Streaked Horned Lark DRAFT Action Plan for Washington, Oregon, and BC - - 16 September 2010

Strategic Action		Tasks Synopsis	State, Province	Priority	Implementing Party	Implementation Schedule						
						2011 2012						
						Resource needed	Resource secured	Resource requested	Resource needed	Resource secured	Resource requested	
1	factors	1.1 Finalize a standardized range-wide monitoring protocol that includes comparable survey protocol for occupied sites that addresses abundance, spatial distribution, reproductive success, wintering populations and unoccupied sites	OR, WA	9	monitoring sub-committee							
	iting	1.2 Conduct annual monitoring at occupied sites	OR, WA									
	current distribution and limiting factors	1.3 Survey new and historic sites. Potentials: Chehalis coal mine, Mt. St. Helens blast zone and pumice plain, Rogue River valley, Roger's Washington townships, Tualatin FWS Refuge, Ridgefield FWS Refuge, OR Coast, Cowlitz River, Port of Longview industrial area & coast, Regional airports	OR, WA		Cat and Jeff will talk to Tualatin. Scott will talk to Snowy Plover folks, Randy will provide longview deposition sites							
	l ij	1.4 Identify important habitat features										
	distrib	1.4.1 Determine the effect of habitat parameters on nest success in the Willamette Valley - 2008-10 complete, continue and include private working lands, synthesize with WA data	OR	4	OSU							
	ent	1.4.2 Determine attributes of high quality winter habitat, including diet - need complete data set	OR, WA	*	WDFW, OSU							
	l ä	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							
	on st	1.5.2 Examine genetic variability and population structuring	OR, WA									
	pulatio	1.5.3 Evaluate the role of disturbance (e.g., predation, recreation, industrial uses) in nest failure	OR, WA	16	WDFW, OSU							
	e bo	1.5.4 Determine other factors limiting juvenile and adult survivorship	OR, WA	3	WDFW, ODFW, OSU, TNC							
	Determine population status,	1.5.5 Evaluate appropriateness off egg-swapping between OR and WA	OR, WA	5	WDFW, ODFW, OSU							
		1.5.5 Determine factors limiting reproductive success in Willamette Valley	OR									
		2.1 Secure protection commitment on core occupied sites, e.g. management plans, CCA(A), mowing regime change, prescribed fire	OR, WA	1								
2		2.1.1 Range-wide Airports - Corvallis, PDX, South Sound	OR		IAE, OSU, City of Corvallis, FWS							
		2.1.2 MDAC in south Willamette Valley - evaluate if core site?	OR		OSU, Portland Metro, USFWS							
		2.1.3 Columbia River Islands - CCA with Army Corps, CCP at JBH complete	OR, WA		TNC, USACE, FWS							
	tat	2.1.4 Willamette Valley NWRs - CCP complete, mgmt plan in process	OR		USFWS NWR							
	łabi	2.1.5 Joint Base Lewis-McChord	WA		TNC, Fort Lewis / McChord							
	<u> </u>	2.1.6 Washington Coast	WA		FWS							
	sat	2.1.7 Rivergate	OR									
	ation	2.2 Develop land protection prioritization scheme - in process in WA & for Ag land in OR	OR, WA		ODFW, FWS, WDFW, TNC							
	Indo	2.3 Support FWS WV land protection plan inclusive of measures to benefit streaked horned larks when opportunity available	OR		FWS							
	Protect Existing Populations and Habitat	2.4 Identify and prioritize targets for land protection to benefit larks in WV (e.g. WA model).	OR									
		2.4 Identify exsisting jurisdictional authority and apply all jurisdictional codes to protect habitat	OR, WA		subgroup?							
		2.5 Address identified threats range-wide: Initiate protection measures, reduce predator impacts, redirect recreation, airport disturbance	OR, WA		OSU, WDFW, FWS Refuges, TNC, Ft. Lewis							
	Ţ	2.5.1 Redirect incompatible land uses, e.g. McChord rodeo, dog trials, model airplane use	OR, WA		OSU, WDFW, FWS Refuges, TNC,							
		2.5.2 Evaluate the use of nest exclosures range-wide - analysis underway	OR	*	TNC, Ft. Lewis, WDFW, ODFW, OSU							
		2.5.3 Investigate the level of mortality at specific airports and if warrented reduce the risk of airstrike	OR, WA	,								
		2.5.4 Determine role of climate change to streaked horned lark conservation decision making, e.g. northward expansion of prairie habitat	OR, WA									

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	Enhance viability of extant populations and habitats	3.1 Enhance existing habitat and increase amount of available habitat in the Willamette Valley	OR									
		3.1.1 Develop management prescriptions to create breeding habitat and winter habitat in agricultural matrix (e.g. Finely Refuge)	OR	6	OSU, USFWS, NWR, NRCS							
		3.1.2 Implement habitat restoration activities on breeding and wintering grounds e.g. Corvallis Airport, Basket Slough, Finley, PDX	OR	10	NRCS, Private, Refuges, USFWS							
		3.1.3 Implement habitat resotraiton activits on ucoccupied sites wihtinh the breeding and wintereing range e.g. St. John's Landfill, Sauvie, Gov't island	OR	14	City of Porland, Portland Metro, OSU, USFWS							
		3.1.4 Implement habitat restoration on private lands through existing incentive programs such as CRP and WRP and GRP	OR		NRCS							
	ıs and	3.1.5 Develop strategy for compatible airport and lark use, develop management guidelines specific to airports.	OR, WA		TNC							
	atior	3.2 Attract birds to areas outside the airport runways through habitat management	OR, WA		OSU, WDFW							
	Indo	3.3 Columbia River and Coast habitat restoration										
3	ant p	3.3.1 Implement strategy to control invasive beach grass and equisitum on islands	OR, WA	8								
	f exta	3.3.2 Develop winter habitat management prescription	OR, WA	*								
	bility o	3.3.3 Develop habitat restoration activities on breeding and wintering grounds - 2009 complete, continue in 2010	OR, WA									
	e via	3.3.4 Implement habitat restoration activities on breeding and wintering grounds	OR, WA	2	FWS, WDFW, WSP, ACOE, TNC							
	nhanc	3.3.6 (Coast) Bulldoze beach grass (use Ledbetter plover restoration HRA as demo project) -ongoing			FWS, WDFW, WSP							
	ū	3.3.7 Direct dredge material deposition to systematically create lark habitat	OR, WA	7	TNC, FWS, ACOE							
		3.4 South Puget Sound habitat restoration										
		3.4.1 Implement prescribed fire program	WA	12	TNC, Ft. Lewis							
		3.4.2 Continue control measures to address invasive weeds on breeding grounds with limited negative impact to larks. Focusing on invasives that change the structure of the habitat - ongoing	OR, WA	11	TNC							
		3.5 Evaluate appropiatness and feasibility of population augmentation, relocation or reintroduction	OR, WA	13	WDFW, OSU							
		4.1 Conduct larks and airports workshop series - in process	OR, WA		airport subcommittee							
		4.2 Maintain working group and coordination	OR, WA	15	TNC, FWS							
	ıtreach	4.2.1 Develop STHL informational webpage	OR, WA									
	Education and outre	4.3 Develop education and outreach materials	OR, WA									
4		4.3.1 Conduct private landowner and farm bureau field visit / lark workshop	OR									
		4.3.2 Develop materials for private land owners, particulalry for degraded ag land	OR, WA									
		4.3.3 Develop materials on habitat management and restoration for land managers	OR,									
		4.3.4 Develop outreach programs for additional partners, promoting regional recovery and habitat management	WA OR, WA									
		4.4 Encourage federal & state agencies to promote incentive programs	OR, WA		WDFW, FWS							