



Fig. 1. Fender's blue butterfly habitat west of Eugene, Oregon. (a) Potential wetland and upland routes; (b) existing and potential Fender's blue butterfly patches modelled in FendNet. Numbers correspond to patches on x-axis in Figs 3 and 5. Butterfly occupancy over the past 10 years has included many extinctions and recolonizations; as a result, we have not identified 'occupied' patches on these maps. See Fig. 3 for geometric mean population sizes corresponding to patches in these maps