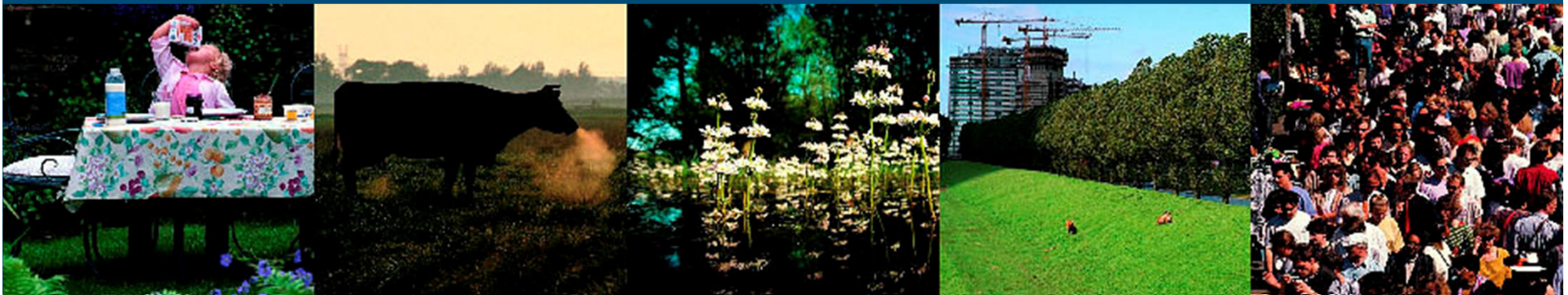


Vegetation plots

Ilse Geijzendorffer
Bob Bunce



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BioBio procedure for locating vegetation plots.

- No vegetation plots in URB, SEA or AQU
- Plots in SPV, because of future colonisation
- One vegetation plot per GHC or linear element category:
 - One plot per herbaceous crop type (CAN, CFO and CFL)
 - One plot per grassland category (CHE, LHE, CHE/LHE) per environmental qualifier
- Mark the position of the plot on the map. Vegetation plots will not be marked permanently.

How many plots in areal features

Example recording sheet: AREAL ELEMENTS							
AREAL	Field 1	Field 2	Field 5				
	General Habitat Category	Global Env. Qualifier	Full list of Habitats	%	Species	%	Farmland class
A	GRA	0	GRA	100	0	0	8
B	CHE	SCA/5.3	CHE	80	Fes Aru	30	1
			LHE	10	Ran rep	30	
					Tri rep	30	
			LPH/EVR	10	Rub fru	100	
C	LHE/CHE	5.3	CHE	50	Fes aru	90	1
			LHE	30	Tri tri	100	
			THE	20	Ave fat	100	
D	FPH	5.3	FPH	70	Quer oub	50	6
					Rob psu	50	
			TPH	30	Acer	30	
					Cornus	30	
E	CRO	0	CRO	100	Faba Bean	100	1
F	CHE	5.3	CHE	100	Hol lan	100	5

BUT, now there are 2 CHE...

How many plots in linear elements?

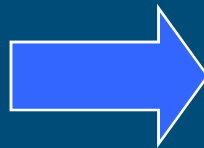
Linear		
α code	Linear element	Farm Class
A	LTR	5
B	WAT	6
C	TGS 2x	5
D	HST	5

One plot in each category

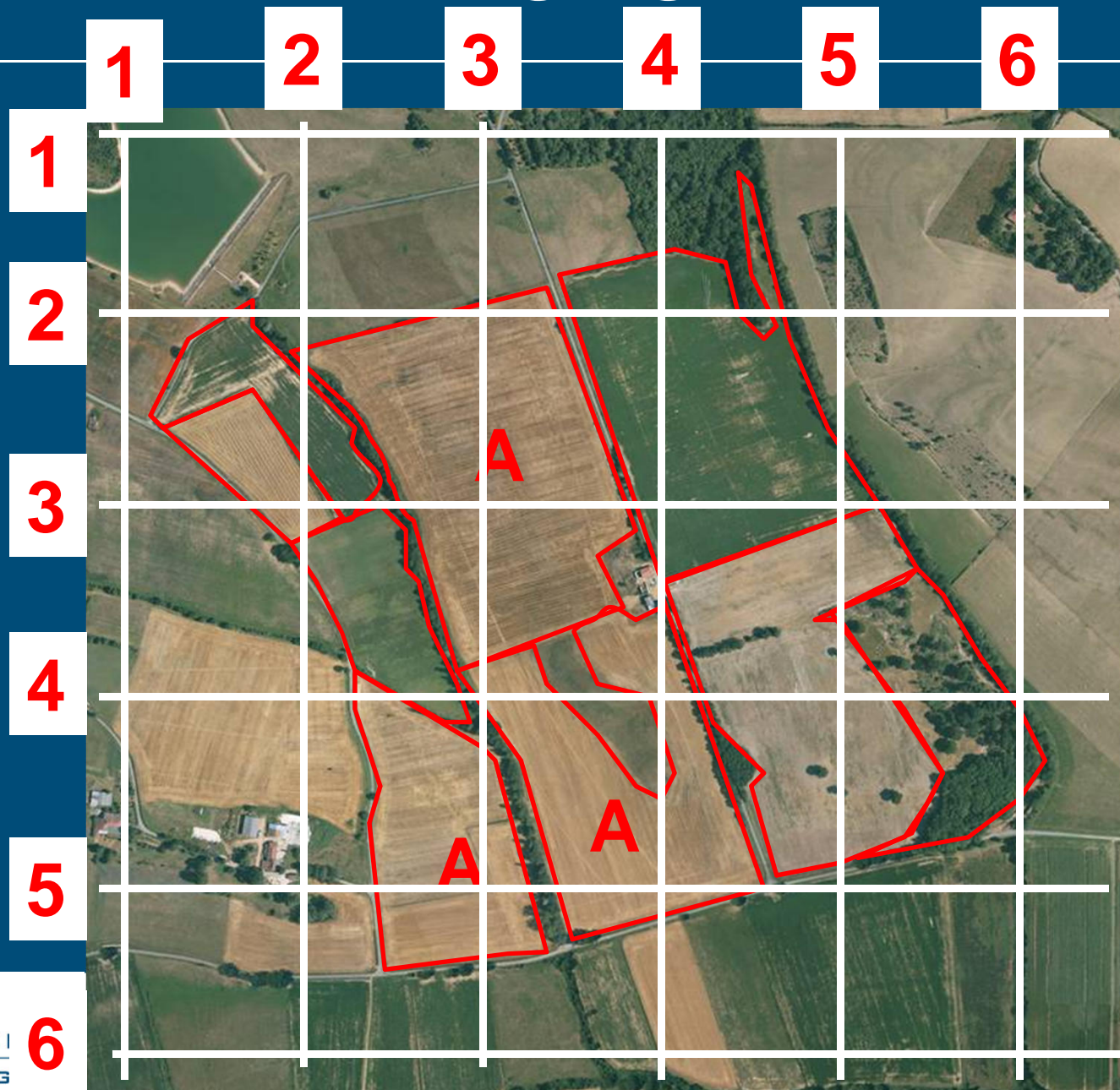
TGS 2x, put the plot in the strip closest to the plot in the areal element

Allocating vegetation plots.

- Plots in the middle of areal and linear elements
- If there is more than 1 element of a certain GHC, than select randomly where the plot will be (e.g. grid)



Allocating vegetation plots.



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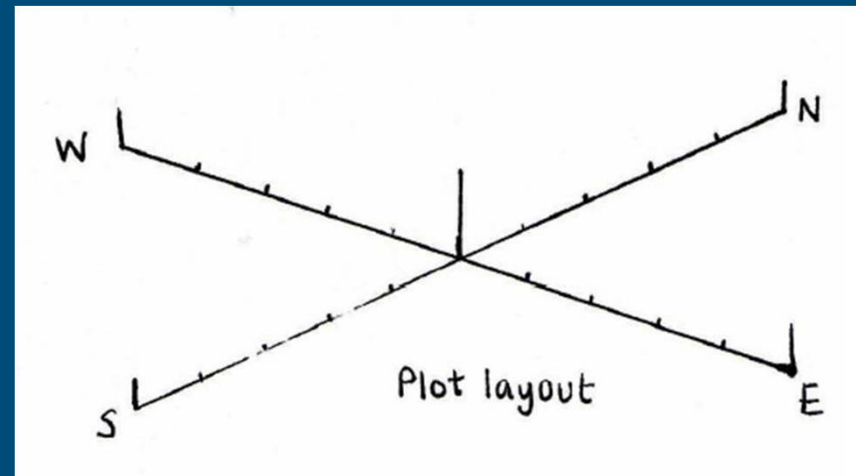
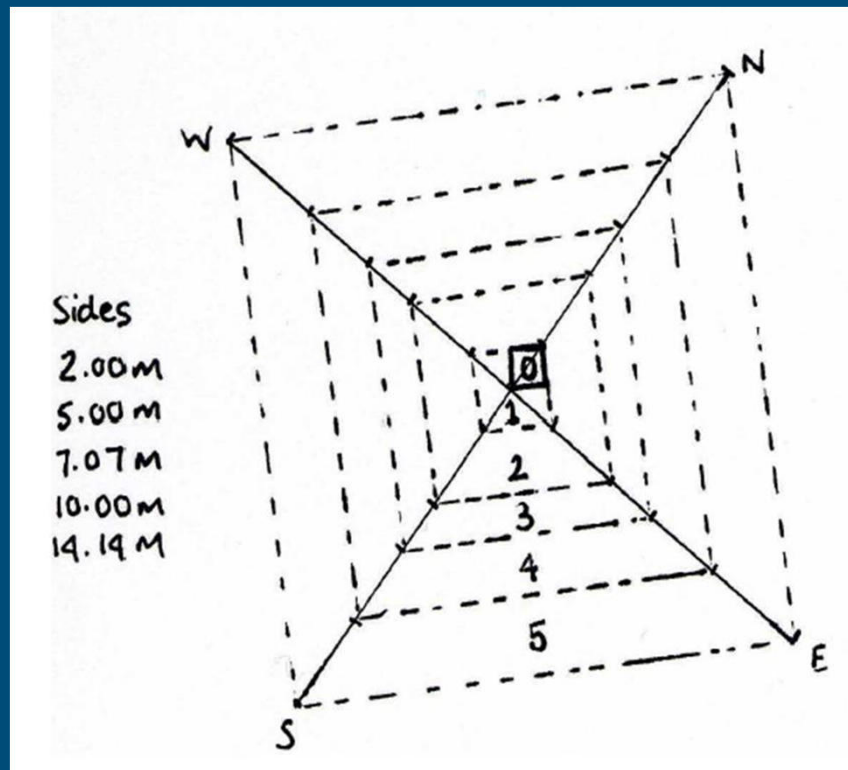
Allocating vegetation plots.

- Areal plots: 10x10 m²
- Linear plots: 1x10m
 - If the element is narrower, then the plot starts at the edge of a track or the edge of the field.
 - There are no plots alongside walls
- Point plots: 2x2m²

A plot in a cropfield should start 3 m into the plot to avoid any edge effect, but cause **minimum disturbance** to the crop or hayfield. A species list should be compiled from what can be seen in the crop.

Laying out and recording (based on GB-CS, 2007)

Will be demonstrated in the field by Bob

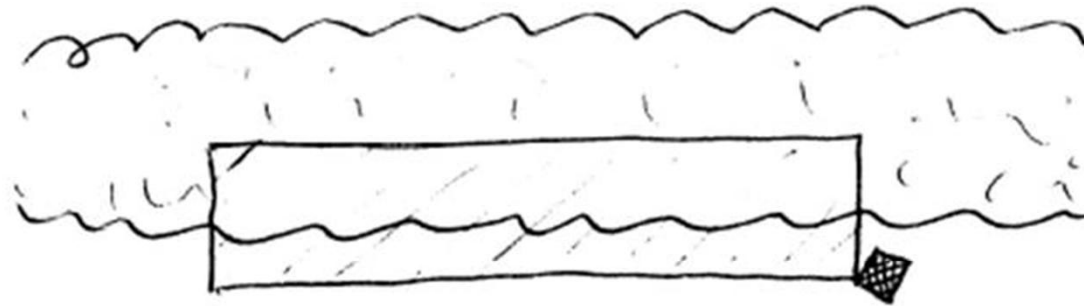


Plot size 1 = 4 m²

Plot size 4 = 100 m²

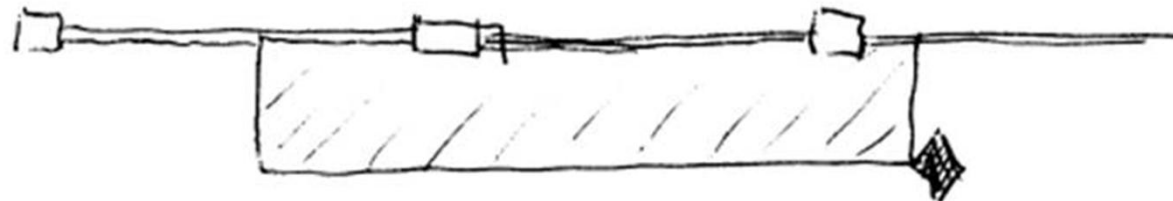
Sketch of vegetation plot in linear feature

HEDGE



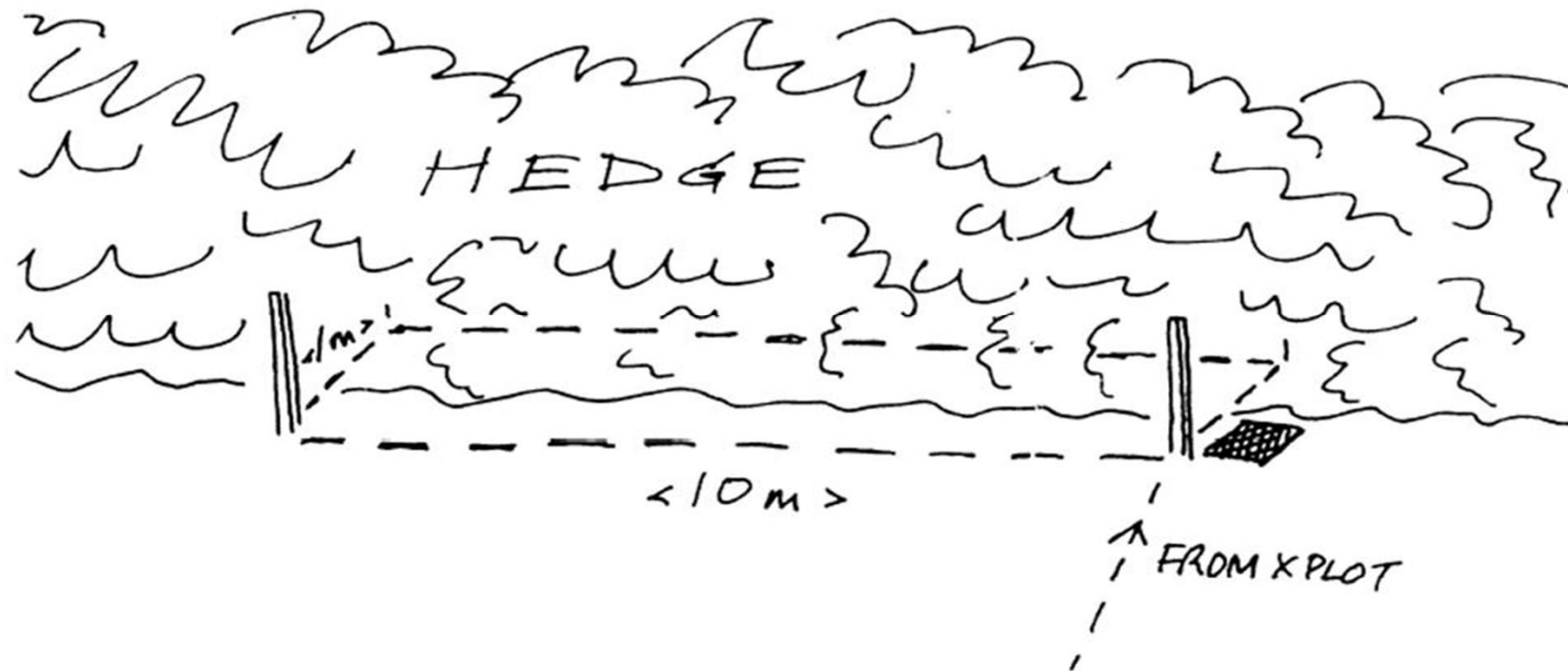
& Line of trees or shrubs

Stream



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Sketch of vegetation plot in linear feature



Always on the side of the closest areal plot

Adjacent linear elements

Be careful!!

Adjacent linear elements can be smaller than 1m, however, a vegetation plot of different types should not overlap.

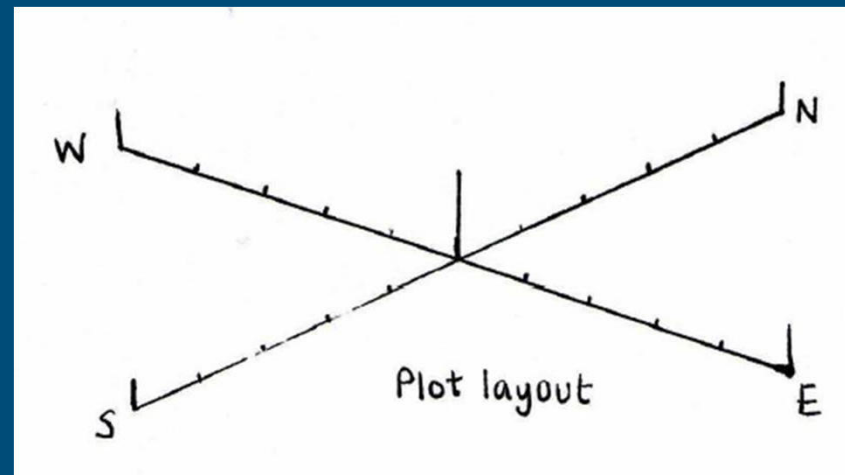
If this is the case than two plots will have to be taken in the same area, but with a minimum of 10 m apart



If a linear element is adjacent to a waterstream (less than one meter), then the water edge plot takes precedence (to prevent double plots).

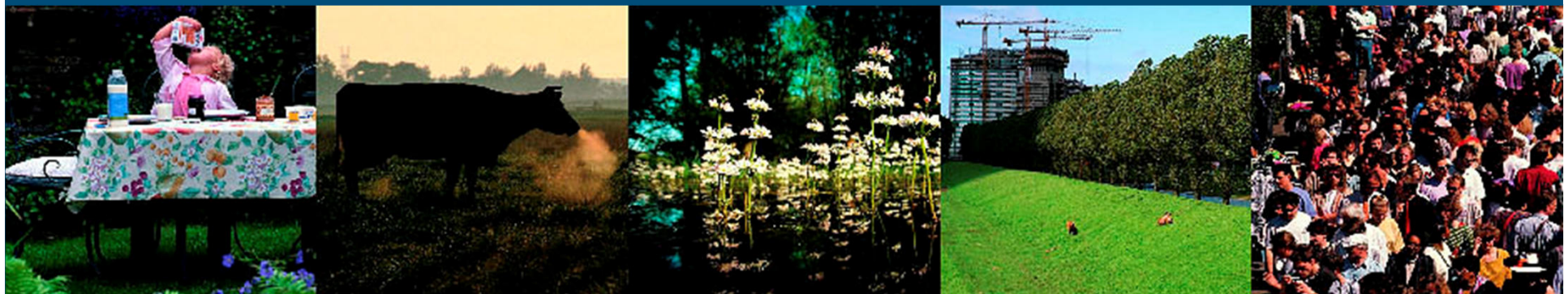
Laying out and recording of Y plots

- Only in elements that fulfil the descriptions of the Annex I of the Habitats Directive
- The plot size is 2x2m
- Laid out using the same procedures as the main plots



Thank you

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