

Taylor's checkerspot butterfly Action Plan

Strategic Action	Task	Location	Priority	Implementing Party	
1	Protect Occupied Sites	Mimimize Direct Impacts to Occupied Sites			
		Redirect ATV use	Dan Kelly, Eden Valley, Bald Hill	DNR, WDFW	
		Minimize incompatible recreation	Scatter Creek	WDFW	
		Mimimize training impacts and provide fire protection at Fort Lewis	R74/76, R51	*	DOD, FWS, WDFW, TNC
		Pursue conservation easement, acquisition, and/or management plan			
		Finalize voluntary management plans on private land under the guidance of the WDFW & DNR Forest Practices Board.	Bald Hill Pvt Land / Clallam Co. Balds		WDFW, WDNR, FWS, TNC, Weyco
		Pursue acquisition or conservation easement with willing sellers	Bald Hill Pvt Land	*	Weyco
			Clallam Co. Balds	*	WDNR, WDFW
			Denman Island	*	BC Ministry of Env
			Fitton Green	*	Benton County
Dungeness Spit					
Work with BPA to develop management agreement	Scatter Creek		WDFW		
2	Improve / Enhance / Expand Habitat	Coordinate with US Forest Service. Reduce threats and collaborate on enhancing all sites.	Oly Nat'l Forest		USFS, FWS, WDFW
		Control/remove invasive and encroaching species, e.g. Scot's broom, tall oatgrass, sulfur ciquefoil, Doug-fir. -- first priority at occupied sites, then proximate habitat, followed by unoccupied/future reintroduction sites	Bald Hill		WDNR
			Scatter Creek		WDFW
			AIA + 13th Div	*	Fort Lewis
			Benton County	*	Benton County
			Clallam County	*	WDFW, WDNR
			Oly Nat'l Forest	*	
			Denman Island	*	
			Ensure release sites are in suitable condition - south sound		*
		Link restoration efforts to other species at risk			
		Improve connectivity between sites	all non-prairie sites		
		Improve larval and nectar plant materials production, particularly CAHI & PLLA	Range-wide	*	TNC, WDFW, FWS, IAE, Heritage Seedlings, Benton County
		Enhance larval food and nectar plants -- first priority at occupied sites, then proximate habitat, followed by unoccupied/future reintroduction sites	Reintroduction sites - 7s, Glacial, Tenalquot	*	TNC, WDFW, WDNR, Fort Lewis
			Bald Hill	*	WDNR
			Scatter Creek	*	WDFW
AIA + 13th Div	*		Fort Lewis		
Benton County	*		Benton County		
Clallam County	*		WDFW, USFS		
Denman Island	*		BC Ministry of Env		
2	Improve / Enhance / Expand Habitat	Develop management / restoration plans at occupied and unoccupied sites.	Bald Hill		WDNR, USFS, WDFW, Weyco
			Scatter Creek		WDFW
			AIA + 13th Div		Fort Lewis
			Oly Nat'l Forest		
			Benton County		
			Clallam County		WDNR, USFS, WDFW
			Denman Island		

Strategic Action	Task	Location	Priority	Implementing Party
3 Increase Population Sizes and Number of Populations	Continue refining captive rearing, captive mating, and release methodology		*	WDFW, Oregon Zoo
	Develop new or additional facilities for captive rearing		*	USFS, FWS, Xerces, IAE, WDFW, Benton County, Oregon Zoo, TESC, TNC
	Identify potential future release sites -- is the habitat suitable for future dispersal from existing populations or translocation of larvae	All occupied, historic and potential sites		WDFW, DOD, FWS, TNC
	Address potential to augment existing populations -- what are drawbacks?			working group
4 Survey / Monitor	Continue to survey suitable habitat at historic locations. eg. western AIA, Victoria Island, North Olympic Peninsula	All Occupied and historic Sites	*	WDFW, USFS, WDNR, Fort Lewis, USFS
	Survey sites adjacent to and neighboring occupied sites	Benton County	*	
		Oly Nat'l Forest	*	
	Annually monitor all known populations, including translocated populations, and potential habitat that may be selected for translocation	Bald Hill	*	WDFW, WDNR
		Scatter Creek	*	WDFW
		AIA & 13th Div	*	Fort Lewis, WDFW
		Benton County	*	
		Clallam County	*	WDFW, USFS
Denman Island	*	BC Ministry of Env, Raincoast Applied Ecology		
5 Research	Define butterfly habitat selection through research, i.e. oviposition & adult habitat, nectar and larval food plant density, phenology, and spatial arrangement		*	
	Survey habitat vegetation			
	Identify what defines proximate habitat, i.e. what is dispersal distance and barriers to dispersal			
	Conduct genetic and meta-population studies to determine population isolation/diversity			
6 Outreach	Develop outreach material (habitat mngmt guide, TCS brochure)for private landowners with an eye toward habitat enhancement, protection, creating and managing habitat. What makes a suitable reintroduction sites (?)	Throughout range of species		WDFW, TNC, FWS, IAE
	Share information between entities, establish partnerships, and create a working group		*	TNC, WDFW, FWS