



Supporting materials

There are various useful external habitat and ID videos available online. Below are links to a number that may be helpful within this theme.

Habitat videos:

Types of Freshwater Ecosystems-Lakes-Ponds-River-Streams-Wetlands:

https://www.youtube.com/watch?v=SexLZlYo_FA

Riparian Habitat – NDGNF:

<https://www.youtube.com/watch?v=c9DVF4ytrig>

Remarkable Riparian Lesson 2: Defining Riparian: <https://www.youtube.com/watch?v=qxy8Xab0pJs>

Lesson 6: The Importance of Riparian Vegetation:

<https://www.youtube.com/watch?v=W2x7K8hEIUU>

Ecology and Restoration of Riparian Vegetation:

<https://www.youtube.com/watch?v=OthPQW-bdAE>

The River Biome:

<https://www.youtube.com/watch?v=p0jPXycQiv4>

Streams and Rivers: Texas Aquatic Science - Chapter 8:

<https://www.youtube.com/watch?v=dJ4HpuT5uGk>

My English Garden Wildlife Pond in April 2020: <https://www.youtube.com/watch?v=aoC4GtRzu7o>

Species ID videos:

Water-plantain (*Alisma plantago-aquatica*): [https://www.youtube.com/watch?v=iYpB3TrgiWE](https://www.youtube.com/watch?v=iYpB3TrgiWE;);

<https://www.youtube.com/watch?v=8PHBS14J5Ls>

Alder (*Alnus glutinosa*): [https://www.youtube.com/watch?v=xpAbsJfRvg](https://www.youtube.com/watch?v=xpAbsJfRvg;);

<https://www.youtube.com/watch?v=sxl3mGNw42A>

Fool's-water-cress (*Apium nodiflorum*): [https://www.youtube.com/watch?v=5ai0fxRjhO8](https://www.youtube.com/watch?v=5ai0fxRjhO8;);

<https://www.youtube.com/watch?v=kQqiqFCEKIO>

Water Fern (*Azolla filiculoides*): <https://www.youtube.com/watch?v=6djy4OYFVPQ> (parts in English, good images)

Lesser Water-parsnip (*Berula erecta*): <https://www.youtube.com/watch?v= DX1amyxGs0;>
<https://www.youtube.com/watch?v=UmfShNQR4X0>

Trifid Bur-marigold (*Bidens tripartita*): https://www.youtube.com/watch?v=mPoXUvbV_hl

Flowering Rush (*Butomus umbellatus*): <https://www.youtube.com/watch?v=SJVDgzpVmqq>

Greater Tussock-sedge (*Carex paniculata*):
<https://www.youtube.com/watch?v=PhwFS8qiLZ8&list=PLQrndnxVEiflplusI9bdIDj9tM94VMOHTt&index=7&t=0s>

Marsh Cinquefoil (*Comarum palustre*)(*Potentilla palustris*): <https://www.youtube.com/watch?v=6C-nACIW5pk>

New Zealand Pigmyweed (*Crassula helmsii*): <https://www.youtube.com/watch?v=0o2203WHI4w>

Wild Teasel (*Dipsacus fullonum*): <https://www.youtube.com/watch?v=gCWDkkCJBnY>

Canadian Waterweed (*Elodea canadensis*): <https://www.youtube.com/watch?v=a7ZuN7ep6M4;>
<https://www.youtube.com/watch?v=3jIHAAnlrTk>

Nuttall's Waterweed (*Elodea nutallii*): <https://www.youtube.com/watch?v=3jIHAAnlrTk>

Water Horsetail (*Equisetum fluviatile*): <https://www.youtube.com/watch?v=qNhgqgYLxCs>

Common Marsh-bedstraw (*Galium palustre*): <https://www.youtube.com/watch?v=QE95hGYDFFM;>
<https://www.youtube.com/watch?v=rDJzDobCKCs>

Reed Sweet-grass (*Glyceria maxima*): <https://www.youtube.com/watch?v=98eqi7hr0ho>

Mare's Tail (*Hippuris vulgaris*): <https://www.youtube.com/watch?v=rYcYAOe7nml;>
<https://www.youtube.com/watch?v=TZBLtpDTtK0>

Water-violet (*Hottonia palustris*): <https://www.youtube.com/watch?v=WP9zyWG5rBg;>
<https://www.youtube.com/watch?v=bAikZfg3t08>

Frogbit (*Hydrocharis morsus-ranae*): <https://www.youtube.com/watch?v=gQazB4n0Zji;>
<https://www.youtube.com/watch?v=hYNLaLNDHU8>

Marsh Pennywort (*Hydrocotyle vulgaris*): <https://www.youtube.com/watch?v=MbAVoRwbAkI>

Yellow Iris (*Iris pseudacorus*): <https://www.youtube.com/watch?v=wl7pDRrlq6g>

Fat Duckweed (*Lemna gibba*): https://www.youtube.com/watch?v=t_mPeJxoDUw

Shoreweed (*Littorella uniflora*): <https://www.youtube.com/watch?v=Tkq5xXGwdHw;>
<https://www.youtube.com/watch?v=0ultUuOwLVY>

Greater Bird's-foot-trefoil (*Lotus pedunculatus*): <https://www.youtube.com/watch?v=4QLpn81IjbQ>

Yellow Loosestrife (*Lysimachia vulgaris*): <https://www.youtube.com/watch?v=uo21wS-qjCs>

Water Mint (*Mentha aquatica*): <https://www.youtube.com/watch?v=tUtz9okBhsY;>
<https://www.youtube.com/watch?v=zq7s5wgbQj4> (good for images)

Bogbean (*Menyanthes trifoliata*): https://www.youtube.com/watch?v=K_gAWxbJp2Y

Parrot's-feather (*Myriophyllum aquaticum*): <https://www.youtube.com/watch?v=a8798i9nCl8>

Water-cress (*Nasturtium officinale*)(*Rorippa nasturtium-aquaticum*):

<https://www.youtube.com/watch?v=p8ix1NnBgec>;

<https://www.youtube.com/watch?v=mJegQVvtZkU>

Yellow Water-Lilly (*Nuphar lutea*): <https://www.youtube.com/watch?v=TXnmm5wBAlI>

White Water-Lilly (*Nymphaea alba*): <https://www.youtube.com/watch?v=FvwUd3XvPAU>

Marsh Lousewort (*Pedicularis palustris*): <https://www.youtube.com/watch?v=s5YT1KXH5uk>

Amphibious Bistort (*Persicaria amphibia*): <https://www.youtube.com/watch?v=yiof6VwsYlg>

Common Bistort (*Persicaria bistorta*): https://www.youtube.com/watch?v=aLmZz9X_oNA;

<https://www.youtube.com/watch?v=y1xkDZtpwTI>

Curled Pondweed (*Potamogeton crispus*): <https://www.youtube.com/watch?v=vcB32FaGYCw>;

https://www.youtube.com/watch?v=x_Xao_-5O10

Perfoliate Pondweed (*Potamogeton perfoliatus*): <https://www.youtube.com/watch?v=xalLTX0vzTo>

Silverweed (*Potentilla anserina*): <https://www.youtube.com/watch?v=oteb6emcvhg>

Celery-leaved Buttercup (*Ranunculus sceleratus*): <https://www.youtube.com/watch?v=tsm12N-kXaA>;

<https://www.youtube.com/watch?v=ltDMKVfOB2g>

Water-crowsfoot (*Ranunculus sp.*): https://www.youtube.com/watch?v=_1VbNZiM8Ps;

https://www.youtube.com/watch?v=dLO-Umx5x_s;

<https://www.youtube.com/watch?v=whFMMJQmmwl>

Water Dock (*Rumex hydrolapathum*): https://www.youtube.com/watch?v=w_5EeTtO4_w

Arrowhead (*Sagittaria sagittifolia*): <https://www.youtube.com/watch?v=QC5Pu9E5ZUs>

Common Club-rush (*Schoenoplectus lacustris*)(*Scirpus lacustris*):

<https://www.youtube.com/watch?v=mvBOiMVOWPE> (good images)

Ragged Robin (*Silene flos-cuculi*)(*Lychnis flos-cuculi*):

<https://www.youtube.com/watch?v=UmzLFy89TqM>

Bittersweet/Woody Nightshade (*Solanum dulcamara*):

<https://www.youtube.com/watch?v=KdyiCLDoJwY>

Branched Bur-reed (*Sparganium erectum*): <https://www.youtube.com/watch?v=bL4ZJ4GRNkU>;

<https://www.youtube.com/watch?v=4PcWmYW5-ro>

Greater Duckweed (*Spirodela polyrhiza*): <https://www.youtube.com/watch?v=WvmQurjWxyA>

Marsh Woundwort (*Stachys palustris*): https://www.youtube.com/watch?v=EZQO_SProy4

Common Comfrey (*Symphytum officinale*):

<https://www.youtube.com/watch?v=PplU0oFvMaE>;

<https://www.youtube.com/watch?v=W8LDNN>

[A-ujM](#)

Common Meadow-rue (*Thalictrum flavum*): <https://www.youtube.com/watch?v=RnWvhtSEjKw>

Bulrush/Common Reedmace (*Typha latifolia*): <https://www.youtube.com/watch?v=uj0nOKTqsZy>

Brooklime (*Veronica beccabunga*): <https://www.youtube.com/watch?v=-UNm3B2AogY>

Tufted Vetch (*Vicia cracca*): <https://www.youtube.com/watch?v=OUfLFmTahYc>;
<https://www.youtube.com/watch?v=j3y1qEkdCdM>

Further online materials that may be useful:

Habitat websites:

Freshwater:

<https://www.wildlifetrusts.org/habitats/freshwater#:~:text=The%20rain%2Dsoaked%20lands%20of,behind%20the%20wildlife%20we%20love.>

Freshwater Habitats Trust: <https://freshwaterhabitats.org.uk/>

UK Terrestrial & Freshwater Habitat Types: Freshwater Habitat descriptions:

<http://data.jncc.gov.uk/data/b0b5e833-7300-4234-8ae5-bdbf326e854c/habitat-types-freshwater.pdf>

Species ID websites:

False Fox-sedge (*Carex otrubae*): <http://www.britishnatureguide.com/false-fox-sedge-carex-otrubae.html>

Bottle Sedge (*Carex rostrata*):

https://www.ukwildflowers.com/Web_pages/carex_rostrata_bottle_sedge.htm

Many-stalked Spike-rush (*Eleocharis multicaulis*):

https://www.norfolkflora.org.uk/rpr_eleocharis_multicaulis

Ivy-leaved Duckweed (*Lemna trisulca*): <https://www.naturespot.org.uk/species/ivy-leaved-duckweed>

Water Lobelia (*Lobelia dortmanna*): <http://www.luontoportti.com/suomi/en/kukkakasvit/water-lobelia>

Useful publications:

NPMS species identification guide:

https://www.npms.org.uk/sites/default/files/PDF/NPMS%20ID%20GUIDE_WEB_0.pdf

Back from the Brink – Flower structure Crib: https://naturebftb.co.uk/wp-content/uploads/2019/08/BFTB-Flower-structure-crib_web.pdf

BSBI Introduction to Sedge identification: https://www.youtube.com/watch?v=PBorMYee1_g

Sedges an introduction: <https://lizzieharper.co.uk/2018/07/sedges-an-introduction/>

Identifying Common Sedges (Carex):

<https://www.youtube.com/watch?v=HbFMBp-2Wyk&t=251s>

Carex (Sedge) Identification with Dr. Anton Reznicek:

<https://www.youtube.com/watch?v=nzpyq8MA7Pg&t=22s>

Key to sedges in Hampshire: <https://www.hantsplants.org.uk/docs/Hants%20Sedge%20Key.pdf>

Wetland sedges of Alaska: [http://www.north-](http://www.north-slope.org/assets/images/uploads/Wetland_Sedges_Alaska.pdf)

[slope.org/assets/images/uploads/Wetland_Sedges_Alaska.pdf](http://www.north-slope.org/assets/images/uploads/Wetland_Sedges_Alaska.pdf)

Grasses, Sedges & Rushes of Whitelee:

<https://www.eastrenfrewshire.gov.uk/CHttpHandler.ashx?id=6298&p=0>

Rushes an introduction: <https://lizzieharper.co.uk/2018/07/rushes-an-introduction/>

Five-minute families-Fabaceae: <https://www.youtube.com/watch?v=dCSUvADPdDQ>