APPENDIX 6

Invasive Plant Species

Table 14.—Invasive tree and shrub species by state that are included in i-Tree database (version 7). Table 14 shows which of 279 species are classified as invasive in each state; red cells indicate that the species is classified as invasive in that state. Source references follow the table and are also given in the Literature Cited section of the main report. Some references were obtained circa 2014 and the web addresses are no longer working; some information has been relocated to alternative sites.

	State																																																		
Species	AL	AK	AZ	AR	CA	CO	CT	DE	FL	GA	HI	ID	IL	IN	IA	KS	KY	LA	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ	NM	NY	NC	ND	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VT	VA	WA	WV	WI	WY	
<i>Acacia confusa</i>																																																			
<i>Acacia mearnsii</i>																																																			
<i>Acacia paradoxa</i>																																																			
<i>Acer platanoides</i>																																																			
<i>Acer pseudoplatanus</i>																																																			
<i>Acer tataricum</i> ssp. <i>ginnala</i>																																																			
<i>Adenanthera pavonina</i>																																																			
<i>Aesculus flava</i>																																																			
<i>Ailanthus altissima</i>																																																			
<i>Albizia julibrissin</i>																																																			
<i>Albizia lebeck</i>																																																			
<i>Alhagi maurorum</i>																																																			
<i>Alnus glutinosa</i>																																																			
<i>Alstonia macrophylla</i>																																																			
<i>Amorpha fruticosa</i>																																																			
<i>Aralia elata</i>																																																			
<i>Aralia spinosa</i>																																																			
<i>Ardisia crenata</i>																																																			
<i>Ardisia elliptica</i>																																																			
<i>Arecastrum romanzoffianum</i>																																																			
<i>Azolla pinnata</i>																																																			
<i>Baccharis halimifolia</i>																																																			
<i>Bauhinia variegata</i>																																																			
<i>Berberis bealei</i>																																																			
<i>Berberis thunbergii</i>																																																			
<i>Berberis vulgaris</i>																																																			
<i>Bischofia javanica</i>																																																			
<i>Bocconia frutescens</i>																																																			
<i>Broussonetia papyrifera</i>																																																			
<i>Buddleja davidii</i>																																																			
<i>Buddleja madagascariensis</i>																																																			
<i>Caesalpinia decapetala</i>																																																			

Appendix 6 (<https://doi.org/10.2737/NRS-GTR-200-2021-Appendix6>) in: Nowak, David J. 2021. Understanding i-Tree: Summary of programs and methods. Gen. Tech. Rep. NRS-200-2021. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station. 100 p. [plus 14 appendixes]. <https://doi.org/10.2737/NRS-GTR-200-2021>.

Table 14.—continued.[illegible]

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Table 14.—continued.

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Table 14.—continued.[illegible]

Table 14.—continued.[illegible]

Table 14.—continued.

	State																																																	
Species	AL	AK	AZ	AR	CA	CO	CT	DE	FL	GA	HI	ID	IL	IN	IA	KS	KY	LA	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ	NM	NY	NC	ND	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VT	VA	WA	WV	WI	WY
<i>Vitex trifolia</i>																																																		
<i>Vitex trifolia</i> ssp. <i>litoralis</i>																																																		
<i>Washingtonia robusta</i>																																																		
<i>Wisteria floribunda</i>																																																		
<i>Wisteria sinensis</i>																																																		
<i>Zelkova serrata</i>																																																		

References

Some of the listed web addresses are no longer functional but were active at the time the invasive tree and shrub database was developed for i-Tree (version 7).

- Alabama Invasive Plant Council. 2007. **2007 plant list**. Athens, GA: Center for Invasive Species and Ecosystem Health, Southeast Exotic Pest Plant Council. <http://www.se-eppc.org/alabama/2007plantlist.pdf>.
- Alaska National Heritage Program. 2014. **Non-Native plant data**. Anchorage, AK: University of Alaska Anchorage. <http://aknhp.uaa.alaska.edu/botany/akepic/non-native-plant-species-list/#content>.
- Arizona Wildland Invasive Plant Working Group. 2005. **Invasive non-native plants that threaten wildlands in Arizona**. Phoenix, AZ: Southwest Vegetation Management Association. <https://www.swvma.org/wp-content/uploads/Invasive-Non-Native-Plants-that-Threaten-Wildlands-in-Arizona.pdf>.
- Ashigh, J. Wanstall, J., Sholedice, F. 2010. **Troublesome weeds of New Mexico**. La Cruces, NM: New Mexico State University, College of Agricultural, Consumer and Environmental Sciences, Cooperative Extension Service. 104 p. https://www.nmda.nmsu.edu/wp-content/uploads/2012/04/troublesome_weeds_nm.pdf.
- California Invasive Species Advisory Committee. 2010. **The California invasive species list**. Sacramento, CA: Invasive Species Council of California. <http://www.iscc.ca.gov/docs/CaliforniaInvasiveSpeciesList.pdf>.
- Center for Invasive Species and Ecosystem Health. 2009. **Illinois invasive plant list**. Athens, GA: Center for Invasive Species and Ecosystem Health. [Invasive.org](http://www.invasive.org/species/), <http://www.invasive.org/species/>.
- City of Austin, TX. 2013. **Central Texas invasive plants**. https://www.austintexas.gov/sites/default/files/files/Watershed/invasive/2013_Invasives_guide_small.pdf.
- Colorado Weed Management Association. 2012. **Colorado's noxious weed list**. Arvada, CO: Colorado Weed Management Association. <https://cwma.org/weed-information/weed-list/>.
- Connecticut Invasive Plant Working Group. 2013. **Invasive plant list**. Storrs, CT: University of Connecticut. http://cipwg.uconn.edu/invasive_plant_list/.
- Cusack, C.; Plumb, S.; Prince, D. 2011. **Developing invasive plant outreach and management projects**. Montpelier, VT: The Nature Conservancy (see Table 1.2).
- Cygan, D. 2011. **New Hampshire guide to invasive upland plant species, 3rd edition**. Concord, NH: Department of Agriculture, Division of Plant Industry. <http://www.agriculture.nh.gov/publications-forms/documents/upland-invasive-species.pdf>.
- Delach, A. n.d. **Invasive species in Utah**. <https://defenders.org/sites/default/files/publications/utah.pdf>.
- Florida Exotic Pest Plant Council. 2007. **Florida EPPC's 2007 invasive plant species list**. Athens, GA: Center for Invasive Species and Ecosystem Health, Southeast Exotic Pest Plant Council. <https://www.fleppc.org/list/2007/07list.htm>.
- Forest Invasive Plants Resource Center. 2006. **Iowa**. U.S. Department of Agriculture, Forest Service, Northeastern Area State and Private Forestry. <http://na.fs.fed.us/spfo/invasiveplants/states/ia.asp>.
- Georgia Exotic Pest Plant Council. 2006. **List of non-native invasive plants in Georgia**. Athens, GA: Center for Invasive Species and Ecosystem Health, Southeast Exotic Pest Plant Council. <https://www.gaepcc.org/list/>.
- Grafton, E. 2003. **Dirty dozen**. Charleston, WV: West Virginia Division of Natural Resources, Wildlife Resources. <http://www.wvdnr.gov/Wildlife/DirtyDozen.shtm>.
- Hawaii State Alien Species Coordinator. 2012. **Hawaii's most invasive horticultural plants**. Honolulu, HI: Department of Land and Natural Resources, Division of Forestry and Wildlife. <http://www.gchonolulu.org/FlowerShow2012/HORTICULTURAL%20PLANTS%20Invasive.PDF>. This website is no longer available; a similar, but not exact, list can now be found at: <http://www.hear.org/hortweeds/>.
- Idaho Association of Weed Superintendents and University of Idaho Extension Office. 2020. **Invasive species of Idaho**. <http://invasivespecies.idaho.gov/terrestrial-plants>.
- Illinois Department of Natural Resources. 2020. **Invasive species**. <https://www2.illinois.gov/dnr/conservation/IWAP/Pages/InvasiveSpecies.aspx>.
- Illinois Department of Natural Resources. 2020. **Invasive species campaign**. <https://www2.illinois.gov/dnr/conservation/IWAP/Documents/InvasiveSpecies.pdf>.
- Indiana Cooperative Agricultural Pest Survey. 2007. **Indiana's "Most Unwanted" invasive plant pest list - FY 2007**. West Lafayette, IN: Purdue University, Purdue Extension Entomology. <http://www.extension.entm.purdue.edu/CAPS/downloads/IndianaInvasivePlantPestList.pdf>.
- Indiana Department of Natural Resources. 2020. **Invasive plant species**. <https://www.in.gov/dnr/naturepreserve/4736.htm>.
- Indiana Invasive Species Council. 2020. **Official IISC invasive plant list**. <https://www.entm.purdue.edu/iisc/invasiveplants.html>.
- Invasive Native Plant Society of New Jersey. 2004. **Appendix to policy directive 2004-02 invasive nonindigenous plant species**. <https://www.nj.gov/dep/commissioner/policy/pdir2004-02.htm>.
- Iowa Department of Natural Resources. **Invasive plants**. Des Moines, IA: Department of Natural Resources, Forestry Bureau. <http://www.iowadnr.gov/Environment/Forestry/ForestHealth/InvasivePlants.aspx>.
- Jardine, J.; Witsell, T. n.d. **Working list of non-native invasive plant species of concern to natural areas in Arkansas**. Arkansas Native Plant Society. [URL no longer available.]
- Kansas Forest Service. 2020. **Invasive species**. https://www.kansasforests.org/forest_health/invasivespecies.html.
- Kansas Native Plant Society. 2006. **Invasive plants of Kansas**. Lawrence, KS: University of Kansas, R.L. McGregor Herbarium. http://www.kansasnativeplantsociety.org/invasive_plants.htm.
- Kentucky Exotic Pest Plant Council. 2013. **Kentucky exotic pest plant council**. Athens, GA: Center for Invasive Species and Ecosystem Health, Southeast Exotic Pest Plant. <http://www.se-eppc.org/ky/list.htm>.
- Ling, H. 2003. **Invasive plant species**. Native Plant Society of New Jersey. http://www.npsnj.org/articles/invasive_plant_species.html.
- Maine Legislature. 2000. **An act to prevent the spread of invasive aquatic plants**. Augusta, ME: Maine State Legislature, Office of the Revisor of Statutes. <http://www.mainelegislature.org/ros/LOM/LOM119th/5Pub701-750/5Pub701-750-21.htm>.
- Maine Department of Agriculture, Conservation, and Forestry. Various dates. **Maine invasive plant fact sheets**. Augusta, ME: Department of Agriculture, Conservation, and Forestry, Maine Natural Areas Program. http://www.maine.gov/dacf/mnap/features/invasive_plants/inv sheets.htm.
- Maryland Invasive Species Council. 2014a. **Invasive species of concern in Maryland: terrestrial plants**. http://www.mdinvasivesp.org/list_terrestrial_plants.html.
- Maryland Invasive Species Council. 2014b. **Invasive species of concern in Maryland: aquatic plants**. http://www.mdinvasivesp.org/list_aquatic_plants.html.

- Massachusetts Invasive Plant Advisory Group. 2005. **The evaluation of non-native plant species for invasiveness in Massachusetts.** http://www.massnrc.org/mipag/docs/MIPAG_FINDINGS_FINAL_042005.pdf.
- McAvoy, W.A. 2001. **Invasive plant species in Delaware.** Dover, DE: Department of Natural Resources and Environmental Control. <http://www.dnrec.state.de.us/fw/invasive.htm>.
- Michigan Natural Features Inventory. 2014. **Michigan invasive plant species accounts.** Lansing, MI: Michigan State University Extension, Michigan Natural Features Inventory. <http://mnfi.anr.msu.edu/invasive-species/factsheets.cfm>.
- Minnesota Department of Natural Resources. 2014a. **Invasive terrestrial plants.** <http://www.dnr.state.mn.us/invasives/terrestrialplants/index.html>.
- Minnesota Department of Natural Resources. 2014b. **Invasive aquatic plants.** <http://www.dnr.state.mn.us/invasives/aquaticplants/index.html>.
- Mississippi Exotic Pest Plant Council. 2014. **Noteworthy exotic plant species of Mississippi.** Athens, GA: Center for Invasive Species and Ecosystem Health, Southeast Exotic Pest Plant. http://www.se-eppc.org/mississippi/MS_EPPCList_Ranking_Guidelines.pdf.
- Missouri Botanical Garden. 2002. **Missouri exotic pest plants.** St. Louis, MO: Missouri Botanical Garden. <http://www.mobot.org/mobot/research/mepp/alphalist.shtml>.
- Missouri Department of Conservation. 2020. **Invasives.** <https://nature.mdc.mo.gov/status/>.
- Nebraska Invasive Species Advisory Council. **Invasive plants of Nebraska.** <https://neinvasives.com/ecoregions/all>.
- New Hampshire Department of Agriculture. 2012. **Prohibited invasive plant species rule.** Concord, NH: Department of Agriculture, Division of Plant Industry. <http://www.agriculture.nh.gov/publications-forms/documents/prohibited-invasive-species.pdf>.
- New Hampshire Department of Agriculture. 2014. **List of restricted species.** Concord, NH: Department of Agriculture, Division of Plant Industry. <http://www.agriculture.nh.gov/publications-forms/documents/restricted-invasive-species.pdf>.
- New Mexico Department of Agriculture. 2020. **Noxious weed information.** <https://www.nmda.nmsu.edu/nmda-homepage/divisions/apr/noxious-weed-information/>.
- New York State Department of Environmental Conservation. 2020. **Invasive species regulations.** <https://www.dec.ny.gov/animals/99141.html>.
- New York State Department of Environmental Conservation. **Interim invasive species plant list.** <http://www.dec.ny.gov/animals/65408.html>.
- North Carolina Native Plant Society. 2010. **Invasive exotic species list.** Greensboro, NC: North Carolina Native Plant Society. <http://www.ncwildflower.org/invasives/list.htm>.
- North Dakota Department of Agriculture. 2020. **Noxious weeds.** <https://www.nd.gov/ndda/plant-industries/noxious-weeds>.
- North Dakota Department of Agriculture. **Catalogue of species.** [URL no longer available.].
- Northwest Illinois Forestry Association. 2020. **Exotic invasive plants.** <http://www.nifatrees.org/Invasive-Species>.
- Ohio Department of Agriculture. 2018. **Invasive plants.** <https://agri.ohio.gov/wps/portal/gov/oda/divisions/plant-health/invasive-pests/invasive-plants>.
- Ohio Division of Natural Areas and Preserves. 2000. **Ohio's invasive plant species.** Columbus, OH: Department of Natural Resources, Division of Natural Areas and Preserves.
- OK Invasives. 2020. **Invasive species to keep an eye on!** <https://www.okinvasives.org/watch-list-1>.
- Oklahoma Native Plant Society; Oklahoma Biological Survey; OSU Natural Resource Ecology and Management. **Oklahoma non-native invasive plant species.** Norman, OK: Oklahoma Invasive Plant Council. [URL no longer available.].
- Pennsylvania Department of Conservation and Natural Resources. **Invasive plants in Pennsylvania.** Harrisburg, PA: Department of Conservation and Natural Resources. http://www.dcnr.state.pa.us/cs/groups/public/documents/document/dcnr_20026634.pdf.
- Pernas, T.; Giardina, D.; Duquesnel, J.; Franck, A.; Hammer, R.L. [et al.]. 2019. **Florida Exotic Pest Plant Council's 2019 list of invasive plant species.** http://bugwoodcloud.org/CDN/fleppc/plantlists/2019/2019_Plant_List_ABSOLUTE_FINAL.pdf.
- Rhode Island Invasive Species Council; Rhode Island Natural History Survey. 2001. **Invasives: list.** http://rinhs.org/wp-content/uploads/2011/10/RIISC_2001list_wlogos.pdf.
- Smith, C. 2008. **Invasive exotic plants of North Carolina.** Charlotte, NC: North Carolina Department of Transportation. http://www.se-eppc.org/northcarolina/NCDOT_Invasive_Exotic_Plants.pdf.
- South Carolina Exotic Pest Plant Council. 2008. **Invasive species list 2008.** Athens, GA: Center for Invasive Species and Ecosystem Health. <http://www.invasive.org/species/list.cfm?id=27>.
- South Dakota Department of Agriculture. 2020. **State noxious weed & pest list.** <https://sdda.sd.gov/ag-services/weed-and-pest-control/weed-pest-control/sd-state-noxious-weed-declared-pest-list-and-distribution-maps/>.
- State of Michigan. 2020. **Michigan invasive species.** https://www.michigan.gov/invasives/0,5664,7-324-68002_71240_73850---,00.html.
- Stoddard, S.W.; Johnson, W.S.; Wilson, R.E. 2013. **Invasive plants in Nevada: An identification handbook.** SP 96-03. Reno, NV: University of Nevada, Cooperative Extension. <http://www.unce.unr.edu/publications/files/ag/other/sp9603.pdf>.
- Tennessee Exotic Pest Plant Council. 2009. **TN-EPPC invasive exotic pest plants in Tennessee.** Fairview, TN: Tennessee Exotic Pest Plant Council. <https://sites.google.com/site/tnarboretum/Home/tn-eppc-invasive-exotic-pest-plants-in-tennessee>.
- Tennessee Invasive Pant Council. 2020. **TN-IPC 2017 list revision.** <https://www.tnipc.org/revised-list-of-invasive-plants/>.
- TexasInvasives.org. 2020. **Invasives database.** https://texasinvasives.org/plant_database/coa_results.php?offset=12.
- USDA Natural Resources Conservation Service, Plants Database. 2017. **Introduced, invasive, and noxious plants [for Oregon].** <https://plants.usda.gov/java/noxious?rptType=State&statefips=41>.
- USDA Natural Resources Conservation Service. 2017. **Introduced, invasive, and noxious plants [for Washington].** <https://plants.usda.gov/java/noxious?rptType=State&statefips=53>.
- USDA Natural Resources Conservation Service. 2017. **Introduced, invasive, and noxious Plants [for West Virginia].** <https://plants.usda.gov/java/noxious?rptType=State&statefips=54>.
- Vermont Invasive Exotic Plant Committee. 2005. **Invasive species watch list for Vermont.** https://fpr.vermont.gov/sites/fpr/files/Quarantine_WatchListUpdate-2017_November.pdf.
- Virginia Department of Conservation and Recreation. 2009. **Invasive alien plant species of Virginia.** Richmond, VA: Department of Conservation and Recreation, Division of Natural Heritage. [Original URL unavailable.] Updated list: <https://www.dcr.virginia.gov/natural-heritage/document/nh-invasive-plant-list-2014.pdf>.

Watershed Protection Development Review. N.d. **Central Texas invasive plants.** Austin, TX: City of Austin, Watershed Protection Development Review.

Wisconsin Department of Natural Resources. 2018. **Terrestrial invasive species.** <http://dnr.wi.gov/topic/Invasives/species.asp?filterBy=Terrestrial&filterVal=Y>.

WVDNR Natural Heritage Program. 2009. **Invasive plant species of West Virginia.** <http://www.wvdnr.gov/wildlife/Handout%20Invasive%20Plants%20of%20WV%202009.pdf>.

Wyoming Weed and Pest Council. 2019. **State designated noxious weeds.** <https://wyoweed.org/noxious-species/listed-species/state-designated-noxious-weeds/>.