SNOW SNOW
THICK THICK SNOW

Despite the heaviest snowfall and coldest conditions in years, the campus kept on the move earlier in the month, thanks to the work of the Estates staff.

Twenty tons of salt and 16 tons of grit were distributed over the University roads and paths during the fortnight of severe weather at the start of term.

Thirteen Estates staff worked from 8 a.m. to 4:30 p.m. Monday to Friday, and over the first weekend, to keep the roads and paths open.

John Warton, Buildings Surveyor, commented: "I particularly want to thank the grounds staff who put in many hours of hard work in adverse conditions while the rest of us were in our warm offices."

For the first time a local farmer was employed to tackle the worst of the problem with a tractor fitted with a snow-clearing blade. But at one stage the Gardner Centre entrance also became the exit because of the dangerous conditions on Boiler House hill and the ring road.

Porters assisted grounds staff by clearing steps and paths to buildings and Security staff played their part in helping drivers to deal with the unusual conditions.

All key services continued to function: the boilermen worked 12-hour shifts around the clock to keep the buildings up to temperature and the Switchboard was in operation at a time when many people were still struggling in to work or snowed in at home.

But it was not all toil and troubles tobogganing in Stanner Park became a lunchtime obsession for some, using anything from traditional wooden sledges, to a 12-person "toboggan" of heavy-duty plastic sheeting, to tea trays. The problem now is the state of the University roads and paths. "Frost heave" has caused paving stones and other surfaces to lift and extensive repairs are required.

John Warton warns: "People should take great care on paths and in car parks because it will obviously take a little time before all the repairs can be completed."

And if the snow comes back? There is enough salt and grit for another fortnight of extreme conditions, and more is on order.

John Le F. Webb, BSc, CEng, MIIEE, who is to receive the honorary degree of Master of Science at the Winter Graduation Ceremony tomorrow, January 30, was Webb's degrees in recognition of his substantial service to the University over many years - he has been closely associated with the work of the undergraduate Physics teaching laboratories - and of his standing in Britain and abroad as an educational physicist.

Mr. Webb was headmaster of Bentsham Grammar School from 1946 to 1967. He retired to Sussex in 1968 and offered his services to the University as a physicist and educationalist, working closely with teaching faculty in the development of undergraduate demonstrations and laboratory experiments - a connection which still continues.

DISCIPLINARY HEARINGS

A disciplinary Appeals Board has confirmed the permanent expulsion of one student for her part in the disruption of University meetings.

In the case of a second student, the Board suspended a sentence of two terms' rustication (temporary expulsion) but imposed a fine of £100 and warned that if the student was found guilty of any future disciplinary offence, however minor, the sentence of rustication would be brought into effect.

The Appeals Board, made up of four lay members of the Council and two students, met on January 18 and 24, 1983 to hear appeals against decisions of the disciplinary Panel.

Meeting on December 18, 1984, the Panel had found the student who was expelled guilty of:

- attempting to prevent a meeting of the Board

Most drivers did not risk the Science car park. More scenes of the campus in the snow, page 5.
University Accommodation 1985-86

Application forms for returning students in 1985-86 who wish to be considered for University-owned accommodation, both on and off campus, will be available from the Accommodation Office (level 1, north end of the Arts Centre) from February 27 to March 5, 1985. Completed forms should be returned to the Accommodation Office by March 5, 1985.

The projected number of new and visiting exchange students for 1985-86 is considerably higher than in previous years and, after providing places for fourth year finalists returning from year abroad courses, few places remain for other returning students.

It therefore appears that only returning students (other than fourth year undergraduates) who have medical, welfare or academic priorities will be considered for University accommodation and allocations will be made by the Appeals Committee. If returning students think that their circumstances are not covered by the above priorities, this should be stated on the application form.

The Accommodation Office will help as far as assistance is possible, within its resources, in finding private accommodation for students whose applications are unsuccessful. Married flat occupants will be allowed to renew tenancies, subject to status, but must still complete application forms for 1985-86.

B.E. Reynolds
Accommodation & Services Manager

CVCP paper on academic standards

A paper on external involvement in the maintenance and monitoring of academic standards has been issued by the Committee of Vice-Chancellors and Principals (CVCP) to universities for comment. It describes the range of current practices, and suggests that universities may need to incorporate new procedures that ensure it is possible to have a comprehensive and thorough evaluation of the quality and standards of the work they are offering.

Practices covered include internal and external peer review, scrutiny of the curriculum and standards set, and the use of national and international benchmarks. The report also highlights the importance of maintaining a balance between internal and external reviews, and the need for universities to ensure that they aretransparent and accountable for their actions.

NEWS FROM THE MEETING HOUSE....

Congratulations to Jeremy Beale (Arts postgraduate) and Kathleen Long (EngAmm 1980-83) on their marriage in the Meeting House on January 5.

The Meeting House Christmas Appeal 1984 for famine relief in Ethiopia has now reached £1,678. Collecting boxes are available from the Meeting House and we are continuing to send donations.

A theology seminar will be held in the Meeting House Quiet Room on Wednesday, February 6 and 13 from 5-7 p.m. and will be led by Professor John.pull. The seminar will focus on the relationship between science, religion, and philosophy.

The seminar is designed to provide a forum for discussion on the nature of religious traditions, and the role of science in understanding the world. Participants will be encouraged to engage in thoughtful and meaningful discussion, with a particular emphasis on the importance of critical thinking and open-mindedness.

B.Paul Kaye
University Chaplain
£110,000 for European policy study

A team of Sussex researchers has been awarded a contract worth £110,000 to carry out a two-year study of the relationships between government and industry in Britain, France and West Germany.

The project, which started on January 1, is led by Alan Cawson of the School of Social Sciences. It will focus on the consumer electronics and telecommunications industries in the three countries, and will study the links between firms, trade associations, trade unions, interest groups and government agencies.

Of particular interest to the team is the existence of independent relationships between public and private sectors, and the different points of influence and conflicts in various 'industrial policy communities' which affect how public policies are formed.

The research will aim to make a contribution to theory within the expanding field of policy studies as well as to provide information to practitioners and policy makers. It will help to provide answers to questions such as whether successful industrial policies require particular kinds of links between different agencies, or whether market conditions in different industries are associated with specific kinds of government/industry relationship.

The Sussex study is the largest of five inter-linked projects supported by the Government and Law Committee of the Economic and Social Research Council (ESRC). The team led by Dr Cawson consists of political scientists and economists working in different areas of the University: Geoffrey Shepherd of the Science Policy Research Unit (SPRU), Peter Holmes and Ann Stevens of the School of European Studies, and Research Fellows Kevin Morgan and Douglas Webber who will be attached to the School of Social Sciences.

In addition to this core group, the project will bring together a wider group of people at Sussex interested in government/industry relations and industrial policy, principally through an open seminar starting later this term. Margaret Sharp (SPRU), Mick Dunford (EURO) and Erik Millstone (SPRU) have also been awarded grants within the project to prepare related studies of government-industry relations in biotechnology, regional development and food processing respectively.

Details of the seminars will be given later in the Bulletin and Diary of Events. Those interested in participating should contact Alan Cawson.

UNIVERSITY CHOIR IN BRIGHTON FESTIVAL

For the first time in many years the University Choir has been invited to appear in the Brighton Festival. It will perform Sir Michael Tippett's oratorio 'A Child of Our Time', hopefully in the presence of the actual composer, whose eightieth birthday celebrations occur this year.

The concert, to be held on May 15, will also include the première of a new work by Professor Jonathan Harvey called 'Resurrection', to be sung by the Sussex Philharmonic Chorus.

Jonathan Grieves-Smith, University Organ Scholar, will be the conductor. He is the present conductor of the University Choir and founder of the Sussex Philharmonic Chorus and Orchestra. And this summer he will be assistant conductor for Surrey Opera's production of 'Don Giovanni'.

The Brighton Festival concert, with its combination of two anonymous English composers and close University connections, should provide an exciting and enjoyable evening. Those interested in the University Choir may like to know that rehearsals take place on Wednesdays at 7.15 p.m. in the Biology Lecture Theatre and all are most welcome.

Sussex team to compete in international computing competition

Four Sussex postgraduates have qualified as one of two teams from Europe to take part in the International Scholastic Programming Competition of the Association of Computing Machinery to be held in America in March.

The Sussex team needs to raise $8,000 to cover their travelling and accommodation expenses. With encouragement from Professor Dick Grimsdale, the outgoing Dean of the School of Engineering & Applied Sciences (EAPS), they are looking for sponsorship from industry, government and the University.

This is only the second year that European teams have taken part. The majority of teams come from American universities but this year Japan and Australia will be among the larger number of countries represented.

The Sussex University team aims to reinforce the reputation of British software, in this international forum. In the six-hour final, the teams are each set six programming problems and the winner is the one that solves all six in the shortest time.

The four members of the University team who will be competing in New Orleans on March 14 are all postgraduates from EAPS, doing research in computer science. They are Chris Clark, Mick Bishop, Antoine Rizk and Farshad Nowshadi. The team would be interested to hear from anyone who could help.

For further details please contact Farshad Nowshadi, Brighton 725427 (daytime) or 720381 (other times).

LETTERS TO THE EDITOR

CYCLING ON CAMPUS

In reply to Jill McQueen's letter in the Bulletin of January 8 is it really necessary for her to ride her cycle from Sussex House to the Refectory? Personally I think that it is quicker to walk, but everyone to their own opinion. And as for saying that she has to ride up by the ring road by Estates and Maplewood, this is a load of rubbish. The barrier on the north/south road was put there in such a way that motorists and cyclists can ride around the end which I would think is a lot easier than riding on the footpaths, weaving in and out of pedestrians.

Maybe Jill makes a practice of riding on the footpaths in town. If not why should it be different on the paths within the University? (A. Lay)

NUPE Branch Chairman & Member of Safety Committee

THANKS TO OAS

I am writing to you to try and attain some public praise for a sector of University staff who are often overlooked. I refer to the team who work at OAS who, without exception, excel at their job. They are friendly, approachable, supportive and knowledgeable, and have managed to remain calm and very competent at this most harrowing time of year for them - the dreaded MILKROUND! I'm sure that other students, especially those graduating this year, will join with me in saying a very big THANK YOU to the OAS team.

THERESA AHERNE
A GLOSSARY OF EDUCATIONAL

What do all those new educational acronyms mean? In the first of a three-part glossary David Burrell, Reader in Education, explains recent developments and adds a personal interpretation.

In an article entitled "The Interface of Schools and Universities" in the Association of University Teachers (AUT) Bulletin in September 1984, Roger Blinby, the Chairman of the School Curriculum Development Council, argued that universities need to be more closely involved in curriculum developments in curriculum and examinations taking in schools. Universities might make a positive contribution to those developments by introducing modifications into their own selection procedures. If we are to do this in any significant way we need to take note of the more pertinent and immediate developments and the agencies responsible for them. Few of them will affect directly the students we would expect to meet at university, but they will affect the climate, ethos and even the organisation of the schools from which those students will come.

In this Glossary I attempt to set out the main features of the changes that can be expected during the next few years, adding a personal comment on, and reservations about, some of them. (I have not dealt with the Youth Training Scheme (YTS) which is outside the schooling system.)

ADVANCED SUPPLEMENTARY

LEVELS ('AS' LEVELS)

In May 1984 the Secretaries of State for Education and Science and for Wales put forward proposals for a broader curriculum for 'A' level students. Included in the proposals are suggestions both for complementary studies (i.e. a broadening within the same general curriculum area) and for contrasting studies (i.e. the continuation of some study in both arts and science). The paper gives particular emphasis to the case for contrasting studies. While the essential target group for such studies will be full-time 'A' level students, entry will be open to other students as well.

The proposals make it clear that an 'AS' level syllabus will be expected to cover not less than half the amount of ground covered by the corresponding 'A' level syllabus and will in most cases be closely related to that syllabus. An 'AS' course will last two years and require not less than half the teaching time of corresponding 'A' level courses. It is also expected that 'AS' level courses will be developed over time in all subjects "for which there is sufficient demand". Finally, standards and grades should match and be as exacting as for 'A' levels.

The proposals are particularly significant for universities because the Secretary of State specifically invites higher education bodies to confirm their support for the new examination, especially by encouraging potential university entrants to take a broader range of 'A' and 'AS' level subjects by modifying their admission arrangements.

Sussex has done so already by accepting in principle the proposal to extend the sixth form curriculum, by agreeing to accept two 'AS' levels at equivalent grades in a third 'A' level and by agreeing to give preference, all other factors being judged equal, to candidates offering a combination of 'A' and 'AS' levels to those offering 'A' levels alone.

Comments on the proposals were invited by the end of October 1984, with the intention of beginning development work for a September 1986 launching of the new courses. At the moment of writing the Secretaries of State's response to the comments is awaited. The future of the proposal is a little doubtful. While it has been supported by the Standing Conference on University Entrance and the Council for National Academic Awards, they have been attacked as too narrow and unworkable by many of the current unions and examination boards. Teachers in many schools, especially in those maintained system doubt whether schools will be able to develop 'AS' levels within the resources already available to them, as they are expected to do.

The AUT has welcomed the idea of a broader curriculum for 'A' level students, but, as reported in the November 1984 AUT Bulletin, has expressed severe reservations about the actual details of the proposal.

Comment:

I share those reservations. I feel that there is a danger that schools with smaller sixth forms will find it difficult to mount even a limited range of 'AS' levels, out of their existing resources. Facilities must make sure that students from such schools are not penalised at admission. I hope others will follow the Sussex Admissions Committee in agreeing that it would not wish to express an unqualified preference for candidates offering the new qualification until it was clear that all potential applicants had equal opportunity to follow the broader curriculum in the sixth form.

Again, the idea that schools will be able to resource this development at the very time they are faced with other major innovations (TVEI, GCSE, CPVE) seems to overlook the severe pressures schools are under at present. Further, the notion that it will be possible to gain an 'A' level in half and call it an 'AS' level does not reflect the complexity and coherence of many existing 'A' level courses.

Finally, I am worried lest the proposals call into question promising General Studies programmes that have developed in some schools, although it may be that General Studies will emerge as an 'AS' level. We will then be back into the age-old argument about whether General Studies should be examined.

Despite these reservations, however, I welcome the principles behind the 'AS' level proposals. I hope that some means may be found to introduce them in a positive manner, but, despite the urging of Sir Keith Joseph, I cannot see many schools being able or willing to give them priority.

GENERAL CERTIFICATE OF SECONDARY EDUCATION (GCSE)

The long-running debate about the future of 16+ examining was finally brought to an end in June 1984 when Sir Keith Joseph announced his decision to merge GCSE and O-levels, and the Joint 16+ GCE/CSE examinations into a single system of examining.

The courses are due to begin in September 1986, with the first examinations in the summer of 1988. The new examination system will be administered by existing GCE boards, acting together in groups, four in England and one in Wales. Schools will be free to choose between the Boards, so that the regional boundaries assoc-

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David Burrell
CHANGE

ated with the existing CSE Boards will disappear. The Secondary Examinations Council will have overall responsibility for the new system.

The major features of the system will be:
- It is a single system of examining, not a single examination. There will be common syllabuses based on national criteria but with differential assessment to ensure adequate discrimination between students of differing abilities. This assessment may take the form of different examination papers or differentiated questions within the same paper.
- National criteria for each subject. These will identify the aims, minimum content requirements (or guidance as to content), skills, and understandings associated with each subject. They will also emphasise practical work and the practical application of academic skills, as well as indicating the approaches to assessment appropriate to each subject. GCSE syllabuses must be based on these criteria which are due to be published early in 1985.
- Grade-related criteria. These will specify the skills, knowledge, understanding and competencies expected for each grade in each subject.
- Grading system based on a seven-point (A-G) scale, with A-C being the equivalent of existing 'O' level grades A-C, and D-G being the equivalent of existing CSE grades 2-5.
- A distinction: to be awarded to candidates performing consistently well across a broad range of subjects.
- No specific target group. Unlike the 'O' level and CSE examinations which between them are targeted at the upper 60 per cent of the ability range, no specific target group is identified. Award of a grade will be dependent solely on a student's ability to meet the specified criteria for each grade.

Comment:

I welcome these developments as a great improvement on the existing system with its tendency to introduce differentiation and a form of selection via the 'O' level, CSE, and non-examined groups. It is also a relief that the long and sometimes tedious debate on 16+ seems at last to be bearing fruit. The new system should ensure greater consistency across the examination boards, and could meet Sir Keith Joseph's intentions of improving syllabus coverage and content, and a balance between theoretical and practical work.

However, there are still a number of outstanding questions, especially relating to differentiated assessment and grade related criteria. Until these are clarified it is not clear just how the system will work or whether it can work successfully. Nor is it clear at the moment how teachers are to be helped through in-service education to cope with the increasing demands of the new system. Also, the relationship with other developments in the curriculum and examining (especially VCE and CPVE) have received scant consideration.

But my greatest worry is that the discussions have revealed that in Sir Keith Joseph we have a Secretary of State who is much more prepared than any of his predecessors to intervene in curriculum or examining matters.

It is significant that "The Teacher" was moved to comment in its issue of February 24, 1984: "What is of real concern to teachers today is that Sir Keith Joseph ... is not content with simply strolling round the secret garden of the curriculum - he seems to be planning a takeover."

"Never before has an Education Secretary sought to influence the content of the curriculum on specific details to the extent that Sir Keith has attempted in his pronouncements over 'O'6-plus criteria for physics and history ... If he chooses to comment in such detail on specific subjects in the curriculum, what is to stop the government of a different political complexion imposing its own interpretation on teachers?" I share those sentiments.

THICK THICK SNOW ....

Estate staff clearing the Library steps.

..... and the same scene in the winter of 1961/62 (from a collection of photographs by former student Stephen Magraw)
BULLETIN

VACANCIES
Faculty & Non-Faculty
The Personnel Office has issued the following summary of positions. Applications for these vacancies have been placed in the local and, where appropriate, national press, as well as being sent to Section Heads for circulation to staff and to union representatives. Copies of the advertisements (and further details if available) and application forms are available from the Personnel Office, Room 206, Sussex House. The list was compiled on January 21.
All posts are full-time, full-year, permanent and for men or female unless otherwise stated.

Chairs
Linguistics
Cognitive Psychology
Computing Science
Mathematics

English
Research Fellow in Theoretical Mechanics, EPSRC, MAPS
Research and a Related
Clerical and

Clerked, Grade 3, Accommodation office
Sportcentre Assistant, part-time
Clerked, Grade 1/2, Accommodation Finance Office
Computer Operator/Secretary, Computer Operator Scale
Typist, Grade 1/2, temporary and part-time, Education Area

Manual
Security Staff, UCNS D, Basic £39 hour 3½ day week Roadsweper, UCNS B
Groundsperson, UCNS B to D, Sports Playing Fields
Catering Assistant, UCNS B, part-time, Sports Pavilion

Technical
Technician, Grade 4 or 5, MAPS

CENTRE FOR CONTINUING EDUCATION OPEN LECTURES
Thursday February 7, 6:30 p.m.
Great Centenaries No. 97
The Berlin Conference 1884/5
(Friday 180 Years of Science in Africa Partitioned)
by Ieuan Griffiths, Reader in Geography and former
Dean of the School of African and
Asian Studies.
Thurs., February 21, 5:30 p.m.
University Special Lecture
Picturing Mozart
by Jonathan Miller, doctor; author: TV, film, theatre
and opera director and currently
Professorial Research Fellow, University of Sussex,
working on problems of human
neurology.
Both the above will be held in the Molecular Sciences Lecture Theatre.

RECENT BOOKS
Recent publications by Sussex authors include:
PUMPING IN PROLOG, second edition, by W.F. Clocksin
and C.S. Mellish, Springer-Verlag, Limp, £12.75.
THE EXPERIENCE OF SHAME IN MELANESIA. An Essay in
the Anthropology of Affect by A.L. Epstein, Royal
Anthropological Institute Occasional
Paper No. 40, £4.00.
THIRD WORLD INDUSTRIALISATION IN THE 1980s: Open
Economics in a Changing World, edited by
Raphael Kaplinksy, Frank Cass.
THE INFORMATION TECHNOLOGY REVOLUTION.
Edited and introduced by Tom Forester.
All available from SUSSEX UNIVERSITY BOOKSHOP
The book sale ends this Friday: last minute bargains are still to be found!
From February 12 to 22 an exhibition of scientific books published by Oxford University Press will be held in the University Bookshop.

LUNCHTIME EVENTS
Meeting House Chapel: recitals on Tuesdays at 1.15 p.m.;
today (Jan. 29) - Bryan Almond (organ);
February 5 - John Birch (organ);
February 12 - Stephen Harper (organ) and Jane Seaman (soprano);
February 19 - John Birch (organ).
The Sussex Trugs play main-
stream/traditional jazz on
Friday from 1 to 2 p.m. in
the Playing Fields Pavilion.

BRITISH COUNCIL ON CAMPUSS
Fran Mortimer of the Brighton office of the British Council will be available in the Welfare Office of the Students Union, Falmer House, on Fridays during term time between 1 and 2 p.m.

EEE RESEARCH & DEVELOPMENT PROGRAMMES
The EEC has issued a second call for proposals in connection with the European Programme of Research & Development in Information Technology (ESPRITT), launched in 1986.
Proposals are invited for projects in the following fields: Microelectronics, Software Technology, Advanced Information Processing, Office Systems, and Computer Integrated Manufacturing.
£915 million is expected to be available for this programme in the five years up to 1989, and the closing date for submissions is March 23. Further details of this and other ESPRITT matters are available from the Council Secretariat Research Grants Office, Sussex House, or Documents Section, University Library.

Also available from the above are details of an invitation to apply for financial support for emergency demonstration projects. Closing date for applications: April 17.

The EEC has recently published a "Vade-Mecum of Contract Research" with which the position in May 1984 and outlines current and planned European Community research support and the procedures for awarding Community research aid. Available (free) from:
Directorate-General XIII A2, Office Bl-581, Commission of the European Communities, L-2920 Luxembourg.

BRITISH ACADEMY RESEARCH READERSHIPS IN THE HUMANITIES, 1986-87
The British Academy hopes to offer at least five five Research Readerships in the Humanities starting in autumn 1986 for up to two years. In addition, the Wolfson Foundation is to support one Readership in History or Ancient History, of one year's duration, available for the next five years.
The Academy will meet the costs of providing a substitute for the Reader who will undertake a full-time research project. Applications must be submitted to the Academy by April 15. Further details are available in the Council Secretariat Research Grants Office, Sussex House, and in the Arts & Social Studies Area.

SUMMER GRADUATION CEREMONY - CHANGE OF DATE
The 1983 Summer Graduation Ceremony will now take place on Tuesday, July 9 (not July 16) at the Brighton Centre.

NOTICE BOARD

GRANTS FOR STUDY VISITS
BY UNIVERSITY ADMINISTRATIVE OFFICERS
1985-87
This 28-page Association of Commonwealth Universities publication lists awards open for students of Commonwealth countries to another, and b) either way, between Commonwealth and foreign countries. Available, price £2.75 post free, from the ACU, 36 Gordon Square, London, WC1H 0PF.

Small ads

THREE BRAND NEW FAMILY ENCYCLOPAEDIAS in their original wrappings, now at considerably less than half price! Most suitable for school- ing, for gift, or for keeping in the library for older audiences. Nick Tucker, 04-707 or Lewes 47258.

WANTED, AN UPRIGHT PIANO at a reasonable price. Please phone James Thomson, Brighton 503171.

HOUSE/CAR EXCHANGE - COLORADO. Faculty member of Psychology Dept, of University of Northern Colorado is interested in an exchange with faculty member here during period June 20 - Sept. 10 1985. Also another exchange with a Colorado faculty member from around Aug.13 to Sept. 5. Further details from Fred Darwin, Exp. Psy. (07-190).

SWANBOROUGH MANOR - tenancy of large ground floor flat at historic Manor from April 1. Available only to members of faculty or staff of the University. Annual rent £4,632. Enquiries to Mr. and Mrs. F.W. Grant, Accommodation & Services Manager (088-225).

Anyone who has a 1/2/13 YEAR OLD DAUGHTER interested in exchanging with a girl who lives in the FRENCH ALPS during school holidays, please contact Helen Davies, Euro u/g p/h or tel. 683785.

FOR SALE 1 yr. old two bed. mid-terraced house in Lewes. Open views front and rear. Directions: River Ouse 150 yards away. Asking price £335,000. Contact Paul Ivey on Brighton 477852 or in person.

COSTA BLANCA (Torrevieja) - well-furnished 3 bed. house to let for periods June-Sept. k/m. from town, nr. beaches. On main road, large enclosed gardens, swimming pools, tennis, etc. Would let at well below current rates to careful tenants. Contact Don Young, Brighton 307626.

FORD CORTINA 1.6L, Blue, V reg. Full MOT. Owner gone abroad. £1,190. Tel. Brighton 600599.