From: McDonald, Kelsey@Wildlife
To: Johnson, Cliff
Cc: Rian, Kathryn(Katie)@Wildlife; Van Hattem, Michael@Wildlife; Jason Ramos; ted@wiyot.us; Jacob Pounds; Melanie McCavour; THPO Bear River Band; Kraemer, Melissa@Coastal; Levine, Joshua@Coastal; Van Hattem, Michael@Wildlife; O"connell, Gregory@Wildlife
Subject: Walker Point Plant Species
Date: Monday, April 17, 2023 2:31:27 PM

Hi, Cliff and everyone.

Thank you for including us in the site visit to Walker Point. Katie and I compiled a list of potentially problematic weedy non-native and invasive species that we observed onsite. These species appear to have proliferated in the disturbance onsite. Invasive plants have the potential to outcompete native vegetation, degrade Sensitive Natural Communities (SNCs) onsite, and spread to the surrounding area. Invasive plant management is an important component of restoration planning and monitoring, and I hope this list will be informative for confronting the extent of invasive plant management needed and creating priority targets for removal of invasive species. Highly invasive species, such as Scotch broom, and those that were proliferating in the impacted SNC area, such as bull thistle, should be considered a priority for removal.

As requested, Katie and I also compiled a list of native species that may be appropriate for restoration planting. The native species list includes species onsite and in the surrounding area, including Faye Slough Wildlife Area, and this list could be considered a starting point to circulate for input. Feel free to forward it to other partners who are interested. Given the cultural sensitivity of the site, revegetating with culturally significant plants as determined by the tribes may be most appropriate.

Please let us know if you have any questions, or if you would like anything else from us. We are looking forward to hearing more about next steps and restoration planning for this project as it moves forward.

Potential Native Restoration Planting Palette

Scientific Name	Common Name	Status	Form	Family
Alnus rubra	Red alder	native	Tree, Shrub	Betulaceae
Salix hookeriana	Coastal willow	native	Tree, Shrub	Salicaceae
Baccharis pilularis	Coyote brush	native	Shrub	Asteraceae
Corylus cornuta ssp. *californica*	Beaked hazelnut	native	Shrub	Betulaceae
Frangula purshiana ssp. *purshiana*	Cascara sagrada	native	Shrub	Rhamnaceae
Lonicera involucrata var. *ledebourii*	Coast twinberry	native	Shrub	Caprifoliaceae
Rubus parviflorus	Thimbleberry	native	Shrub	Rosaceae
Rubus spectabilis	Salmon berry	native	Shrub	Rosaceae
Sambucus racemosa var. *racemosa*	Red elderberry	native	Shrub	Adoxaceae
Vaccinium ovatum	Evergreen huckleberry	native	Shrub	Ericaceae
Achillea millefolium	Yarrow	native	Perennial herb	Asteraceae
Angelica lucida	Wild celery	Rare (CRPR 4.2), native	Perennial herb	Apiaceae
Lupinus rivularis	Riverbank lupine	native	Perennial herb	Fabaceae
Scrophularia californica	California bee plant	native	Perennial herb	Scrophulariaceae
Symphyotrichum chilense	Pacific aster	native	Perennial herb	Asteraceae
Athyrium filix-femina var. *cyclosorum*	Western ladyfern	native	Fern	Athyriaceae
Polystichum munitum	Western sword fern	native	Fern	Dryopteridaceae

Invasive and Other Weedy Non-native Species Observations

Scientific Name	Common Name	Status	Family	Notes	Date Observed
Anthoxanthum odoratum	Sweet vernal grass	invasive non-native	Poaceae		4/17/2023
Bromus diandrus	Ripgut brome	invasive non-native	Poaceae		4/17/2023
Capsella bursa-pastoris	Shepherd's purse	non-native	Brassicaceae		4/17/2023
Carduus pycnocephalus	Italian thistle	invasive non-native	Asteraceae	High Priority Removal	4/17/2023
Cirsium vulgare	Bullthistle	invasive non-native	Asteraceae	High Priority Removal	4/17/2023
Conium maculatum	Poison hemlock	invasive non-native	Apiaceae	High Priority Removal	4/17/2023
Cytisus scoparius	Scotch broom	invasive non-native	Fabaceae	High Priority Removal	4/17/2023
Dipsacus sp.	Teasel	invasive non-native	Dipsacaceae		4/17/2023
Erodium cicutarium	Coastal heron's bill	invasive non-native	Geraniaceae		4/17/2023
Euphorbia lathyris	Gopher plant	invasive non-native	Euphorbiaceae		4/17/2023
Festuca myuros	Rattail sixweeks grass	invasive non-native	Poaceae		4/17/2023
Foeniculum vulgare	Fennel	invasive non-native	Apiaceae		4/17/2023
Genista monspessulana	French broom	invasive non-native	Fabaceae	High Priority Removal	4/17/2023
Helminthotheca echioides	Bristly ox-tongue	invasive non-native	Asteraceae		4/17/2023
Lepidium didymum	Lesser swine cress	non-native	Brassicaceae		4/17/2023
Malva sp.	Cheeseweed	non-native	Malvaceae		4/17/2023
Medicago polymorpha	California burclover	invasive non-native	Fabaceae		4/17/2023
Melilotus sp.	Sweet clover	non-native	Fabaceae		4/17/2023
Raphanus sp.	Radish	non-native	Brassicaceae		4/17/2023
Rubus armeniacus	Himalayan blackberry	invasive non-native	Rosaceae	High Priority Removal	4/17/2023
Rumex acetosella	Sheep sorrel	invasive non-native	Polygonaceae		4/17/2023
Sonchus sp.	Sow thistle	non-native	Asteraceae		4/17/2023

Sincerely,

Kelsey McDonald
Environmental Scientist
Coastal Conservation Humboldt/Del Norte – Eureka Field Office
California Department of Fish and Wildlife
619 2nd Street | Eureka, CA
Work Cell: 707-672-9488