AMVESCAP PLC/LONDON/ Form 6-K October 19, 2006

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
Pursuant to Rule 13a-16 or 15d-16 Under
the Securities Exchange Act of 1934

For the month of September, 2006
----Commission File Number 001-13908

AMVESCAP PLC

(Translation of registrant's name into English)

30 Finsbury Square, London EC2A 1AG, ENGLAND

(Address of principal executive offices)

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

Form 20-F X Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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

Yes No X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- $\,$ N/A

Description of document filed: NOTIFICATION OF MAJOR INTERESTS IN SHARES

AMVESCAP PLC

IMMEDIATE RELEASE 18 OCTOBER 2006

CONTACT: MICHAEL S PERMAN TEL: 020 7065 3942

NOTIFICATION OF MAJOR INTERESTS IN SHARES

1. Name of company

AMVESCAP PLC

2. Name of shareholder having a major interest

BARCLAYS PLC THROUGH THE LEGAL ENTITIES LISTED BELOW:-

		Holding
Barclays	Private Bank Ltd	350
Barclays	Global Investors Ltd	6,773,720
Barclays	Global Fund Advisors	2,806,590
Barclays	Life Assurance Co Ltd	1,088,482
Barclays	Global Investors Australia Ltd	64,676
Barclays	Global Investors Japan Ltd	73,135
Barclays	Capital Securities Ltd	5,274,445
Barclays	Private Bank and Trust Ltd	2,900
Barclays	Global Investors Canada Ltd	55,697
Gerrard 1	Ltd	505,651
Barclays	Global Investors, N.A.	5,153,854
Barclays	Capital Inc	2,835,549
Barclays	Global Investors Japan Trust & Bankin	841,124
Barclays	Bank Trust Company Ltd	8,219
	GROUP HOLDING	25,484,392

3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or in respect of a non-beneficial interest or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18.

NOTIFICATION IS IN RESPECT OF THE SHAREHOLDERS NAMED IN 2 ABOVE.

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them

_

5. Number of shares/amount of stock acquired

NOT STATED

6. Percentage of issued class

NOT STATED

7. Number of shares/amount of stock disposed

_

Percentage of issued class

_

9. Class of security

ORDINARY SHARES

10. Date of transaction

13 OCTOBER 2006

11. Date company informed

18 OCTOBER 2006

12. Total holding following this notification

25,484,392

13. Total percentage holding of issued class following this notification

3.078%

14. Any additional information

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15. Name of contact and telephone number for queries

MICHAEL S PERMAN TEL: 020 7065 3942

16. Name and signature of authorised company official responsible for making this notification

Michael S Perman AMVESCAP PLC COMPANY SECRETARY

Date of notification

18 OCTOBER 2006

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Registered Holder	Account Designation	Holding
Bank of New York Barclays Capital Nominees Limited Barclays Capital Nominees Limited Barclays Capital Securities Ltd Barclays Capital Securities Ltd Barclays Global Investors Canada Barclays Trust Co & Others Barclays Trust Co R69 C 00000000000000000000000000000000000	16376	52,603 867,293 4,727,801 546,644 1,968,256 55,697 4,441 3,778 413,162
Chase Nominees Ltd	28270	273,518
Gerrard Nominees Limited	630871	400
Gerrard Nominees Limite	652198	5,000
Gerrard Nominees Limited	660758	2,000

Gerrard Nominees Limited Greig Middleton nominees Limited (GM1) Investors Bank and Trust Co. Investors Bank and Trust Co. JP Morgan (BGI Custody)	770101 16331	6,440 63,005 4,629,931 2,806,590 199,248
JP Morgan (BGI Custody)	16338	48,417
JP Morgan (BGI Custody)	16341	443,560
JP Morgan (BGI Custody	16342	109,408
JP Morgan (BGI Custody)	16400	6,296,620
JP Morgan (BGI Custody)	17011	14,331
JP Morgan (BGI Custody)	18408	63 , 938
JPMorgan Chase Bank		64 , 676
JPMorgan Chase Bank		24,527
JPMorgan Chase Bank		841,124
JPMorgan Chase Bank		52 , 292
Mellon Trust - US CUSTODIAN/		29 , 773
Mitsui Asset		12,921
R C Greig Nominees Limited		203,773
R C Greig Nominees Limited GP1		20,459
R C Greig Nominees Limited SA1		11,628
R C Greig Nominees Limited a/c	AK1	142,780
R C Greig Nominees Lim	BL1	31,046
R C Greig Nominees Limited a/c	CM1	19,120
Reflex Nominees Limited		2,900
STATE STREET BANK AND TRUST CO		70,557
STATE STREET BOSTON	346,463	
Trust & Custody Services Bank	7,922	
Zeban Nominees Limited	350	
TOTAL		25,484,392

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 authorized.

AMVESCAP PLC
-----(Registrant)

Date 19 October, 2006 By /s/ Michael S. Perman (Signature)

Michael S. Perman Company Secretary