

**Appendix 1 | Regional studies selected for continental comparisons**

	<b>Species</b>	<b>Demographic measure</b>	<b>Directional effect of noise</b>	
<sup>1</sup> Bayne et al. 2008, <i>Conservation Biology</i>	Ovenbird	Abundance	None	
	Red-Eyed Vireo	Abundance	Negative	
	Tennessee Warbler	Abundance	None	
	White-Throated Sparrow	Abundance	Negative	
	Yellow-rumped Warbler	Abundance	Negative	
<sup>2</sup> Dietz et al. 2013, <i>The Wilson Journal of Ornithology</i>	White-crowned Sparrow	Productivity	Negative	
	Bobolink	Abundance, Productivity	Negative	
<sup>3</sup> Forman et al. 2002, <i>Environmental Management</i>	Eastern Meadow Lark	Abundance, Productivity	Negative	
	Gray Flycatcher	Abundance, Productivity	Negative, Postive	
<sup>4</sup> Francis et al. 2011, <i>Landscape Ecology</i>	Western Scrub-Jay	Abundance	Negative	
	Black-headed Grosbeak	Abundance, Productivity	Negative	
<sup>5</sup> Francis et al. 2011, <i>PloS One</i>	Black-Chinned Hummingbird	Abundance, Productivity	Positive	
	Bushtit	Abundance, Productivity	Positive	
	Chipping Sparrow	Abundance, Productivity	Neutral	
	House Finch	Abundance, Productivity	Positive	
	Mourning Dove	Abundance, Productivity	Negative	
	Western Tanager	Abundance, Productivity	Negative	
	<sup>6</sup> Goodwin and Shriver 2011, <i>Conservation Biology</i>	Acadian Flycatcher	Abundance	None
		Carolina Wren	Abundance	None
		Great Crested Flycatcher	Abundance	None
		Ovenbird	Abundance	None
Scarlet Tanager		Abundance	None	
White Breasted Nuthatch		Abundance	Negative	
Wood Thrush		Abundance	None	
Yellow-Billed Cuckoo		Abundance	Negative	
<sup>7</sup> Kight and Swaddle 2012, <i>Ecological Applications</i>		Eastern Bluebird	Productivity	Negative
		Golden-Cheeked Warbler	Productivity	None
<sup>8</sup> Lackey et al, 2012, <i>Ornithological Monographs</i>	American Robin	Abundance	Negative	
	Cassin's Finch	Abundance	Positive	
<sup>9</sup> McClure et al. 2013, <i>Proceedings of the Royal Society B</i>	Cassin's Vireo	Abundance	Negative	
	Cedar Waxwing	Abundance	Negative	
	Chipping Sparrow	Abundance	Negative	
	Dark-eyed Junco	Abundance	Neutral	
	Dusky Flycatcher	Abundance	Negative	
	Evening Grosbeak	Abundance	Neutral	
	Golden Crowned Kinglet	Abundance	Neutral	
	Lazuli Bunting	Abundance	Neutral	
	Macgillivray's Warbler	Abundance	Neutral	
	Mountain Chickadee	Abundance	Negative	
	Pine Sisken	Abundance	Neutral	
	Red-Breasted Nuthatch	Abundance	Negative	
	Ruby-Crowned Kinglet	Abundance	Negative	
	Spotted Towhee	Abundance	Negative	
	Townsend's Solitaire	Abundance	Neutral	
	Townsend's Warbler	Abundance	Negative	
	Western Tanager	Abundance	Negative	
	White-crowned Sparrow	Abundance	Neutral	
Yellow Warbler	Abundance	Negative		
Yellow-rumped Warbler	Abundance	Neutral		
<sup>10</sup> Meillere et al. 2015, <i>Biology Letters</i>	House Sparrow	Productivity	None	
	Western Bluebird	Productivity	None	
<sup>11</sup> Mulholland 2016 - Dissertation Cal Poly	Ash-throated Flycatcher	Productivity	Negative	
	Black-capped Chickadee	Abundance	None	
<sup>12</sup> Proppe et al. 2013, <i>Global Change Biology Appen</i>	Least Flycatcher	Abundance	Negative	
	Red-Breasted Nuthatch	Abundance	Negative	
	Red-Eyed Vireo	Abundance	None	
	Western Tanager	Abundance	Negative	
	White-Throated Sparrow	Abundance	None	
	Yellow Warbler	Abundance	None	
	House Sparrow	Productivity	Negative	
<sup>13</sup> Schroeder et al. 2012, <i>PloS One</i>	House Sparrow	Productivity	Negative	

† Superscripts correspond with notations in Table 1