**Supplemental information**

**Supplementary Table 1.** The current list of statewide and locally noxious weeds in South Dakota.

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| Common name | Latin name | Noxious designation |
| absinth wormwood | *Artemisia absinthium* | Statewide |
| black henbane | *Hysocyamus niger* | Local |
| bull thistle | *Cirsium vulgare* | Local |
| Canada thistle | *Cirsium arvense* | Statewide |
| chicory | *Cichorium intybus* | Local |
| common burdock | *Arctium minus* | Local |
| common mullein | *Verbascum thapsus* | Local |
| common tansy | *Tanacetum vulgare* | Local |
| dalmatian toadflax | *Linaria dalmatica* | Local |
| diffuse knapweed | *Centaurea diffusa* | Local |
| European common reed | *Phragmites australis ss. Australias* | Local |
| field bindweed | *Convolvulus arvensis* | Local |
| flowering rush | *Butomus umbellatus* | Local |
| giant knotweed | *Reynoutria sachalinensis* | Local |
| hoary cress | *Lepidium draba* | Statewide |
| houndstongue | *Cynoglossum officinale* | Local |
| leafy spurge | *Eurphorpia esula* | Statewide |
| musk thistle | *Carduus nutans* | Local |
| oxeye daisy | *Leucanthemum vulgare* | Local |
| Palmer amaranth | *Amaranthus palmeri* | Local |
| perennial sowthistle | *Sonchus arvensis* | Statewide |
| plumeless thistle | *Carduus acanthoides* | Local |
| poison hemlock | *Conium maculatum* | Local |
| puncturevine | *Tribulus terrestris* | Local |
| purple loosestrife | *Lythrum salicaria* | Statewide |
| saltcedar | *Tamarix ramosissima* | Statewide |
| Scotch thistle | *Onopordum acanthium* | Local |
| spotted knapweed | *Centaurea stoebe* | Local |
| St. Johnswort | *Hypericum perforatum* | Local |
| sulfur cinquefoil | *Potentilla recta* | Local |
| white horehound | *Marrubium vulgare* | Local |
| wild parsnip | *Pastinaca sativa* | Local |
| yellow toadflax | *Linaria vulgaris* | Local |

**Supplemental Table 2.** South Dakota county representation of the respondents of the survey. The counties were grouped by the designation “East River” or “West River” based on geographical location within the state, and are listed alphabetically within region.

|  |  |  |
| --- | --- | --- |
| County | Region | Response |
|  |  | % |
| Aurora | East River | 1 |
| Beadle | East River | 6 |
| Bon Homme | East River | 0 |
| Brookings | East River | 2 |
| Brown | East River | 0 |
| Brule | East River | 3 |
| Buffalo | East River | 1 |
| Campbell | East River | 2 |
| Charles Mix | East River | 2 |
| Clark | East River | 1 |
| Clay | East River | 0 |
| Codington | East River | 6 |
| Davison | East River | 5 |
| Day | East River | 3 |
| Deuel | East River | 3 |
| Douglas | East River | 1 |
| Edmunds | East River | 1 |
| Faulk | East River | 1 |
| Grant | East River | 2 |
| Hamlin | East River | 2 |
| Hand | East River | 1 |
| Hanson | East River | 0 |
| Hughes | East River | 1 |
| Hutchinson | East River | 1 |
| Hyde | East River | 0 |
| Jerauld | East River | 1 |
| Kingsbury | East River | 1 |
| Lake | East River | 2 |
| Lyman | East River | 0 |
| Marshall | East River | 2 |
| McCook | East River | 1 |
| McPherson | East River | 2 |
| Miner | East River | 1 |
| Minnehaha | East River | 1 |
| Moody | East River | 2 |
| Potter | East River | 0 |
| Roberts | East River | 2 |
| Sanborn | East River | 0 |
| Spink | East River | 2 |
| Sully | East River | 0 |
| Turner | East River | 2 |
| Union | East River | 2 |
| Walworth | East River | 1 |
| Yankton | East River | 1 |
| Bennett | West River | 1 |
| Butte | West River | 2 |
| Corson | West River | 1 |
| Custer | West River | 4 |
| Dewey | West River | 0 |
| Fall River | West River | 1 |
| Gregory | West River | 0 |
| Haakon | West River | 1 |
| Harding | West River | 2 |
| Jackson | West River | 0 |
| Jones | West River | 2 |
| Lawrence | West River | 6 |
| Lincoln | West River | 2 |
| Meade | West River | 3 |
| Mellette | West River | 0 |
| Oglala Lakota | West River | 0 |
| Pennington | West River | 5 |
| Perkins | West River | 2 |
| Stanley | West River | 2 |
| Todd | West River | 0 |
| Tripp | West River | 3 |
| Ziebach | West River | 2 |