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FORM 6-K



SECURITIES AND EXCHANGE COMMISSION
Washington D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934

For, 7 May 2002

GlaxoSmithKline plc
(Name of registrant)

GLAXOSMITHKLINE, 980 GREAT WEST ROAD
BRENTFORD, MIDDLESEX TW8 9GS
(Address of principal executive offices)

PROCESSED

MAY 23 2002

P THOMSON
FINANCIAL

Indicated by check mark whether the registrant files or will file annual reports
under cover Form 20-F or Form 40-F

Form 20-F Form 40-F

Indicate by check mark whether the registrant by furnishing the information
contained in this Form is also thereby furnishing the information to the
Commission pursuant to Rule 12g3-2(b) under the
Securities Exchange Act of 1934.

Yes No



GlaxoSmithKline

GlaxoSmithKline plc

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Brentford

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7 May 2002

GlaxoSmithKline PLC

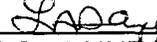
GlaxoSmithKline PLC announces that, in accordance with the authority granted by shareholders at the Annual General meeting in May 2001, it purchased for cancellation 600,000 of its Ordinary 25 pence shares on Tuesday 7th May 2002 at a price of 1611.342 pence per share.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorised.

GlaxoSmithKline plc
(Registrant)

Date: 7 May, 2002

By: 
LORRAINE DAY
Authorised Signatory for and on
behalf of GlaxoSmithKline plc