Appendix 1. HUCs (2-digit and 4-digit) of particular interest in the evaluation of biota transfers between Missouri River and Red River basins. Not all subregions are listed for each region, but these subregions represent those most closely associated (spatially) with geographic locations likely serving as routes of entry (see http://water.usgs.gov/GIS/huc.html; NRC 1999).

Region	Subregion	Name or comment
Region 09		Souris-Red-Rainy basin
	Subregion 0901	Subregion includes the Souris River basin within North Dakota
	Subregion 0902	Subregion includes Red River basin within Minnesota, North Dakota, and South Dakota (including the closed basin of Devils Lake)
Region 10		Missouri River basin includes the drainage of the Missouri River basin, the Saskatchewan River basin (into Lake Winnipeg), and several small closed basins within the area
	Subregion 1003	Missouri-Marias subregion consists of the Missouri River basin below the confluence of the Gallatin, Jefferson, and Madison River basins to and including the Marias River basin of Montana
	Subregion 1006	Missouri-Poplar subregion covers the drainage from Fort Peck Dam to the confluence with the Yellowstone River basin in western Montana
	Subregion 1011	Missouri-Little Missouri subregion occurs below the confluence with Yellowstone River basin and extends to Garrison Dam, including Lake Sakakawea
	Subregion 1012	Sheyenne River subregion occurs above the normal operating pool of Lake Oahe and includes drainage in Montana, Nebraska, South Dakota, Wyoming
	Subregion 1013	Missouri-Oahe subregion of North Dakota and South Dakota includes the Missouri River basin from Garrison Dam to Oahe Dam, excluding the Sheyenne River basin above the normal operating pool of Lake Oahe
	Subregion 1014	Missouri-White subregion includes the basin from Oahe Dam to Fort Randall Dam within South Dakota and Nebraska
	Subregion 1015	Subregion includes Niobrara River basin and Ponca Creek basin of Nebraska, South Dakota, and Wyoming

Region	Subregion	Name or comment
	Subregion 1016	Subregion includes James River basin of North Dakota and South Dakota
	Subregion 1017	Subregion includes Missouri-Big Sioux basin (Missouri River basin from Fort Randall Dam to and including the Big Sioux River basin, but excluding the Ponca Creek, Niobrara River, and James River basins which includes portions of Iowa, Minnesota, Nebraska, South Dakota)
	Subregion 1018	Subregion includes North Platte River basin of Colorado, Nebraska, Wyoming
	Subregion 1019	Subregion includes South Platte River basin of Colorado, Nebraska, Wyoming
	Subregion 1020	Subregion includes Platte River basin below the confluence of the North and South Platte River basins, excluding the Elkhorn and Loup River Basins of Nebraska
	Subregion 1021	Subregion includes Loup River basin of Nebraska
	Subregion 1022	Subregion includes Elkhorn River basin of Nebraska
	Subregion 1023	Missouri-Little Sioux subregion which in Minnesota, Iowa, and Nebrasks and occupies the Missouri River basin below the confluence with the Big Sioux River basin to the confluence with the Platte River basin
	Subregion 1024	Missouri-Nishnabotna subregion of Iowa, Kansas, Missouri, and Nebraska which occurs below the confluence with the Platte River Basin to the confluence with the Kansas River Basin
	Subregion 1025	Republican River Basin of Colorado, Kansas, Nebraska
	Subregion 1026	Smoky Hill River Basin of Colorado and Kansas
	Subregion 1027	Kansas River basin of Kansas, Nebraska, and Missouri, excluding the Republican and Smoky Hill River basins
	Subregion 1028	Chariton, Grand, and Little Chariton River basins of Iowa and Missouri
	Subregion 1029	Gasconade-Osage subregion, which includes the Gasconade and Osage River basins of Kansas and Missouri
	Subregion 1030	Lower Missouri River basin which occurs in Kansas and Missouri below the confluence with the Kansas River Basin to the confluence with the Mississippi River, excluding the Chariton, Gasconade, Grand, and Osage River basins

Appendix 2. Aquatic ecoregions of North America (after Abell *et al*., 2000). HUCs identified in Figure 2 are defined hydrologically and spatially linked to ecoregions based on aquatic resources as detailed in (Abell, et al. 2000) where 2-digits HUCs of particular concern to this analysis (HUC 10 and HUC 09) occur within aquatic ecoregions identified as Mississippi (24), Upper Missouri (26), Middle Missouri (27), and English-Winnipeg Lakes (52).

LEGEND
∧ Ecoregion Boundaries
∧ Rivers