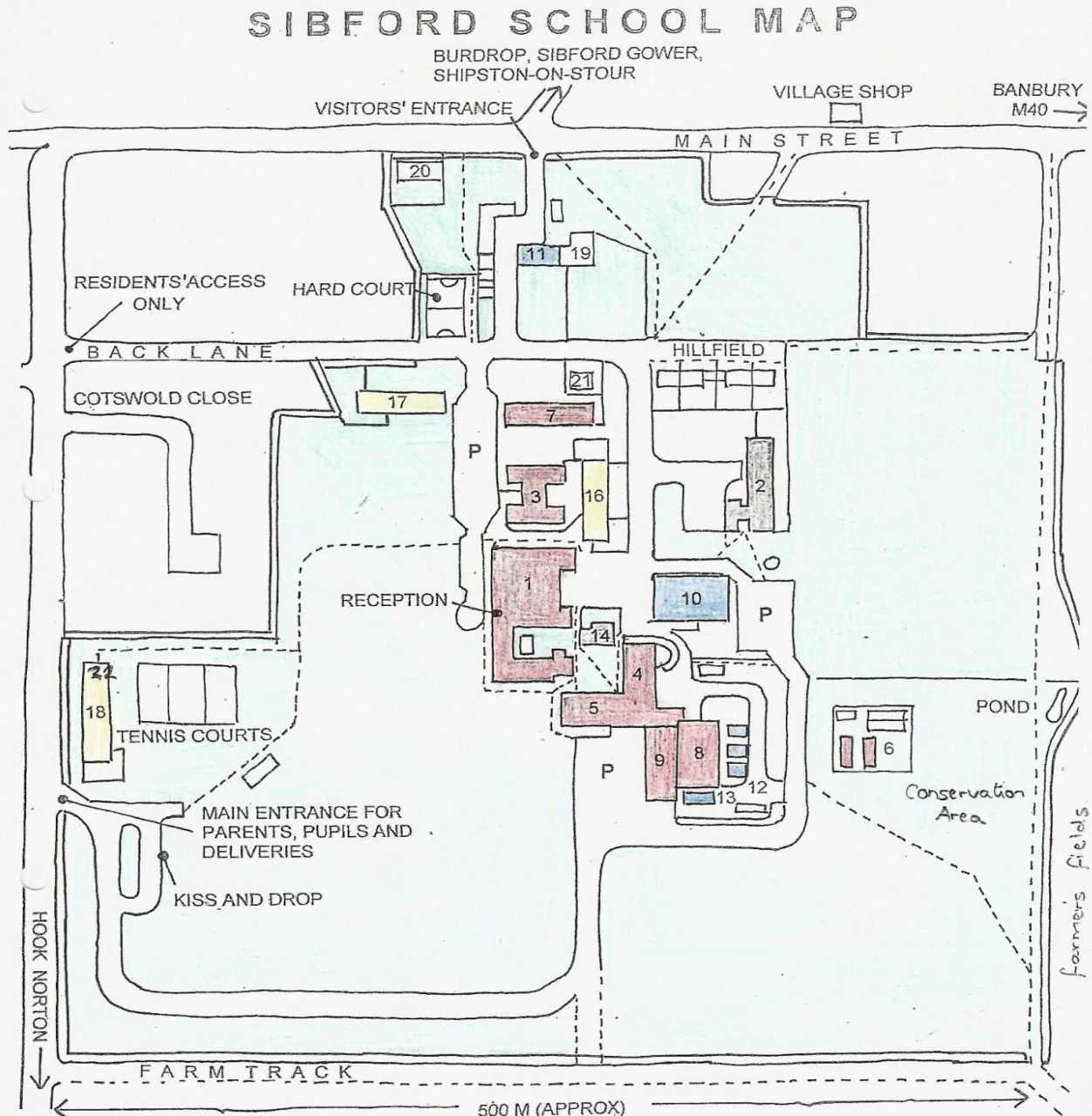







The Conservation Area

This fact file was designed for Unit 15 environmental Interpretation as part of our countryside Management course. This PDF will inform you on the plant and grass species of the pond area, we hope you enjoy and find it informative. By Anna- Rose Critchley and Jack Trinder.



KEY TO BUILDINGS

 TEACHING	 NON TEACHING	 BOARDING	 PLAYING FIELDS, GARDENS AND GREEN OPEN SPACE
1. MAIN BUILDING	10. DINING HALL	16. FIELDING HOUSE	CAMPUS PERIMETER
2. JUNIOR SCHOOL	11. HEALTH CENTRE	17. PENN HOUSE	
3. SCIENCE	12. MAINTENANCE AND GROUNDS	18. MARGARET FELL HOUSE	----
4. ART	13. CHANGING ROOMS	 OTHER	----
5. MUSIC	14. STAFF ROOM	19. HOLLY HOUSE	P PARKING
6. HORTICULTURE		20. THE ARK	
7. SIXTH FORM CENTRE		21. BEECH COTTAGE	
8. SPORTS HALL		22. LAUNDRY AND UNIFORM SHOP	
9. SWIMMING POOL			

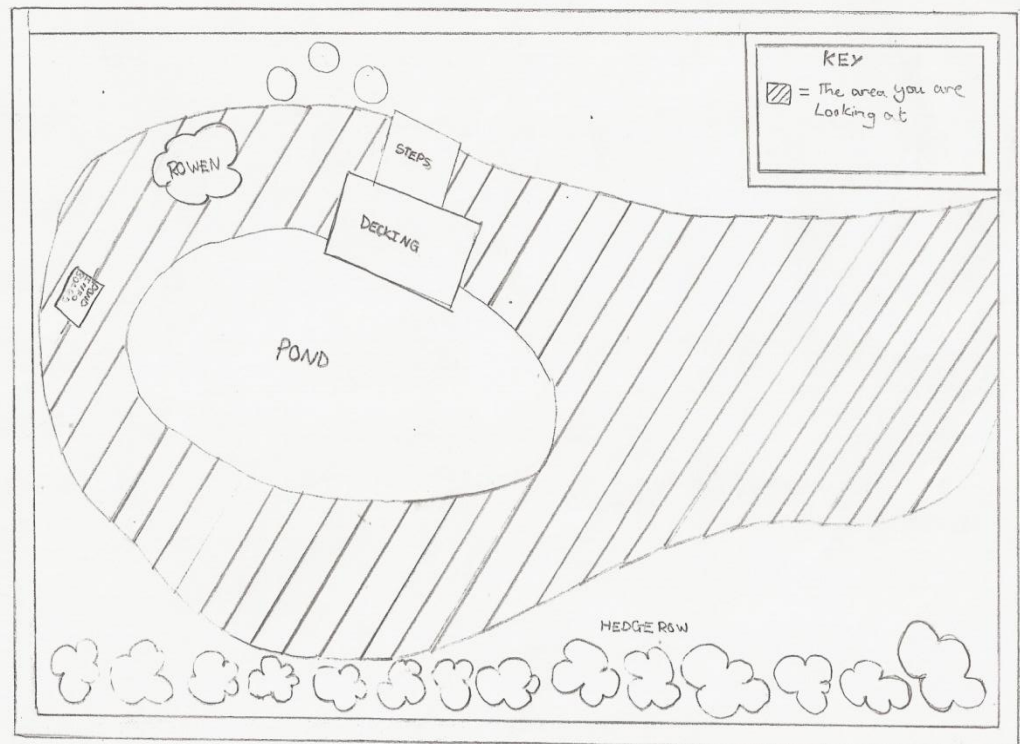
The Conservation Area: The Pond



The conservation area was historically a heath land habitat supporting a rich ecology on acidic soils pH 5.5. With an increase in population and an increased demand for food, the land became more intensively farmed. This land was farmed intensively to grow cereal crops. In 2001 Sibford allowed this land to revert back through natural secession into the wild flower meadow we have now. To increase the biodiversity of this area a pond has been created and trees have been planted to provide a range of habitats.

The conservation area is set on a field margin within the school grounds. This area improves the biodiversity by providing grassland, woodland and aquatic habitats for both flora and fauna species. The site includes; the pond, a small orchard, a woodland and a grassland meadow. The habitat supports many species of invertebrates and mammals. In this PDF we will be introducing you to a range of plant species that play an important role in the ecosystem.

The Conservation Area- The Pond



This map shows the area that this information is looking at.

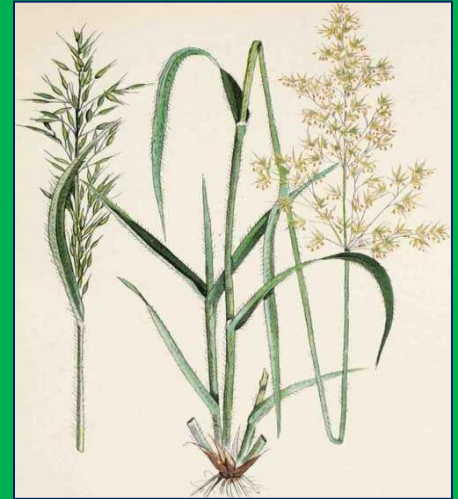
The Conservation Area: The Grassland species 1

Name: False oat grass (*Arrhenatherum Elatius*)

Height: 50 to 150cm

Flowers: June to September

Information: Native perennial, tufted and deep-rooting, common on roadsides, grassy banks and rough grassland throughout Britain.



Name: Soft Brome (*Bromus mollis*)

Height: 25 to 100 cm

Flowers: May to July

Information: Native annual or biennial, common on wasteland, fields, sand dunes and roadsides. The whole plant is softly hairy.



Name: Grey sedge (*Carex divulsa*)

Height: 25 to 75 cm

Flowers: June to July

Information: It is found throughout England and Wales; though more common in the south, in hedgerows, pasture and waste ground. Native perennial, forming dense tufts.



The Grassland species 2

Name: Black-grass (*Alopecurus myosuroides*)

Height: 20cm to 80 cm

Flowers: from May to August

Information: Black grass is a native annual found mainly in the cereal crops growing areas of southern and eastern England. Its seeds ripen before other crops so that the species increases in number every year.



Name: Upright brome grass (Bromus erectus)

Height: 50 to 120cm

Flowers: June to July

Information: Native perennial Often found on well-drained calcareous soils in south, east England.

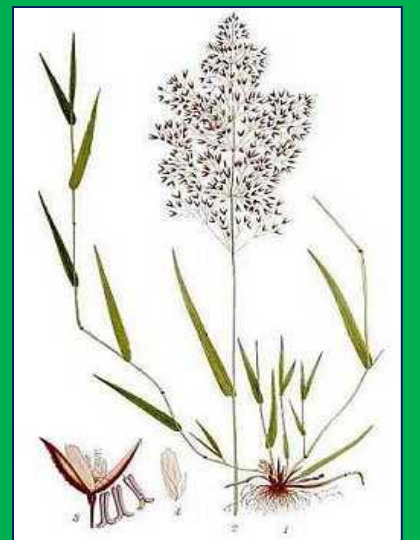


Name: Common bent grass (*Agrostis capillaris*)

Height: 40cm to 120cm

Flowers: June to August

Information: Common Bent grass is a native perennial to great Britain usually found in open woods, grassy banks and as weed on arable land .This grass is common in south England



The Conservation Area: The Wildflower species 1

Name: Primrose(*Primula vulgaris*)

Height: 10-20 cm

Flowers: March to May

Information: Its a Low hairy perennial.. The flowers pale yellow . 20-23 mm , solitary on long hairy stalks ; rarely the common stalk rises just above ground to make a long stalked umbel . Its main habitats are woods, scrub area, grassy banks and sea cliffs.



Name: Red campion (*Silene dioica*)

Height:19-30cm

Flowers: May to October

Information: Red campion grows in roadsides, woodlands, and rocky slopes. It prefers to grow on damp, non-acid soils native to Great Britain .



Name :Meadow Buttercup(*Ranunculus acris*)

Height: up to 100 cm

Flowers: May to October

Information: Widespread and abundant perennial of grassland habitats. Likes meadows and damp grassland.



The Wildflower species 2

Name: Cow Parsley (*Anthriscis sylvestris*)

Height: up to 100cm

Flowers: April to June

Information: Widespread and common throughout on roadside verges and along lanes. it's a Downy perennial herb.. Upright, hollow and ridged stems carry two or three times pinnately divided leaves.



Common Vetch (*Vicia sativa*)

Height: 20—50cm

Flowering: May to September

Information: Common Vetch is a quick growing annual plant which favors neutral or alkali grassy banks and meadows, and situations where the grass is cut in the autumn.



Name: Meadowsweet (*Filipendula ulmaria*)

Height: 100-200cm

Flowering: June to early September

Information: found growing along streams, ditches, marshes and wet meadows throughout England.

