

Table 5: Conservation Actions Summary Table

| | | Decreasing Level of Threat Relative to Availability of Habitat Targets | | | | | | | | | | | |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|-----------------------------|---------------------------------|----------|-------------------|--------------|-----------|---------------------------------|-----------------------|-------------------------------------|----------------------------|
| | | Habitat Target Type Rank: | | | | | | | | | | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | |
| | | Hydro-Riparian Systems | Fish Habitat | At Risk Aquatic Vertebrates | At Risk Terrestrial Vertebrates | Wetlands | Dry ICH (dw1, xw) | Connectivity | Old ICHmw | Cottonwood-Dominated Floodplain | Brushlands/Grasslands | Shrub and Herb-dominated Floodplain | Karst (Hot & Cold Springs) |
| Feasibility and Effectiveness Rank | Activity Type and Description (Conservation Action Type Rank) | | | | | | | | | | | | |
| | Direct Conservation Actions (3 points) | | | | | | | | | | | | |
| 4 | • Acquire critical or high value habitat; purchase and manage for conservation (see Appendix A, Table A4 for SAR habitat associations and RPs/MPs, if available; other regionally important species) | 10 | 10 | | | 10 | 10 | 10 | 10 | 10 | 9 | 8 | |
| 4 | • Protect critical or high habitat; establish covenant, landowner agreement (see Appendix A, Table A4 for SAR habitat associations and RPs/MPs, if available; other regionally important species) | 10 | 10 | | | 10 | 10 | 10 | 10 | 10 | 9 | 8 | |
| 4 | • Protect identified critical, rare or sensitive habitats or features (see Table A4 in App. A for SAR habitat associations and RPs/MPs, if available; other regionally important species) | 10 | 10 | | | 10 | 10 | 10 | 10 | 10 | 9 | 8 | |
| 4 | • Implement other actions recommended in recovery plans focused on target listed species/habitats (see species with RPs/MPs available Appendix A, Table A4) | | | 10 | 10 | | | | | | | | |
| 4 | • Reduce mortality to listed, rare or sensitive species (e.g., develop wildlife crossing structures where roadkill mortality is a known concern) | | | 10 | 10 | | | | | | | | |
| 4 | • Reduce access to critical, rare or sensitive habitat (e.g., close a key access road, gate a bat hibernacula, fence off a raptor breeding territory, angling closures, shoal spawning) | 10 | 10 | | | 10 | 10 | 10 | 10 | 10 | 9 | 8 | |
| 4 | • Restore or enhance ecosystem processes/functions (e.g., fire, seasonal flooding, water storage, erosion control, fish & wildlife dispersal, pollination) | 10 | 10 | | | 10 | 10 | 10 | 10 | 10 | 9 | 8 | |
| 3 | • Implement a management plan to enhance species or habitat protection (e.g., FKLSS implementing a plan for wetland creation at Sunshine Bay) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Implement regulations/by-laws that enhance habitat or species protection (e.g., implement dog bylaws in regional parks used by listed waterfowl and shorebirds, no anchoring zones in shoal) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Implement guidelines that enhance habitat or species protection (e.g. implement BMPs for beaver lodge or muskrat den protection on private land) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Implement other landowner or land manager stewardship actions for listed, rare, sensitive species/habitats (see Appendix A, Table A4) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Implement community group stewardship program for priority habitats or species (e.g., to manage problem grizzly and black bears in a local community) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Implement a long term community-driven invasive species treatment program (e.g., implement Scotch broom treatment by North Shore resident group) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Invasive species treatment with (emphasis on riparian, wetland, sensitive, high value sites (e.g., knotweed yellow flag iris control on Fishermen's Road); suppression of non-native fish) | 9 | 9 | | | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Enhance habitat of listed, rare or sensitive fish and wildlife species (see Table A4 in App. A for SAR habitat associations; e.g., restore degraded marsh or hardened shorelines) | 9 | 9 | | | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Restore or create fish or wildlife habitat (e.g., remove barriers to restore fish passage; improve habitat suitability for bank swallows or yellow-breasted chats) | 9 | 9 | | | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| 3 | • Restore or create habitat features important for fish and wildlife (e.g., create wildlife tree for woodpeckers, painted turtle nesting sites, fish spawning areas) | 9 | 9 | | | 9 | 9 | 9 | 9 | 9 | 8 | 7 | |
| Required Steps to Guide Future Conservation Actions (2 points) | | | | | | | | | | | | | |
| 3 | • Species or habitat assessment/inventory to identify critical, rare or sensitive habitat (e.g., survey of listed SAR at sites with high breeding potential; additional spawning areas for Bull Trout and Kokanee) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | |
| 3 | • Species or habitat research to help identify threats and mitigation measures (e.g., bat research to identify threat of white-nose syndrome) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | |
| 3 | • Species or habitat monitoring to effectiveness of enhancement, restoration, and mitigation measures (e.g., occupancy monitoring of artificial hibernacula; fish use at enhanced shoreline sites) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | |
| 3 | • Monitoring and/or inventory that aids in identification and/or establishment of the location of threats (e.g., monitoring leopard frog roadkill at Duck Lake; Kokanee shoal spawning) | 8 | 8 | | | 8 | 8 | 8 | 8 | 8 | 7 | 6 | |
| 3 | • Climate change monitoring that enhances understanding of habitat changes and/or risk to survival (e.g., water quantity and quality monitoring streams, groundwater, aquifers; snow & glacier monitoring) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | |
| 2 | • Invasive species inventory for priority species; see CKISS lists (e.g., giant hogweed, knotweeds, purple loosestrife, Eurasian milfoil, Scotch broom, flag iris) | 7 | 7 | | | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Invasive species research based on CKISS priorities (to develop new tools/techniques, and evaluate non-target impacts); non-native/native fish overlaps | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Invasive species monitoring to evaluate change in status/condition or effectiveness of control and containment measures (e.g., periodic knotweed monitoring) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Stewardship planning and implementation assistance programs for landowners and managers at stand and landscape scales | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Financial incentives for developing future stewardship actions (e.g., funding for developing plans such as vegetation or prescribed fire in degraded habitat; sensitive habitat inventory mapping) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Develop a management plan to improve habitat or species protection (e.g., a plan to protect old forest via management of the surrounding younger forest matrix) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Develop regulations that improve habitat or species protection (e.g., work with land managers to develop access restrictions for floodplains) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Develop guidelines that improve habitat or species protection (e.g., for a listed plant community in relation to existing threats) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| 2 | • Land use planning for private land (e.g. work with large land managers/owners to develop access management or wildfire management plans) | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | |
| Potential Steps to Guide Future Conservation Actions (1 point) | | | | | | | | | | | | | |
| 2 | • Training for target groups (e.g., commercial recreation operators, industry, recreation groups) operating in at-risk, rare or sensitive areas | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | |
| 2 | • Guardian program development (First Nations, group) for key habitats/species (e.g., small lake or streams with over-fishing, poaching or intensive recreation) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | |
| 2 | • Research to restore/improve natural ecosystem processes and functions (e.g., water, fire, flood, and other management regimes) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | |
| 2 | • Disease research and management (e.g., chytrid fungus, white-nose, honeybee diseases, whirling disease) | | | 6 | 6 | | | | | | | | |
| 1 | • Problem wildlife management on private land (e.g., to address problem bear, beaver, woodpecker, porcupine, elk and other forms of wildlife damage) | | | 5 | 5 | | | | | | | | |
| 1 | • Citizen science programs to supplement other information (e.g., osprey, water quality and quantity monitoring in smaller watersheds) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | |
| 1 | • Public education and awareness, including interpretive information, signage, brochures (e.g., brochure to improve awareness of local listed plants; brochure to educate foreshore landowners) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | |
| 1 | • Participation in planning/management initiatives (for ecosystems, habitats, species, climate adaptation, ecosystem function) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | |

Notes: A blank cell indicates that the activity is not applicable to the Habitat Target listed. Cells in the main body provide the overall scores, based on summing the scores for feasibility/effectiveness (scored from 1-4), action group (scored from 1-3), and threat (scored from 1-3) for each target habitat type. Maximum total score for each cell possible is 10. Brief examples are provided in parentheses for each action, where applicable.