Streaked Horned Lark DRAFT Action Plan for Washington, Oregon, and BC - - September 2008

Strategic Action		Tasks Synopsis	State, Province	Priority	Implementing Party	Implementation Schedule (In Thousands or Staff Bio Days)											
						2009			2010			2011			2012		
Priority	Action					Resource needed	Resource secured	Resource requested	Resource needed	Resource secured	Resource requested	Resource needed	Resource secured	Resource requested	Resource needed	Resource secured	Resource requested
1	Determine population status, current distribution and limiting factors	**1.1** Finalize a standarized range-wide monitoring protocol	OR, WA	6	OSU. WDFW												
		1.2 Conduct annual range-wide survey and monitoring during the breeding season	OR, WA	6	OSU, WDFW												
		1.3 Potential new sites to survey: Chehalis coal mine, Mt. St. Helens blast zone and pumice plain, Rogue River valley, Roger's Washington townships	OR, WA														
		1.4 Identify important habitat features															
		1.4.1 Determine the effect of habitat parameters on nest success in the Willamette Valley - 2007 complete, continue	OR	5	OSU			35									
		1.4.2 Determine attributes of high quality winter habitat, including diet - need more complete data set	OR, WA	7	WDFW, OSU												
		1.4.3 Determine attributes of high quality breeding habitat on dredge materials islands, focusing on understanding the effects of vegetative succession	OR, WA	4	WDFW, TNC												
		1.5 Identify threats to population viability															
		1.5.1 Determine whether contaminants are limiting hatchability of eggs or survival of nestlings	OR, WA		WDFW, OSU, USFWS, TNC												
		1.5.2 Examine genetic variability and population structuring	OR, WA														
		1.5.3 Evaluate the role of disturbance (e.g., predation, recreation, industrial uses) in nest failure	OR, WA	11	WDFW, OSU												
		1.5.4 Determine other factors limiting juvenile and adult survivorship	OR, WA		WDFW, ODFW, OSU												
		1.5.5 Determine factors limiting reproductive success in Willamette Valley	OR														
2	Protect existing populations and habitats	**2.1** Protect existing populations per available means															
		2.1.1 Develop easements or agreements to protect existing populations	OR, WA	1	USFWS, Private land trusts												
		2.1.2 Develop land protection prioritization scheme	OR, WA		ODFW, USFWS, WDFW, TNC												
		2.1.3 Identify exsisting jurisdictional authority and apply all jurisdictional codes to protect habitat	OR, WA		ODFW, WDFW												
		2.2 Protect populations and habitats															
		2.2.1 Corvallis Airport	OR		IAE, OSU, City of Corvallis												
		2.2.2 Multnomah County	OR	4	OSU, Portland Metro, USFWS												

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2	Protect existing populations and habitats	**2.2.3** Willamette Valley NWRs	OR		USFWS NWR												
		2.2.4 Puget Sound	WA														
		2.2.5 South Puget Sound regional airports	WA														
		2.3 Address identified threats range-wide: Initiate protection measures, reduce predator impacts, redirect recreation	OR, WA	4	OSU, WDFW, USFWS Refuges, TNC, Ft. Lewis												
		2.3.1 Implement nest exclosures range-wide, coordinate and use experimental approach	OR	2	TNC, Ft. Lewis, WDFW, ODFW, OSU												
3	Enhance viability of extant populations and habitats	**2.1** Enhance existing habitat and increase amount of available habitat in the Willamette Valley															
		2.1.1 Develop management prescriptions to create breeding habitat and winter habitat in agricultural matrix	OR	3	OSU, USFWS, NWR												
		2.1.2 Implement habitat restoration activities on breeding and wintering grounds	OR	3	NRCS, Private, Refuges, USFWS												
		2.1.2.1 Baskett Slough NWR #1	OR														
		2.1.2.2 Corvallis Airport #2	OR														
		2.1.2.3 Finley NWR #3	OR														
		2.1.2.4 PDX	OR														
		2.1.2.5 Multnomah County	OR														
		2.1.3 Implement habitat restoration on private lands through existing incentive programs such as CRP and WRP and GRP	OR		NRCS												
		2.2 Attract birds to areas outside the airport runways through habitat management	OR, WA		OSU, WDFW												
		2.3 Columbia River and Coast															
		2.3.1 Develop strategy to control invasive beach grass	OR, WA	10													
		2.3.2 Develop winter habitat management prescription	OR, WA	10													
		2.3.3 Implement habitat restoration activities on breeding and wintering grounds	OR, WA	3													
		2.3.4 Work with Corps to develop CCA or other agreements to address habitat issues	OR, WA	4	TNC												

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3	Enhance viability of extant populations and habitats	**2.3.5** (Coast) Bulldoze beach grass (use Ledbetter plover restoration HRA as demo project) -ongoing	WA														
		2.4 South Puget Sound habitat restoration															
		2.4.1 Implement prescribed fire program	WA	3	TNC, Ft. Lewis												
		2.4.2 Continue control measures to address invasive weeds on breeding grounds. Focusing on invasives that change the structure of the habitat - ongoing	OR, WA	9	TNC												
		2.5 Evaluate feasibility of population augmentation or reintroduction	OR, WA		WDFW, OSU												
4	Education and outreach	**3.1** Develop education and outreach for landowners, particularly for degraded ag land	OR, WA		ODFW, TNC												
		3.2 Encourage federal & state agencies to promote incentive programs	OR, WA		WDFW, FWS												
		3.3 Develop outreach materials on habitat management and restoration for land managers	OR, WA														
		3.4 Develop outreach programs for additional partners, promoting regional recovery and habitat management	OR, WA														