#### Frenchay Biodiversity plan

#### Draft

Date: November 2020

#### Objectives of plan

To enhance and protect the local green areas for the benefit of wildlife and general biodiversity, to provide connectivity and provide protected areas where ecosystems can recover and flourish for the wider benefit of all, including community interaction, education, well being.

| Item                                      | Notes                                                                                                        | Actions                             |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------|
| A. Voluntary Village                      | Implementation of the Pegasus Landscape and Ecology Maintenance Plan ( LEMP) on the basis of low             | Review VVG on                       |
| Green                                     | intervention and soft touch management with particular emphasis on                                           | handover from                       |
| South of Lime Tree Avenue                 | Southern boundary wildlife corridor – enhance and protect as safe habitat                                    | Trust, establish                    |
|                                           | 2. Minimal "formative" tree pruning                                                                          | community work                      |
|                                           | 3. Spring bulb planting programme for "woodland margins"                                                     | groups for planting                 |
|                                           | 4. Wildflower meadow creation in long grass areas as defined in LEMP                                         | and protection                      |
|                                           | 5. Creation of hibernacula, log piles, nest boxes and the like                                               | works                               |
|                                           | 6. LTA meaningful spring bulb planting programme, including memorial influenced concepts                     |                                     |
| B. Voluntary Village                      | The new school development sits alongside the old hospital nature reserve and is in need of                  |                                     |
| Green                                     | regeneration after years of neglect. The objectives here should have a strong bias relating to the school    | Review School                       |
| New school area and<br>"access to school" | and developing ecological awareness, appreciation and enjoyment for the children and could include           | plans, establish<br>longer term     |
|                                           | 1. Community Orchard along the new pedestrian access to the school named "Woodward Walk"                     | objectives to work                  |
|                                           | ( named in memory of Bob Woodward and his contribution to CLIC)                                              | in hand with the school and the new |
|                                           | 2. Community / school garden with edible plantings                                                           | use of the area                     |
|                                           | 3. Regeneration (re -digging and lining and planting) the existing dilapidated wildlife pond                 | acc of the area                     |
|                                           | 4. Arborists works to re shape the neglected plantation "woodland" with a view to improving habitat creation |                                     |
|                                           | 5. Review numerous public paths through the existing wood, habitat sanctuaries / no go areas.                |                                     |
|                                           | See plans below                                                                                              |                                     |



## Existing wildlife pond.

This is in a terrible state and needs a new pond liner so it can hold water again .

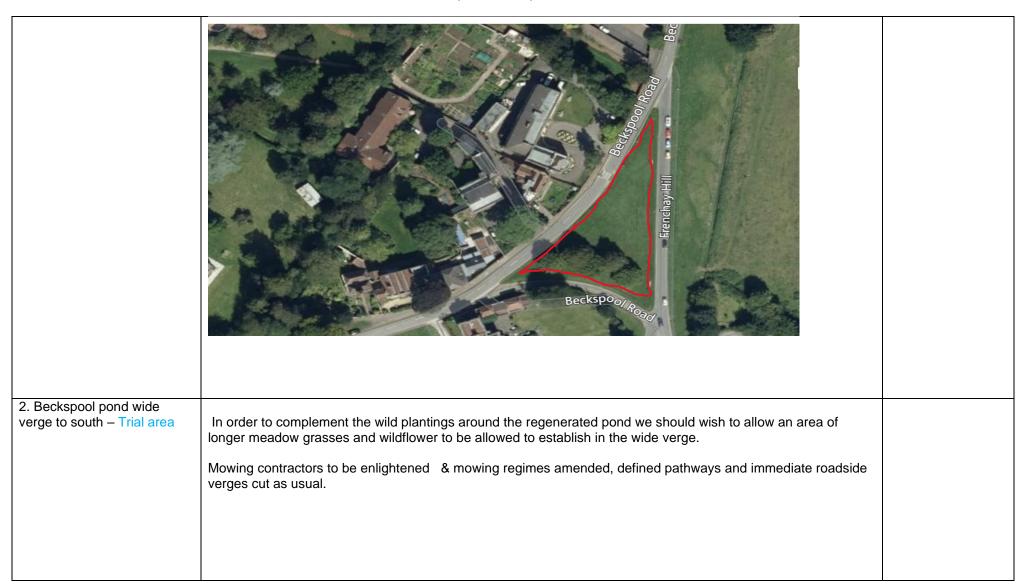
This was constructed some 40 yrs ago as a community initiative and the area needs to be regenerated so it can be of ecological value and an educational amenity for the new school



New school access
"Woodward Walk" and
community orchard

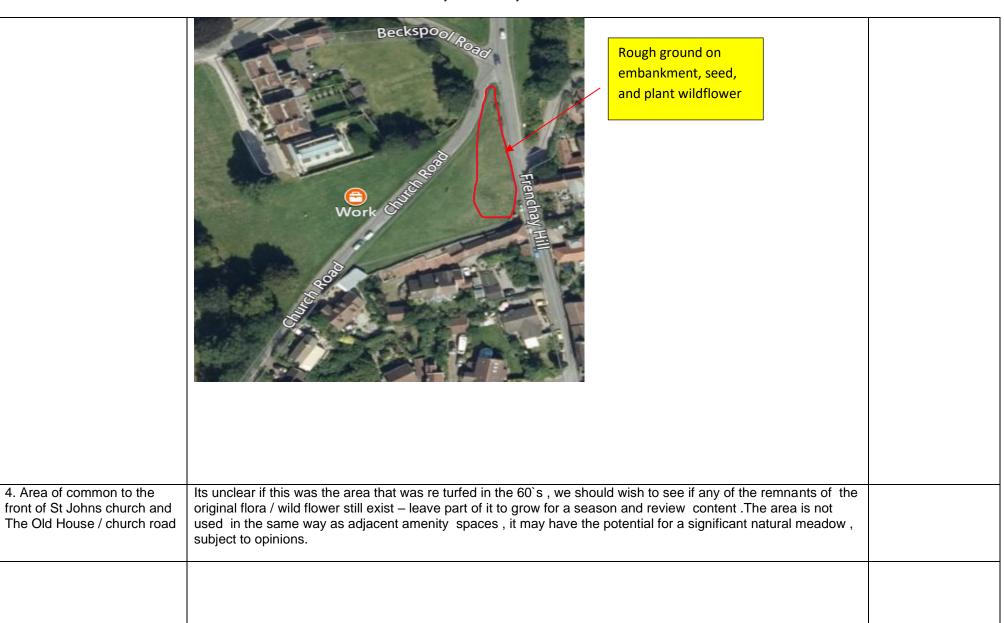
| Tuckets Field to River<br>Frome |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                        |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| C. Frenchay Moor field          | A key area for implementation.                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                        |
|                                 | Its understood that Tuckets field is presently managed by WPC and the steep field to the south going down to the river Frome is in the custody of the National trust ( ref ID 119079/MNA140176)  Presently these fields are "farmed" with cattle grazing and hay fodder crop taken, the fields are used extensively by the public, especially dog walkers.                                                                                              | National Trust has<br>been contacted<br>and will engage<br>post lockdown /<br>furlough |
|                                 | In order to establish functioning ecosystems and habitat, and connectivity from the Frome valley the following objectives are proposed, for which we should wish to engage with the various stakeholders in order to reach agreements                                                                                                                                                                                                                   |                                                                                        |
|                                 | <ol> <li>Establish perimeter protected margins for habitat creation, cattle and dog/ people free, native tree planting programme required and refencing</li> <li>Cease the cutting of the hedge that divides the two fields</li> <li>Allow the central hedge to widen so as to act as a conduit and safe haven, repopulate alongside with native trees.</li> </ol>                                                                                      |                                                                                        |
|                                 | <ol> <li>Re fence the central area of woodland that is presently used by livestock, allow understorey to reestablish and form habitat and cease erosion and compaction of soil in root zones</li> <li>Re plant the area and lower access from Cleeve hill to form an un grazed area</li> <li>Review and amend grazing regimes to allow areas of long uncut thatch (cut every 3 years in rotation) and wildflower meadow creation / re growth</li> </ol> |                                                                                        |
| Tuckets Field                   | Similar approach to above                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                        |
| Tuckets I Iciu                  | <ul> <li>7. Establish perimeter protected margins for habitat creation, cattle and dog/ people free, native tree planting programme required and refencing</li> <li>8. Allow areas a season to uncut / un grazed until late summer so that we can establish the existing potential of the wildflower content and seed bank</li> <li>9. Trial areas of wildflower sowing</li> </ul>                                                                      | Engage<br>Winterbourne                                                                 |

|                                                                                                               | <ul> <li>10. Drainage to Tucket pond – review land drainage to permit the natural wet zone of the valley to reform wetland species wildflower.</li> <li>11. Native tree planting from the Village Hall alongside Cleeve hill, include species for blossoms and pollination benefits</li> <li>12. Increase Parkland specimen tree planting</li> <li>13. Review grazing and "management" regimes.</li> </ul>                                        | Parish Council to develop objectives                                                                                                              |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Spot areas for wildflower /                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                   |
| spring bulb planting  1. Frenchay Hill Triangle with Beckspool road (opposite the Frenchay house)- Trial area | Subject to consent, this would be the first trail area for a wild flower planting area (we have already purchased the seed!)  • Underplant the row of exiting trees with Snowdrops, Blue bells and Snakehead Fritillary as by Click cottage)  • Scarify in spring the triangular area of grass and re seed with Native wildflower mix EM7 and first year show of cornflower mix EC2 (Emorsgate references)  • Amend grass cutting regimes to suit | Engage Winterbourne Parish council to develop objectives and undergo a village walk through to appraise the most suitable areas for consideration |





4. Area of common to the





5. Various Verges along Old Gloucester road, Filton road, Beckspool road

- These wide verges would be ideal for some wildflower areas and Tree planting in some areas
- Mobilise a community wide engagement for spring bulb planting

# General – interaction with children and schools

Its felt to be fundamental that children are engaged and taught the value of protecting the environment and its hoped that we can do this with the help of the school , parents and various local support groups such as Avon wildlife . This may consist of activities such as

| <ul> <li>Grow your own tree</li> <li>Growing wildflower from seed</li> <li>Bulb and tree planting</li> <li>Nature watch type tasks and projects.</li> </ul> |
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|                                                                                                                                                             |