Corrigendum: a decision framework for considering climate change adaptation in biodiversity conservation planning


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A decision framework for considering climate change adaptation in biodiversity conservation.

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During the process of running species through the decision framework, an issue has been encountered for species where New Climate Space is a very long distance from currently occupied areas. In these cases, there is little or no scope to facilitate colonisation by improving habitat connectivity before attempting translocation, which is the order of actions suggested by the original decision tree for New Climate Space areas. Our original motivation was to ensure that higher priority was given to actions that are beneficial to a wide range of species and not just the focal species. However, in cases where there is clearly no way to facilitate colonisation for a focal species by improving habitat connectivity, it makes no sense for the decision framework to promote such actions. Therefore, the original decision tree relating to New Climate Space areas (Fig. 4) has been revised (below) to include an additional question (‘What is the potential to facilitate colonisation by improving habitat connectivity?’), which avoids this eventuality and, in appropriate circumstances where the availability of suitable high quality habitat is high, leads directly to consideration of translocation.
Fig. 4 (revised). Decision tree for *New Climate Space*. Light grey boxes with solid borders indicate questions whose answers lead to different routes through the tree. If the answer to a question is uncertain, then multiple routes should be through the tree simultaneously. Light grey boxes with dashed borders indicate suggested adaptation actions, with relevant additional information in dark grey boxes. The decision tree has been revised to include an additional question box highlighted in red here (see main text for explanation).