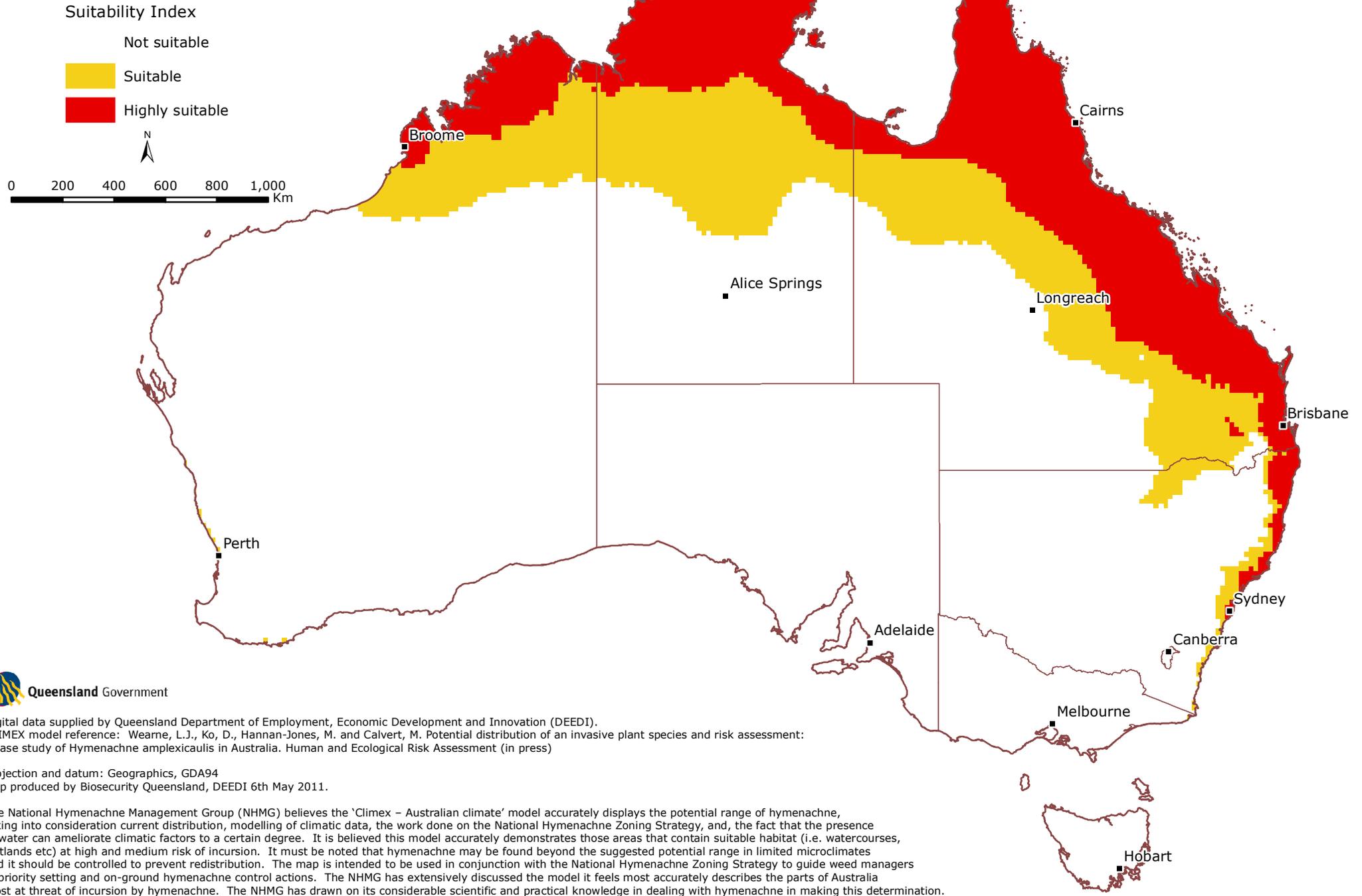


Potential distribution of hymenachne

Hymenachne amplexicaulis



Digital data supplied by Queensland Department of Employment, Economic Development and Innovation (DEEDI).
CLIMEX model reference: Weame, L.J., Ko, D., Hannan-Jones, M. and Calvert, M. Potential distribution of an invasive plant species and risk assessment: a case study of *Hymenachne amplexicaulis* in Australia. Human and Ecological Risk Assessment (in press)

Projection and datum: Geographics, GDA94
Map produced by Biosecurity Queensland, DEEDI 6th May 2011.

The National Hymenachne Management Group (NHMG) believes the 'Climex - Australian climate' model accurately displays the potential range of hymenachne, taking into consideration current distribution, modelling of climatic data, the work done on the National Hymenachne Zoning Strategy, and, the fact that the presence of water can ameliorate climatic factors to a certain degree. It is believed this model accurately demonstrates those areas that contain suitable habitat (i.e. watercourses, wetlands etc) at high and medium risk of incursion. It must be noted that hymenachne may be found beyond the suggested potential range in limited microclimates and it should be controlled to prevent redistribution. The map is intended to be used in conjunction with the National Hymenachne Zoning Strategy to guide weed managers in priority setting and on-ground hymenachne control actions. The NHMG has extensively discussed the model it feels most accurately describes the parts of Australia most at threat of incursion by hymenachne. The NHMG has drawn on its considerable scientific and practical knowledge in dealing with hymenachne in making this determination.