

# Biology of fructans - proceedings of the Second International Symposium on Fructan, Aberystwyth, UK, reprinted from the New Phytologist, 123, 1993

Cambridge University Press - Meetings/Workshops on Biology in the United States (USA)

Description: -

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Labor unions -- Great Britain -- Congresses.

Mothers -- Employment -- Great Britain.

Women -- Employment -- Great Britain.

Nursery schools -- Great Britain.

Education, Preschool -- Great Britain.

Trades Union Congress. -- Consultative Conference on the Under Fives

Beaumaris Grammar School (Wales).

Hughes, David, -- d. 1610.

Monosaccharides -- Congresses

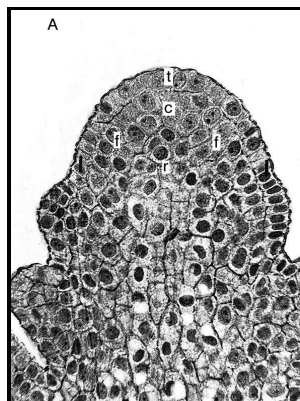
Fructan-containing plants -- Congresses

Fructans -- Congressesbiology of fructans - proceedings of the Second International Symposium on Fructan, Aberystwyth, UK, reprinted from the New Phytologist, 123, 1993

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Tags: #Genomics

## Chemical Biology Symposium

In barley, there are also many advanced map-based cloning projects. Theor Appl Genet 94:557—563 Buerstmayr H, Lemmens M, Hartl L, Doldi L, Steiner B, Stierschneider M, Ruckebauer P 2002 Molecular mapping of QTLs for Fusarium head blight resistance in spring wheat.

## Genomics

In other situations, particularly in the case of resistance gene clusters, the haplotypes at these loci differ dramatically between different cultivars. Therefore, it is possible to combine precision and relevance by conducting trials in the target environment even when it is a stress environment. Nigam, Kulbhushan Saxena, Vincent Vadez, Niroj K.

## Genomics

Plant Breed 115: 310—316 Blanco A, Pasqualone A, Troccoli A, Di Fonzo N, Simone R 2002 Detection of grain protein content QTLs across environments in tetraploid wheat.

## Meetings/Workshops on Biology in the United States (USA)

It did not span the gene despite considerable efforts to extend the contig to include flanking markers on both sides of the resistance gene. The distribution of microsatellite markers along the wheat chromosomes does not significantly differ from that genes, which show partial clustering at the physical end of the chromosomes, although most of the currently used SSR markers are not in genes Röder et al.

## Genomics

It was completely sequenced and represents the largest contiguous sequence in barley and wheat that has been analysed to date Wicker et al. On the contrary, null alleles at the Wx-D1 locus seem to occur more rarely Yamamori et al.

## **IFS**

This will require the coordinated efforts of many different laboratories since, for a reasonable genome coverage a minimum of 10. Transient transformation assays confirmed that these few differences in the LRR domain of Pm3 proteins are responsible for the specificity of resistance against different powdery mildew isolates. Over the last eight years, large sets of wheat microsatellite markers have been developed from various sources.

## **Genomics**

As described above, there is only a very limited number of cultivars or lines for which genomic BAC libraries are available in cereals, mostly because of the genome size of these crops which make the development of such resources costly. In maize, Wong et al.

## **IFS**

The main reason is the fact that with a normal primer pair usually the locus is being simultaneously amplified from the three different genomes so that even MICROSATELLITE AND SNP MARKERS IN WHEAT BREEDING 15 when only a single fragment is identified after PCR amplification, the sequencing of that product is composed of three different sequences which make the analysis of the data at least extremely difficult.

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