

SUPPLEMENTARY MATERIAL 2. Forbs found in Greater Sage-Grouse diet and habitat studies in big sagebrush plant communities. Information was obtained from sources searched through Web of Science (Thomson Reuters) and Google Scholar. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Achillea lanulosa</i>	<i>Achillea millefolium</i> var. <i>occidentalis</i>	More abundant in habitats	More abundant in habitats	B	Klott and Lindzey 1990	97 km south of Rawlins near Savery	WY	Observation	Early June–mid August	Unknown	Asteraceae	N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round, 1953–1973	N/A	Asteraceae	I, N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	Food	Food	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	<i>Artemisia tridentata</i> , <i>Artemisia cana</i> /wheatgrass	Asteraceae	I, N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1966	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	I, N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August, 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Festuca idahoensis</i> , <i>Calamagrostis montanensis</i> , <i>Stipa columbiana</i>	Asteraceae	I, N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Asteraceae	I, N
<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Asteraceae	I, N
<i>Achillea millifolium</i>	<i>Achillea millefolium</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	I, N
<i>Achillea millifolium</i>	<i>Achillea millefolium</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	I, N
<i>Achillea</i> spp.	<i>Achillea</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	I, N
<i>Agoseris</i>	<i>Agoseris</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Low sagebrush bunchgrass, mountain big sagebrush and mountain shrub	Asteraceae	N
<i>Agoseris glauca</i>	<i>Agoseris glauca</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Agoseris grandiflora</i>	<i>Agoseris grandiflora</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Agoseris heterophylla</i>	<i>Agoseris heterophylla</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Agoseris</i> sp.	<i>Agoseris</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	June 4–August 17, 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	N
<i>Agoseris</i> spp.	<i>Agoseris</i>	More abundant in habitats	More abundant in habitats	B	Gregg and Crawford 2009	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Habitat	March–April, 2000–2003	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia tridentata vaseyana</i> , <i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i> , <i>Stipa</i> spp., <i>Festuca</i> spp., <i>Leymus cinereus</i> , <i>Elymus elymoides</i>	Asteraceae	N
<i>Agoseris</i> spp.	<i>Agoseris</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Asteraceae	N
<i>Agoseris</i> spp.	<i>Agoseris</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Asteraceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Agoseris</i> spp.	<i>Agoseris</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Asteraceae	N
<i>Androsace septentrionalis</i>	<i>Androsace septentrionalis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Primulaceae	N,
<i>Antennaria</i>	<i>Antennaria</i>	N/A	Food	N/A	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	N/A	N/A	Asteraceae	N
<i>Antennaria dimorpha</i>	<i>Antennaria dimorpha</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Asteraceae	N
<i>Antennaria microphylla</i>	<i>Antennaria microphylla</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Antennaria rosea</i>	<i>Antennaria rosea</i>	Common forb on grouse-use transect	Common forb on grouse-use transect	B	Dunn and Braun 1986	Cold Spring Mountain, northwestern Moffat County, and in adjacent Wyoming and Utah	CO, WY, UT	Habitat	28 July–12 September 1982	Sagebrush rangeland	Asteraceae	N
<i>Antennaria</i> spp.	<i>Antennaria</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	N
<i>Antennaria</i> spp.	<i>Antennaria</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT, OR	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Asteraceae	N
<i>Antennaria</i> spp.	<i>Antennaria</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County		Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Asteraceae	N
<i>Arabis</i> spp.	<i>Arabis</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Brassicaceae	I, N
<i>Arabis</i> spp.	<i>Arabis</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Brassicaceae	I, N
<i>Arenaria congesta</i>	<i>Arenaria congesta</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1965	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Caryophyllaceae	N
<i>Arenaria hookeri</i>	<i>Arenaria hookeri</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Caryophyllaceae	N
<i>Arenaria</i> spp.	<i>Arenaria</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–89	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Caryophyllaceae	I, N
<i>Artemisia ludoviciana</i>	<i>Artemisia ludoviciana</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Asteraceae	I, N
<i>Artemisia ludoviciana</i>	<i>Artemisia ludoviciana</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	I, N
<i>Aster chilensis</i>	<i>Symphotrichum chilense</i> var. <i>chilense</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Asteraceae	N
<i>Aster occidentalis</i>	<i>Symphotrichum spathulatum</i> var. <i>spathulatum</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Aster</i> spp.	<i>Aster</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Asteraceae	I, N
<i>Aster</i> spp.	<i>Aster</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	I, N
<i>Aster</i> spp.	<i>Aster</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1967	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	I, N
<i>Astragalus</i>	<i>Astragalus</i>	N/A	Food	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Summer	N/A	Fabaceae	I, N
<i>Astragalus convallarius</i>	<i>Astragalus convallarius</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Fabaceae	N
<i>Astragalus curvicaarpus</i>	<i>Astragalus curvicaarpus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Astragalus filipes</i>	<i>Astragalus filipes</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Astragalus lentiginosus</i>	<i>Astragalus lentiginosus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Astragalus miser</i>	<i>Astragalus miser</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1968	<i>Artemisia tridentata/Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Fabaceae	N
<i>Astragalus obscurus</i>	<i>Astragalus obscurus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Astragalus obscurus</i>	<i>Astragalus obscurus</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula/Poa</i> spp., <i>Pseudoroegneria spicata</i>	Fabaceae	N
<i>Astragalus obscurus</i>	<i>Astragalus obscurus</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula/Agropyron spicatum</i> and <i>Poa sandbergii</i>	Fabaceae	N
<i>Astragalus purshii</i>	<i>Astragalus purshii</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Astragalus purshii</i>	<i>Astragalus purshii</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula/Poa</i> spp., <i>Pseudoroegneria spicata</i>	Fabaceae	N
<i>Astragalus purshii</i>	<i>Astragalus purshii</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula/Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis/Stipa thurberiana</i>	Fabaceae	N
<i>Astragalus</i> spp.	<i>Astragalus</i> spp.	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Fabaceae	I, N
<i>Astragalus</i> spp.	<i>Astragalus</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata/Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Fabaceae	I, N
<i>Astragalus</i> spp.	<i>Astragalus</i>	More abundant in habitats	More abundant in habitats	B	Gregg and Crawford 2009	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Habitat	March–April 2000–2003	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia tridentata vaseyana</i> , <i>Artemisia arbuscula/Poa</i> spp., <i>Pseudoroegneria spicata</i> , <i>Stipa</i> spp., <i>Festuca</i> spp., <i>Leymus cinereus</i> , <i>Elymus elymoides</i>	Fabaceae	I, N
<i>Astragalus</i> spp.	<i>Astragalus</i> spp.	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata/Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Fabaceae	I, N
<i>Astragalus tenellus</i>	<i>Astragalus tenellus</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Fabaceae	N
<i>Bahia oppositifolia</i>	<i>Picradeniopsis oppositifolia</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Balsamorhiza sagittata</i>	<i>Balsamorhiza sagittata</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August 1964–1966	<i>Artemisia tripartita/Agropyron spicatum</i> , <i>Agropyron dasystachyum</i>	Asteraceae	N
<i>Balsamorhiza</i> spp.	<i>Balsamorhiza</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula/Poa</i> spp., <i>Pseudoroegneria spicata</i>	Asteraceae	N
<i>Balsamorhiza</i>	<i>Balsamorhiza</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Mountain big sagebrush	Asteraceae	N
<i>Blepharipappus scaber</i>	<i>Blepharipappus scaber</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata/Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Asteraceae	N
<i>Calochortus macrocarpus</i>	<i>Calochortus macrocarpus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Liliaceae	N
<i>Calochortus macrocarpus</i>	<i>Calochortus macrocarpus</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata/Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Liliaceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Calochortus macrocarpus</i>	<i>Calochortus macrocarpus</i>	Food	Food	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Festuca idahoensis</i> , <i>Calamagrostis montanensis</i> , <i>Stipa columbiana</i>	Liliaceae	N
<i>Camelina microcarpa</i>	<i>Camelina microcarpa</i>	Food	N/A	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Brassicaceae	I
<i>Capsella bursa-pastoris</i>	<i>Capsella bursa-pastoris</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Brassicaceae	I
<i>Castilleja angustifolia</i>	<i>Castilleja angustifolia</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Scrophulariaceae	N
<i>Castilleja</i> sp.	<i>Castilleja</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Scrophulariaceae	N
<i>Chenopodium album</i>	<i>Chenopodium album</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Chenopodiaceae	I, N
<i>Cleome platycarpa</i>	<i>Cleome platycarpa</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Capparaceae	N
<i>Collinsia</i>	<i>Collinsia</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Mountain big sagebrush and mountain shrub	Scrophulariaceae	N
<i>Collinsia parviflora</i>	<i>Collinsia parviflora</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Scrophulariaceae	N
<i>Collinsia parviflora</i>	<i>Collinsia parviflora</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Scrophulariaceae	N
<i>Collinsia</i> spp.	<i>Collinsia</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990, 1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i>	Scrophulariaceae	N
<i>Collomia linearis</i>	<i>Collomia linearis</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Collomia linearis</i> Compositae	<i>Collomia linearis</i> Asteraceae	Cover Food	Cover N/A	B B	Peterson 1969 Klebenow and Gray 1968	Central Montana, near Winnett U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	MT ID	Habitat Crop dissection	Summer 1966, 1968 4 June–17 August 1965	N/A <i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Polemoniaceae Asteraceae	N N/A
<i>Convolvulus arvensis</i>	<i>Convolvulus arvensis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Convolvulaceae	I
<i>Crepis acuminata</i>	<i>Crepis acuminata</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Crepis acuminata</i>	<i>Crepis acuminata</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	June 4–August 17, 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	N
<i>Crepis acuminata</i>	<i>Crepis acuminata</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August, 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Festuca idahoensis</i> , <i>Calamagrostis montanensis</i> , <i>Stipa columbiana</i>	Asteraceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Crepis modocensis</i>	<i>Crepis modocensis</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Crepis</i> spp.	<i>Crepis</i>	More abundant in habitats	More abundant in habitats	B	Gregg and Crawford 2009	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Habitat	March–April 2000–2003	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia tridentata vaseyana</i> , <i>Artemisia arbuscula</i> /Poa spp., <i>Pseudoroegneria spicata</i> , <i>Stipa</i> spp., <i>Festuca</i> spp., <i>Leymus cinereus</i> , <i>Elymus elymoides</i>	Asteraceae	I, N
<i>Crepis</i> spp.	<i>Crepis</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> /Poa spp., <i>Pseudoroegneria spicata</i>	Asteraceae	I, N
<i>Crepis</i> spp.	<i>Crepis</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> /Poa spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Asteraceae	I, N
<i>Crepis</i> spp.	<i>Crepis</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> /Agropyron spicatum and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> /Stipa thurberiana	Asteraceae	I, N
Cruciferae	Brassicaceae	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> /Agropyron dasystachyum, Agropyron spicatum, <i>Poa nevadensis</i> , <i>Poa secunda</i>	Brassicaceae	N/A
<i>Delphinium nuttallianum</i>	<i>Delphinium nuttallianum</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> /Poa spp., <i>Pseudoroegneria spicata</i>	Ranunculaceae	N
<i>Delphinium</i> spp.	<i>Delphinium</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> /Agropyron spicatum and <i>Poa sandbergii</i>	Ranunculaceae	I, N
<i>Descurainia sophia</i>	<i>Descurainia sophia</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Brassicaceae	I
<i>Epilobium</i> spp.	<i>Epilobium</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Onagraceae	I, N
<i>Erigeron</i>	<i>Erigeron</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> /Festuca idahoensis, Agropyron spicatum, Poa spp.	Asteraceae	I, N
<i>Erigeron corymbosus</i>	<i>Erigeron corymbosus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Erigeron lonchophyllus</i>	<i>Erigeron lonchophyllus</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Erigeron lonchophyllus</i>	<i>Erigeron lonchophyllus</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Asteraceae	N
<i>Erigeron pumilus</i>	<i>Erigeron pumilus</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Erigeron</i> spp.	<i>Erigeron</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> /Poa spp., Agropyron spp., Stipa spp., Festuca spp.	Asteraceae	I, N
<i>Eriogonum</i>	<i>Eriogonum</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Mountain big sagebrush and mountain shrub	Polygonaceae	N
<i>Eriogonum</i> spp.	<i>Eriogonum</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> /Poa spp., <i>Pseudoroegneria spicata</i>	Polygonaceae	N
<i>Eriogonum</i> spp.	<i>Eriogonum</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> /Agropyron spicatum and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> /Stipa thurberiana	Polygonaceae	N

SUPPLEMENTARY MATERIAL 2. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). Continued. LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Eriogonum umbellatum</i>	<i>Eriogonum umbellatum</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polygonaceae	N
<i>Eriogonum umbellatum</i>	<i>Eriogonum umbellatum</i>	Common forb on grouse-use transect	Common forb on grouse-use transect	B	Dunn and Braun 1986	Cold Spring Mountain, northwestern Moffat County, and in adjacent Wyoming and Utah	CO, WY, UT	Habitat	28 July–12 September 1982	Sagebrush rangeland	Polygonaceae	N
<i>Eriogonum umbellatum</i>	<i>Eriogonum umbellatum</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Polygonaceae	N
<i>Fragaria vesca</i>	<i>Fragaria vesca</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Rosaceae	N
<i>Fritillaria atropurpurea</i>	<i>Fritillaria atropurpurea</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Liliaceae	N
<i>Gaura coccinea</i>	<i>Gaura coccinea</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Onagraceae	N
<i>Gayophytum</i> spp.	<i>Gayophytum</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Onagraceae	N
<i>Geranium</i> spp.	<i>Geranium</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Geraniaceae	I, N
<i>Geum</i>	<i>Geum</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Rosaceae	I, N
<i>Grindelia squarrosa</i>	<i>Grindelia squarrosa</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round, 1953–1973	N/A	Asteraceae	N
<i>Grindelia squarrosa</i>	<i>Grindelia squarrosa</i>	Food	N/A	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	<i>Artemisia tridentata</i> , <i>Artemisia cana</i> /wheatgrass	Asteraceae	N
<i>Haplopappus nuttallii</i>	<i>Machaeranthera grindelioides</i> var. <i>grindelioides</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Hedeoma hispida</i>	<i>Hedeoma hispida</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Lamiaceae	N
<i>Helianthus</i> spp.	<i>Helianthus</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Hymenoxys acaulis</i>	<i>Tetaneuris acaulis</i> var. <i>acaulis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Iva axillaris</i>	<i>Iva axillaris</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Lactuca</i>	<i>Lactuca</i>	Food	Food	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Summer, Fall	N/A	Asteraceae	I, N
<i>Lactuca pulchella</i>	<i>Lactuca tatarica</i> var. <i>pulchella</i>	Food	N/A	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Asteraceae	N
<i>Lactuca serriola</i>	<i>Lactuca serriola</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Asteraceae	I
<i>Lactuca serriola</i>	<i>Lactuca serriola</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	I
<i>Lactuca serriola</i>	<i>Lactuca serriola</i>	Food	Food	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Asteraceae	I
<i>Lactuca serriola</i>	<i>Lactuca serriola</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	I
<i>Lepidium</i>	<i>Lepidium</i>	Food	N/A	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Summer	N/A	Brassicaceae	I, N
<i>Lepidium densiflorum</i>	<i>Lepidium densiflorum</i>	Food	N/A	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Brassicaceae	I, N
<i>Lepidium densiflorum</i>	<i>Lepidium densiflorum</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Brassicaceae	I, N
<i>Lepidium perfoliatum</i>	<i>Lepidium perfoliatum</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Brassicaceae	I
<i>Leptodactylon pungens</i>	<i>Linanthus pungens</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Linanthus</i>	<i>Linanthus</i>	Food	N/A	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	N/A	N/A	Polemoniaceae	N
<i>Linanthus harknessii</i>	<i>Leptosiphon harknessii</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Polemoniaceae	N
<i>Lomatium</i>	<i>Lomatium</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Low sagebrush bunchgrass, mountain big sagebrush	Apiaceae	N
<i>Lomatium nevadense</i>	<i>Lomatium nevadense</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Apiaceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Lomatium</i> spp.	<i>Lomatium</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Apiaceae	N
<i>Lomatium</i> spp.	<i>Lomatium</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Apiaceae	N
<i>Lomatium</i> spp.	<i>Lomatium</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Apiaceae	N
<i>Lomatium triternatum</i>	<i>Lomatium triternatum</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Apiaceae	N
<i>Lupinus</i>	<i>Lupinus</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Mountain big sagebrush	Fabaceae	I, N
<i>Lupinus ammophilus</i>	<i>Lupinus ammophilus</i>	Common forb on grouse-use transect	Common forb on grouse-use transect	B	Dunn and Braun 1986	Cold Spring Mountain, northwestern Moffat County, and in adjacent Wyoming and Utah	CO, WY, UT	Habitat	28 July–12 September 1982	Sagebrush rangeland	Fabaceae	N
<i>Lupinus caudatus</i>	<i>Lupinus caudatus</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Lupinus caudatus</i>	<i>Lupinus caudatus</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August, 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Festuca idahoensis</i> , <i>Calamagrostis montanensis</i> , <i>Stipa columbiana</i>	Fabaceae	N
<i>Lupinus sericeus</i>	<i>Lupinus sericeus</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1969	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Fabaceae	N
<i>Lupinus sericeus</i>	<i>Lupinus sericeus</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i> , <i>Artemisia tridentata wyomingensis</i>	Fabaceae	N
<i>Machaeranthera canescens</i>	<i>Machaeranthera canescens</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Medicago</i>	<i>Medicago</i>	Food	Food	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Summer, fall	N/A	Fabaceae	I
<i>Medicago lupulina</i>	<i>Medicago lupulina</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Fabaceae	I
<i>Medicago sativa</i>	<i>Medicago sativa</i>	Food	Food	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	Stream bottomlands	Fabaceae	I
<i>Melilotus</i>	<i>Melilotus</i>	Food	Food	N, B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Spring, summer	N/A	Fabaceae	I
<i>Melilotus officinalis</i>	<i>Melilotus officinalis</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Fabaceae	I
<i>Melilotus officinalis</i>	<i>Melilotus officinalis</i>	Cover	Cover	B	Wallestad 1971	Central Montana, near Winnett	MT	Habitat	June–September 1968–1969	<i>Medicago sativa</i> fields	Fabaceae	I
<i>Melilotus officinalis</i>	<i>Melilotus officinalis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Fabaceae	I
<i>Mertensia</i> spp.	<i>Mertensia</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i>	Boraginaceae	N
<i>Microsteris gracilis</i>	<i>Microsteris gracilis</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Microsteris gracilis</i>	<i>Microsteris gracilis</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Polemoniaceae	N
<i>Mimulus nanus</i>	<i>Symphotrichum spathulatum</i> var. <i>spathulatum</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Scrophulariaceae	N
<i>Monolepis nuttalliana</i>	<i>Monolepis nuttalliana</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Chenopodiaceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Musci</i>	N/A	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Low sagebrush bunchgrass	N/A	N/A
N/A	<i>Medicago</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Fabaceae	I
N/A	<i>Centaurea</i>	Cover	Cover	N	Sveum et al. 1998	Yakima Training Center, Yakima and Kittitas Counties	WA	Habitat	March 1992–1993	N/A	Asteraceae	I, N
<i>Navarretia intertexta</i>	<i>Navarretia intertexta</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Orobanche</i> spp.	<i>Orobanche</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Orobanchaceae	I, N
<i>Orthocarpus luteus</i>	<i>Orthocarpus luteus</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Scrophulariaceae	N
<i>Penstemon albidus</i>	<i>Penstemon albidus</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Scrophulariaceae	N
<i>Penstemon</i> spp.	<i>Penstemon</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Scrophulariaceae	N
<i>Phlox</i>	<i>Phlox</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Low sagebrush bunchgrass, mountain big sagebrush	Polemoniaceae	I, N
<i>Phlox diffusa</i>	<i>Phlox diffusa</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Phlox gracilis</i>	<i>Phlox</i>	Brood survival	Brood survival	B	Gregg and Crawford 2009	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Habitat	March–April 2000–2003	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia tridentata vaseyana</i> , <i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i> , <i>Stipa</i> spp., <i>Festuca</i> spp., <i>Leymus cinereus</i> , <i>Elymus elymoides</i>	Polemoniaceae	N
<i>Phlox hoodii</i>	<i>Phlox hoodii</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Polemoniaceae	N
<i>Phlox hoodii</i>	<i>Phlox hoodii</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Polemoniaceae	N
<i>Phlox longifolia</i>	<i>Phlox longifolia</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polemoniaceae	N
<i>Phlox longifolia</i>	<i>Phlox longifolia</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Polemoniaceae	N
<i>Phlox longifolia</i>	<i>Phlox longifolia</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Polemoniaceae	N
<i>Phlox longifolia</i>	<i>Phlox longifolia</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Polemoniaceae	N
<i>Phlox</i> spp.	<i>Phlox</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Stipa thurberiana</i>	Polemoniaceae	I, N
<i>Plantago</i> spp.	<i>Plantago</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Plantaginaceae	I, N, W
Polemoniaceae	Polemoniaceae	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Polemoniaceae	N/A
<i>Polygonum avicular</i>	<i>Polygonum aviculare</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Polygonaceae	I
<i>Polygonum douglasii</i>	<i>Polygonum douglasii</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Polygonaceae	N
<i>Polygonum douglasii</i>	<i>Polygonum douglasii</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Polygonaceae	N
<i>Polygonum douglasii</i>	<i>Polygonum douglasii</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Polygonaceae	N
<i>Polygonum</i> spp.	<i>Polygonum</i>	Food	N/A	B	Patterson 1953	Eden Valley–Pacific Creek	WY	Crop dissection	Fall	N/A	Polygonaceae	I, N, N?
<i>Polygonum</i> spp.	<i>Polygonum</i>	More abundant in habitats	More abundant in habitats	B	Klott and Lindzey 1990	97 km south of Rawlins near Savery	WY	Observation	Early June–mid August	Unknown	Polygonaceae	I, N, N?
<i>Psoralea tenuiflora</i>	<i>Psoralidium tenuiflorum</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Fabaceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Ranunculus glaberrimus</i>	<i>Ranunculus glaberrimus</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge, and Beatys Butte	OR, NV	Crop dissection	18–31 March; 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Ranunculaceae	N
<i>Ranunculus</i> spp.	<i>Ranunculus</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i>	Ranunculaceae	I, N
<i>Ratibida columnifera</i>	<i>Ratibida columnifera</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Salsola kali</i>	<i>Salsola kali</i>	Cover	Cover	N	Sveum et al. 1998	Yakima Training Center, Yakima and Kittitas Counties	WA	Habitat	March 1992–1993	N/A	Chenopodiaceae	I
<i>Salsola kali</i>	<i>Salsola kali</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Chenopodiaceae	I
<i>Salsola kali</i>	<i>Salsola kali</i>	Cover	Cover	N	Aldridge and Brigham 2002	Southern Alberta	AB	Habitat	March–May 1998–1999	<i>Artemisia cana</i> , <i>Heterostipa comata</i> , <i>Koeleria macrantha</i> , <i>Bouteloua gracilis</i> , <i>Pascopyrum smithii</i>	Chenopodiaceae	I
<i>Selaginella densa</i>	<i>Selaginella densa</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1970	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Selaginellaceae	N
<i>Senecio</i>	<i>Senecio</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Mountain big sagebrush and mountain shrub	Asteraceae	I, N
<i>Senecio canus</i>	<i>Packera cana</i>	Cover	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	N
<i>Sisymbrium altissimum</i>	<i>Sisymbrium altissimum</i>	Cover	Cover	N	Sveum et al. 1998	Yakima Training Center, Yakima and Kittitas Counties	WA	Habitat	March 1992–1993	N/A	Brassicaceae	I
<i>Sisymbrium altissimum</i>	<i>Sisymbrium altissimum</i>	N/A	Cover	L	Giezentanner and Clark 1974	Bedell Flats, Washoe County	NV	Observation	7–11 April 1972	<i>Artemisia tridentata</i>	Brassicaceae	I
<i>Sisymbrium</i> spp.	<i>Sisymbrium</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Brassicaceae	I, N
<i>Solidago missouriensis</i>	<i>Solidago missouriensis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Solidago mollis</i>	<i>Solidago mollis</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N
<i>Sphaeralcea coccinea</i>	<i>Sphaeralcea coccinea</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Malvaceae	N
<i>Symphoricarpos</i> spp.	<i>Symphoricarpos</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Caprifoliaceae	N
<i>Taraxacum</i>	<i>Taraxacum</i>	Food	Food	N, B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Spring, summer, fall	N/A	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Food	Food	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	<i>Artemisia tridentata</i> , <i>Artemisia cana</i> /wheatgrass	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	At brood and adult locations	At brood and adult locations	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1971	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	More abundant in habitats	More abundant in habitats	B	Klott and Lindzey 1990	97 km south of Rawlins near Savery	WY	Observation	Early June–mid August	Unknown	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i> and/or <i>Artemisia tridentata wyomingensis</i> / <i>Festuca idahoensis</i> , <i>Calamagrostis montanensis</i> , <i>Stipa columbiana</i>	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Common forb on grouse-use transect	Common forb on grouse-use transect	B	Dunn and Braun 1986	Cold Spring Mountain, northwestern Moffat County, and in adjacent Wyoming and Utah	CO, WY, UT	Habitat	28 July–12 September 1982	Sagebrush rangeland	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Asteraceae	I, N
<i>Taraxacum officinale</i>	<i>Taraxacum officinale</i>	Cover	Cover	N, B	Bunnell et al. 2004	Strawberry Valley	UT	Habitat	March–May 1998–1999	<i>Artemisia tridentata vaseyana</i>	Asteraceae	I, N
<i>Taraxacum</i> spp.	<i>Taraxacum</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Asteraceae	I, N
<i>Thlaspi arvense</i>	<i>Thlaspi arvense</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Brassicaceae	I
<i>Thelesperma marginatum</i>	<i>Thelesperma subnudum</i> var. <i>marginatum</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N

SUPPLEMENTARY MATERIAL 2. Continued. An asterisk (*) indicates that information was obtained from the USDA PLANTS Database (2015). LS = life stage (L = lekking, N = nesting, B = brood-rearing); N or I = native and/or introduced in the lower 48 states (N? = probably native, N/A = data not available, W = waif).

Original scientific name	Scientific name*	Juvenile LS	Adult LS	LS	Citation	Geographic range	State/province	Type of study	Phenology	Vegetation type	Family*	I or N*
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	Food	Food	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Summer	N/A	Asteraceae	I, N
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Asteraceae	I
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	Food	Food	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Asteraceae	I
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	More abundant in habitats	More abundant in habitats	B	Klott and Lindzey 1990	97 km south of Rawlins near Savery	WY	Observation	Early June–mid August	Unknown	Asteraceae	I
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	Food	N/A	B	Klebenow and Gray 1968	U.S. Sheep Experiment Station and Medicine Lodge Creek drainage, Clark County	ID	Crop dissection	4 June–17 August 1965	<i>Artemisia tridentata</i> / <i>Agropyron dasystachyum</i> , <i>Agropyron spicatum</i> , <i>Agropyron spicatum</i> , <i>Poa nevadensis</i> , <i>Poa secunda</i>	Asteraceae	I
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	Cover	Cover	N, B	Klebenow 1969	Blaine and Butte Counties	ID	Habitat	April/May?–late August 1964–1966	<i>Artemisia tripartita</i> / <i>Agropyron spicatum</i> , <i>Agropyron dasystachyum</i>	Asteraceae	I
<i>Tragopogon dubius</i>	<i>Tragopogon dubius</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Asteraceae	I
<i>Trifolium</i>	<i>Trifolium</i>	Food	Food	B	Patterson 1952	Eden Valley–Pacific Creek	WY	Crop dissection	Spring, fall	N/A	Fabaceae	I, N
<i>Trifolium</i>	<i>Trifolium</i>	N/A	Cover	N	Gregg 1992	Hart Mountain National Antelope Refuge, Lake County	OR	Habitat	1989–1990	Low sagebrush bunchgrass	Fabaceae	I, N
<i>Trifolium cyathiferum</i>	<i>Trifolium cyathiferum</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Trifolium gymnocarpum</i>	<i>Trifolium gymnocarpon</i>	Food	N/A	B	Pyle 1993	Hart Mountain National Antelope Refuge, Lake County	OR	Crop dissection	June–July 1988–1989	<i>Artemisia tridentata wyomingensis</i> , <i>Artemisia arbuscula</i> , <i>Purshia tridentata</i> , <i>Juniperus occidentalis</i> , <i>Artemisia tridentata vaseyana</i> , and <i>Populus tremuloides</i>	Fabaceae	N
<i>Trifolium macrocephalum</i>	<i>Trifolium macrocephalum</i>	N/A	Food	L	Gregg 2006	Sheldon National Wildlife Refuge, Hart Mountain National Antelope Refuge and Beatys Butte	OR, NV	Crop dissection	18–31 March, 1–12 April 2002–2003	<i>Artemisia arbuscula</i> / <i>Poa</i> spp., <i>Pseudoroegneria spicata</i>	Fabaceae	N
<i>Trifolium repens</i>	<i>Trifolium repens</i>	N/A	Food	B	Wallestad et al. 1975	Central Montana	MT	Crop dissection	Year round 1953–1973	N/A	Fabaceae	I
<i>Trifolium</i> spp.	<i>Trifolium</i>	N/A	Food	B	Martin 1970	Big Sheep Creek Basin, southwestern Beaverhead County	MT	Habitat and crop dissection	Summer 1962–1964	<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> , <i>Agropyron spicatum</i> , <i>Poa</i> spp.	Fabaceae	I, N
<i>Trifolium</i> spp.	<i>Trifolium</i>	Food	N/A	B	Drut et al. 1994	Hart Mountain National Antelope Refuge, Lake County, and Jackass Creek, Harney County	OR	Crop dissection	June–July 1989–1990	<i>Artemisia arbuscula</i> , <i>Artemisia tridentata</i> , <i>Purshia tridentata</i> / <i>Poa</i> spp., <i>Agropyron</i> spp., <i>Stipa</i> spp., <i>Festuca</i> spp.	Fabaceae	I, N
<i>Trifolium</i> spp.	<i>Trifolium</i>	N/A	Food	L	Barnett and Crawford 1994	Eastern Lake County, western Harney County	OR	Crop dissection	4 March–8 April 1990–1991	<i>Artemisia arbuscula</i> / <i>Agropyron spicatum</i> and <i>Poa sandbergii</i>	Fabaceae	I, N
<i>Verbena bracteata</i>	<i>Verbena bracteata</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Verbenaceae	N
<i>Vicia americana</i>	<i>Vicia americana</i>	Food	N/A	B	Peterson 1969	Central Montana, near Winnett	MT	Crop dissection	Summer 1966, 1968	N/A	Fabaceae	N
<i>Xanthium strumarium</i>	<i>Xanthium strumarium</i>	Cover	Cover	B	Peterson 1969	Central Montana, near Winnett	MT	Habitat	Summer 1966, 1968	N/A	Asteraceae	N