

GEORGIA EXOTIC PEST PLANT COUNCIL

LIST OF NON-NATIVE INVASIVE PLANTS IN GEORGIA



CHRIS EVANS, UGA

Category 1 ALERT Cogongrass (*Imperata cylindrica*)

The purpose of the **Georgia EPPC Invasive Plant List** is to identify and categorize plants that pose threats to natural areas in Georgia. *Natural areas* are those that are managed to conserve or restore native plant communities. This list does not include species that are problematic only in agricultural or pastoral systems. The list does not have regulatory authority; it is intended to aid in land management decisions and increase public awareness of invasive species.

INVASIVE PLANT DEFINITION

An *invasive exotic species* is defined as any species capable of propagating that is not native to that ecosystem, and whose introduction causes, or is likely to cause, environmental harm. Political boundaries are not used when determining the nativity of a species. Instead, a species is defined as exotic when it is not native to a particular ecosystem, making it possible to have a species that is native to parts of Georgia, but considered an invasive exotic in others.

LIST DESCRIPTION

The **Georgia EPPC Invasive Plant List** is separated into 4 categories, and one subcategory (see category definitions on following pages). Species were ranked by EPPC members with input from other professionals and land managers. Detailed distribution information does not exist for many of these species, making it difficult to use demonstrable distribution data as a criterion for ranking a species. Efforts are underway to collect this distribution data and it will be incorporated into future revisions of the List.

Category 1 – A serious exotic plant problem in Georgia natural areas, extensively invading native plant communities and displacing native species.

Scientific Name	Common Name
<i>Ailanthus altissima</i> (P. Mill.) Swingle	tree of heaven
<i>Albizia julibrissin</i> Durazz.	mimosa
<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	alligatorweed
<i>Eichhornia crassipes</i> (Mart.) Solms	common water hyacinth
<i>Elaeagnus umbellata</i> Thunb.	autumn olive
<i>Hedera helix</i> L.	English ivy
<i>Hydrilla verticillata</i> (L. f.) Royle	hydrilla
<i>Lespedeza bicolor</i> Turcz.	shrubby lespedeza
<i>Lespedeza cuneata</i> (Dum.-Cours.) G. Don	Chinese lespedeza
<i>Ligustrum sinense</i> Lour.	Chinese privet
<i>Lonicera japonica</i> Thunb.	Japanese honeysuckle
<i>Lygodium japonicum</i> (Thunb. ex Murr.) Sw.	Japanese climbing fern
<i>Melia azedarach</i> L.	Chinaberrytree
<i>Microstegium vimineum</i> (Trin.) A. Camus	Nepalese browntop
<i>Murdannia keisak</i> (Hassk.) Hand.-Maz.	marsh dewflower
<i>Paulownia tomentosa</i> (Thunb.) Sieb. & Zucc. ex Steud.	princesstree
<i>Pueraria montana</i> (Lour.) Merr.	kudzu
<i>Rosa multiflora</i> Thunb. ex Murr.	multiflora rose
<i>Triadica sebifera</i> (L.) Small	tallow tree
<i>Wisteria sinensis</i> (Sims) DC.	Chinese wisteria



CHRIS EVANS, UGA

Category 2 Bigleaf periwinkle (*Vinca major*)

Category 2 – A moderate exotic plant problem in Georgia natural areas, invading native plant communities and displacing native species, but to a lesser degree than Category 1 species.

Scientific Name	Common Name
<i>Ardisia crenata</i> Sims	coral ardisia
<i>Cinnamomum camphora</i> (L.) J. Presl	camphortree
<i>Cynodon dactylon</i> (L.) Pers	Bermudagrass
<i>Dioscorea oppositifolia</i> L.	Chinese yam
<i>Egeria densa</i> Planch.	Brazilian waterweed
<i>Elaeagnus pungens</i> Thunb.	thorny olive
<i>Leucanthemum vulgare</i> Lam.	oxeye daisy
<i>Ligustrum japonicum</i> Thunb.	Japanese privet
<i>Lonicera maackii</i> (Rupr.) Herder	Amur honeysuckle
<i>Miscanthus sinensis</i> Anders.	Chinese silvergrass
<i>Myriophyllum aquaticum</i> (Vell.) Verdc.	parrot feather watermilfoil
<i>Nandina domestica</i> Thunb.	sacred bamboo
<i>Nasturtium officinale</i> Ait. f.	watercress
<i>Paspalum notatum</i> Flueggé	bahiagrass
<i>Phyllostachys aurea</i> Carr. ex A. & C. Rivière	golden bamboo
<i>Sesbania herbacea</i> (P. Mill.) McVaugh	bigpod sesbania
<i>Sesbania punicea</i> (Cav.) Benth.	rattlebox
<i>Spiraea japonica</i> L. f.	Japanese spirea
<i>Tamarix gallica</i> L.	French tamarisk
<i>Vinca major</i> L.	bigleaf periwinkle
<i>Vinca minor</i> L.	common periwinkle



JIM MILLER, USFS

Category 1 Chinese privet (*Ligustrum sinense*)

Category 1 Alert - Not yet a serious exotic plant problem in Georgia natural areas, but has significant potential to become a serious problem.

Scientific Name	Common Name
<i>Achyranthes japonica</i> (Miq.) Nakai	Japanese chaff flower
<i>Alliaria petiolata</i> (Bieb.) Cavara & Grande	garlic mustard
<i>Arthraxon hispidus</i> (Thunb.) Makino	small carpgrass
<i>Celastrus orbiculatus</i> Thunb.	Oriental bittersweet
<i>Imperata cylindrica</i> (L.) Beauv.	cogongrass
<i>Paederia foetida</i> L.	skunk vine
<i>Polygonum cuspidatum</i> Sieb. & Zucc.	Japanese knotweed
<i>Salvinia molesta</i> D. S. Mitchell	giant salvinia

Category 3 – A minor exotic plant problem in Georgia natural areas, or not yet known to be a problem in Georgia, but known to be a problem in adjacent states.

Scientific Name	Common Name
<i>Alternanthera sessilis</i> (L.) R. Br. ex DC.	sessile joyweed
<i>Ampelopsis brevipedunculata</i> (Maxim.) Trautv.	Amur peppervine, porcelainberry
<i>Anthoxanthum odoratum</i> L.	sweet vernalgrass
<i>Arundo donax</i> L.	giant reed
<i>Berberis thunbergii</i> DC.	Japanese barberry
<i>Broussonetia papyrifera</i> (L.) L'Hér. ex Vent.	paper mulberry
<i>Carduus nutans</i> L.	musk thistle
<i>Centaurea cyanus</i> L.	garden cornflower
<i>Clematis terniflora</i> DC	sweet autumn virginsbower
<i>Colocasia esculenta</i> (L.) Schott	coco yam
<i>Coronilla varia</i> L.	purple crownvetch
<i>Daucus carota</i> L.	Queen Anne's lace
<i>Dioscorea alata</i> L.	water yam
<i>Dioscorea bulbifera</i> L.	air yam
<i>Eragrostis curvula</i> (Schrad.) Nees	weeping lovegrass
<i>Euonymus fortunei</i> (Turcz.) Hand.-Maz.	winter creeper
<i>Hemerocallis fulva</i> (L.) L.	orange daylily
<i>Hibiscus syriacus</i> L.	rose of Sharon
<i>Lantana camara</i> L.	lantana
<i>Lespedeza thunbergii</i> (DC.) Nakai	Thunberg's lespedeza
<i>Ligustrum lucidum</i> Ait. f.	glossy privet
<i>Limnophila sessiliflora</i> (Vahl) Blume	Asian marshweed
<i>Liriope muscari</i> (Dcne.) Bailey	monkeygrass
<i>Lolium arundinaceum</i> (Schreb.) S.J. Darbyshire	tall fescue
<i>Lonicera fragrantissima</i> Lindl. & Paxton	sweet breath of spring
<i>Mahonia bealei</i> (Fortune) Carr.	leatherleaf mahonia
<i>Marsilea minuta</i> L.	dwarf waterclover
<i>Melilotus alba</i> Medikus	white sweetclover
<i>Melinis repens</i> (Willd.) Zizka	rose Natal grass
<i>Mentha x piperita</i> L. (pro sp.)	peppermint
<i>Morus alba</i> L.	white mulberry
<i>Mosla dianthera</i> (Buch.-Ham. ex Roxb.) Maxim.	miniature beefsteakplant
<i>Myriophyllum spicatum</i> L.	Eurasian watermilfoil
<i>Panicum repens</i> L.	torpedo grass
<i>Paspalum urvillei</i> Steud.	Vasey's grass
<i>Phragmites australis</i> (Cav.) Trin. ex Steud.	common reed
<i>Poa annua</i> L.	annual bluegrass
<i>Polygonum persicaria</i> L.	spotted ladythumb
<i>Poncirus trifoliata</i> (L.) Raf.	trifoliolate orange
<i>Potamogeton crispus</i> L.	curly pondweed
<i>Pyrus calleryana</i> Dcne.	Callery pear
<i>Rottboellia cochinchinensis</i> (Lour.) W.D. Clayton	itchgrass
<i>Rubus discolor</i> Weihe & Nees	Himalayan blackberry
<i>Sesbania vesicaria</i> (Jacq.) Ell.	bagpod
<i>Solanum viarum</i> Dunal	tropical soda apple
<i>Sorghum halepense</i> (L.) Pers.	Johnsongrass
<i>Stachys floridana</i> Shuttlw. ex Benth.	Florida hedgenettle
<i>Vernicia fordii</i> (Hemsl.) Airy-Shaw	tungoil tree

Category 4 - A naturalized exotic plant (self-sustaining outside of cultivation) in Georgia but generally not a problem in Georgia natural areas, or a potentially invasive plant but additional information is needed to determine its true status.

Scientific Name	Common Name
<i>Akebia quinata</i> (Houtt.) Dcne.	chocolate vine
<i>Allium vineale</i> L.	wild garlic
<i>Alysicarpus vaginalis</i> (L.) DC.	white moneywort
<i>Artemisia vulgaris</i> L.	common wormwood
<i>Bidens bipinnata</i> L.	Spanish needles
<i>Bidens pilosa</i> L.	hairy beggarticks
<i>Bromus arvensis</i> L.	field brome
<i>Bromus secalinus</i> L.	rye brome
<i>Bromus tectorum</i> L.	cheatgrass
<i>Cirsium vulgare</i> (Savi) Ten.	bull thistle
<i>Commelina benghalensis</i> L.	Tropical spiderwort
<i>Cytisus scoparius</i> (L.) Link	scotchbroom
<i>Euonymus alata</i> (Thunb.) Sieb.	winged burning bush
<i>Fatoua villosa</i> (Thunb.) Nakai	hairy crabweed
<i>Firmiana simplex</i> (L.) W. Wight	Chinese parasol tree
<i>Gomphrena serrata</i> L.	arrasa con todo
<i>Ilex cornuta</i> Lindl. & Paxton	Chinese holly
<i>Ilex crenata</i> Thunb.	Japanese holly
<i>Ipomoea coccinea</i> L.	redstar
<i>Ipomoea cordatotriloba cordatotriloba</i> Dennst.	tievine
<i>Ipomoea purpurea</i> (L.) Roth	tall morningglory
<i>Jacquemontia tamnifolia</i> (L.) Griseb.	smallflower morningglory
<i>Kummerowia stipulacea</i> (Maxim.) Makino	Korean clover
<i>Kummerowia striata</i> (Thunb.) Schindl.	Japanese clover
<i>Liriope spicatum</i> Lour.	creeping liriope
<i>Najas minor</i> All.	brittle waternymph
<i>Orobanche minor</i> Smith	small broomrape
<i>Paspalum quadrifarium</i> Lam.	tussock paspalum
<i>Polygonum caespitosum</i> Blume	oriental ladythumb
<i>Polygonum sachalinense</i> F. Schmidt ex Maxim.	giant knotweed
<i>Pyracantha coccinea</i> M. Roemer	scarlet firethorn
<i>Quercus acutissima</i> Carruthers	sawtooth oak
<i>Rosa laevigata</i> Michx.	Cherokee rose
<i>Rubus phoenicolasius</i> Maxim.	wine raspberry
<i>Setaria faberi</i> Herm.	Japanese bristleglass
<i>Setaria pumila</i> (Poir.) Roemer & J.A. Schultes	yellow bristleglass
<i>Setaria viridis viridis</i> (L.) Beauv.	green bristleglass
<i>Sonchus asper</i> (L.) Hill	spiny sowthistle
<i>Sonchus oleraceus</i> L.	common sowthistle
<i>Torilis arvensis</i> (Huds.) Link	spreading hedgeparsley
<i>Verbascum thapsus</i> L.	common mullein
<i>Verbena bonariensis</i> L.	purpletop vervain
<i>Verbena brasiliensis</i> Vell.	Brazilian vervain
<i>Verbena tenuisecta</i> Briq.	moss vervain
<i>Wisteria floribunda</i> (Willd.) DC.	Japanese wisteria



Category 3 Leatherleaf mahonia (*Mahonia bealei*)

The purpose of the Georgia EPPC is to focus attention on:

- 1 the adverse effects exotic pest plants have on the diversity of Georgia's native plants and animals;
- 2 the use of exotic pest plant management to prevent habitat loss;
- 3 the socioeconomic impacts of these plants;
- 4 changes in the seriousness of the different exotic pest plants over time;
- 5 the need to exchange information which helps land owners and managers set priorities for exotic pest plant management.



Category 4 Tievine (*Ipomoea cordatotriloba*)

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