

LANDSCAPE LEVEL ACTION TEAM - NOTES FOR BENTON COUNTY CWMA GROUP MEETING

List of Partners Activities from:

- Benton County Natural Areas and Parks; IAE; Marys River WC; OR Dept. of Forestry; ODF; Western Invasives Network; USFS; Weed spotters; ODA; Luckiamute WC; Benton SWCD; OSU; NRCS & GBLT

Here is a preliminary list of areas where more outreach is needed and invasive management projects are currently being implemented in Benton County:

1. Jackson Frazier Watershed – Benton County Natural Areas and Parks (BCNAP), BSWCD, IAE, Mary's River WC, GBLT, NRCS, Audubon Society, Others
 - Issues: false brome in oak habitat, weeds in wetland and surrounding areas, others?
2. Luckiamute River/ Kings Valley – Luckiamute WC, GBLT, landowners, others
 - Issues: Outreach needed to landowners not on the Luckiamute River about J. knotweed and meadow knapweed; outreach to landowners bordering conservation easements
3. Finely Refuge – ODFW, IAE, Audubon Society, BSWCD, others
 - Issues: road vectors and infested right-of-ways, need to remove Scotch broom on Bellfountain Rd.; need buffer on Hwy 99; outreach to surrounding landowners & recreationists about weed issues.
4. Bald Hill/Bald Hill Farms – GBLT, BCNAP, IAE, BSWCD, landowners, others
 - Issues: Outreach to surrounding landowners; road and trail vectors; outreach to recreationists
5. Cardwell Hills/Fitton Green – BCNAP, GBLT, others
 - Issues: Outreach to community & surrounding landowners about weeds; weed control along road and trail systems.
6. Willamette River – BSWCD, OR State Parks, Calapooia WC, GBLT, OSU, landowners, River Keepers, BCNAP, McKenzie River Trust, ODFW, Santiam WC, Long Tom WC, many others
 - Issues: Outreach to landowners on the river & recreationists about weeds; reduce seed sources to reduce spread through water movement
7. Mary's Peak – Mary's Peak Stewardship Group, USFS, Sierra Club, Starker Forest Inc., others
 - Issues: weeds spread along roads, trails and powerlines; multi-use including recreation, timber harvest, road maintenance; can all contribute to spread of weeds.

There are many other areas where projects are being implemented; this is just an initial list.

Species Specific Strategy:

Do we need a focused strategy on most significant invasive threats across a broad landscape? For example focus on weeds we have a chance of controlling such as knotweed, water primrose, spurge laurel, clematis, EDRR species.

WMC Highlights

- Completed assessment of riparian lands between Corvallis and Albany
- Planning to apply for OSWB funds for Ludwigia work on the mainstem
- Meeting in Dec. for stakeholders on the Willamette River

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Next Steps

- Send out poll for next meeting.
- Current members are Tom Kaye, Seema Mangla, Laurie Starha, Glenn Miller & Heath.
- If anyone else is interested in joining our team, or know of someone else please let me know.

On the Ground Activity Codes

Inventory & monitoring of invasive species including data collection, mapping and reporting

Removal of invasives- chemical, mechanical, cultural or manual

Restoration activities including planting and seeding

Education & Outreach Activity Codes

One on one outreach-conservation site visit, weed inventory, etc

Workshops- neighborhood meetings, volunteer trainings, etc

Media blasts (radio, newspaper, billboard, signs); describe in Activity column

Other - Please specify

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Code(s)	Activity/Project Name	Responsible	Location	Partners	Target Audience	Size or Participant #	Species	Date(s)	Cost
2	Mowing, shear, pile, burn, seeding, and spray; Project name HCP and Owens/ J.F. SWG	Benton Co. Natural Areas and Parks (BCNAP)	HCP Mitigation site, Crisp/Liddell	Staff and Contract		18 A.	Blackberry, Scotch Br., Firs, R.C. Grass, Rose, Trees/shrubs, f. brome	June-Oct.	Estimated cost \$20,300;
4,5	Activities to support rare habitat function and Habitat Restoration Issues managing T & E species	Benton Co. Natural Areas and Parks (BCNAP)	Benton County	HCP Cooperators, GLT, Sierra Club, Leadership Corvallis, Extension, Natural Areas Appreciation Week, SWCD, IAE	B. county private landowners and residents & public agencies	110	Multiple	Varied as necessary	\$3,600
2	Spray; Project Name: HCP	BCNAP	Beazell	Contract		90 A.	Thistle, F. brome, Scotch br., Tall Grass	April-May	Estimated cost \$5,900;
2	Spray, burn, pulling; Multi-State SWG	BCNAP	Fitton Green	Contract, ODF, Vol. CWC		28 A.	Shrubs, f. brome, grass/shrubs, Scotch br.	May, July, Sept., Nov.-Feb.	Estimated cost \$8,000;
2	Cut; multi-state SWG	BCNAP	Jackson Frazier	Vol. CWC		15 A.	R.C. Grass	July	Estimated cost \$200;
4	Evergreen Riparian Stewards	Institute for Applied Ecology (IAE)	Jackson Frazier Wetland	MRWC, Corvallis Audubon - Cheldelin School -biology club	students	150 students, 1 teacher, 4 volunteers, 3 staff	native species	March and April 2013	
4	Evergreen Riparian Stewards -	IAE	Evergreen property, Philomath	MRWC, Corvallis Audubon - Muddy Creek, Kings Valley, Waldorf Schools, Philomath MS	students	150 students, 8 teachers, 15 volunteers, 3 staff	site monitoring of species listed in comments	Feb. and May 2013	

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4	climate change studies/Spirit Mtn Climate Change studies.	IAE	OSU Hyslop Farm	South Albany High School, Albany	students	9 students, 2 teachers, 4 staff	monitoring Kincaids Lupine	April and May 2013	
1,2	Survey, gps marking, and chemical treatment; Greasy & Woods Creek Knotweed Control	Marys River Watershed Council	Greasy Cr.	Coast Range Stewardship Program and private landowners		12.5 mi. stream, both sides	J. knotweed	20-21 Aug., 17-21 Sept.	\$5,500 estimated cost
1,2	Chemical treatment and Survey, gps marking; Greasy & Woods Creek Knotweed Control	Marys River Watershed Council	Woods Cr.	Coast Range Stewardship Program		6 miles, both sides, but minimal patches remaining	J. knotweed	1-30 Sept., 2013	\$950
2	Chemical treatment, mowing, grazing, hand pulling; Wren Nectar Network	Marys River Watershed Council	Wren	OWEB, USFWS, Willamette Habitat Restoration, volunteers (SWCD Weed Spotters? NYC?)		57 acres	non-native grasses (false brome, tall oat grass, tall fescue, etc.), Scotch broom	Apr, June-July, Oct-Nov	\$5,000
2,4	Volunteer mechanical invasive removal/Outreach	Marys River Watershed Council	Marys River	Corvallis P&R with volunteers			English ivy	2-3yrs	\$100
1	Invasives removal/Evergreen: Student Riparian Stewards	Marys River Watershed Council	Evergreen Cr.	GBLT, IAE, Corvallis Audubon, Kings Valley Ch. School, Muddy Creek Ch. School, Corvallis Waldorf School		1 acre	Himalayan BB, English hawthorn, cut leaf BB	Oct. 3,5	\$700

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5	In-class presentations and on-site instruction/Evergreen: Student Riparian Stewards	Marys River Watershed Council		GBLT, IAE, Corvallis Audubon, Kings Valley Ch. School, Muddy Creek CS, Corvallis Waldorf School	students, teachers, volunteers	135	Himalayan BB, English hawthorn, cut leaf BB, reed canarygrass, creeping bentgrass, velvet grass, birdsfoot trefoil, tall fescue, Canada thistle, Curly dock	Sept, Oct.	\$300
1,2	Hand pulling, Monitoring known sites, recording new sites, inputting info into ODF database/(ARRA Grant \$)	OR Department of Forestry	State Forests	none		3000 acres	all invasives; pulling S. broom	Sept.-Nov. 2012	\$3,500
8	Weed-of-the-Month presentation/State Forests	ODF		none	ODF District employees	15	all plant invasives	once/month	NA
8	Assistance with setting up CWMA, creating committees, service on planning committee	Western Invasives Network		All CWMA partners	Benton County residents	varies	All on weeds of concern and EDRR lists	ongoing	\$40/hr
2	chemical & mechanical; habitat restoration projects	U.S. Fish and Wildlife Service	10 sites on non-federal lands	IAE		235 acres	Meadow knapweed, False Brome, Scotch broom, Reed canarygrass, Canada thistle, bull thistle, teasel, tansy ragwort, blackberry	various	\$21,500

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1	chemical & mechanical; refuge programs, habitat restoration/management	U.S. Fish and Wildlife Service	Willamette Valley NWR Complex	IAE		10,000 acres	Meadow knapweed, False Brome, Scotch broom, Reed canarygrass, Canada thistle, bull thistle, teasel, tansy ragwort, blackberry	various	\$25,000
2	manual and mechanical; habitat restoration projects	U.S. Fish and Wildlife Service; Friends of WVNWR, and Various student groups	Willamette Valley NWR Complex	OSU, BSWCD			English ivy, Scotch broom	various	\$2,000
1	GPS, data collection, mapping; habitat restoration projects	U.S. Fish and Wildlife Service; Monroe Teen Weed Spotters	Willamette Valley NWR Complex	BSWCD, IAE		20 A.	False Brome	various	Complete
2	Treatment of "A" rated weeds	Oregon Department of Agriculture	County-wide				"A" rated weeds	2013	variable
5	Education, workshops	Oregon Department of Agriculture	Corvallis		Garden club, small land ownership workshops		multi	2013	priceless
5	Host weed workshops to local groups, such as Master Gardeners	Western Invasives Network	Benton County general area	Benton SWCD & CWMA partners	Public	N/A	all invasives	Ongoing	N/A
2	Chemical Control/Model Watershed Program	Luckiamute Watershed Council	Kings Valley		landowners	15 River Miles	Japanese knotweed (Fallopia japonica)	July - Oct. 2013	\$15,000