

Water Framework Directive UK Technical Advisory Group

ALIEN SPECIES ALARM LIST

This Guidance Paper is a working draft defined by the UKTAG Alien Species Group. The list will evolve as new information is gathered, and the working draft amended accordingly.	
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WFD Requirement: Alarm list for alien species	

The alarm list has been compiled by the UKTAG Alien Species Group using data from a range of sources, and in the light of comments and suggestions from external reviewers. Its aim is to encourage reporting of any species listed to the relevant authorities and thus provide an opportunity for appropriate action to be taken. The species listed are those thought to pose a risk to surface waters and their ecological status under the EC Water Framework Directive, but whose presence has not yet been recorded in Great Britain. The lists will be kept under continual review and amended as necessary.

England, Scotland and Wales Alarm List

Species	Common name	Species with updated risk assessments by GBNNS
<i>Schizoporella errata</i>	Marine bryozoan	No
<i>Celtodoryx ciocalyptoides</i>	Marine sponge	No
<i>Ocenebra inornata</i>	Asian oyster drill	No
<i>Theora lubrica</i>	Asian semele	No
<i>Megabalanus coccopoma</i>	Titan acorn barnacle	No
<i>Paralithodes camtschaticus</i>	Red king crab	Yes
<i>Mnemiopsis leidyi</i>	Warty comb jelly	No
<i>Proterorhinus marmoratus/semilunaris</i>	Tube-nose goby	Pending
<i>Hydrocotyle sibthorpioides</i>	Lawn pennywort	No
<i>Lagarosiphon muscoides/ Egeria najas</i>	Oxygen weed	No
<i>Ludwigia repens/ L. natans</i>	Red ludwigia/ creeping ludwigia	Pending
<i>Myriophyllum elatinoides</i>	Water milfoil	No
<i>Myriophyllum heterophyllum</i>	Two-leaf water-milfoil	No
<i>Myriophyllum robustum</i>	Stout water-milfoil	No
<i>Typha gracilis</i>	Least bulrush	No
<i>Typha laxmannii/ T. martini, T. stenophylla</i>	Graceful cattail	No
<i>Corbicula fluminalis</i>	Asiatic clam	No
<i>Corbula amurensis</i>	Amur River clam	No
<i>Pontogammarus robustoides</i>	Freshwater amphipod	No

<i>Cercopagis pengoi</i>	Fishhook waterflea	No
<i>Dikerogammarus bispinosus</i>	Freshwater amphipod	No
<i>Jaera istri</i>	Freshwater isopod	No
<i>Limnomysis benedeni</i>	Freshwater shrimp	No
<i>Obesogammarus obesus</i>	Freshwater amphipod	No
<i>Orconectes rusticus</i>	Rusty crayfish	Yes
<i>Gambusia holbrooki</i>	Eastern mosquitofish	No
<i>Neogobius fluviatilis</i>	Monkey goby	No
<i>Neogobius gymnotrachelus</i>	Racer goby	Pending
<i>Neogobius melanostomus</i>	Round goby	Pending

Gyrodactylus salaris has not been included on the alarm list because there are already well-developed contingency plans for this species in [Scotland](#) and [England](#).

Ireland Watch (Alarm) List

Species	Common name
<i>Cabombia caroliniana</i>	Fanwort
<i>Cercopagis pengoi</i>	Fishhook Waterflea
<i>Gyrodactylus salaris</i>	Salmon fluke
<i>Pacifastacus leniusculus</i>	North American Signal crayfish
<i>Dreissena bugensis</i>	Quagga Mussel
<i>Dikerogammarus villosus</i>	Killer shrimp
<i>Leuciscus leuciscus</i>	Dace

ALIEN SPECIES ALARM 'RESERVE' LIST

The reserve list includes species whose distribution and likely threat is unknown but where further information should be obtained in future, where possible.

Species	Description	Species with updated risk assessments by GBNNSS
<i>Cyperus eragrostis</i>	Tall flatsedge	No
<i>Equisetum scirpoides</i>	Dwarf horsetail	No
<i>Glossostigma diandrum</i>	Mudmat	No
<i>Limnobium spongia/ Hydrocharis cordifolia</i>	American spongeplant	No
<i>Micranthemum umbrosum</i>	Shade mudflower	No
<i>Peltandra virginica/ P. tharpaii</i>	Tuckahoe	No
<i>Rotala rotundifolia</i>	Dwarf rotala	No
<i>Chelicorophium robustum</i>	Caspian mud shrimp	No
<i>Misgurnus anguillicaudatus</i>	Oriental weatherfish	No
<i>Misgurnus mizolepis</i>	Chinese weatherloach	No
<i>Monopterus albus</i>	Asian swamp eel	No