Common Name	Scientific Name	Distribution	On an Island?	TNF District	ADFG GMU	Comments	References
plants are expected to inc	crease and expand in the regi-	nt species have now been documented in so on as road networks and other human activ ral of which are considered invasive (Lome	outheast Alask ities increase	and expand, and char	1 2007). Twent		
bull thistle	Cirsium vulgare	Many sites on Prince of Wales I., and near the towns of Gustavus, Haines, Ketchikan, Wrangell, and Metlakatla.	Y	Thorne Bay, Craig, Ketchikan and Wrangell RDs	GMU 1ABCD, 2	A Native to Europe, western Asia, and northern Africa, it competes with native species for water, nutrients, and space, and displacing native species.	Schrader and Hennon (2005); ANHP (2006)
Canada thistle	Cirsium arvense	Very abundant around Haines; widely distributed on Prince of Wales Island; expanding range now includes Petersburg, Ketchikan, Wrangell, and Sitka.	Y	Thorne Bay, Craig, Petersburg, Wrangell, Ketchikan, and Sitka RDs	GMU 1AB, 2, 3, 4	Threatens coastal meadows and riparian areas.	Schrader and Hennon (2005)
garlic mustard	Alliara petiolata	Currently restricted to Juneau area	N	Juneau RD	GMU 1C	Often dominates the understory in forested areas and out-competes native species; readily spreads into undisturbed forests and species-rich sites.	Schrader and Hennon (2005); ANHP (2006)
non-native yellow- flowered hawkweeds (chickweeds)	Hieracium spp.	Currently found near Juneau, Petersburg, and Wrangell. One species (<i>H. pilosella</i>) occurs on Prince of Wales I.	Y	Juneau, Petersburg, Wrangell, and Craig/Thorne Bay RDs	GMU 1BC, 2, 3	These non-native plants are widely scattered in Alaska and Yukon Territory.	Schrader and Hennon (2005); ANHP (2006)
Japanese/giant knotweed	Polygonum cuspidatum/ P. sachalinense	Species and hybrids now established around most towns in the region.	Y	Region-wide	Region- wide	Found on roadsides, stream banks, and beach meadows. Known to clog waterways and reduce quality habitat for aquatic wildlife.	Schrader and Hennon (2005); ANHP (2006)
perennial sowthistle	Sonchus arvensis	Reported from Gustavus, Haines, Hoonah, Ketchikan, Juneau, and Admiralty and Prince of Wales islands.	Y	Hoonah, Ketchikan, Juneau, and Craig/Thorne Bay RDs	GMU 1ACD, 2, 4	Threatens native beach grass communities. Host to a number of plant pests. Also reported in s-c and c Alaska.	Schrader and Hennon (2005); ANHP (2006)
ornamental jewelweed	Impatiens glandulifera	Documented in Haines and Juneau.	N	Juneau RD	GMU 1C, D	Invading undisturbed beach fringes. Also recorded in Anchorage.	Schrader and Hennon (2005); ANHP (2006)
reed canarygrass	Phalaris arundicacea	Widely distributed across the region; extremely prevalent in wetlands in Juneau, Wrangell, Petersburg, and on Prince of Wales and outer islands, including Warren and Dall.	Y	Region-wide	Region- wide	Highly invasive, forming dense, persistent, monotypic stands in wetlands. Was used throughout southeast Alaska to stabilize road banks.	Schrader and Hennon (2005)
spotted knapweed	Centaurea biebersteinii	Currently found near Haines, Kake, Ketchikan, and along roads on Prince of Wales Island. Successfully eradicated from Dyea.	Y	Petersburg, Ketchikan, Craig/Thorne Bay RDs	GMU 1AD, 2, 3	Invades riparian areas, and an enormous problem elsewhere.	Schrader and Hennon (2005)
tansy ragwort	Senecio jacobaea	Found in vicinities of Ketchikan, Kake, Wrangell, and on Prince of Wales I.	Y	Ketchikan, Wrangell, Petersburg, and Craig/Thorne Bay RDs	GMU 1AB, 2, 3	Toxic to livestock and humans; invades coastal meadows. Also reported from Anchorage.	Schrader and Hennon (2005); ANHP (2006)

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white/yellow sweetclover	Melilotus alba/M. officinalis	Widely distributed along roadways in the region, and now established along long stretches of the Stikine R.	Y	Region-wide	Region- wide	An aggressive invader that spreads quickly along riparian areas, riverbanks, and roadways.	Schrader and Hennon (2005)
yellow toadflax (butter & eggs)	Linaria vulgaris	Well established along roadways in Juneau, Haines and Skagway.	N	Juneau RD	GMU 1CD	An aggressive invader that forms dense, suppressive colonies.	Schrader and Hennon (2005)
orange hawkweed	Hieracium aurantiacum	Established along road systems of Haines, Juneau, Ketchikan, Petersburg, Sitka, Wrangell, and Prince of Wales Island	Y	Juneau, Ketchikan, Petersburg, Sitka, Wrangell, and Craig/Thorne Bay RDs	GMU 1ABCD, 2, 3, 4	Capable of aggressive invasion along beaches and rivers.	Schrader and Hennon (2005)
common tansy	Tanacetum vulgare	Reported from Gustavus, Haines, Juneau, Kake, Petersburg, Sitka, Skagway, Wrangell, and Prince of Wales Island.	Y	Juneau, Petersburg, Sitka, Wrangell, and Craig/Thorne Bay RDs	GMU 1BCD, 2, 3, 4	A European invasive found along roadways, rivers and stream banks. Has become established in beach meadows near Haines.	Schrader and Hennon (2005); ANHP (2006)
ox-eye daisy	Leucanthemum vulgare	Now common throughout the region.	Y	Region-wide	Region- wide	Aggressive invader along roadsides, disturbed areas, and beach meadows.	Schrader and Hennon (2005)
spotted catsear	Hypochaeris radicata	Reported from Ketchikan, Hoonah, Petersburg, Wrangell, Sitka; extensive on Prince of Wales I.	Y	Ketchikan, Petersburg, Wrangell, Sitka, Hoonah, and Craig/Thorne Bay RDs	GMU 1AB, 2, 3, 4	Roadsides, disturbed areas, meadows.	Schrader and Hennon (2005)
scotchbroom	Cytisus scoparius	This exotic invasive has now escaped cultivation and now established on Prince of Wales Island, and in Ketchikan, Petersburg, Sitka, and Hoonah. Has also been found on Heceta Island.	Y	Ketchikan, Petersburg, Sitka, Hoonah, and Craig/Thorne Bay RDs	GMU 1A, 2, 3, 4	A woody shrub that forms dense stands along forest edges, clearings, and meadows.	Schrader and Hennon (2005)
black medick	Medicago lupulina	Extensive on Prince of Wales Island; in Ketchikan and Kake.	Y	Ketchikan, Petersburg, and Craig/Thorne Bay RDs	GMU 1A, 2, 3	Known to establish in undisturbed areas, and isan alternate host for a number of viruses. Has been recorded from all eco-geographic regions in Alaska	Schrader and Hennon (2005); ANHP (2006)
sweetrocket	Hesperis matronalis	Reported from Ketchikan, Juneau, and Wrangell.	Y	Juneau, Ketchikan, and Wrangell RDs	GMU 1ABC	Grows in moist to mesic woodlands and meadows, along roadsides, and in open areas. Competes with native species and is an alternate host for number of viruses.	Schrader and Hennon (2005); ANHP (2006)
common St. Johnswort	Hypericum perforatum	Reported from Hoonah, Ketchikan, Petersburg, Sitka, and Prince of Wales Island.	Y	Ketchikan, Petersburg, Sitka, Hoonah, and Craig/Thorne Bay RDs	GMU 1A, 2, 3, 4	Establishes along roadsides and in disturbed sites that includes logged areas.	Schrader and Hennon (2005); ANHP (2006)

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TERRESTRIAL INVERTEBRATES							
giant gardenslug	Limax maximus	Eurasian and North African exotic introduced to Haines area, Juneau, and several other towns in Southeastern	Y	Juneau RD, others	GMU 1CD, others	A large, dark, nocturnal slug that eats mainly fungi and decaying plant matter	USFS (2007); Forsyth (pers. comm.)
hedgehog arion (slug)	Arion intermedius	European exotic found on Haida Gwaii and Vancouver Island	Y				Forsyth (2004)
chocolate arion (slug)	Arion rufus	European exotic introduced to Haida Gwaii	Y				Forsyth (2004)
dusky arion (slug)	Arion subfuscus	European exotic introduced to Haida Gwaii	Y				Forsyth (2004)
gray fieldslug	Deroceras reticulatum	Wide-spread exotic found on Haida Gwaii	Y				Forsyth (2004)
garlic glass-snail	Oxychilus alliarius	Western European exotic introduced to Haida Gwaii	Y				Forsyth (2004)
spruce aphid	Elatobium abietinum	Spruce aphids occur throughout southeast Alaska and have been on the rise in the region since the 1990s. Outbreaks are usually preceded by mild winters.	Y	Region-wide	Region- wide	Originally from Europe, these insects became established throughout west coast Sitka spruce forests by 1927, and southeast Alaska by the 1930s.	Juneau Empire archives; USFS (2007)
birch leafminer	Fenusa pusilla	Haines-Skagway area	N	Juneau RD	GMU 1D	A native of Europe; also reported from some areas in southcentral and central Alaska	McClory & Gotthardt (2008)
western tent caterpillar	Malacosoma californicum	Recently found in southeast Alaska at Hyder.	N	Ketchikan RD	GMU 1A	This potentially devastating invasive west coast forest pest was first reported (and evidently eradicated) in Anchorage in 1998 and again in 2003.	USFS (2003, 2007); McClory & Gotthardt (2008)
European yellow underwing moth	Noctua pronuba	First discovered in Haines and St. Lazaria Island in 2005; confirmed throughout southeast Alaska in 2006, including Sitka, Prince of Wales Island, Thorne Bay, Juneau, and Ketchikan. In 2007, it was found in Wrangell and Skagway.	Y	Region-wide	Region- wide	The larvae are generalist feeders and have been recorded on grasses, dock and dandelions, and a wide range of wild and cultivated herbaceous plants.	USFS (2007)
AMPHIBIANS Pacific chorus frog	Pseudacris regilla	Ward Lake area, Revillagigedo I.	Y	Ketchikan RD	GMU 1A	One record from Annette Island. Unconfirmed reports of occurrence near Hyder and Barnes Lake area, Stikine River (native?)	MacDonald & Cook (2007)
red-legged frog	Rana aurora	Freshwater Ba;y area, Chichagof I.	Y	Sitka RD	GMU 4	Exotic populations expanding	MacDonald & Cook (2007)
roughskin newt	Taricha granulosa	Sitka and Juneau areas	Y	Juneau and Sitka RDs	GMU 1C,	Translocated native species	MacDonald & Cook (2007)

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FISH Atlantic salmon	Salmo salar	Escapees from salmon farms in British Columbia are increasingly appearing in southeast Alaska waters, both salt and fresh.	Y	Region-wide	Region- wide	Total number of Atlantic salmon estimated annually in southeast Alaska has been increasing in recent years from several hundred to a few thousand, with the majority of recoveries from around Ketchikan and Petersburg.	ADFG (2002)
brook trout	Salvelinus fontinalis	Non-native stocked in southeast Alaska rivers, streams and lakes between 1917 and 1950. Few survived except in some lakes, primarily subalpine, among them Green, Heart, Thimbleberry, and Long lakes near Sitka; Crystal Lake near Petersburg; Grace, Ketchikan, Shelocum, and Perseverance lakes in the Ketchikan area; Emerald (Texas) Lake near Hyder; Lower and Upper Dewey lakes near Skagway; Rustabach Lake near Haines; and Salmon Creek Reservoir near Juneau.	Y	Ketchikan, Petersburg, Juneau, and Sitka RDs	GMU 1ABCD, 3, 4	Generally where brook trout have become established, native dolly varden (Salvelinus malma) are not found.	Schmidt (1994); Schrader and Hennon (2005)
arctic grayling	Thymallus arcticus	Stocked in a number of lakes in the region, including Antler Lake near Juneau; Big Goat, Tyee, and Manzoni lakes in the Ketchikan vicinity; and several on Prince of Wales Island.	Y	Juneau, Ketchikan, Craig/Thorne Bay RDs	GMU 1AC, 2		Gurney (2006)
northern pike	Esox lucius	Established in a series of small ponds in the Ahrnklin River drainage near Yakutat.	N	Yakutat RD	GMU 5A	A species of greatest immediate concern in the Alaska Aquatic Nuisance Species Management Plan.	Fay (2002); Schrader & Hennon (2005)
BIRDS	<u> </u>						
rock dove	Columba livia	Primarily in cities and towns of region	Y	Region-wide	Region- wide	Established resident	Schrader & Hennon (2005)
house finch	Passer domesticus	Casual in southeast Alaska at Petersburg, with most records from Ketchikan	Y	Ketchikan and Petersburg RDs	GMU 1A,	Not yet established	West (2008)
European starling	Sturnus vulgaris	Found primarily near the cities and towns of the region	Y	Region-wide	Region- wide	Established resident	West (2008)

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TERRESTRIAL N	TERRESTRIAL MAMMALS								
American beaver	Castor canadensis	(re?)introduced to Baranof island; also Haida Gwaii	Y	Sitka RD	GMU 4	(re?)established population	MacDonald and Cook (2007)		
red squirrel	Tamiasciurus hudsonicus	Translocated to Baranof, Chichagof, and Admiralty islands. Now also present on Inian, Kruzof, Moser, Partofshikof, and Yakobi islands. Non-native populations have become established on at least 11 islands in the Haida Gwaii archipelago	Y	Hoonah and Sitka RDs, and Admiralty NM	GMU 4	There was an unsuccessful attempt to transplant red squirrels to Prince of Wales Island in 1931	MacDonald and Cook (2007); Nagorsen (2005)		
common muskrat	Ondatra zibethicus	Successfully introduced to Haida Gwaii in the 1920s.	Y			Unsuccessful attempts in 1929 to introduce muskrats to Prince of Wales island	MacDonald and Cook (2007); Nagorsen (2005)		
house mouse	Mus musculus	Documented from Wrangell, Sitka, and Juneau; also on Moresby Island, Queen Charlottes, and at Prince Rupert, mainland BC	Y	Wrangell, Sitka, and Juneau RDs	GMU 1BC, 4	Recently captured near Juneau; current status elsewhere unknown	MacDonald and Cook (2009)		
brown rat	Rattus norvegicus	Records from Sitka, Juneau, Douglas, Ketchikan, and Petersburg; also still present on Graham, Kunghit and Moresby islands in Haida Gwaii	Y	Sitka, Juneau, Ketchikan and Petersburg RDs	GMU 1AC, 3, 4		MacDonald and Cook (2007); Nagorsen (2005)		
roof rat	Rattus rattus	Originally a species of India and SE Asia, black rats now occur on at least 10 islands in the Haida Gwaii archipelago	Y			Many seabirds have disappeared or are in decline in Haida Gwaii due to brown and black rat predation.	Golumbia (2000); Nagorsen (2005)		
snowshoe hare	Lepus americanus	Juneau area; Douglas Island	Y	Juneau RD	GMU 1C	Probably from Haines stock early last century	MacDonald and Cook (2007)		
domestic rabbit	Oryctolagus cuniculus	Reported present on Betton Island in 1995; current status unknown.				•	MacDonald and Cook (2007)		
red fox	Vulpes vulpes	Introduced for commercial harvest on Cleft, Dry, Kupreanof, Passage, and Sokoi islands between 1894 and 1929; none is known to have survived					MacDonald and Cook (2007)		
American marten	Martes americana	Translocated to Prince of Wales, Baranof, and Chichagof islands between 1934 and 1952 from various sources in the region and elsewhere (Anchorage)	Y	Craig, Thorne Bay, Sitka, and Hoonah RDs	GMU 2, 4	Additional documented records from Kruzof, Otstoia, Partofschikof, and Yakobi islands. Undocumented reports of marten on Tuxekan, Heceta, Suemez, and Dall islands may be from introduced stocks	MacDonald and Cook (2007)		
domestic ferret	Mustela putorius	Feral animals reported near Ketchikan in 1980s but none recently	Y	Ketchikan RD	GMU 1A	Also a 1980s report of ferret on Grant Island, Clover Pass	MacDonald and Cook (2007)		
feral house cat	Felis catus	A large problem in the Wrangell vicinity and probably around other Southeast towns, as well	Y	Region-wide	Region- wide	A number of pet house cat kills of endemic flying squirrel noted on Heceta Island (SOM)			

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raccoon	Procyon lotor	Released on Singa Island in Sea Otter Sound in 1941; still present on El Capitan Island, and possible on nearby Prince of Wales and Kosciusko islands. Formerly present on Japonski Island near Sitka but now believed extirpated. Introduced to one location in Haida Gwaii and subsequently spread throughout the archipelago by mid-1980s	Y	Thorne Bay RD	GMU 2	Approximately 80% of the burrow- nesting seabirds on the Queen Charlotte Islands are now believed at risk from predation by non-native raccoons.	MacDonald and Cook (2007); Hatler et al. (2008)
Sitka black-tailed deer	Odocoileus hemionus sitkensis	Successfully transplated to islands in Yakutat Bay and on Sullivan Island, Lynn Canal. Introduced to the Haida Gwaii Archipelago in 1920s and now found on most of the larger islands.	Y	Yakutat and Juneau RDs	GMU 1D, 5		MacDonald and Cook (2007); Shackleton (1999)
wapiti	Cervus canadensis	Introduced on Etolin Island in 1987; now also breeding population on Zarembo Island, and perhaps Wrangell Island	Y	Wrangell RD	GMU 1B,	From Oregon stocks. Population expanding, with reports from Bushy, Deer, Kupreanof, Mitkof, and Prince of Wales islands; also Cleveland Peninsula	MacDonald and Cook (2007)
mountain goat	Oreamnos americanus	Successfully transplanted on Baranof at Revillagigedo islands.	Y	Sitka and Ketchikan RDs	GMU 1A, 4		MacDonald and Cook (2007)



