Catford & Jansson - Drowned, buried and carried away: effects of plant traits on the distribution of native and alien species in riparian ecosystems

Describes 35 plant traits implicated in plant adaptation to riparian environments

“Using community assembly theory, we examine how adaptations to inundation, disturbance and dispersal shape plant community composition along key environmental gradients, and how human actions have modified communities.”

Have cited lots of other Catford papers

M Pollock – have cited “The role of riparian corridors in maintaining regional biodiversity” (Naiman paper which Pollock is on). “Plant species richness in riparian wetlands-a test of biodiversity theory” is worth citing somewhere.

SJ Blanch – mostly about riparian wetlands which are a fairly different system to the systems and assemblages I studied

JS Bechtold – lots about interactions between flow and soil properties, important in the general scheme of things but not directly relevant here

**(K Rogers research group) Van Coller AL; Rogers KH; Heritage GL:** Riparian vegetation-environment relationships: complimentarity of gradients versus patch hierarchy approaches. Journal of Vegetation Science, 2000, 11: 337-350.

Parsons, M., McLoughlin, C.A., Kotschy, K.A., Rogers, K.H. and Rountree M.W. “The effects of extreme floods on the biophysical heterogeneity of river landscapes.” Frontiers in Ecology and Environmental. Frontiers in Ecology and the Environment 2005 3: 487-494.

Puckeridge “Flow variability and the ecology of large rivers” – about fish, not relevant. Hydrological analysis superceded by studies such as Kennard 2010, which is also more relevant to Australian systems

Lake 2000 “Disturbance, patchiness, and diversity in streams” – worth citing in introducing how streamflows can create heterogeneity through disturbance, esp. in Ch4

Greet – I cite Greet in Ch3 and Ch4

KF Walker – historical context on ecological effects of flow regulation in Aus “Environmental effects of flow regulation on the lower river Murray, Australia”, worth citing in Ch4

Kominoski 2013 – I cite “Forecasting functional implications of global changes in riparian plant communities” in Ch1 (intro)

J Roberts – some work is somewhat related but not specifically relevant

S Capon has been cited but “Flood variability and spatial variation in plant community composition and structure on a large arid floodplain” (Journal of Arid Environments 2004) appears to also be relevant. May be useful in Ch4 although large arid floodplains are a substantially different system to riparian zones associated with subtropical streams and small rivers.

Campbell – a number of Campbells appear to publish in riparian ecology and it is unclear to which Campbell the examiner is referring.