



**Norfolk
Non-native
Species
Initiative**

NORFOLK NON-NATIVE SPECIES INITIATIVE

CALL FOR DATA

The Norfolk Non-native Species Initiative (NNSI) was launched in 2008 to promote the prevention, control and eradication of invasive alien species in the county. To facilitate more strategic and priority-driven management of invasive non-native species, we urgently require better data about the distribution of these species across Norfolk. This data will be used directly to help produce a robust Action Plan for the management of key species over the next three to five years.

PRIORITY SPECIES

We are currently focussing on the following **six** species of riparian and aquatic plants, all of which have been identified by stakeholders as particular priorities for action within Norfolk:

Australian swamp stonecrop *Crassula helmsii*
Japanese knotweed *Fallopia japonica*
Giant hogweed *Heracleum mantegazzianum*
Floating pennywort *Hydrocotyle ranunculoides*
Himalayan balsam *Impatiens glandulifera*
Parrot's feather *Myriophyllum aquaticum*

If you (or your organisation) hold any reports, survey data or records on the distribution of these species, we would be very grateful for the information. Ideally, records should be in Excel spreadsheets, with the following columns:

Date:

Species (English Name):

Species (Latin Name):

Grid Reference (8 figures):

Location Name:

Notes: (eg. are control efforts in place?)

Recorder's Name:

Please forward all records to the NNSI Co-ordinator (Mike Sutton-Croft) at the address given below, so that they can be added to the central, county-wide database.

OTHER SPECIES OF CONCERN

Although the species above are currently of most concern, we are also interested in any records of the following to monitor distribution:

Birds

Egyptian goose *Alopochen aegyptiacus*

Greylag goose *Anser anser* (feral)

Canada goose *Branta canadensis*

Ruddy duck *Oxyura jamaicensis*

Mammals

Chinese Water Deer *Hydropotes inermis*

Muntjac *Muntiacus reevesi*

Mink *Mustela vison*

Plants

Piri piri burr *Acaena novae-zelandiae*

Water fern *Azolla filiculoides*

Carolina water-shield/fanwort *Cabomba caroliniana*

South American Waterweed *Elodea calatrachoides*

Canadian pondweed *Elodea canadensis*

Nuttall's pondweed *Elodea nuttallii*

Giant knotweed *Fallopia sachalinensis*

Least duckweed *Lemna minuta (minuscula)*

Small duckweed *Lemna valdiviana*

Fringed water lily *Nymphoides peltata*

Giant butterbur *Petasites japonicus*

Rhododendron *Rhododendron ponticum*

Tapegrass *Vallisneria spiralis*

Grassy arrowhead *Sagittaria graminea*

Fish

Brook trout *Salvelinus fontinalis*

Goldfish *Carassius auratus*

Grass carp *Ctenopharyngodon idella*

Common carp and mirror carp *Cyprinus carpio*

Ide (golden orfe) *Leuciscus idus*

Rainbow trout *Oncorhynchus mykiss*

Bitterling *Rhodeus amarus*

Pikeperch (zander) *Sander lucioperca*

European (wels) catfish *Silurus glanis*

Amphibians and Reptiles

Edible frog *Rana esculenta*

Marsh frog *Rana ridibunda*

Red-eared terrapin *Trachemys scripta elegans*

Other terrapin species

Invertebrates

Narrow-clawed (Turkish) crayfish *Astacus leptodactylus*

Asiatic clam *Corbicula fluminea*

American slipper limpet *Crepidula fornicate*

Zebra mussel *Dreissena polymorpha*

American razor shell *Ensis americanus*

Signal crayfish *Pacifastacus leniusculus*

Freshwater oligochaetes *Branchiura sowerbyi*, *Limnodrilus cervix*

Freshwater malacostracan *Asellus communis*

Freshwater coelenterate *Craspedacusta sowerbyi*

Freshwater triclad *Phagocata woodworthi*, *Planaria torva*

Freshwater molluscs *Physa acuta*, *Ferissia wautieri*, *Marstoniopsis scholtzi*, *Menetus dilatatus*, *Musculium transversum*, *Physa gyrina*, *P.heterostropha*

Freshwater copepods *Lernaea cyprinacea*, *Ergasilus sieboldi*, *Achtheres percarum*, *E. briani*, *Neoergasilus japonicus*, *Tracheliastes polycolpus*

OTHER SPECIES TO WATCH OUT FOR

The species listed below are not currently found within Norfolk. However, they are present in neighbouring areas and will have significant impacts if they move into the county. If these species are identified within Norfolk, please contact the NNNSI Co-ordinator immediately so an appropriate response can be initiated.

Plants

Water hyacinth *Eichomia crassipes*
Large flowered water thyme *Eriaria densa*
Giant rhubarb *Gunnera tinctoria*
Curly water weed *Lagarosiphon major*
Water primrose *Ludwigia peploides*, L.
Water lettuce *Pistia stratiotes*
Duck potato *Sagittaria latifolia*
Giant Salvinia *Salvinia molesta*

Fish

Topmouth gudgeon *Pseudorasbora parva*
Sterlet/sturgeons *All except A. sturio*
Sunbleak *Leucaspis delineatus*

Amphibians

American bullfrog *Rana catesbeiana*
Italian crested newt *Triturus carnifex*
South African clawed toad *Xenopus laevis*

Invertebrates

Noble crayfish *Astacus astacus*
Chinese mitten crab *Eriocheir sinensis*
Spiny-cheek crayfish *Orconectes limosus*
Red swamp crayfish *Procambarus clarkia*
Marbled crayfish *Procambarus* spp.

Please send any information relating to the distribution of the above species to:

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