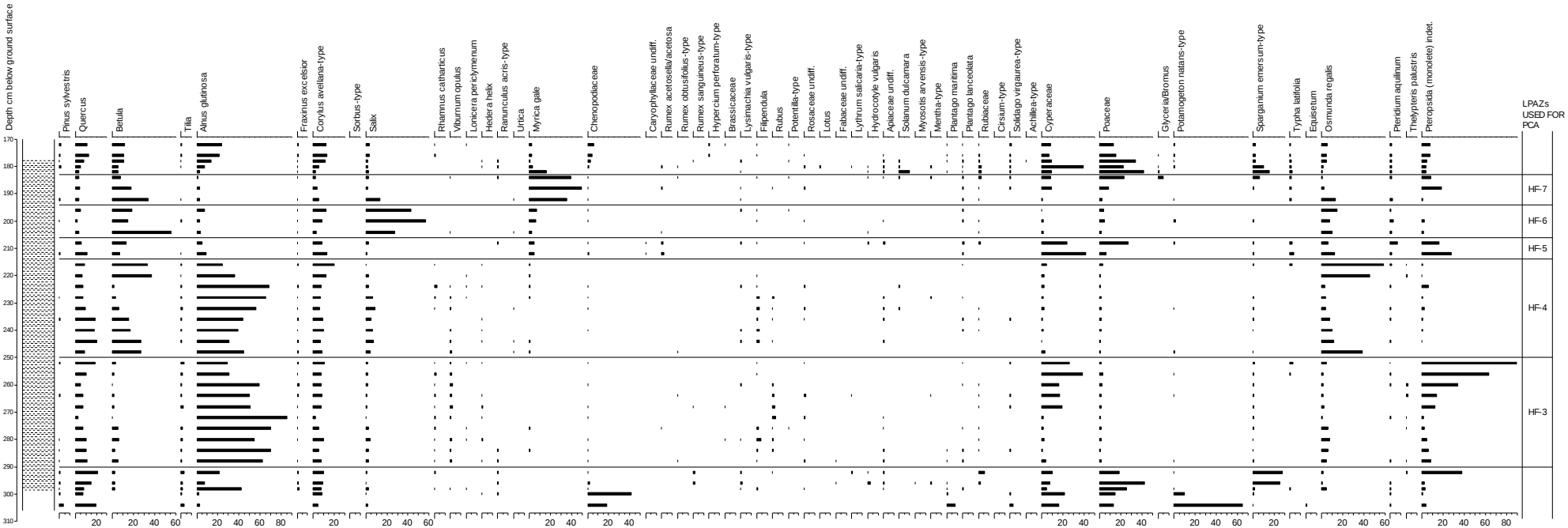
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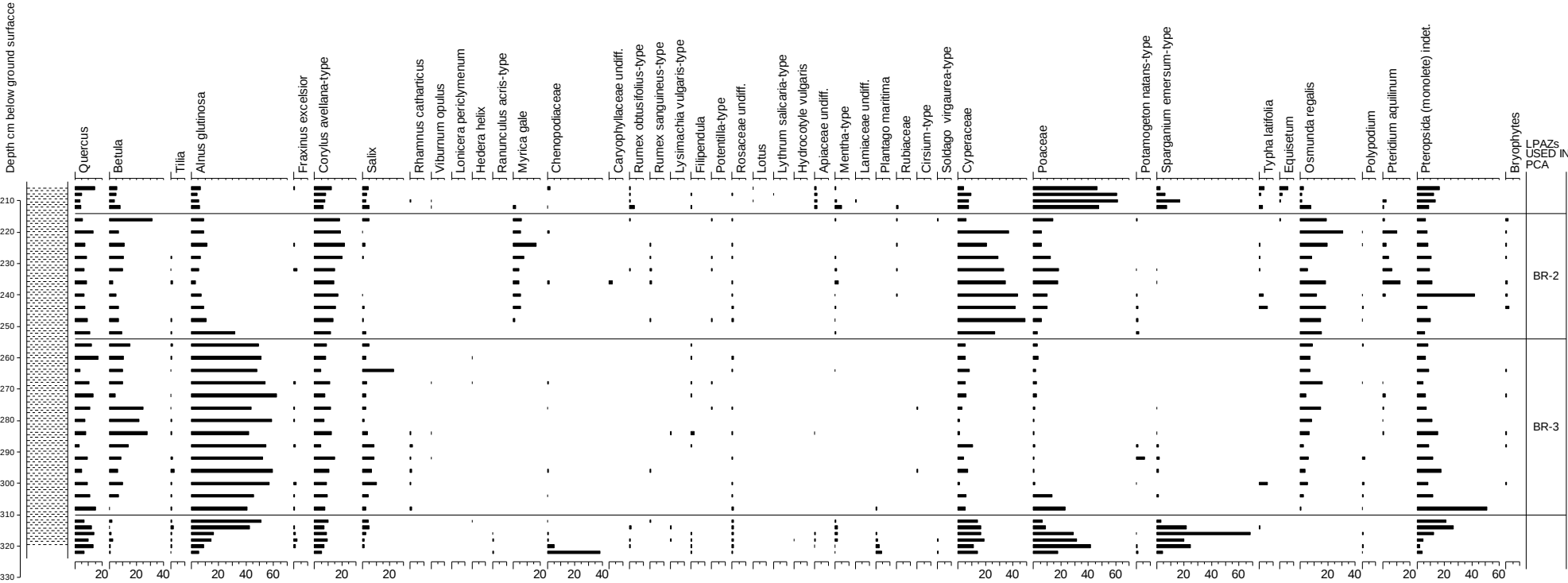
THE DOWELLS



HOPE FARM

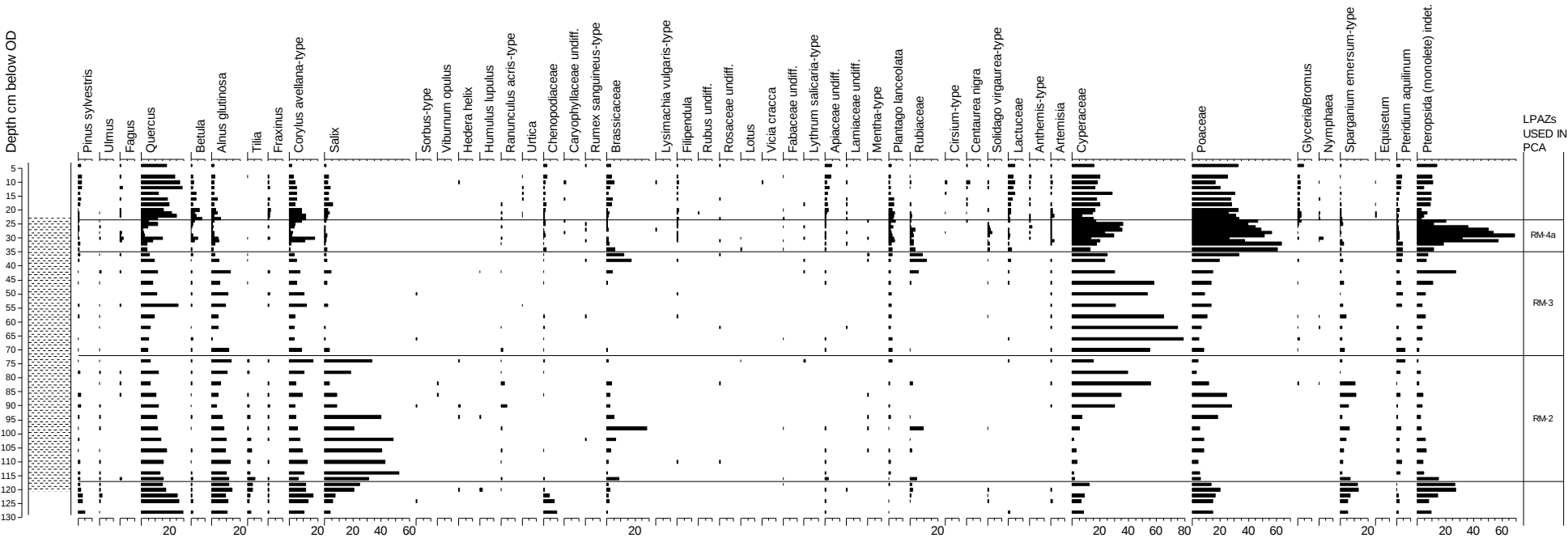


BROOKLAND

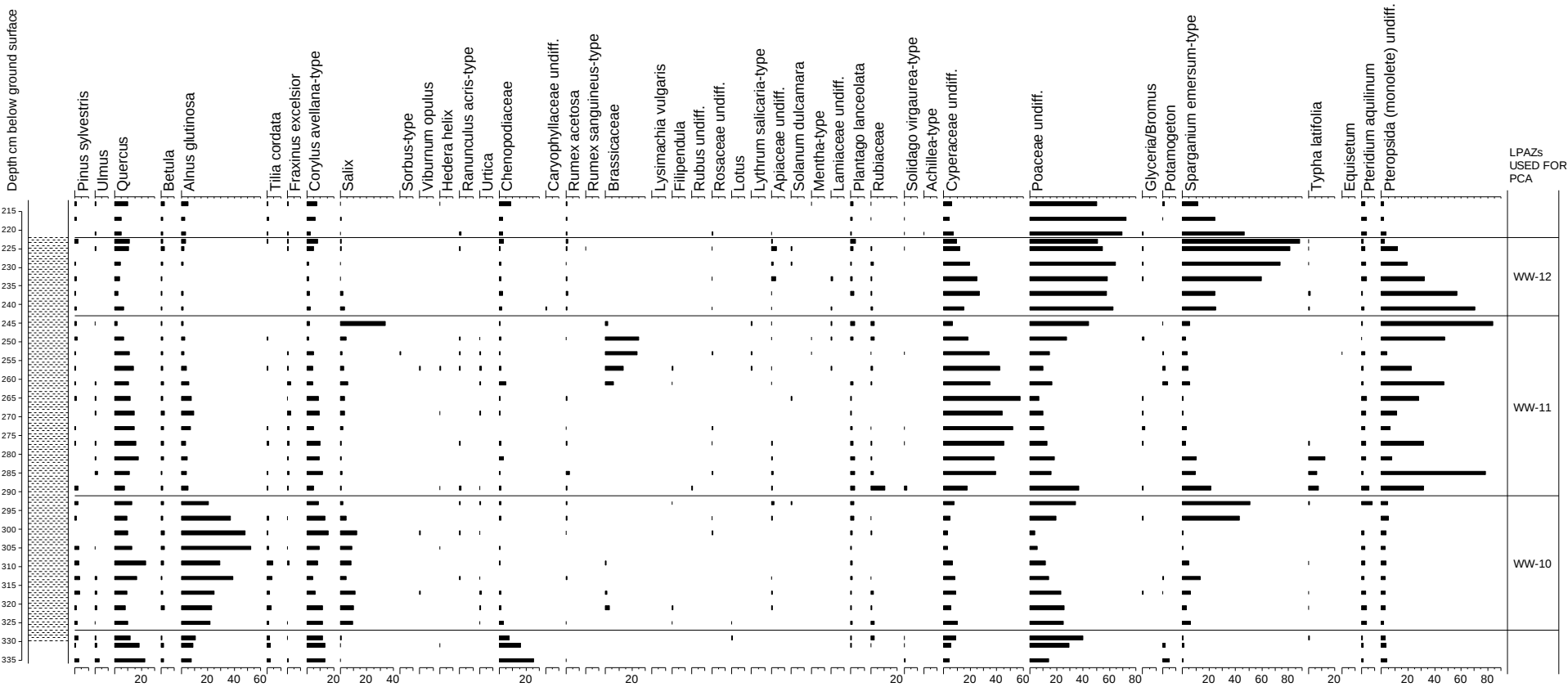


FENLAND

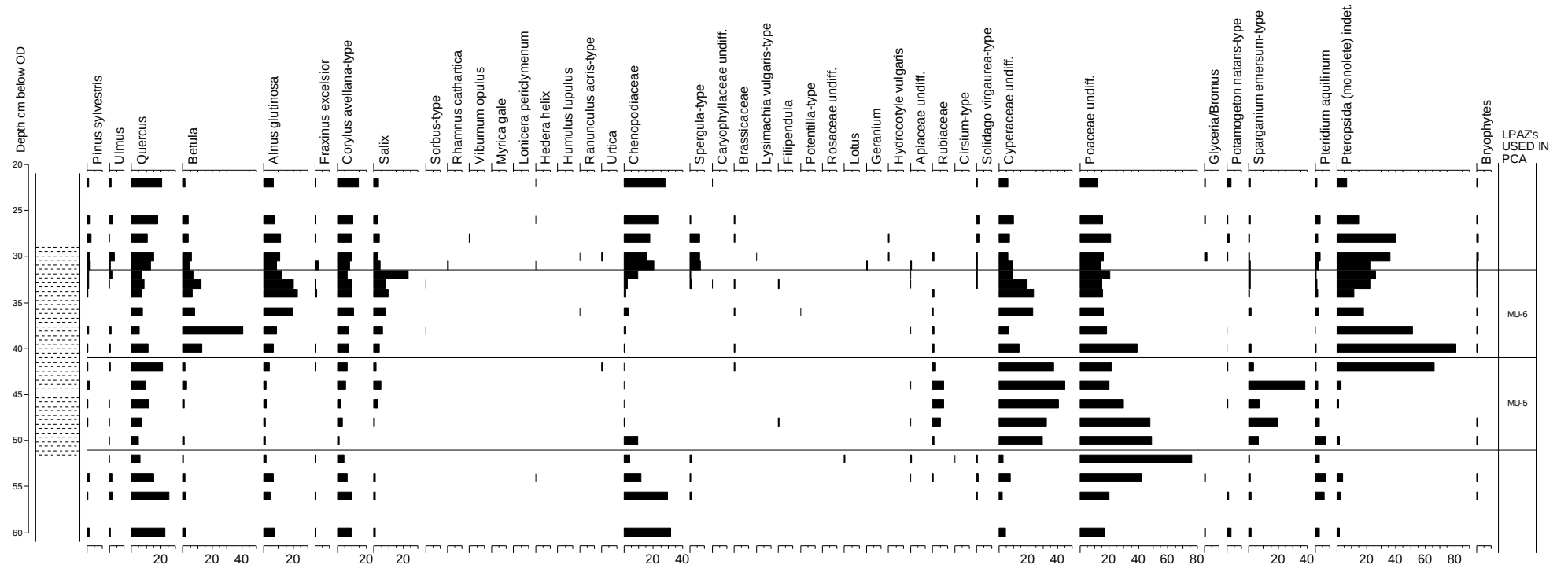
REDMERE



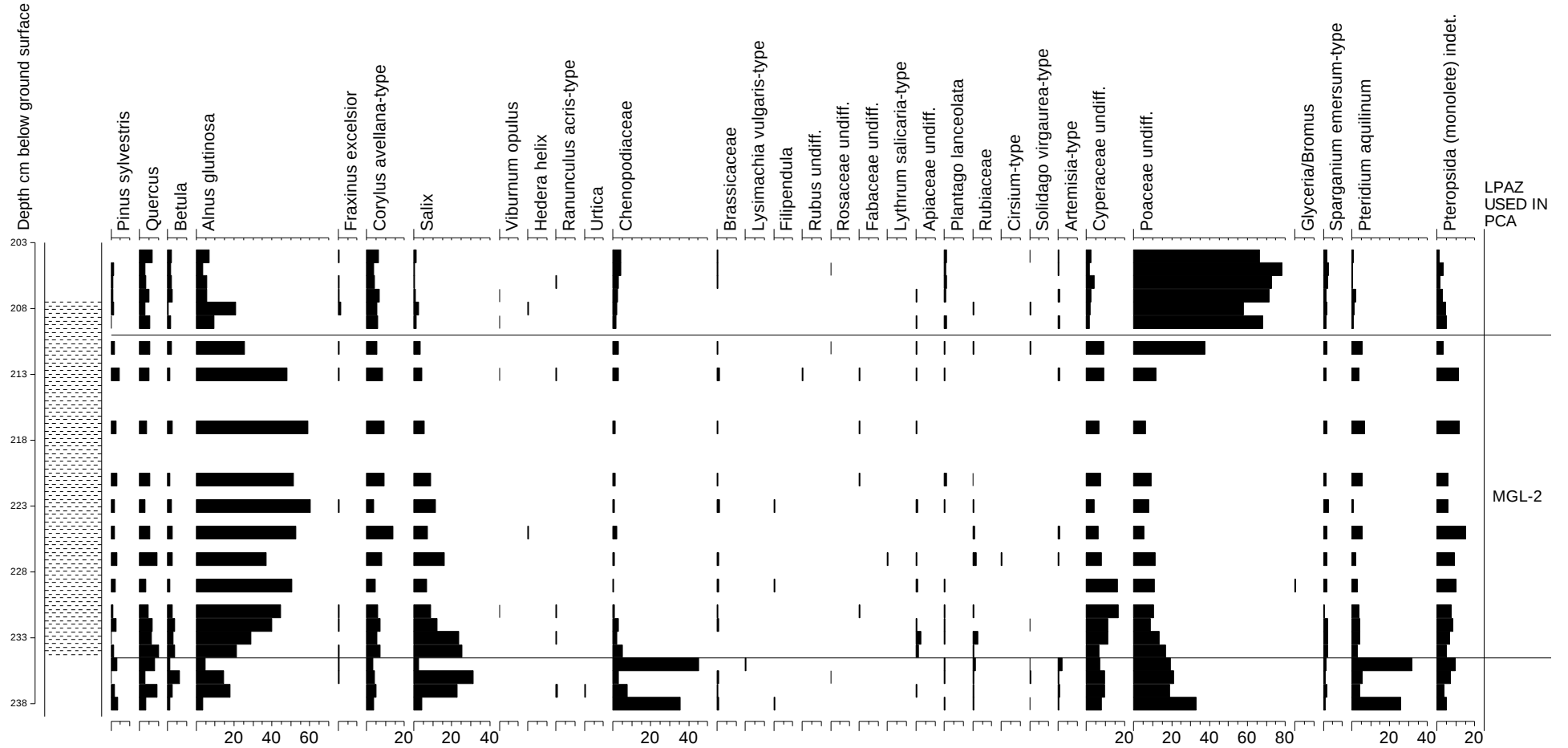
WELNEY WASHES 3rd PEAT



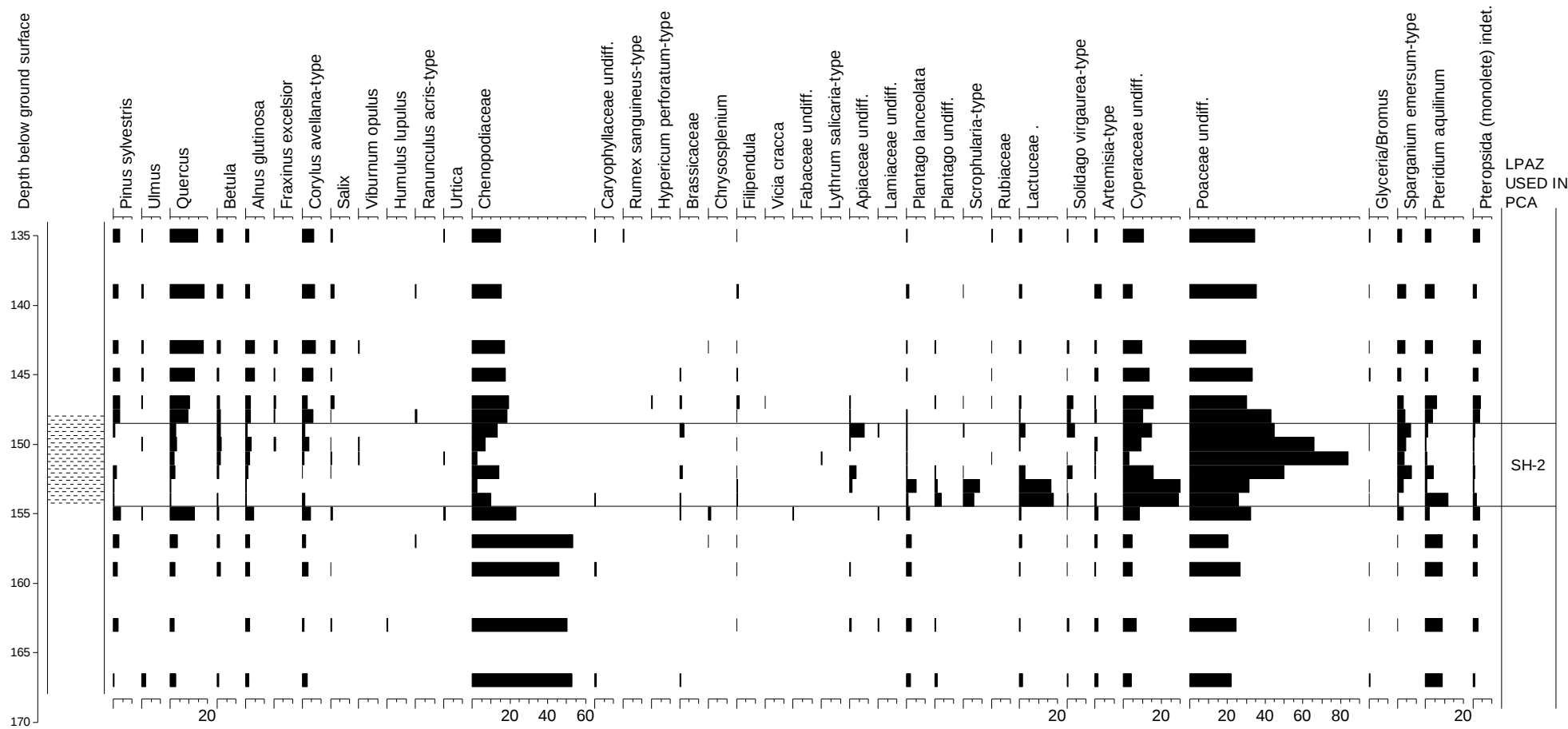
MURROW



MEADOWGATE LANE



SWINESHEAD



WELNEY WASHES 4th PEAT

