

**EC Directive 79/409 on the Conservation of Wild Birds
Broadland Special Protection Area Norfolk & Suffolk**

Consultation proposal: Addition of Cantley Marshes Site of Special Scientific Interest and a further part of Halvergate Marshes SSSI.

Status: Broadland SPA classified on 21 September 1994. Extension classified June 1998.

Boundary: see maps.

Reason for extensions:

Broadland SPA, which includes these extensions, is of European importance because:

(a) It is used regularly by 1 % or more of the GB population of a species listed on Annex 1 of the Birds Directive (79/409/EEC) in any season:

Annex 1 species	5-yr peak mean from 1987/88-1991/2*	1996/1997
Bittern <i>Botaurus stellaris</i>	2-3(10-15% GB) ^M	-
Bewick's Swan <i>Cygnus columbianus bewickii</i>	495(7.1% GB) ^I	>600 8.6% GB) ^I
Whooper Swan <i>Cygnus cygnus cygnus</i>	121(2% GB) ^I	100 (1.8% GB) ^I
Marsh Harrier <i>Circus aeruginosus</i>	16(16% GB) ^F	-
Hen Harrier <i>Circus cyaneus</i>	22 (3% GB)	-
<i>Ruff Philomachus pugnax</i>	96 (6.4% GB)	-

Units of population size: M - booming males, F - breeding females, I - individual birds wintering

* Figures relate to the SPA boundary classified in 1994

(b) It is used regularly by 1 % or more of the biogeographic population of a regularly occurring migratory species (other than those listed on Annex 1) in any season:

Non-Annex 1 migratory bird species	5-yr peak mean from 1987/88-1991/92*	5-yr peak mean from 1990/91-1995/96
Wigeon <i>Anas penelope</i>	8,966(1.2% NW Europe)'	10,071 (1.34% o NW Europe)'
Gadwall <i>Anas strepera</i>	486 (4% NW Europe)'	240 (0.96% NW Europe)'
Shoveler <i>Anas clypeata</i>	675(1.7% NW Europe)'	<1% N W Europe'

Units of population size: 1- individual birds wintering

* Figures relate to the SPA boundary classified in 1994

Data sources

The Wetland Bird Survey: Wildfowl and Wader counts 1990/91 to 1995/96

Babbs, S., Cook, A.S. & Durdin, C. (1997). Broads ESA Wintering Waterfowl Survey 1996/97.

RSPB unpublished report, Norwich.

Carter, I. & Tolhurst, S. (1994). Broadland SPA citation

Carter, I. & Tolhurst, S. (1994). Broadland Ramsar site citation