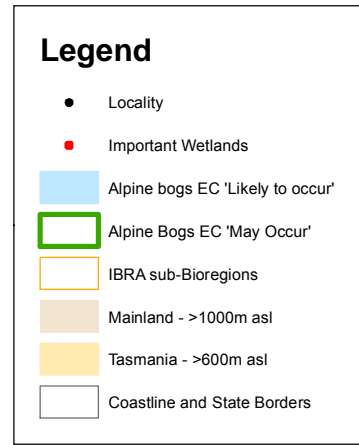


Alpine *Sphagnum* Bogs and Associated Fens Ecological Community



Source:
 'May Occur': follow the IBRA boundaries (AA1, AA2), moving outside to include boundaries of 1000m asl and excluding areas of IBRA SEH14 that are outside altitude criteria.
 For Tasmania, may occur boundary loosely follows IBRA regions (TCH, TSR) and the altitude (600m asl) perimeter.

'Likely to Occur': Maxent modelling used as basis for this category. Using 80% and above of predicted probability that conditions are suitable for the EC. The output was buffered (0.5km), with the Cotter Flats added manually (valley floor site).
 For Tasmania, NVIS source code MSP used and polygons buffered by 0.5km.

Ecological Modelling by Maxent software, version 3.1.0.
 Of the 1235 points, 40% of the data was used for validating and testing modelled outcomes.
 Data used for modelling:
 Surfaces used:
 DEM, 3Sec, (90m res), NASA, 2000, with derived data of curvature, slope, flow drop, flow accumulation.
 Points used:
 Important wetlands (Ginnini Flats, Cotter Source Bog, Kosciusko Alpine Fens, Bogs and Lakes, Caledonia Fen, Cotter Flat, Nuniong Plateau peatland, Rennex Gap, Rotten Swamp, Snowgum Flat, Snowy Flats) and indicator species (*Sphagnum cristatum*, *Sphagnum falcatum*, *Carpha nivicola*, *Baeckea gunniana*, *Richea continentis*) from the SPRAT database.

Kosciusko Alpine Fens, Bogs and lakes include: Blue Lake, Hedley Tarn, Club Lake, Lake Albina and Lake Cootapatamba. All of these entities are unable to be labelled due to map scaling and label congestion.
 Elevation: Areas mapped on the mainland are above 1000m asl and for Tasmania are above 600m asl.
 Elevation, derived from Digital Elevation Model (DEM) 9 sec, (c) AUGLIG, 1996.

Localities, © 2007 MapData Sciences Pty Ltd, PSMA.
 The Alpine *Sphagnum* Bogs and Associated Fens ecological community distribution map is also based on discussions and input from experts.

Caveat:
 The information presented in this map has been provided by a range of groups and agencies. While every effort has been made to ensure accuracy and completeness, no guarantee is given, nor responsibility taken by the Commonwealth for errors or omissions, and the Commonwealth does not accept responsibility in respect of any information or advice given in relation to, or as a consequence of, anything containing herein. The map has been collated from a range of sources, with data at various resolutions. Data used are assumed to be correct as received from the data suppliers.

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This is an indicative map only and it is not intended for fine scale assessment.

