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# University College of Wales

**ABERYSTWYTH** 

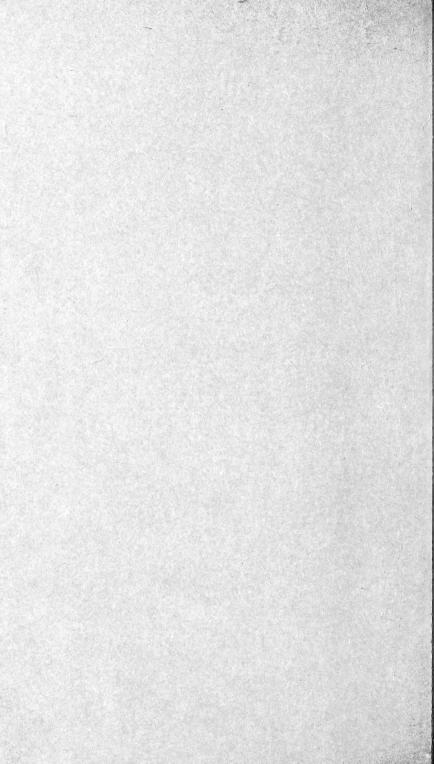


# REPORTS

SUBMITTED TO THE

## COURT OF GOVERNORS

22nd OCTOBER, 1941



## University College of Wales

ABERYSTWYTH



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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventieth Session, 1941-42.

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David Thomas, Esq......School House, Caersws, Mont. D. T. Evans, Esq., B.Sc......C. of E. School, Newtown, Mont.

#### Pembrokeshire

R. G. Walters, Esq....Barn St. Boys' Council School, Haverfordwest. W. T. Williams, Esq., B.Sc....Ty'r Athro, Blaenffos, Boncath.

#### Radnorshire

#### Nominees of The Old Students' Association:

Nominees, who shall not be Members of the Staff of the College, Appointed by such Graduates of any of the Universities of the United Kingdom as have been Students of the College for not Less than Two Sessions:

\*Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon., Cardiff.

Dr. Thomas Quayle, M.A., 31, Parkside, Mill Hill, London, N.W.7. Ben B. Thomas, Esq., M.A...Gerymor, North Road, Aberystwyth. \*The Rev. Principal G. A. Edwards, M.A., Theological College, Abertathy

\*William Ll. Davies, Esq., M.A., National Library of Wales, Aberystwyth.

Professor J. Morgan Rees, M.A., University College of North Wales,

Bangor.

Nominees of The Governing Body of The University College of North Wales:

Nominees of The Governing Body of The University College of South Wales and Monmouthshire:

Nominees of The Court of The University of Wales:
Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina
Cardiff Miss G. M. Richards, B.A., County School for Girls, Hengoed, Glam The Rev. Professor W. R. Williams, M.A., Tanybryn, Llanbadarn Road Aberystwyth
Nominees of The Hebdomadal Council of The University of Oxford
*Principal A. E. W. Hazel, M.A., B.C.L Jesus College, Oxford. I. O. Griffith, Esq., M.A
Nominees of The Council of The Senate of the University of Cambridge:
Professor James Chadwick, M.A., Ph.D., F.R.S., The University, Liverpool.
*Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge, Professor P. H. Winfield, LL.D13, Cranmer Road, Cambridge.
Nominees of The Senate of The University of London: Professor C. J. Sisson, D.Lit., M.A., D.es-L., University College, Gower Street London W.C.1
*Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford. One vacancy.
Nominees of The Law Societies in Wales:
Bridgend District Law Society John Thomas Howells, EsqBridgend
Cardiff and District Incorporated Law Society Vacant.
Chester and North Wales Incorporated Law Society Alun Williams, Esq
East Carmarthenshire Law Society Hugh Williams, EsqLlandilo, Carm.
Llanelly Law Society A. G. T. Brown, EsqFrederick Street, Llanelly.
Merthyr Tydfil and Aberdare Incorporated Law Society W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil.
Monmouthshire Incoporated Law Society Vacant.
Pontypridd, Rhondda and District Law Society D. Harold Rees, Esq41, Mill Street, Pontypridd.
Swansea and Neath Incorporated Law Society

West Wales Law Society
W. J. Wallis Jones, Esq., M.B.E., 34, Quay Street, Carmarthen.

Nominees of The Branches of The British Medical Association in Wales:

North Wales Branch

Dr. E. Lewys-Lloyd......Rhianfa, Towyn, Merioneth.

South Wales and Monmouthshire Branch

Dr. W. W. Jones......The Hollies, Merthyr Tydfil.

Shropshire and Mid-Wales Branch

Dr. G. V. Worthington.........Mangalore, Llandrindod Wells.

Women Nominees of The Court of Governors:

#### Nominees of The Senate of The College:

\*Professor R. F. Treharne, M.A., Ph.D., Hillside, Brynymor Road,
Aberystwyth.
Professor E. J. Williams, Ph.D., D.Sc., F.R.S., University College of
Wales, Aberystwyth.
Dr. T. J. Jenkin......Rhoslwyn, Iorwerth Avenue, Aberystwyth.

Nominee of The Teaching Staff not being Members of The Senate:

J. I. Platt, Esq., M.Sc., Ashworth, Caemelyn, Aberystwyth.

Members of Court by Virtue of Membership of College Council: \*F. D. Chattaway, Esq., M.A., D.Sc., Ph.D., F.R.S., 151, Woodstock

Road, Oxford.
\*Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road,
Aberystwyth.

\*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Abervstwyth.

\*The Rev. Canon Maurice Jones, D.D., 18, Spencer Road, Chiswick, London, W.4.

\*Miss E. C. Nightingale, M.A.............The Mount School, York.

\*Miss E. C. Nightingale, M.A......The Mount School, York.
\*Sir John Russell, D.Sc., F.R.S., Rothamstead Experimental Station,
Harpenden.

\*H. M. Vaughan, Esq., M.A., J.P....32, Victoria Street, Tenby.

 $.* Denotes \ membership \ of \ College \ Council.$ 

Bankers—The National Provincial Bank, Limited, Aberystwyth.

Auditors—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

## COUNCIL

#### President

The Right Hon. Lord Davies, M.A., LL.D., 3, St. John's House, Smith Square, Westminster, London, S.W.1.

#### Vice-Presidents

#### Treasurer

D. Owen Evans, Esq., M.P., Rhydclommennod, Llangranog, Cards.

#### Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

#### Representative Members

Nominee of H.M. Privy Council

The Right Hon. Lord Atkin.......3, Morpeth Terrace, London, S.W.1. Professor H. J. Fleure, D.Sc., F.R.S., 123, Lapwing Lane, Didsbury, Manchester.

Major W. J. Burdon-Evans, J.P.....Bôd Ivan, Newtown, Mont.

Nominee of Old Students' Association

Ernest Evans, Esq., K.C., B.A., LL.B., M.P., 22, Pelham Crescent, London, S.W.7.

Nominee of the University of Wales

The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates

Professor Oliver Wheeler, D.Sc., University College of S. Wales and Mon., Cardiff.

Nominee of the University of Oxford

Principal A. E. W. Hazel, M.A., B.C.L....Jesus College, Oxford

Nominee of the University of Cambridge

Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge.

Nominee of the University of London

Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford.

Women Nominees of the Court of the College

Principal Ellen Evans, M.A......Training College, Barry, Glam. Miss Gwendoline E. Davies, C.H......Gregynog Hall, Newtown, Mont. Miss E. C. Nightingale, M.A......The Mount School, York.

Nominees of the Senate of the College

Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road,
Aberystwyth.

Professor R. F. Treharne, M.A., Ph.D., Hillside, Brynymor Road, Aberystwyth.

#### Elected Members

#### To retire in October, 1941

R. Townsend Greer, Esq., C.S.I., J.P......Dolau, Near Aberystwyth. Mrs. Peter Hughes Griffiths.........4, Laura Place, Aberystwyth. The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth. C. Bryner Jones, Esq., C.B., C.B.E., M.Sc., EL.D., 12, Laura Place, Aberystwyth.

The Rev. Canon Maurice Jones, D.D., 18, Spencer Road, Chiswick, London, W.4.

#### To retire in October, 1942

Emeritus Professor C. R. Chapple, M.A., Woodville, Penglais Road, Abervstwyth.

Mrs. Edward Davies, LL.D.......Broneirion, Llandinam, Mont. William Ll. Davies, Esq., M.A., National Library of Wales, Aberystwyth. The Rev. Principal G. A. Edwards, M.A., Theological College, Aberystwyth. T. I. Ellis, Esq., M.A................4, Laura Place, Aberystwyth. Major Edgar Jones, M.A..............Eryl, Porthycastell, Barry, Glam. Sir Evan D. Jones, Bart..........Pentower, Fishguard. D. C. Lewis, Esq., M.Sc..............County School, Aberystwyth. H. J. Lewis, Esq., M.A.......Rhoslwyn, Buarth Road, Aberystwyth. Lieut.-Col. Sir George Fossett Roberts, O.B.E., D.L., J.P., Glanpaith, Aberystwyth.

Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. Mrs. T. F. Roberts......Bracelands, Buarth Road, Aberystwyth. Sir John Russell, D.Sc., F.R.S., Rothamstead Experimental Station, Harpenden.

#### To retire in October, 1943

Dr. David Ellis, B.S., J.P.......Cartrefle, North Road, Aberystwyth. D. Owen Evans, Esq., M.P......Rhydelommennod, L.angranog, Cards. Ivor Evans, Esq., M.A., Carregwen, Llanbadarn Road, Aberystwyth. Professor J. Young Evans, M.A., B.D....Llwynhelyg, Aberystwyth. Miss A. Gower Jones, M.A........Grove Park School, Wrexham. Dr. Thomas Jones, C.H., M.A.......Harlech. Major L. J. Mathias, C.B.E., D.L., J.P....Bronpadarn, Aberystwyth. The Rev. Herbert Morgan, M.A., Godre'r Glais, Caradoc Road, Aberystwyth. Dr. R. Owen Morris, O.B.E., J.P., M.A., F.R.S., Hafod-ar-For, Aberdovey,

T. D. Slingsby-Jenkins, Esq., J.P...Porth Elenydd, Devil's Bridge, Cards, Two vacancies.

## COLLEGE STAFF

#### Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

#### Vice-Principal:

T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.I.C.

SUBJECTS

#### Professors and Lecturers

Professor of Classics: E. D. T. JENKINS, M.A. (Oxon.).

Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.).

Greek and Latin

B.A. (Wales), M.Litt. (Cantab.); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab.), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).

Literature

Rendel Professor: GWYN JONES, M.A. (Wales). English Language and { Lecturers: J. EARNSHAW, M.A. (Manc.); J. L. PALMER, M.A. (Cantab.).

Welsh Language and Literature

Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg); former Fellow of the University of Wales.

Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales); Assistant Lecturer: GARFIELD H. HUGHES, M.A. (Wales).

Professor: J. L. ANDRÉ BARBIER, Licenciê ês Lettres (Paris), O.A., Chevalier de la Légion d'Honneur. Senior Lecturer: A. B. THOMAS, M.A. (Wales),

French Language and Literature and Romance Philology

Docteur de l'Université de Lyon : former Fellow of the University of Wales.

Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Université de Paris.

Assistant Lecturer: J. KILLA WILLIAMS, M.A. (Wales).

Lecturer in Phonetics: Dr. A. B. THOMAS, M.A., Diploma in Experimental Phonetics, Paris.

German
History Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Assistant Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.).
Welsh History Sir John Williams Professor: E. A. LEWIS, M.A., D.Litt. (Wales), D.Sc. (Lond.); former Fellow of the University of Wales. Research Lecturer: A. J. RODERICK, M.A. (Wales), Ph.D. (Lond.).
Logic and Philosophy $ \begin{cases} \text{Professor}: & \text{R. I. AARON, M.A. (Wales), D.Phil.} \\ (\text{Oxon.}). \\ \text{Lecturer}: & \text{DAN DAVIES, M.A. (Wales), Ph.D.} \\ (\text{Glas.}); & \text{former Fellow of the University of Wales.} \\ \text{Assistant Lecturer}: & \text{J. R. JONES, M.A. (Wales).} \end{cases} $
Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Lecturers: G. H. GREEN, M.A. (Wales), Ph.D., B.Sc. (Lond.), B.Litt. (Oxon.); IFAN AB OWEN EDWARDS, M.A. (Wales and Oxon.); Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall. Assistant Lecturer: Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.). Instructress in Needlework: Miss L. M. DAVIES, B.A. (Wales). Instructor in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: H. BIRD, A.R.C.A. Part-time Assistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Lecturers: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales); J. H. MORRIS, M.Sc. (Lond.).
Palaeography and Diplomatic Lecturer: Professor E. A. LEWIS.
International Politics   Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.).  Lecturer: HUGH SETON-WATSON, B.A. (Oxon.).  Lecturer in Colonial History: E. JONES PARRY, M.A. (Wales), Ph.D. (Lond.).

Music	Gregynog Professor: D. J. de LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing). HUBERT DAVIES, A.R.A.M. (Violin).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Special Lecturer (under Solicitors Act, 1922). R. A. WING, B.A., LL.B. (Cantab.). Assistant Lecturer: W. H. D. WINDER, M.A. (Oxon.), LL.M. (Lond.), Barrister-at-Law.
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Lecturer: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg). Assistant Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales).
Applied Mathematics	Independent Lecturer and Head of Department: THOMAS LEWIS, M.Sc. (Wales). Assistant Lecturers: Miss DOROTHY S. MEYLER, M.Sc. (Wales); C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).
Physics	Professor: E. J. WILLIAMS, Ph.D. (Cantab. and Manc.), D.Sc. (Wales), F.R.S. Senior Lecturer: R. M. DAVIES, D.Sc. (Wales), F. Inst. P. Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P. Assistant Lecturers: D. A. RICHARDS, M.Sc. (Lond.), A.R.C.S., D.I.C.; Miss E. M. WILLIAMSON, B.Sc. (Lond.). Technical Assistant: L. E. SULSTON, Assoc. I.E.E.
Chemistry	Professor: T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.I.C. Senior Lecturers: C. R. BURY, M.A., B.Sc. (Oxon.); L. J. HUDLESTON, M.C., B.Sc. (Lond.). Assistant Lecturer: D. GWYNNE DAVIES, B.Sc., Ph.D. (Wales).
Zoology(including Agricul-tural Zoology)	Professor: T. A. STEPHENSON, D.Sc. (Wales). Lecturers: E. E. WATKIN, B.Sc., Ph.D. (Wales); Miss F. G. REES, B.Sc., Ph.D. (Wales); Assistant Lecturer: J. R. ERICHSEN JONES, B.Sc., Ph.D. (Wales). Special Lecturer in Entomology: J. R. W. JENKINS, M.Sc. (Wales).

Geography and Anthropology	Gregynog Professor: C. DARYLL FORDE, B.A., Ph.D. (Lond.).  Special Lecturer in Geography: W. E. WHITE-HOUSE, M.Sc. (Wales).  Lecturers: E. G. BOWEN, M.A. (Wales); WALTER FOGG, M.A. (Manc.).
Botany	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.), F.L.S. Lecturers: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.; P. W. CARTER, M.Sc. (Wales). Assistant Lecturer: Miss IRENE M. WILSON, M.Sc., Ph.D. (Lond.).
Ĺ	Professor: H. P. LEWIS, M.A., Sc.D. (Cantab.). Lecturers: J. CHALLINOR, M.A. (Cantab.); J. I. PLATT, M.Sc. (Manc.).
Agriculture and Rural Economy	Professor: J. JONES GRIFFITH, B.Sc. (Wales). Lecturer: RICHARD PHILLIPS, M.Sc. (Wales), A.I.C.
Agricultural Chemistry	Independent Lecturer and Head of Department: R. O. DAVIES, M.Sc. (Wales), F.I.C. Assistant Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales).
Agricultural { Economics }	Professor: A. W. ASHBY, Hon. M.A. (Oxon.). Assisted by Advisory and Research Staff (see below).
Agricultural Botany	Professor: Sir GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S. Lecturer: Miss K. SAMPSON, M.Sc. (Lond.). Assistant Lecturer: WILLIAM ELLISON, B.Sc., Ph.D. (Durham), N.D.A.
Advisory Chemist	Adviser: R. O. DAVIES, M.Sc. (Wales), F.I.C. Investigators: T. J. JONES, B.Sc. (Wales); J. R. GRIFFITHS, B.Sc. (Wales); D. STEPHEN JONES, B.Sc. (Wales); J. R. LLOYD, B.Sc. (Wales); A. D. H. WEST, B.Sc. (Wales).
Adviser in Agricultural Zoology	J. R. W. JENKINS, M.Sc. (Wales).
Advisory Mycologist Advisory Dairy Bacteriologist	D. WALTERS DAVIES, B.Sc. (Wales). S. B. THOMAS, M.Sc. (Wales).
Dairying	Director of College Dairy: JOHN LEWIS, N.D.A., N.D.D. Assistant: Miss DOROTHY PROBERT, N.D.D.
Director of College Farm	Professor J. JONES GRIFFITH, B.Sc. (Wales).
Poultry Manager	SIDNEY JACKSON, N.D.P.
Agricultural Book- keeping	Instructor: J. H. SMITH, M.Sc. (Wales).
Veterinary Hygiene	Instructor: A. PARRY, M.R.C.V.S.
Agricultural Engineering	Instructor: R. PHILLIPS, M.Sc. (Wales), A.I.C.

Director: Professor SIR GEORGE STAPLEDON,

C.B.E., M.A. (Cantab.), F.R.S. Assistant Director: T. J. JENKIN, D.Sc. (Wales). Research Workers in charge of Investigations: T. J. JENKIN, D.Sc. (Wales); R. D. WILLIAMS, (Wales); WILLIAM DAVIES, M.Sc. M.Sc. (Wales); E. T. JONES, M.Sc. (Wales); GWILYM EVANS, M.Sc. (Wales); M. T. THOMAS, B.Sc. LL. IORWERTH JONES, (Wales); (Wales). Grassland Adviser: MOSES GRIFFITH, M.Sc. Welsh Plant Breeding (Wales). Assistants: A. R. BEDDOWS, M.Sc. Station . . . . . . . . . (Wales); W. E. J. MILTON, M.Sc. (Wales), N.D.A.; LLEWEĽYN PHILLIPS, B.Sc. (Wales); MYRDDIN WILLIAMS, M.Sc. (Wales); D. E. EDWARDS, B.Sc. (Wales); G. P. HUGHES, B.Sc. (Wales); T. E. WILLIAMS, B.Sc. (Wales); A. G. DAVIS, M.Sc. (Wales), B.S.A. (Toronto); DAVID J. GRIFFITHS, B.Sc. (Wales). Translator: Miss RHODA PETER IONES, B.A. (Wales). Superintendent of Farm and Gardens: I. W. WATKINS. Adviser: Professor A. W. ASHBY, Hon. M.A. (Oxon.).Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales). Marketing Assistants: Agricultural E. LLEWELYN HARRY, M.Sc. (Wales); under Economics Research Joint Scheme with Welsh A.O.S., Ltd.-R. B. IONES, M.Sc. (Wales). and Advisory Staff...... Technical Assistants: J. H. SMITH, M.Sc. (Wales); J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D., Diplomas in Agriculture and Dairying (Aberystwyth); W. J. THOMAS, B.Sc. (Wales); C. TREVOR WILLIAMS, N.D.A., Diploma in Agriculture (Aberystwyth). (Instructor: Major H. F. STIMSON, Diploma of Sheffield Physical Training College. Instructress: Miss B. M. COX, Diploma of Anstey Physical Training College. Director: B. B. THOMAS, M.A. (Oxon.). Resident Staff Tutors: D. HUGHES LEWIS, B.A. (Wales); ALWYN D. REES, M.A. (Wales); Department of Extra-Mural Studies ..... T. J. JEFFREYS JONES, M.A. (Wales). Emeritus Professors T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales), Welsh Literature D. Litt. (Dublin), N.U.I.. C. R. CHAPPLE, M.A. (Lond.). Education ..... T. W. FAGAN, M.A. (Cantab.), F.I.C. J. W. H. ATKINS, M.A. (Cantab.). T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.). Agricultural Chemistry English ..... Law R. D. LAURIE, M.A. (Oxon.). Zoology ..... ADMINISTRATION Registrar: J. MORGAN JONES, M.A. (Wales). Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS. Librarian: ARTHUR AP GWYNN, M.A. (Wales). Senior Warden of the Halls of Residence for Women Students and Warden

of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.). Warden of Carpenter Hall: Miss C. J. MACGREGOR.

## REPORT

## 1940-1941

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1941, is presented:—

### I.--STUDENT NUMBERS

		Session	S		
19	936-37	1937-38	1938-39	1939-40	1940-41
Total Numbers.           Men		496 227 ——723	465 213 ——678	386 194 ——580	252 216 ——468
First Year Students.  Men11  Women6		118 59 ——177	119 54 ——173	100 55 ——155	. 108 69 ——177
Degree Students. Initial Degree		515 51 ——566	472 53 ——525	444 40 ——484	382 8 ——390
Other Students (excluding Short Courses) 15	52	157	153	96	78
Denbighshire 1 Flintshire 2 Merioneth 2	20	7 29 12 17 23 38	11 25 14 14 23 46	6 21 13 13 14 27	6 19 9 10 18 24
Radnorshire	51 24	18 158 114 195 30 5 35 ——555	20 138 101 181 25 5 25 —495	14 118 84 168 22 7 21	10 99 62 127 14 7 16
	31 12	28 14	34 16	41 11	37 10

II. STATISTICS OF COLLEGE DEPARTMENTS¶ (Excluding students of University College, London.)

		Z	lu m	ber	of	er of Re Students	Number of Registered Students	ered		Number	of	Students taking Examinations	ta ttion	king		Sessional			Number of		nder	Students passed	rssed		1
Department	-7-:6 3333741	Intermediate	Subsidiary	Final Let Year Honours	Honours	Post-graduate	To smolqid	Certificate	Other students	Intermediate	Subsidiary	Final	1st Year Honours	Honours	Post-graduate	Diploma or Certificate	Other students	Intermediate	Subsidiary .	IsniA	1st Year Honours	Honours	Post-graduate	Diploma or Certificate	Other students
Classics:		-	_		-				-		and a second sec														
(a) Greek	:	-6	3	-	- 7			1	13	9+1**	3	-	7	-			7	∞ ,	3	-	2		.		4
(b) Latin	:	46 1	7	4	2	3				42	16	4	52	2	1			15+4*	12	4	5	7		I	-
Economics	:	2	52	1	7.				4		23	9	5	-	-	1			22	9	ıÇ	-	F	-	Ī
Education	:	<u> </u>	7	. =		_		45 1	55	Aministra	7	-	-		1	45		Total Control of Contr	9	-	1		1	4	1
Art and Crafts	:	+-	<u> </u>		+			9	81			ľ	i		1	-	T	₩			1			-	1
English	:	24  60		14	13	-6	1	1	i	20	57	14	12	-0			T	15	46 1	46 12+3ø	6	6			
French	:	30 35	35	7	4	-6	-	1		22	34	9	4	6	. 1			13+8*	24	4	4	6	1	.1	1
Phonetics	:								34			1-		1	National Assessment		23	1					1		23
Geography and Anthropology	:		- 52		15	.00		-		.	22		15	4	1	.		- T	19		12	4			.   -
German	:	26 12	2	7	7			1		18	11	7	61	ī	F	T	Ŧ	14	11	2	T		T	1	1

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History International Politics Philosophy Welsh History Botany Geology Applied Pure Pure Zoology Law Zoology	:	:	:	:	:	:	:	:		:	:	:	:	:	:
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The Statistics relating to the Agricultural Departments will be found in the respective departmental reports. \*Granted pass at Intermediate Stage on result of Subsidiary Examination.

\*\*Students who took examination externally.
†Satisfied 1st year Honours requirements.
øGranted pass at Final Stage on result of First Year Honours Examination.

#### III. AWARDS HELD

## 1. Entrance Scholarships and Exhibitions were awarded as follows:-

### (a) OPEN SCHOLARSHIPS

Award	Valu	e Name of Student	School Attended
David Davies		Jones, Ifan Edmund	Pwllheli County
	(35	Williams, Alwyn	Aberdare Boys' County
Price Davies	\ 35	Squires, Bruce Leigh-	Carmarthen Grammar
D 1131 11	ر	ton	37 11 7 1 1 1
Rendel Memorial	35	Williams, John	Merthyr Intermediate
Sir Alfred Jones	25	Morgan, Rowland Ll.	Aberdare Boys' County
Brereton	20	Griffiths, John H.	Carmarthen Grammar
Commercial Travelle	ers 20	James, Randal R.	Cyfarthfa Castle Secon-
			dary
			•
	(b)	CLOSED SCHOLARSHIP	s
Sir Alfred Jones (Carmarthen)	(b) £25	CLOSED SCHOLARSHIP Davies, John Lloyd	s Carmarthen Grammar
Sir Alfred Jones (Carmarthen) Perrott Exhibition	£25		
(Carmarthen)	£25	Davies, John Lloyd	Carmarthen Grammar
(Carmarthen) Perrott Exhibition	£25	Davies, John Lloyd Jones, Olwen Mair	Carmarthen Grammar Aberystwyth County
(Carmarthen) Perrott Exhibition Elizabeth Davies	£25	Davies, John Lloyd Jones, Olwen Mair	Carmarthen Grammar Aberystwyth County
(Carmarthen) Perrott Exhibition Elizabeth Davies (Brynteifi)	£25 10 20	Davies, John Lloyd Jones, Olwen Mair Davies, Josiah	Carmarthen Grammar Aberystwyth County Amman Valley County

2. Other Scholarships, Exhibitions and Grants were held by the following:—  $\,$ 

Dylan

Mold County

Jones, David Alun R. Aberystwyth County

David Morgan Thomas 25 Evans, Gwilym

35

(Caterham)

Lewis Thomas

### (a) RENEWED FOR A SECOND YEAR

(**)									
Award	Value	. Name of Student							
Price Davies Pritchard	£35 30	Evans, John Yorath G. Jenkins, Alwyn Edmund							
Sir Alfred Jones	25	Jones, Mary Winifred							
Dr. David Thomas Commercial Travellers	25	Davies, Miriam Hill, Bertram E. E.							
Machynlleth Eisteddfod Prize	7	Tim, Bertiam E. E.							
Thomas Davies	50	Ellis, Trefor Owen							
David Jenkins	25	Roberts, Meryl Mai							
Sir Alfred Jones (Carmarthen)		Evans, Thomas Leslie							
Dr. John Davies	30	Williams, David R. A.							
Edward Jones	20	**Hollings, John I.							
Mrs. Clarke	35	Hughes, Eric Bennett							
Dr. Howell Rees	£17 10 0	Thomas, Joseph							
Cranogwen	£10	Jones, Mair Meganwy							
(b) Renewed for a Third Year									
David Davies	£40	Thomas, Margery M. Ll.							
Price Davies	* 35	Williams, David							
	25	Evans, Ronald George							
Commercial Travellers	20	Williams, Norah							

Sir Alfred Jones			 20	Anthony, David Alan
Mold Eisteddfod			 17	McAdam, Roger David
Brereton			 10	Emanuel, Hywel David
Robert Bryan			 35	Walters, Walter Edmund
Elizabeth Davies	(Bryn	teifi)	 20	Williams, Ann Myfanwy
Ellis Eyton			 10	*Parker, Bertram Lloyd

#### (c) AWARDS FOR ONE YEAR

Tom Jones Scholarship in Surgery	£25	Williams, Roberta
Mynyddog Scholarship	20	Thomas, Elizabeth Ann
Frances Williams Art Exhibition	14	Phillips, Betty M.
*Award held	for 1	term only.
**Award held	for 2	terms only.

# Miscellaneous Awards were held by the following:-

•			Jones, Mary Winifred
Foyle Essay Prize	*, *	 £10	₹ Moore, Donald
			Rees, David John
T. E. Ellis Essay Prize		 £5	Williams, Glanmor

# IV. INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary. F.—Final. H.1.—1st Year Honours. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1940

# Faculty of Arts

Corfield, Eric Wilfred	I. French
Evans, Eben	I. Latin
Hollings, John Illingworth	I. German
James, Margaret Merlys	I. German
Jenkins, David	I. German
Jenkins, Mair	I. Music, I. History
Jones, William John	I. German
Peters, David Ronald	I. German
Roberts, Beryl Mai	I. Latin
Smith, Alison J. W.	I. Pure Mathematics
Williams, Robert Parry	I. English
Williams, Sarah Betty	I. Latin
Evans, Thomas Richard	I. German
Jones, Ernest Francis	Elem. Greek
Certificates of Translation	in Latin were granted to:
Price, Dewi Irfon	
James, Gwendoline Ma	ry

# Faculty of Science

Clark, Gilbert Winston	I. Chemistr	y
Jones, Ian Puleston	I. Physics	
Lewis, William Glyndwr	I. Physics	

#### Faculty of Science (Pre-Medical)

Lloyd, Jane Marjorie	I. Zoology
Williams, David Meredith	I. Zoology, I. Botany

# Faculty of Rural Science

Sinha, Akhouri Baleshwar P. I. Botany

#### Faculty of Law

Goring-Thomas, Rhys

Prel, Contract, Prel. Tort and Crime,

(b) June, 1941

# Faculty of Arts

Anthony, David Alan Atkins, Ruth Patricia Atkinson, Katherine Rosemary Barnett, Jonett Catherine Benbow, Ellen Elizabeth Margery Bevan, Edith Ray Luscombe Bowen, Arthur Charles Mainwaring Buckland, Dorothy Priscilla

Cane, Eric George

Capstick, Alan

Clifford, Agnes Ann Corfield, Eric Wilfred Davies, Alun Davies, Catherine Phillips Davies, David Jones Davies, Edith Marjorie Davies, Elen Anita Davies, Emrys Davies, Enid Davies, Helen Yorwerth Davies, Joan Davies, John Lloyd

Davies, Margaret Fay

Davies, Margaret Kathleen Doris Davies, Margaret May Davies, Meurig Ceredig

Davies, Nancy (Llanelly) Davies, Nansi Angharad Davies, Thomas James

Davies, Thomas Kenneth Graham Divall, Harry Herbert Duckworth, Ruth Teresa Elliott, Joyce

Emanuel, Hywel David Evans, Eben Evans, John Daniel Herbert Evans, John Rhystyd

H. French, I. and Oral Certificate H. English, II (1) I. French

H. French, II (1) and Oral Certificate F. English, H.1. Economics S. Economics, F. History

S. English, S. History, S. Philosophy

I. German, S. English, S. French, S. Philosophy H.1. Pure Mathematics, H.1. Applied

Mathematics

I. French, I. Art, S. English, S. Economics

S. Greek, H.1. Latin, F. English I. Philosophy, H.1. English, F. History I. English, S. Welsh, S. Philosophy S. English, S. Music, F. Welsh

H. Philosophy, I I. Philosophy, S. History I. English, I. French

I. English, I. German, I. History I. History, S. English, S. Welsh S. French, F. German, H.1. English H. French, II (2) and Oral Certificate

S. Economics, S. History,

S. Geography I. Latin, S. English, I. French, S. History

I. English, I. Welsh, I. Philosophy S. Latin, S. Welsh, S. History I. Greek, I. Latin, I. Welsh,

I. Philosophy H. English, II (2)

Davies, Nansi Angharad S. Welsh, S. English, S. French Davies, Roberta Gwendoline Mary S. English, S. French, S. Education Elem. Greek, I. Welsh, I. History,

I. Philosophy H. French, III

I. French, S. Philosophy, S. Music S. Latin, H.1. English, F. History I. Latin, S. English, I, French, S. History

H.1. Greek, H. Latin, I F. English, F. French

I. Greek, S. Philosophy, F. Welsh I. English, I. French, I. Philosophy,

I. Geology

Evans, Margaret Beryl

Evans, Margaret Eluned Evans, Richard Edward Hughes

Evans, Thomas Leslie Evans, Thomas Richard Forty, Valerie Gall

Gordon Jones, Mary Gordon Jones, Pauline

Griffiths, Hugh Powell Griffiths, Islwyn Griffiths, Islwyn ap Ifan Griffiths, John Howard Griffiths, Margaret Caroline Gwilym, Haf Gwynne, Gruffydd Eilydd

Harries, John Mostyn Herbert, Kenneth Cyril Hill, Bertram Ernest Evan Horton, Nesta Mary Humphrey Howells, David Lyndon Howells, Morfydd Emily Hughes, Mair Eluned Hughes, Megan Humphreys, Grace Ellen Humphreys, Laura Gwendolen

Isaac, John Rhys

James, Arnold John

James, Douglas Gordon James, Gwendoline Mary Jenkins, Alice Wynne Jenkins, Mair Jones, Clara Jones, David Benjamin

Jones, David Elwyn Lloyd Jones, David Frederick Donald Jones, Emlyn Walford Irwin

Parry Jones, Enid Mair Jones, Eric Orlando

Jones, Ernest Francis Iones, Eurwen

Jones, Felicia Margaret

Jones, Granville Rowland Benjamin Jones, John Anthony

Jones, John David

Jones, John David Tudor

H. French, II (2) and Oral Certificate

H. Welsh, JI (1)

S. Philosophy, S. Education, S. Economics

I. French, F. History, H.1. Geography F. Economics

Elem. Greek, S. Latin, S. English, S. French

I. English, I. French, S. German I. English, I. French, I. Music, S. German

H. Geography, II (2)

F. Philosophy, F. Economics

H. German, I

I. Greek, S. Latin, S. French, S. History F. English, F. History, F. Economics I. French, S. English, S. History I. German, S. English, S. French,

S. History H. Economics, II (1)

H. English, II (2)

F. English, H.I. Geography I. English, I. Geology, I. French I. Philosophy, S. English, S. Music

H.1. Geography

I. English, I. German, I. Music

S. History, S. Geography

F. English

H. Geography, II (2), French Trans. Certif.

S. Pure Mathematics, S. English Law, H.1. Economics

I. German, I. English, S. Economics, S. Geography

F. Latin, H.1. English

F. History, H.1. Welsh S. French, F. Latin, H.1. German I. Philosophy, S. Economics

F. History, H.1. Geography I. Welsh, I. Philosophy

H. English, I

H. Philosophy, II (2) H.1. English, F. History

H. English, II (1) S. English, I. History, I. Music

H. Philosophy, II (2)

S. English, S. Welsh, I. Latin, S. History

Latin, I. History, S. English,

S. Philosophy S. History, S. Economics,

S. Geography S. English, S. Welsh, I. History, S. German

I. Greek, S. Economics, H.1. Philosophy

I. Greek, S. Welsh, S. Philosophy

Jones, John Marsden Beaumont Jones, Kathleen

Jones, Luned Mary

Jones, Mair Jones, Mair Meganwy Jones, Margaret Dorothy

Jones, Marion Jones, Mary

Jones, Mary Winifred Jones, Myra Margaret Jones, Nansi Ceridwen

Jones, Olive Jones, Olwen Mair Jones, Ronald Thomas Jones, Thomas Henry Jones, William John Jones, Wyndham Ralph

Joseph, Lorna Mary

Joseph, Lorna Mary Joslin, James Rudkin Lewis, John Edward Lewis, John Stanley Gerallt Lewis, Lilian Maud

Lewis, Margaret Elizabeth Lewis, Nancy

Lewis, Reginald Fairhurst

Lewis, Thomas Cullum Lewis, Thomas Kendrick

Lewis, Ynyr Lloyd, Alfred Thomas Lloyd, William Bleddyn

Lougher, Cecil Nest

Louks, Beryl Brenda

Magor, Jennie Thomas Mears, John Cledan

Melhuish, Gwynith Georgina Moore, Donald

Morgan, Eluned

Morgan, Joan

Morris, Margaret Bevan Newman, John Anthony

Nicholas, William Ronald

Owen, Ada Louisa Owen, John Glyn

Owen, Theophilus

Pedler, John Lewis

S. History, S. Economics
S. Welsh, S. History, S. Economics
I. Music, I. Latin, S. French
I. English, S. Welsh, S. Music
H.1. Welsh, F. French
F. French, H.1. German, F. English
H. History, II (2)
S. English, S. Welsh, F. Education
I. Greek, H.1. Latin, H.1. Music
H. Fnglish, II (2)

H. English, II (2)

H. English, II (2)
F. Latin, H.1. Welsh
H. Welsh, II (1)
S. English, S. Welsh, S. French
H. Philosophy, II (1)

I. Latin, F. History, H.1. English

H.1. Economics

S. English, S. Economics, S. Geography S. English, S. Economics, S. Geograph I. Philosophy, H.1. Welsh, F. Music F. Economics, H.1. History H.1. History, F. Economics S. Welsh, S. History, S. Music H. French, II (1) S. French, S. Economics F. Greek, H. Latin, II (1) I. German, I. History, S. English

I. German, I. History, S. English, S. French

S. Education, H.1. Welsh I. German, I. Latin, I. French,

S. History H.1. Welsh, H.1. Philosophy I. French, H.1. Geography

I. German, I. Philosophy,
Mathematics, I. Geology
I. Latin, S. English, S. French,

S. German I. English, I. French, I. History,

Latin Trans. Certif. H. English, II (1)

Elem. Greek, I. Latin, S. English, I. French, S. Philosophy H. History, II (2)

S. Jurisprudence, H.1. Greek, H.1. Latin

I. Geology, S. French, S. German, S. Geography

Elem. Greek, S. Latin, S. English,

S. History
H.1. Welsh, F. History
I. French, I. German, S. English,
S. Music

I. German, S. Greek, S. Latin, S. Education

H. French, I and Oral Certificate

I. Philosophy, S. Latin, I. French, S. History

I. English, S. Latin, S. French, S. Philosophy

H.1. Latin, H.1. French

Peters, Audrey Joan Peters, David Ronald

Phillips, Margaret Eluned Bateman

Pope, Daniel Legh

Pothecary, Patricia Prosser Evans, Joan Mary Ralphs, Austen

Redding, Bernard John Burgess Rees, David John Rees, Graham Lloyd Richards, Rhystyd George Alun Roberts, Beryl Mai Roberts, Oliver Roberts, Pamela Frances,

Roney, Kenneth Sallis, Thomas Smith, Alison Jean Walker Sparkes, Iorwerth Adrian Wozencroft Squires, Bruce Leighton

Stacey, Betty Irene

Stevens, Gwladys Mary Stuart, Ethel Mary

Thomas, Catherine Mary Thomas, Cyrus Glyndwr Thomas, Elizabeth Ann

Thomas, Elizabeth Gwendoline

Thomas, Haydn Howell

Thomas, John Gareth Thomas, Joseph Thomas, Margaret Hilary

Thomas, Marjorie

Thomas, Olwen Enid Thomas, Phyllis Mary

Thomas, Rachel Ann
Thomas, Tom Dulyn
Vitebsky, Bernard Zolman

Watkin, Philip John
Williams, Ann Myfanwy
Williams, Betty

Williams, Dorothy Margaret Hart

I. Lauli, S. French, S. Education,
H.1. English
S. Welsh, S. History, S. Music
I. English, I. French, I. Music,
S. German
I. English, S. History, S. Economics
H. French, II (2) and Oral Certificate
I. German, S. English, S. Welsh,
S. Geography
Williams, Dorothy Margaret Hart
S. Education,
H.1. English
S. Welsh, S. History, S. Education,
H.1. English
S. Geograph
S. Education,
H.1. English
S. Geograph
S. Education,
H.1. English
S. Welsh, S. History, S. Music
S. German
S. Geography
Williams, Prench Trans. Certif.,
F. Geography, F. Music

H. English, II (2) F. English, H.1. Economics, H.1. Geography

I. German, S. English, S. History

I. English, I. History, S. German, S. Philosophy

F. English, F. French, H.1. Music I. History, S. Philosophy I. Latin, I. German, S. English, S. French

I. Latin, S. English, S. French

F. English, H.1. Latin, S. Greek S. English, S. Economics, S. Geography S. Welsh, S. Philosophy, S. Economics

H.1. Music, H.1. English
S. English, I. Welsh, S. History
I. Latin, S. English, S. French, S. German

I. Latin, S. French, S. German

I. Philosophy, S. English, S. Economics

F. German I. English, S. History, S. Geography, French Trans. Certif.

S. Latin, S. History, S. Philosophy,

S. Economics I. French, S. English, S. History,

S. Geography
H. History, II (2)
S. Latin, I. English, I. French,
S. German

I. German, S. English, S. French I. Welsh, I. History, I. Philosophy I. Welsh, S. Latin, S. English,

S. Music

S. English, S. French, S. History, Latin Trans. Certif.

I. Latin, I. History, S. English, S. Welsh

F. English, F. Geography

H.1. Welsh, H.1. History
S. English, F. History,
H.1. Economics
I. Latin, S. English, S. French,

S. History
I. Greek, F. Latin, H.1. English
I. Latin, S. French, S. Education,
H.1. English

Williams, Eirlys Watcyn Williams, Elvet Gwyn

Williams, Glanmor, B.A. Williams, Joan

Williams, John Elwyn Williams, John Vincent Williams, Joyce Eliza Williams, Matty

Williams, Menai

Williams, Norah Williams, Owen

Williams, Phyllis Williams, Robert Parry

Williams, Sarah Betty Williams, Thomas Glyn Wilson, Cordelia Mary Ellin Griffith

Winter, Reginald Nevill Wooloff, Mary Margaret

I. English, S. History I. Latin, S. English, S. Welsh, S. German

H. History, I

I. History, S. Latin, S. English, S. Welsh

S. English, S. Welsh, S. History

I. Greek, I. Philosophy

H. French, II (1) and Oral Certificate I. English, S. Welsh, S. Hist S. Music I. Latin, I. English, I. Welsh, S. Welsh, S. History,

I. History

H. Welsh, II (1) S. Philosophy, F. English,

H.1. Geography
H.1. Welsh, F. Music
S. History, F. Economics,
S. English Law
S. History, F. English, H.1. French
S. English, S. Welsh

H. English, II (1)

S. English, S. French, S. History F. English, F. German, H.1. French

# College Sessional Examination

Lloyd-Williams, John Anthony I. History

# Faculty of Science

Atherton, Bernarr Francis

Avery, Joyce Kathleen Budge, Sheila Mary Gladys Clark, Gilbert Winston Crook, William Charles David Davies, Cecil Davies, Daniel Cledlyn

Davies, Hubert John
Davies, James Francis Arthur
Davies, Josiah
Davies, Mair Eluned Ardwyna
Davies, Mary Euronwy

Davies, Miriam

Davies, Trevor Benjamin

Edwards, Clifford

Edwards, Margaret Nesta Edwards, Thomas John

Evans, Joan Margaret Evans, John Yorath Gwynne

Evans, Ronald George Francis, Gwyneth Harries, Cyril

Herbert-Jones, Elwyn

Mathematics, S. Applied
Mathematics, S. Physics
H. Botany, II (1)
H.1. Botany, H.1. Zoology
H.1. Botany
S. Botany, I. Zoology, S. Geography
H. Physics II (2)

H. Physics, II (2)

F. Pure Mathematics, H.1. Physics H. Pure and Applied Mathematics, I

F. Physics

I. Botany, I. Zoology, S. Geography S. Zoology, S. Geography, H.1. Botany I. Zoology, S. Geography H.1. Botany, H.1. Zoology S. Botany, S. Zoology F. Physics, H.1. Geography

I. Botany
S. Pure Mathematics, S. Chemistry,
S. Physics

S. Economics, S. Botany H.1. Pure Mathematics, H.1. Applied Mathematics

H. Zoology, I.F. Zoology, H.1. BotanyS. Pure Mathematics, S. Physics, S. Geography S. Botany, S. Zoology, H.1. Chemistry

Hill, Vernon James

Hughes, Eric Bennett

Hughes, Megan Elinor Watkin Hughes, Stanley John James, David Vernon James, Margaret Jenkins, Alwyn Edmund

Jenkins, David

Jenkins, Eric Neil

Jenkins, Howard John, Margaret Bowen

Jones, David Daniel

Jones, Emrys Jones, Handel William Hugh

Jones, Ian Puleston Jones, Ieuan Phillips Jones, Ifan Edmund

Jones, Myrfin

Jones, Timothy Douglas Jones, William Mervyn Lewis, William Glyndwr McAdam, Roger David Miller, Dorothy Morgan, Megan

Morgan, Rowland Lloyd

Negus, Marjorie O'Connor, Bridget Agnes Owen, Dilys Wyn, B,Sc., Owen, Robert Wynne Owen, Trevor Boyd

Peters, Denzil Burleigh

Phillips, Mary Megan

Plant, Marion Sheila Corris Powell, John Powell, Mervyn James

Pughe, Richard Heddwyn

Reynolds, Elizabeth Hywel Rhys, Ceredig Phillips Richards, Doreen Roberts, Hugh Ronald

S. Pure Mathematics, S. Chemistry, S. Physics

H.1. Pure Mathematics, F. Applied Mathematics

S. Economics, H.1. Botany

H. Botany, I
F. Physics, H.1. Chemistry
H. Botany, II (2)
H.1. Pure Mathematics, H.1. Applied Mathematics

S. Economics, F. Geology, H.1. Geography

S. Pure Mathematics, S. Chemistry, S. Physics
F. Pure Mathematics, H.1. Physics
S. Pure Mathematics, S. Botany,

S. Geography

S. Pure Mathematics, S. Applied Mathematics, S. Physics H. Geography, I I. Pure Mathematics, I. Chemistry,

I. Physics

H.1. Chemistry

H. Physics, II (2)
S. Pure Mathematics, S. Applied
Mathematics, S. Physics
S. Pure Mathematics, I. Applied

Mathematics, I. Physics

H. Physics, II (1) F. Pure Mathematics, H.1. Physics

F. Geology, H.1. Chemistry

H.1. Zoology

H. Geography, II (1)
I. Physics, S. Pure Mathematics, S. Chemistry
Pure Mathematics, S. Applied

Mathematics, S. Physics

H.1. Zoology, H.1. Botany

S. Botany

H. Zoology, II (1)
I. Chemistry, I. Botany, I. Zoology
S. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Pure Mathematics, S. Chemistry,

S. Physics

S. Pure Mathematics, S. Applied

Mathematics, S. Chemistry
I. Chemistry, I. Botany, I. Zoology
F. Physics, H.1. Chemistry
S. Pure Mathematics, S. Applied
Mathematics, S. Physics

I. Pure Mathematics, S. Chemistry,

S. Physics
H.1. Botany, H.1. Zoology
F. Zoology, H.1. Chemistry
I. Zoology, S. Geography, S. Botany
I. Pure Mathematics, S. Chemistry, S. Geology

Rumsey, Douglas Victor Samuel, Margaret Irene Smith, Mary Young Sutherns, Leslie John Thomas, Lily Muriel

Thomas, Margaret Eliza Thomas, Margery Myfanwy Lloyd Thomas, William James Orville

Williams, Alwyn Williams, David Richard Alun Williams, Griffith Oswald Richard

Williams, Gwyneth Catherine Williams, Joan Mary

Williams, Joan Olive

Williams, John

Williams, Ligia Betty Williams, Rosamond Williams, Sally, B.Sc. Williams, William Glyndwr

Williamson, Kathleen Joan Wood, Geoffry Norman

F. Pure Mathematics, H.1. Physics

S. Education, S. Zoology
S. Physics, H.1. Chemistry
H. Zoology, II (1)
H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. GeographyH. Zoology, II (1)S. Pure Mathematics, S. Chemistry, S. Physics

S. Geology, S. Geography, S. Botany H.1. Chemistry, F. Zoology

S. Pure Mathematics, S. Chemistry, S. Physics

I. Chemistry, S. Botany, S. Zoology I. Pure Mathematics, I. Applied Mathematics, I. Physics

 I. Pure Mathematics, S. Botany,
 I. Zoology
 S. Pure Mathematics, S. Applied Mathematics, S. Physics

H. Botany, II (1)
I. Geology, S. Botany, S. Zoology
H. Botany, II (2)
S. Economics, S. Geology,

S. Geography H. Pure Mathematics, II (1)

S. Pure Mathematics, S. Applied Mathematics, S. Physics

# Faculty of Science—(Pre-Medical)

Edwards, David Rowland Griffith, Gwenllian Mary

Llewellyn-Jones, David Anthony

Richards, Patricia Mary Robinson, Joyce Sybil

Thomas, Joan Mary Hopkins Thomas, Morgan Henry

I. Chemistry, I. Physics, I. Botany I. Chemistry, I. Physics, I. Botany,

I. Zoology I. Chemistry, I. Physics, I. Botany,

I. Zoology I. Physics, I. Botany, I. Zoology

I. Chemistry, I. Physics, I. Botany, I. Zoology

I. Chemistry, I. Physics, I. Zoology I. Chemistry, I. Botany, I. Zoology

Arnott, David

Chapman, George Harrison, B.Sc.

Davies, John

Davies, Thomas Harris

Davies, William Ellis Deakins, Robert Mervyn

Ellis, Trefor Owen

Faculty of Rural Science

F. Botany, F. Agriculture, S. Agricultural Botany H. Chemistry with Agricultural Chemis-

try, II (2) H.1. Chemistry, S. Agriculture, S. Agri-

cultural Chemistry S. Botany, S. Agriculture, S. Agricultural Chemistry

I. Botany, I. Zoology F. Botany, F. Agriculture, S. Agricultural Botany

S. Agricultural Botany, F. Agriculture, H.1. Chemistry with Agricultural Chemistry Chemistry

Evans, David Thomas

Evans, Douglas

Evans, Evan John, B.Sc.

Evans, John Vincent

Grenfell, Enid Gwynne, William Gareth

Hughes, Robert Griffith

Hunnam, Douglas

Jenkins, David Geraint, B.Sc. Jones, Beryl, B.Sc. Jones, David Kenneth

Jones, Margaret Jane

Judd, Charles Huw James

Laurie, Eleanor Mary Ord, B.Sc.

Lewis, Clifford

Lewis, Daniel Ivor Lewis, Islwyn Lewis, Windsor

Mead, Howard

Morgan, John Howard, B.Sc. Norton, John Anthony

Porter, Edward Stephen

Rees, William Edward Roberts, Benjamin Harold

Roberts, Humphrey Morris, B.Sc. Sinha, Akhouri Baleshwar Prasad

Wathan, Thomas Ellis

Watkins, Eluned Emma Whinham, William Neville

Williams, Peter Evans, B.Sc. Williams, Watkin

H.1. Agriculture, H.1. Zoology, including Agricultural Zoology, S. Agricultural Chemistry
F. Botany, F. Agriculture, S. Agri-

cultural Botany

Zoology, including Agricultural Zoology, I

H.1. Agriculture, H.1. Economics with Agricultural Economics, S. Agri-

cultural Zoology
I. Chemistry, I. Botany, I. Zoology.
F. Botany, F. Agriculture, S. Agricultural Botany

I. Botany, S. Chemistry, S. Agriculture, S. Agricultural Chemistry
S. Botany, S. Agriculture, S. Agri-

cultural Chemistry

H. Agricultural Botany, II (1)

H. Agricultural Botany, II (1) F. Botany, F. Agriculture, S. Agricultural Botany

H.1. Botany, H.1. Zoology, including Agricultural Zoology, S. Agriculture
S. Botany, S. Agriculture, S. Agri-

cultural Chemistry

Zoology, including Agricultural Zoology, II (1)

H. Chemistry with Agricultural Chemistry, II (1)

S. Zoology

I. Botany, I. Zoology F. Agriculture, H.1. Chemistry with

Agricultural Chemistry
F. Botany, F. Agriculture, S. Agricultural Botany

H. Agriculture, I S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Agricultural Botany, F. Economics with Agricultural Economics

I. Botany

F. Agriculture, H.1. Economics with Agricultural Economics

H. Agricultural Botany, II (1)

F. Agriculture, F. Economics with Agricultural Economics

S. Agricultural Chemistry, H.1. Agriculture, F. Zoology, including Agri-cultural Zoology
S. Economics, S. Agriculture
H. Chemistry with Agricultural Chem-

istry, II (1), F. Agriculture

H. Agricultural Botany, II (2) F. Botany, F. Agriculture, S. Agricultural Botany

#### Faculty of Law

Amos, Francis Hewett Part II, LL.B. Boas, Fritz Gerhard Part I, LL.B. H. Law, II (1) Collins, Ernest Somerville, LL.B. Davies, David Walters Prelim. LL.B. Davies, Lewis John Part II, LL.B. Edwards, David James Phillips Prelim. LL.B., I. History Part I, LL.B. Part I, LL.B. Part I, LL.B. Part I, LL.B. Evans, Gwilym Dylan Evans, Rhys William Evans, Thomas Emlyn Frankl, Anna Maria (Mrs.) Part I, LL.B. Glencross, Ralph Goring-Thomas, Rhys Part I, Constitutional Law, Part I, International Law Part II, LL.B.
Prelim. LL.B., I. History
Part II, LL.B. Hoar, Norman Roy Hughes, David Emrys Cwyfan Hughes, John Cwyfan Jones, David Alun Rhagfyr Prelim. LL.B., S. Welsh Iones, Gwyneth Margaret Roberts Prelim. LL.B., I. History Lewis, John Richards Part I, LL.B. Part I, Constitutional Law, Part II, Lloyd, George Vernon LL.B. Part II, Conveyancing and Equity, H. Law, II (2) Louis-Jones, Elizabeth Eirliw Part I, LL.B.

Rees, Lucy Gaynor Roberts, Norman Frederick Lloyd Williams, David Williams, Eric Vivyan Williams, John Eryl Hall

Williams, William Raymond

Moore, Alec Walford

Williams, Owen Glyn

H. Law, II (1) Part II, LL.B. Part II, LL.B. Part I, LL.B. Prelim. LL.B.

Part I, LL.B.

International Law

Part I, Constitutional Law, Part I,

# Faculty of Music

F. Theory of Music (including Com-Iones, Hannah Dorothy position), F. Exercise F. Theory of Music (including Composition), F. Exercise Walters, Walter Edmund

#### V. HIGHER DEGREES

Higher Degrees in the University of Wales were obtained by the following past and present students:-

Degree of M.A.

Bell, Idris Christopher, B.A. Economics Jarvis, John Brynmor, B.A. Geography Jones, Edgar, B.A. Economics Jones, Edward Haydn, B.A. Economics Jones, Gwenllian, B.A. Welsh Rees, Brinley, B.A. Welsh

Degree of M.Sc.

Davies, Thomas Glyndwr, B.Sc. Davies, Thomas Vivian, B.Sc.

John, Gwilym James, B.Sc. Jones, Twynog Gwynne Jeffreys, B.Sc.

Zoology Zoology

Zoology

. .

Degree of Ph.D.

Franklin, Charles Edmund Leonard, B.Sc. Chemistry

Jones, John Bradley, B.Sc. Radcliffe, Alan, B.Sc.

Botany

Wibberley, Gerald Percy, B.Sc.

Agricultural Botany Agricultural Economics

Class obtained in

Applied Mathematics

Degree of D.Sc.

Edwards, Evan Elias, M.Sc. Peate, Iorwerth C., M.A.

Zoology Geography

# VI. EXAMINATIONS FOR DIPLOMAS AND CERTIFICATES, 1941

#### University Diploma in Education

	Class obt	tained i <b>n</b>	
	Written	Practicas	
	Examinations	Skill	
Barnes, Dorothy Lois, B.A.	II	II	
Bowman, Diana Margaret Hopetoun, B.A.	II	II	
Cooper, Anna Wilson, B.A.	II	II	
Davies, Anna Gwenith, B.A.	11	II	
Davies, Glennis Eirwen, B.A.	11	I	
Evans, Anne Dorothea Mary, B.A.	11	11	
Evans, Elizabeth Margaret, B.A.	II	II	
Evans, Iris Mary, B.Sc.	$\mathbf{II}$	II	
Evans, Nesta Olive, B.A.	11	II	
Evans, Richard Edwin Roylance, B.A.	11	II	
Fullard, Miriam Rose Mary, B.A.	11	11	
Griffiths, Margaret Auriol, B.A.	$\cdot \cdot \cdot \mathbf{I}$	E	
Hardy, Patricia, B.Sc.	II	II	
Hobbs, Thelma Doreen, B.A.	11	11	
Jones, Eira Margaret, B.A.	II	ľ	
Lewis, Glenis Lizbeth, B.Sc.	II	. II	
Lewis, William Anthony, B.Sc.	II	11	
Luke, Nest, B.Sc.	II	II	
Merriman, Phyllis Margaret Howell, B.A.	$\mathbf{I}$	11	
Morris, Mair Aeron, B.A.	II	II	
Munford, Joan, B.Sc.	_ I	I	
Phillips, Margaret Joan, B.A.	II	I	
Rees, Elizabeth Ann, B.Sc.	II	11	
Reynolds, Gwen, B.A.	II	II	
Richards, Frances Mary, B.Sc.	II	II	
Richards, Sarah, B.A.	II	II	
Rogers, Esther, B.A.	11	II	

Stevenson, Margaret Pollock, B.A.	11	II
Thomas, Ellen Myfanwy Moira, B.A.	II	II
Thomas, Iris Lewis, B.A.	H	II
Tibbott, Megan Eluned, B.A.	$\mathbf{II}$ .	II
Tilston, Rona Isabel, B.A.	II	II
Watkins, Annie Kathleen, B.Sc.	II	II
Wemyss, Mysie, B.A.	II	II
Williams, Annie Eirwen, B.A.	II	H
Williams, Dorothy, B.A.	II	$\Pi$
Williams, Megan Alwena, B.A.	II	II
Williams, Noreen Mary, B.A.	II	H
Worthington, Dorothy Margaret, B.A.	II	II

# BOARD OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:—

Adams, James Macdonald, B.A. Bevan, Mary Jenkins, Phyllis Eirwen

COLLEGE DIPLOMA IN ART

First year: Second year:

Baker, Ian Crampton Phillips, Rachel Margaret

COLLEGE DIPLOMA IN CRAFT

First year:

Owen, Jane Valerie

College Diploma in Art Phillips, Rachel Margaret

#### College Diploma in Dairying

Beynon, Teresa M. Dixon, Sheila A. Evans, Mary I. Lewis, Thomas J.

Morgan, Lydia Morgan, Mair E. Vaughan, William L. R.

# COLLEGE CERTIFICATE FOR SHORT COURSE IN PRACTICAL DAIRYING

Davies, Elizabeth J. Elsnerova, Jamile Hooper, Ada D. Jones, Margaret M. H. Jones, Mary E. Jones, Myfanwy Ll. Lewis, Sheelah P. Manley, David C. F. Morgan, Elizabeth Williams, Ivy H.

#### NATIONAL DIPLOMA IN DAIRYING

Dixon, Sheila A. Evans, Mary I. Morgan, Kenneth J.

#### VII. DEPARTMENTAL REPORTS

#### CLASSICS

PROFESSOR E. D. T. JENKINS

The second war-time Session saw a sharp decrease in the number of the Staff, as Mr. Wild was called up in the long vacation of 1940, and Dr. Hopper in March of this year, while, after the close of lectures in May, Mr. Hudson-Williams left to take up a Government appointment. These departures called for a certain reorganisation of the work, and, in carrying this out, I desire gratefully to acknowledge the help of my remaining colleague, Mr. Duff, as also of Professors Smiley and Butler of University College, London.

The work of the students, both in term-time and in Sessional Examinations, was very satisfactory for the most part, although the performance of the weaker Intermediate students, in Latin, shows no improvement

on that of previous Sessions.

#### ECONOMICS AND POLITICAL SCIENCE

Professor R. B. Forrester

The record of the students in all sections was very satisfactory, in fact, under the circumstances I feel I ought to state that the results were specially good; this was particularly true of the Final and Honours candidates. As in the previous year, we have been pleased to assist in the work of teaching students of University College, London, five took our Subsidiary course and six our Final course; in addition, Mr. Percy George gave special attention to London students taking Economic Statistics. There was one post-graduate student, Mr. Idris Bell, and I am pleased to state that he was able to complete his thesis before he entered the army; he has now been awarded the Degree of M.A.

As Mr. J. H. Morris went on active service at Christmas time, Mr. K. H. Connell, B.Sc., was appointed temporarily to complete the work of this Session, and I am pleased to state that his services have been a very great

assistance to us, and that his work was very successful.

#### EDUCATION

Professór Idwal Jones

The work done in the Department during the Session has been generally

good but not outstanding.

The Department is grateful to the following, who gave lectures to the students in their professional year:—Emeritus Professor C. R. Chapple, Professor J. C. Flugel, Dr. Percy Scholes, Miss C. Simmins, Mr. von Laban, Mr. B. B. Thomas and Dr. Philpott. An interesting approach to physical education was demonstrated by Miss Uhlmann.

The Reverend Herbert Morgan kindly gave a course on the Bible.

Thanks must be expressed to the Heads of Schools and Directors of Education for giving in a difficult period the usual facilities and courtesies to

students in training and to members of the staff.

A very modest attempt is being made, in collaboration with Professor Cyril Burt's department, to set up a centre for the study of children. It is hoped to develop this important side of educational work as accommodation and finance permit.

The Department, in collaboration with the Board of Education, arranged a Course for Youth Leaders and Youth Organisers in Wales. The Head of the department acted as Warden whilst Mr. B. B. Thomas directed the course. It is gratifying to record the marked success of the school, the first of its kind to be held in Wales. The College has undoubtedly made a valuable and interesting contribution to the solution of problems connected with the 'Service of Youth' movement.

#### **Publications**

Mr. A. PINSENT

"Principles of Teaching Method." Harrap and Co. 1941.

Dr. Hywela Saer

"A Note on Dr. Johnson and Sebastian Mercier". Modern Language Review. Vol. XXXVI, 1.

#### Art and Crafts

Acting Head of the Department: Professor Idwal Jones

The work done by the students of the Training Department was below the usual standard.

The work of the full-time students in the Department attained a satis-

factory level.

The Frances Williams Exhibition was awarded to Miss Rachel M. Phillips for steady and progressive work done during the Session.

Miss Beryl Morgan was successful in passing the Board of Education

Examination in Drawing.

Mr. Bird gave a course of lectures on the history of Painting to adult students during the winter months in the College Buildings.

Mr. Gapper gave two lectures, in Welsh at Portmadoc, and in English at Machynlleth, under the auspices of the University of Wales Art Committee.

Owing to war conditions, it was not found advisable to hold an annual exhibition this year.

#### The Craft Gallery

Curator: Mr. R. L. GAPPER

The only addition made to the Art and Crafts Museum during this Session was the Eighteenth Volume of the Wren Society 1941.

#### ENGLISH

#### Professor Gwyn Iones

The work of students in the Department has been competent rather, than remarkable; examination results have been satisfactory, particularly in the Final and First Year Honours Classes. In many ways the Session has been one of transition: the new Head of Department took over in October 1940, Miss L. Winstanley is to retire after 42 years' service, and Mr. J. L. Palmer will be leaving the Department for national service. A good deal of work has been done with the First Year Honours Class in preparation for the revised syllabus which comes into force for 1941-42. Arrangements have now been made with Professors C. J. Sisson and R. W. Chambers, of the Department of English, University College, London, whereby next Session there will be close collaboration between the Honours Schools of the two Colleges.

#### Publications

PROFESSOR GWYN JONES

"Fjörbaugsgardar." Medium Ævum, IX, pp. 155-63. October, 1940. Editor: Welsh Short Stories, Penguin Books, November 1940.

#### Review:

Islenzk Fornrit, Vols VII, III, and VIII (Grettis Saga, Borgfirdinga Sögur, Vatnsdoela Saga, etc.), Reykjavik 1936-39. *Medium* Ævum, IX, pp. 164-9., October 1940.

#### FRENCH

# Professor Andre Barbier

In my last report, I stated that war conditions had made it necessary to drop certain aspects of the subject and to introduce certain modifications in the courses of study. This Session the work of the Department was carried on along the lines established last Session. The great majority of the students showed great assiduity and the standard was well maintained.

I have regretfully to place on record that, for the first time since 1909, no research work has been done this Session by post-graduate students in

residence or by old students working externally under my direction.

I desire to thank Dr. Hywela A. Saer who, with the kind permission of Professor Idwal Jones, has very obligingly and generously assisted the staff of the Department of French by taking charge of a number of tutorial and oral groups.

# **Phonetics**

### Dr. A. B. Thomas

Lectures were delivered on the Physiology and Acoustics of Speech and students were instructed in the principles and use of the Phonetic

Alphabet of the International Phonetic Association.

Individual coaching was given to students who found difficulty in certain aspects of the work, especially Phonetic Transcription. There was one student of outstanding merit. In judging results, it should be remembered that success in the study of Phonetics depends largely on sensitiveness of hearing which varies considerably. Much could be done by ear-training exercises; but this would require an extra hour weekly, and subdivision of the class.

#### GEOGRAPHY AND ANTHROPOLOGY

#### PROFESSOR C. DARYLL FORDE

There was a sharp decline in the number of students registered for courses and a further depletion especially in the Second year Honours class during the course of the Session. As before, the work of the Department was successfully co-ordinated with that of the Department of Geography of University College, London, and several joint lecture courses were arranged. London students pursuing the Subsidiary, General and Honours courses in Anthropology were also provided for. The Sessional Examination results were very satisfactory and all the four students who completed the Honours course reached a high standard.

Mr. J. B. Jarvis, a former Honours student in the Department, was awarded the M.A. Degree for a thesis on "Changes in Land Utilisation in

South-east Denbighshire, 1840-1938" which had been supervised in the Department.

All the members of staff have been active in voluntary work in national

service.

#### Publications

PROFESSOR C. DARYLL FORDE

Marriage and the Family in South-eastern Nigeria, Lund Humphries, London, 1941, pp. vi, 121.

Mr. E. G. Bowen

Wales; a Study in Geography and History, The University of Wales Press Board, Cardiff, 1941, pp. xvi, 182.

Mr. W. Fogg

A Moroccan Tribal Shrine and its relation to a nearby Tribal Market,

Man, Vol. 40, (1940).

Villages, Tribal Markets and Towns: some considerations on Urban Development in the Spanish and International Zones of Morocco, Sociological Review, Vol. 32 (1940).

Seasonal Changes at a Moroccan Tribal Market, Geography, Vol. 25.

Mr. A. E. Owen

Agricultural Divisions of Wales, Geography, Vol. 26, (1941).

#### GERMAN

#### Professor David Evans

The Session's work has been steady and successful. The work done was of the usual nature and has not been affected by the war. The two assistants in the department are in the services. Mr. T. P. Williams left

in August 1940, and Mr. H. B. Edwards in June 1941.

University College, London evacuated their German Honours Class to Aberystwyth for 1940-41 and we have been co-operating during the Session. It is to be hoped that a similar distribution of work will be possible in Session 1941-42, although the questions of textbooks and the arrangement of hours may create certain difficulties.

#### HISTORY

#### Professor R. F. Treharnes

Intermediate. Wartime conditions have again increased the size of this class, and it is noteworthy that the average quality of the class has improved with the size, a fair number of reasonably competent students having this

year joined the class.

Subsidiary. While the average competence of this class remains as high as ever, and while numbers have not fallen appreciably, the work of the best candidates, and especially of one or two quite promising men students, was somewhat disappointing; probably the pressure of the military and air-force training schemes upon their time and energy accounts sufficiently On the other hand, there was less irrelevance and incompetence than usual at the lower end of the class, and the number of weak passes was noticeably fewer.

Final and First Year Honours. In spite of the heavy pressure of the military and air-force training schemes on the time and energy of the men students, and in spite of the general disturbance of student life and work

which the war inevitably causes, the average quality of the work of this class. has never been equalled by any final class known to the present staff of the Department: in particular, there has been a marked decrease in irrelevance and a more serious application of intelligence to the purpose and meaning of historical study, noted both in the essay work during session and in the degree examinations. In view of the great difficulties and strain under which our students (far more favoured than most) are working, these facts are worthy of special mention.

Second Year Honours. The class worked hard, and, on the whole, exceeded our expectations in its final work and results. In Mr. Glanmor Williams, B.A., who obtained a highly creditable "first," we hope that Welsh historical studies will gain a young researcher of unusual qualities

and excellent equipment.

Postgraduate. Miss Diana M. H. Bowman, B.A., who obtained an excellent "first" in 1940, has been awarded the Junior Research Scholarship of the British Federation of University Women (£100 a year). Miss Diana M. H. Bowman, B.A., who obtained an

General. War-time conditions have somewhat hampered the work of the Historical Society in such matters as excursions and other out-of-door activities, but the Society has had a full programme of meetings, in which it has had the good fortune of hearing addresses by visitors as distinguished as Dr. Percy Scholes, Dr. Robin Flower, and Mrs. M. D. George. The falling-off of the numbers of men students, and the heavy demands of other activities upon the time of those men who are left, have thrown an unusually heavy load on to the senior women members of the Society, who have carried out their responsibilities with very good results. The Society has set aside a small fund for supplying, to former members of the Society now serving in the forces or in other forms of national work, copies of low-priced books, of a fairly serious character, such as the "Pelican" and similar editions: ex-students are finding this service, though very limited in scope, distinctly useful in supplying a need for which other agencies do not cater.

#### INTERNATIONAL POLITICS.

Professor E. H. Carr

No students were registered for courses in the Department during the Session. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments: Miss Morris. has continued to act as Librarian.

#### Publications 1

PROFESSOR E. H. CARR and DON S. DE MADARIAGA

The Future of International Government (Peace Aims Pamphlet No. 4: National Peace Council).

PROFESSOR E. H. CARR

The Future of Nations: Independence or Interdependence. (Kegan Paul.)

#### PHILOSOPHY

#### Professor R. I. Aaron

In spite of the decrease in the number of students at the College, there was a slight increase in the number taking Philosophy this Session. Four students took the Second Year Honours Course, and one was put in the First Class. The work of the students in all classes was very satisfactory.

#### Publications

Professor R. I. Aaron

The 'Autobiography' of Edward, First Lord Herbert of Cherbury: The Original Manuscript Material. Modern Language Review, Vol. 36, No. 2. (April. 1941) pp. 182-192.

#### WELSH

#### Professor T. H. Parry-Williams

The number of students attending classes in the Department was approximately the same as last year. There was a comparatively large number of students taking the Subsidiary Course in their first year, and the majority of them acquitted themselves very creditably. The work done at all grades was quite satisfactory.

Mr. Brinley Rees, B.A., who held a University Studentship for two years, and Miss Gwenllian Jones, B.A., both former students of the Department, were awarded the Degree of M.A., the former in October, 1940, and the latter in June, 1941.

Publications

Mr. Thomas Jones

Brut y Tywysogion. Peniarth MS. 20. Caerdydd: Gwasg Prifysgol Cymru, 1941.

Mr. Garfield Hopkin Hughes

Halsingau Dyffryn Teifi. *Yr Eurgrawn*, Chwefror, 1941, tt. 58-63, Mawrth, 1941, tt. 89-91, Ebrill, 1941, tt. 126-7.

#### Celtic Research and Palaeography

#### Mr. Timothy Lewis

Most of the Session was devoted to the Social History of early and mediaeval Wales in relation to contemporary Ireland and England.

Parts of the results obtained were published in two new numbers of the

"Aberystwyth Revisions" Series.

Part I dealt with the XII-XIV century English Sergeanty of "Sack and Brocca" as it appears in Welsh Literature. Because of the apparatus available this Welsh story has hitherto been treated as Brythonic and pre-Roman folklore.

Part II deals with aspects of the Welsh tribal system and the light

which the mediaeval Gild Merchant System throws upon it.

This is mainly an attempt to clear the ground for the second part of the story of the Celtic tribal system. Part I of the tribal system was published last year. It is hoped that this second instalment will be finished by the end of the Summer vacation as all the evidence is assembled.

All the time it endeavoured to provide an improved apparatus for students who wish to deal with mediaeval Welsh whether they are interested

in Linguistics or in Institutions.

#### WELSH HISTORY

#### Professor E. A. Lewis

Courses were taken by approximately the same number of students as last year at various stages in the Departments of History and Economics. For the first time over a period of some thirty years, no post-graduate research students presented themselves for instruction in Palaeography.

Mr! Glanmor Williams, B.A., showed distinct capacity and promise, and followed up an award to him of the T. E. Ellis Essay Prize in December. 1940, by securing a very good First Class at the Honours stage in History in June, 1940. Thanks are due to the Professor of Education for his courtesy in allowing Mr. Ifan ab Owen Edwards to take charge of Welsh History at the Intermediate stage, owing to the absence on war service of Dr. Roderick.

At the National Library of Wales substantial progress was made with a Survey and Analysis of hitherto unpublished materials illustrating some aspects of the Agrarian History of the County of Montgomery from the time of the Black Death to eve of the Act of Union. In addition, an interesting series of documents in the important Brogvntyn Manuscripts recently deposited at the National Library of Wales concerning the Manor of Broniarth (1437 to 1774) was scheduled, with complete copies and extracts of the most significant items.

### Publications

Professor E. A. Lewis

"Schedule of the Montgomeryshire Quarter Session Records." (Mont. Coll., Dec., 1940.) (First instalment.)

DR. A. J. RODERICK

"The Four Cantreds." (B.B.C.S., Dec., 1940.)

#### BOTANY

# Professor L. Newton

The work of the Department has been continued as far as possible during the Session, though field work has been more difficult than usual. It was not possible to arrange for a visit to another locality at Easter, so a four-day expedition to the local woodland areas was undertaken, in order to give the Honours students a better conception of the conditions governing the distribution of the flora. The excursion proved very successful and it is hoped that further data may be obtained later.

Research work has continued as far as conditions allowed. Mr. J. B. Jones obtained a Ph.D. in November for a thesis concerning the surface ecology and post-glacial history of certain local bogs. Mr. H. M. David, M.Sc., has continued his work on the ecology of the marine algae, and his

thesis will shortly be presented for the degree of Ph.D.

Students leaving the Department have all obtained appointments and a former student, Dr. Mary Reese, has been appointed to an Assistant

Lectureship at University College, Swansea.

I am again indebted to Mr. J. B. Willans for gifts to the library, and I wish to acknowledge my indebtedness to Dr. Salter for his ever-ready help in the provision of specimens for class use.

#### CHEMISTRY

# PROFESSOR T. CAMPBELL JAMES

Although the number of students in the Department fell to 49, the accommodation and resources of the Laboratories have been taxed to the utmost by the continued presence of the University College, London, Honours and Research Schools of Chemistry, numbering 73 students and five members of staff.

Mr. Hudleston resumed his duties in the Department during the Michaelmas Term, but returned to military service in January. Dr. Gwynne Davies also returned to take charge of the Senior Training Corps Contingent and resumed his direction of the Intermediate Class.

The work of the classes in each grade was satisfactory, that of the Final (1st Year Honours) class being particularly good. Three students completed the combined Honours course in Chemistry with Agricultural

Chemistry.

Mr. C. E. L. Franklin, B.Sc., presented a research thesis and was awarded the Ph.D. degree (director: Mr. Hudleston).

#### Publication

Mr. C. R. Bury

The Duhem-Margules equation and Raoult's Law. Trans. Faraday Soc. 1940.

## **GEOLOGY**

#### Professor H. P. Lewis

The two students at the Honours stage in the Department were called up for military service during the Christmas term. The work at lower grades was not up to the usual standard and the percentage of failures in the Sessional Examinations was greater than it has been for several years. One Geography Diploma student pursued the course in Intermediate Geology.

There were seven students of University College, London, in the Department. Of these, one pursued and completed the Aberystwyth Intermediate course in Geology, five pursued Subsidiary petrology and one Honours candidate received instruction in stratigraphy and petrology.

Field work with students was confined to excursions within Cardiganshire. I visited Montgomeryshire during the Easter vacation, and, later, submitted a report to the Montgomeryshire War Agricultural Executive Committee, at its request, on the extent and workability of the deposits of phosphate within the county.

Gifts to the Department of the "Advancement of Science," Vol. i, by J. B. Willans, Esq., and of rocks, minerals and fossils (collected by the late G. J. Williams, Esq., of Bangor) by Principal G. A. Edwards, M.A.

are gratefully acknowledged.

#### APPLIED MATHEMATICS

#### Mr. Thomas Lewis

The work in all grades was satisfactory as a whole. The degree of M.Sc. was awarded to Mr. T. V. Davies, B.Sc., for a dissertation embodying the results of original research (see below).

#### Publications

Mr. Thomas Lewis

"On the Solution of Two-dimensional Problems of the Dirichlet and Neumann Type." Quart. Journ. Math. Oxford. Vol. 12. 1941.

Mr. T. V. Davies

"An Investigation of the Flow of a Viscous Fluid past a Flat Plate using Elliptic Coordinates." *Phil. Mag.*, Vol. xxxi, p. 283. 1941.

#### PURE MATHEMATICS

### Professor V. C. Morton

In spite of war conditions, the work done in the Department during the Session has been very satisfactory, particularly that in the First Year Honours class, which contained several promising students. In the Honours examination in Mathematics, the one candidate was placed in the First Class and in Pure Mathematics the one candidate was placed in the Second Class, First Division. The results in other grades were rather better than usual. In my opinion the students in the Department have been working with a definite sense of responsibility.

Only a few students of University College, London, have taken courses in the Department this Session. There has been little difficulty in arranging

for them.

#### PHYSICS

Mr. I. C. Jones reports as follows:-

The normal work of the Department has been carried on during the Session, the number of undergraduate students having increased slightly since the previous year. The work done by the students was on the whole of a high order, and only two failures occurred in the Sessional Examinations. Owing to the great demand for physicists in the Services and in industry, the normal number of post-graduate students has been reduced to one, and the research work of the Department very severely curtailed.

Professor Williams, who is engaged on war work at the Royal Aircraft Establishment, has been able to pay periodic visits to the Department. Dr. R. M. Davies was granted a second year's leave of absence in connection with his Leverhulme Fellowship, and Miss E. M. Williamson continued as temporary lecturer in his absence. Mr. D. A. Richards left in October to take up a temporary position as Scientific Officer at the Royal Aircraft Establishment, and Dr. G. R. Evans was appointed to replace him. Mr. G. R. Richards, who was pursuing a Ph.D. course, interrupted his work on his appointment as Assistant III at the Royal Aircraft Establishment.

The Department provided accommodation for forty-four members of University College, London, under the general charge of Dr. F. C. Chalklin, of University College, London. Practical classes have been separate, but lectures have throughout been arranged on a joint basis, and Dr. Chalkin has co-operated with the Aberystwyth staff in the work of the Final and Honours classes.

#### Publication

Professor E. J. Williams

Multiple Scattering of Fast Electrons and Alpha-Particles. *Physical Review*. Vol. 58. 292. 1940.

# ZOOLOGY

# Professor T. A. Stephenson

The number of students this Session was 55 from the University College of Wales, and seven from University College, London. The M.Sc. degree was awarded to Mr. T. G. Jeffreys Jones, B.Sc., for a thesis entitled "Experiments with some winterwashes of fruit trees and fruit tree insecticides". The Honours class, consisting of six students, did unusually good work this Session.

The Department would like to record its good wishes to Emeritus Professor R. D. Laurie, who retired at the end of last Session, and to express

its regret that his long tenancy of the Chair is now at an end: everyone in the Department is indebted to both Professor and Mrs. Laurie for kind-

ness on innumerable occasions.

During the Michaelmas Term, 1940, Dr. E. E. Watkin was in chargeof the Department, and I should like to thank him for carrying on until my arrival in January 1941, in which month my appointment became effective. I should like, also, to thank Miss Audrey Jones for voluntary part-time teaching assistance, and Dr. Travis Jenkins (through the good offices of Major Owen D. Jones) and Professor H. P. Lewis for gifts to the Department.

In spite of various difficulties, the teaching has been carried on in a fairly normal manner, and both staff and honours and research students have shown a most laudable determination in pursuing original investigations under adverse conditions. A plan has now been developed under which as much as possible of the research of the Department will be directed towards investigations calculated to assist the war effort: in particular, Dr. J. R. E. Jones is taking up a study of the Elateridae of the district, which it is hoped will supplement the work of Mr. J. R. W. Jenkins and his assistants on the Government Wireworm Survey.

#### Publications

Professor T. A. Stephenson, Mrs. A. Stephenson and Dr. J. H. Day The South African intertidal zone and its relation to ocean currents. Lamberts Bay and the west coast. Annals of the Natal Museum, Vol. IX, 1940.

Professor T. A. Stephenson

A summary account of the ecological survey of the South African coast carried out from the University of Cape Town during the years Private publication, March, 1941.

DR. E. E. WATKIN

The swimming and burrowing habits of the amphipod Urothoë marina (Bate). Proc. Roy. Soc. Edinburgh, Vol. LX, 1940.

Observations on the night tidal migrant Crustacea of Kames Bay. Journ. Mar. Biol. Assoc. U.K., Vol. XXV, 1941. The yearly life cycle of the amphipod, Corophium volutator.

Animal Ecology. Vol. X, 1941.

Dr. F. Gwendolen Rees

Studies on the germ cell cycle of the digenetic trematode Parorchis acanthus Nicoll. Part II. Structure of the miracidium and development in the larval stages. Parasitology, germinal Vol. XXXII, 1940.

The resistance of the flatworm Monocelis fusca to changes in temperature and salinity under natural and experimental conditions.

Journ. Animal Ecology, Vol. X, 1941.

Dr. J. R. E. Jones

The fauna of the river Melindwr, a lead-polluted tributary of the river Rheidol in N. Cardiganshire, Wales. Journ. Animal Ecology, Vol. IX, 1940.

A further study of the relation between toxicity and solution pressure with Polycelis nigra as test animal. Journ. Exper. Biol., Vol. XVII, 1940.

A study of the zinc-polluted river Ystwyth in North Cardiganshire, Wales. Ann. Applied Biol., Vol., XXVII, 1940.

The toxicity of the double chlorides of mercury and sodium. I. Experiments with the Minnow Phoxinus phoxinus (L.). Journ. Exper. Biol., Vol. XVII, 1940.

The fauna of the river Dovey, West Wales. Journ. Animal Ecology, Vol. X, 1941.

# LAW

# Professor D. J. Llewelfryn Davies

At the beginning of the Session, I succeeded Professor Levi as head of the Department. During his tenure of the Chair, the Aberystwyth Law Department has had an exceptionally brilliant record, and for me, who have studied under Professor Levi and served on his staff, it is a great

privilege to follow him.

A number of senior students did not return in October to complete their courses as they were already in the Forces when the Session opened, but this was largely offset by an exceptionally large entry of new students into the Department. Out of thirty-five Law students who registered this Session, twenty-two were first year students. This unusually larger entry is presumably due to the present tendency for prospective solicitors to spend the period before reaching military age at a Law School rather than commit themselves immediately to articles, which they would not be able to complete before joining up. Eighteen of these new students have entered for the LL.B. Degree, while the other four pursued the special one-year course before articles, which has been instituted to meet the requirements of intending articled clerks who do not wish to take a Law Degree.

In spite of the war, the standard of the work was, on the whole, very satisfactory. Three students were awarded Second Class Honours, and seven passed the Final Examination. Particularly encouraging has been the quality of the work of the first year students, some of whom show exceptional promise, and I cannot but regret the absence of a scholarship to mark exceptional merit in Part I of the LL.B. A student who may have a special aptitude for Law does not have an opportunity to reveal this in the College Entrance Scholarship Examination, and the institution of a prize or scholarship such as is awarded at Cambridge on the result of Part I of the Law Tripos, and in London and Birmingham as the result of the Intermediate LL.B. examinations would be a great encouragement to the cause of legal studies in the College.

A revised scheme of study for the LL.B. Degree has been approved by the University and will come into operation in October. Under the new scheme it will be less difficult for students who enter the College with adequate qualifications to complete the LL.B. Degree with Honours

in three years.

It was not possible to resume the Law Classes at Colwyn Bay, but the Classes under the Central Wales Law School continued to be held during the Session.

#### Publications

Mr. W. D. H. WINDER

Precedent in Equity. The Law Quarterly Review, April, 1941, Vol. 57, pp. 245-279.

Conflicting Precedents. The Law Quarterly Review. Oct., 1940.

Vol. 46, pp. 457-459. The Cy-Pres Application of Surplus Charitable Funds. The Conveyancer, March, 1941, Vol. 5, pp. 198-212. Trials. The Journal of Criminal Law, Jan., 1941, pp. 75-84.

Joint Trials.

Articles in:

The Law Times, Nov. 30th, 1940, Feb. 1st, May 31st and June 28th. 1941.

The Solicitors' Journal, Oct. 12th, Oct. 26th, 1940, Jan. 11th, Feb. 22nd, March 8th, May 31st, and June 7th, 1941.

The Law Journal, May 3rd, 1941.

The Journal of Criminal Law, Oct., 1940, and Jan., 1941.

#### MUSIC

#### Professor David de Lloyd

FACULTY OF ARTS

Intermediate.—The students who took this course made fair progress during the Session. Few, however, showed sufficient promise to justify

the further pursuit of the subject.
Subsidiary.—In this group, several students whose interest was not

confined to the mere academic side of the subject, showed considerable musical ability and they should have little difficulty in satisfying the requirements of the next stage. The remainder of the class was of the average

persevering type.

Final.—There was one student of outstanding ability in this class—Miss Patricia Pothecary—whose work in the Final (University) examination was specially commended by the external examiner. Two other students did creditable work during the Session, though the standard they attained in the June examination did not come up to one's expectation.

FACULTY OF MUSIC

Final.—Two students, Miss Dorothy Jones and Mr. Walters, having satisfied the examiners in (i) Theory of Music, (ii) Composition and (iii) Exercise, qualified for the degree of B.Mus. Miss Jones's work, especially the String Quartet she submitted as her exercise, shows that she possesses

considerable musical gifts.

The weekly chamber music concerts, held this year in the College Examination Hall, and the Friday "At Homes" were continued throughout the Session and attracted audiences which fully appreciated the programmes presented to them. These included the chamber-music works of Brahms, Beethoven, Mozart, Haydn, Tanaiev, Borodin, Glazounov and others. Renewing acquaintance with most of these, hearing others for the first time (including some of the lesser known quartets of Haydn), the listener may well congratulate himself on his good fortune in having such opportunities made available to him, session after session. At the end of each term, the Choral, now reduced to a female choir, and the Orchestra, assisted by students as soloists—Miss Dorothy Jones (violin), Miss Patricia Poethecary (piano)—provided a programme which included more familiar works.

#### AGRICULTURE

# Professor J. J. Griffith

The number of students taking courses of study in the Department during the past Session was as follows:—

Degree Courses					
1st Year		*****		******	12
2nd Year	*****	*****		******	7
3rd Year	******	*****	******		14
4th Year	*****	*****	*****	*****	9
Postgraduate	******	******			1
Diploma in Dairying					
1st Year					5
2nd Year			*****		8
Short Course in Dairying	r	*****			10
Special Course in Dairyin	ng	*****		*****	. 1
Refresher Course in Mac	hine N	Iilking	*****	*****	7
					74

Owing to war conditions, there has been a considerable decrease in the number of students in the Department and the work is now carried on

under very difficult circumstances.

The work of the students pursuing Degree courses was of very satisfactory quality. All students of the Subsidiary grade were successful at the Sessional examinations and only one student was unsuccessful at the Final examination. The only Honours candidate, Mr. J. Howard Morgan, made excellent progress with his work and, as expected, he was placed in the First Class at the University examination.

Most Agricultural students, after completing their course, have entered the service of the County War Agricultural Committees, and a high proportion of those who have not completed will be likewise temporarily

employed during the summer vacation.

#### AGRICULTURAL BOTANY

MISS K. SAMPSON

Grade	No. Registered	No. who took Sessional Examina- tions	No. Passed
Subsidiary 2nd Year Hons.	13 4	12 4 16	9 4 13

The work of the Honours students has been good, three obtaining a Class IIA degree and one a Class IIB. Mr. A. Radcliffe, B.Sc., was awarded a Ph.D. degree on an excellent thesis entitled "Hybridisation in *Ustilago Avenae* (Pers.) Jens. and *Ustilago Kolleri* (Wille)."

The Department is indebted to Dr. T. J. Jenkin and other members of the research staff for courses or occasional lectures on Plant Breeding

and Grassland Agronomy.

Dr. W. Ellison and Mr. D. Walters Davies have been for the most part engaged on county work connected with the War Agricultural Campaign. With the help of three technical assistants, Mr. D. Walters Davies has carried out a practical programme of seed treatment and initiated research work on some of the fundamental problems involved.

Many past students of the Department are now engaged on war work

and the supply is not equal to the demand.

#### Publication

MISS K. SAMPSON

List of British Ustilaginales. Transactions of the British Mycological Society, Vol. XXIV, 294-311. 1940.

# AGRICULTURAL CHEMISTRY

#### Mr. R. O. Davies

The number of students taking courses in the Department was as follows :-

Honours		*****	3
Degree—Final		******	2
Degree—Subsidiary	******	******	8
Certificate in Dairying	******	*****	12
			25

Two of the Honours students obtained a Second Class, Division I, and the other a Second Class, Division II. Both Final candidates were successful, and all the Subsidiary students made satisfactory progress.

Work arising out of the Land Fertility Scheme has extended during the Session. This affords intimate contact with all types of farmers and farm land at a time when general enlightenment on fertility questions is a

matter of vital urgency.

One interesting feature brought out by the work is the high quantity of available potash present in bracken infested soil. This may be of considerable importance in view of the scarcity of potash supplies; seeing that extensive tracts of bracken land in several counties of the College area are now being devoted to potatoes. Experiments have accordingly been commenced in Montgomeryshire and Breconshire to find the extent to which potash can be eliminated from the fertilizer mixture applied to these lands without affecting the potato crop.

Experiments are also in progress on the direct use of mineral phosphates, and samples of the phosphorite deposit at Pen-y-Garnedd, Montgomeryshire, have been included among a number of mineral phosphates

that are being tested.

A large amount of experimental work on silage has been carried out during the Session. The results derived from this, which have been circularised to the War Agricultural Executive Committees, indicate those factors that are of significance in the production of high quality silage

from our crops in Mid-Wales.

Investigations have been undertaken ,in co-operation with the Veterinary Investigation Officer for the area, into serious losses of farm animals that occurred last year in South Pembrokeshire. Laboratory experiments and feeding trials have finally established the nature of the herbage contamination responsible for these losses.

#### Publication

Mr. R. O. Davies

The Effect of Manuring, Grazing and Cutting on the Yield, Botanical and Chemical Composition of Natural Hill Pastures. 11. Chemical Section. *Journal of Ecology*. Vol. XXIX, 1, 1941.

#### AGRICULTURAL ECONOMICS

PROFESSOR A, W. ASHBY

Grade	No. registered	No. who took Sessional Eaxmina- tions	No. Passed
Final Post-Graduate	4 2	4	4
TOTALS	6	4	4

The amount of teaching required has been less than in pre-war Sessions, but a Final Course was conducted, and tuition was provided for two Ph.D. candidates. A past student of the Department and Ministry of Agriculture research scholar, Mr. G. P. Wibberley, B.Sc., has been passed for the degree of Ph.D. The usual courses were conducted in the School of Agriculture,

University College of North Wales.

In January last, Mr. W. H. Jones, M.Sc., Marketing Assistant, left the Department to become Executive Officer of the Pembrokeshire War Agricultural Executive Committee and Mr. R. Bennett Jones, M.Sc., was appointed Marketing Assistant in May. Mr. H. E. Evans, B.Sc., Technical Assistant, left to become a District Officer of the Leicestershire War Agricultural Executive Committee in July, 1940, and Mr. W. J. Thomas, B.Sc., a former student of the College, was appointed to this post in October. The removal of two experienced officers, Mr. E. Llewelyn Harry, M.Sc., and Mr. W. H. Jones, M.Sc., has been a serious loss to the Department, but this would have been greater but for some changes in conditions of marketing farm products. There have, however, been important advisory activities in respect of marketing and the purchase of supplies. The Department has also suffered the loss of two clerical assistants, Messrs. R. L. Evans and J. G. Rees, who are now on military service.

The normal work of the Department in studies of farm organisation and management has been continued. Nearly 100 financial accounts of farms have been completed, with over 100 financial survey records. Costs of 60 milk production enterprises have been recorded, and for a smaller number costs have been recorded in great detail and monthly reports prepared. Over 50 other farmers have supplied records of labour employed and wages paid. The number of poultry enterprises for which financial and other records are obtained has diminished because of special difficulties in this

branch of farming, but over 30 will be completed for the year.

There have been many special war activities. I have continued service as a member of the Sub-Committee on Scientific Food Policy, and during this year I have served on the Livestock Policy Conference of the Ministry of Agriculture and on the Cropping Policy Conference of the Ministries of Food and Agriculture. In August, 1940, I was asked to be responsible for special enquiries in the Technical Consultative Service arranged by the Ministry of Agriculture. It was arranged that I should deal with Economics, including Marketing and Supplies, and Animal Husbandry, including Dairying, in Wales, while Professor G. W. Robinson, Bangor, would deal with enquiries regarding Soils and Manuring, Crops and Grass, and Veterinary Subjects. The special enquiries have not been as numerous as may have been expected, but a considerable number have been received and dealt with, mostly by enlisting the assistance of experts in the University of Wales and elsewhere.

Frequent contacts with War Agricultural Executive Committees have been maintained and a number of special Memoranda and Reports on economic aspects of agricultural policy have been prepared by special request or as contributions to the information on immediate problems.

The Department was recently asked by the Ministry of Agriculture to conduct the central activities of the National Farm Survey for the thirteen counties of Wales. The County War Agricultural Executive Committees will make a record of each individual holding. The Department will be responsible for making two copies of each record and filing one, together with other information relating to the individual holding, in Aberystwyth. An outline plan of each holding will also be made. It is estimated that files for 50,000 holdings may be compiled here. Only the preliminary arrangements for this survey have so far been made.

All the staff of the Department have been extremely active. Contacts with farmers have been well maintained in spite of the fact that farmers are now sometimes inclined to state their occupation as that of "farmer and form-filler." But the personal contacts between members of staff of the Department and farmers are both widespread and frequent, and they often provide information about farmers' problems and their modes of dealing with them which is not otherwise obtainable. Not the least important feature of these contacts is that they provide opportunities of carrying useful information from farm to farm as well as between farms and research or advisory and administrative institutions.

#### Publications

Professor A. W. Ashby

Some Economic Causes of War and Agricultural Organisation. Reprinted from *Journal of the Agricultural Economic Society*, December, 1939.

Mr. J. Pryse Howell

Changes in Production of Milk and in certain items of production Costs on 19 Farms in Wales for October—March, 1938-39 and 1939-1940. Welsh Journal of Agriculture, Vol. XVI. 1940.

Financial Results of 63 Farms in Wales, 1937-38 and 1938-39. Welsh Journal of Agriculture, Vol. XVI, 1940.

Mr. W. H. Jones

Distribution of Profits by Agricultural Co-operative Societies in Wales.

Welsh Journal of Agriculture, Vol. XVI. 1940.

Some Legal and Political Implications of Government Guarantees for Farmers. Welsh Journal of Agriculture. Vol. XVI. 1940.

Mr. I. H. Smith

The Labour Requirements of the Ploughing-up Campaign in Wales.

Welsh Journal of Agriculture, Vol. XVI. 1940.

The Consumption of Grain and Grain Products by Poultry Flocks. Welsh Journal of Agriculture, Vol. XVI. 1940.

Mr. J. R. E. Phillips

Agricultural Workers' Budgets, Welsh Journal of Agriculture, Vol. XVI. 1940.

Mr. H. E. Evans

Feeding of Dairy Cows in War-time. Welsh Journal of Agriculture. Vol. XVI. 1940.

Mr. J. D. Griffiths

The Cost of Grazing on Welsh Farms. Welsh Journal of Agriculture. Vol. XVI. 1940.

DEPARTMENT OF AGRICULTURAL ECONOMICS

Costs of Tractor Work. Welsh Journal of Agriculture. Vol. XVI. 1940.

# Agricultural Book-keeping

#### MR. J. H. SMITH

Twelve students pursued a course of instruction in Book-keeping

during the Session.

The number of students who took book-keeping in the National Diploma in Dairying Examination in 1940 was six, of whom four were successful.

#### DAIRY BACTERIOLOGY

#### Mr. S. B. Thomas

The number of students taking courses in Bacteriology was as follows:—

Research		******		1
Second Year	*****	*****		8
First Year	*****	•••••	*****	5
Short Course	*****	*****		10
				24

Seventy of our students have obtained posts as Bacteriologists at commercial creameries and dairy plants during the last eight years. The supply of qualified students has been much below the demand during the

last 3—4 years.

Advisory and investigational work has been considerably increased during the year as the Ministry of Agriculture has made arrangements for the extension of advisory services to creameries. The staff of the Department have already worked during this spring, for periods of 2—3 weeks

at a time, at five different creamery laboratories in the province.

During the last War, one of the most serious problems which confronted the dairy industry was the wastage due to souring, which reduced the amount of milk available for liquid consumption and affected adversely the quality of home-produced dairy produce. Many factors have since contributed to a substantial improvement in the general standard of milk production, distribution and manufacture. Advisory work is being mainly concentrated on helping to maintain this standard under wartime conditions.

#### Publications

Dr. J. G. Davis and Mr. S. B. Thomas

A comparator for the resazurin test. Dairy Industries, 5, 24.

Mr. S. B. Thomas, Mrs. J. A. Jones and Miss M. E. A. Lloyd

Grading milk by means of roll tube counts. Proc. Soc. Agr. Bact. (1941).

Mr. S. B. Thomas and Miss E. Jenkins

Colony counts on milk agar at 25°, 30° and 37°C. Proc. Soc. Agr. Bact (1941).

Mr. S. B. Thomas and Miss D. Probert

The cellular content and reducing activity of milk. *Proc. Soc. Agr. Bact.* (1941).

Relation of cellular content of milk to reduction of resazurin and methylene blue. Dairy Industries, 6 (1941).

Mr. S. B. Thomas

The cellular content of milk. Dairy Industries, 6, 41 and 102 (1941).

Mr. S. B. Thomas, Miss D. Probert and Mr. K. Morgan

The cellular content of milk-Experiments on reducing activity. Dairy Industries, 6 (1941).

Mr. S. B. THOMAS and Mr. K. MORGAN

Correlation of cellular content and catalase index of milk. Dairy Industries, 6 (1941).

#### DAIRYING

# Mr. John Lewis

During the period under review, the following numbers of students pursued the various courses in Dairying :-

Second Year Dairy Diploma 8 First Year Dairy Diploma ..... 5 ..... Short Course in Dairving ..... 10 Refresher Course in Machine Milking --30

The changed conditions of the period have resulted in a considerable reduction in student numbers and have made necessary certain modifications in the instruction given, as well as changes in the method of marketing the dairy's production of both butter and cheese.

Following an arrangement made between the Butter and Cheese Division of the Ministry of Food and the College, the greater part of my time is devoted to acting as a Butter and Cheese Grader for the Ministry, with practically the whole of Wales to cover as an area.

My frequent absence from Aberystwyth has meant added duties and responsibilities for the Assistant Instructress, Miss Dorothy Probert, N.D.D.

#### ADVISORY MYCOLOGY

#### Mr. D. Walters Davies

The amount of Advisory Work done during the year was considerably more than in previous years as more use is being made of the Advisory Service by County War Agricultural Executive Committees. The number of specimens of plant diseases sent in for examination and report showed a substantial increase, many of them referred to the Dry Rot of potatoes, a disease which was particularly troublesome on early varieties this year. In addition to routine examination of specimens, a large number of lectures on plant diseases were given to farmers, gardeners and young farmers' club; and many demonstrations on seed treatment and potato spraying were carried out in the province.

Schemes for the treatment of cereal seeds and potato spraying against 'Blight' disease were submitted to and approved by the Ministry of Agriculture and for this purpose the Ministry sanctioned the appointment of two temporary assistants. These two officers, who are now in charge of this work, have visited War Executive Committees and many district Committees in the College area with the object of explaining and discussing with them the most expeditious way of carrying out the schemes.

Experimental work has been carried out on the Dry Rot Disease on potatoes which caused serious losses to many growers in the province. Further investigations are in progress on certain aspects of seed treat-

ments.

# ADVISORY ZOOLOGY

Mr. J. R. W. Jenkins

As in Session 1939-40, the amount of time devoted to lectures was, by official request, reduced to a minimum, and only a few lectures on special subjects were given to Honours students in the Department of Zoology.

The chief feature of the year's work has been the survey of the wireworm population of both grass and arable land, for which purpose six assistants have been provided by the Ministry of Agriculture. A very large volume of advice on suitable cropping of their fields has been given to farmers in the College area. This has resulted in the avoidance of losses due to growing susceptible crops on fields possessing a high wireworm content. During the survey the opportunity was taken to assess the leatherjacket population where present, and this enabled losses due to these pests to be reduced to a minimum by the adoption of suitable measures of control.

Continued assistance has been given to the Crymmych Seed Potato Growers' Association and to the Montgomeryshire Red Clover Seed Growers' Association in the production of high grade disease-free potato seed and in the control of the Clover Seed weevils, respectively.

General advisory work has been carried out on an increased scale.

#### THE WELSH PLANT BREEDING STATION

DIRECTOR: SIR R. GEORGE STAPLEDON ASSISTANT DIRECTOR: DR. T. J. JENKIN

In consequence of the establishment of the new Grassland Improvement Station at Stratford-on-Avon, and the loan of members of the Welsh Plant Breeding Station staff to act as technical advisers to various County War Agricultural Executive Committees, the more purely experimental and research aspects of the Station have been considerably curtailed. The greatest possible care is, however, taken that meanwhile valuable genetical material is not being lost so that the work may again be resumed and developed when conditions become normal.

Through those members of the staff who have been loaned to the Counties, the knowledge gained at the Station is being passed on directly to the Executive Committees and to the farmers, so that the Station, while curtailing experimental work, is giving very valuable direct service to Food

Production.

One aspect of the work of the Station is, however, being maintained at practically full strength. The Station-bred strains and varieties are being maintained so that reliable basic seed of each strain and variety becomes available each year. This basic seed is grown on so that the strains are multiplied up to the stock seed stage for distribution to commercial growers. This continuous flow of reliable material, it is realised, must be maintained at all cost, and has necessitated the appointment of an additional member to the staff of the Seed Production section. The scheme of seed-crop inspection instituted in 1940 has been successfully continued in 1941, so that certified seed of the Station-bred strains should be in fair supply in 1942.

In this connection it is to be regretted that it has been found impossible to proceed with the erection of a shed to house the seed drier. The difficulties met with were such that the project had reluctantly to be suspended.

Owing to the absence of members of the staff, organized parties of

visitors have not recently been encouraged, but from time to time a few fairly large parties, and many smaller ones, have been shown over the Plant Breeding Station and/or the Cahn Hill Improvement Scheme.

During the week 7th-12th July, 1941, an organized course for young seedsmen, numbering thirty-five and representing many seed firms, was This was primarily concerned with seed production, but all aspects of the work were described and demonstrated by those members of the staff who are immediately involved.

#### Publications

July, 1940-June, 1941

SIR GEORGE STAPLEDON,

Ley-farming. War Food Production Advisory Bulletin No. 2. pp. 22. 1941.

MR. WM. DAVIES,

Winter Forage in Britain: the possible use of pampas and tussac grasses. Emp. J. Expt. Agric. Vol. 8. No. 32. pp. 289-94. 1940.

The Yield and other characteristics of grasses and clovers when sown in simple mixtures on an exposed hill at an elevation of 1,300 ft. Welsh J. Agric. Vol. 16. pp. 175-205. 1940.

MR. GWILYM EVANS,

Herbage Seed Production. War Food Production Advisory Bulletin No. 3. pp. 30. 1941.

MR. Moses Griffith,

Experiment on the eradication of bracken by summer ploughing. Welsh J. Agric. Vol. 16. pp. 227-9. 1940.

The Best Utilization of Hill Land. War Food Production Advisory Bulletin No. 4. pp. 20. 1941.

Messrs. Moses Griffith, and Ll. Phillips,

Experiments on the wintering of mountain ewes. Welsh J. Agric. Vol. 16. pp. 206-26. 1940.

MR. W. E. J. MILTON,

The effect of manuring, grazing and cutting on the yield, botanical and chemical composition of natural hill pastures. I. Yield and botanical section. J. Ecol. Vol. 28. No. 2. pp. 326-56. 1940.

Mr. M. T. Thomas.

Indigenous perennial ryegrass and commercial strains of meadow fescue, cocksfoot, and timothy in simple mixtures. Welsh J. Agric. Vol. 16. pp. 154-9. 1940.

Seeds mixture experiment (1927) sown. Welsh J. Agric. Vol. 16.

pp. 160-75. 1940. Seeds mixtures. War Food Production Advisory Bulletin No. 5. pp. 21. 1941.

#### IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS

Director: SIR R. GEORGE STAPLEDON Deputy Director: DR. R. O. WHYTE

The work of the Bureau has continued with only slight reductions due to war conditions. The publication of *Herbage Abstracts* has been continued, and the amount of literature to be abstracted still shows little sign of drastic reduction. Because of the difficulties of communication with many countries, however, it has been decided to suspend publication of *Herbage Reviews* until conditions become more normal. This journal has in the meantime been replaced by *Subblement* issues to *Herbage Abstracts*.

One Bulletin was published during the year; this was the report prepared by Mr. William Davies on his tour of the Argentine and Patagonia, made during March and April, 1938, after his visit to the Falkland

Islands.

An important development in the organization of the Imperial Agricultural Bureaux has been the formation of a Central Sales Branch, to carry out all work connected with subscriptions, sales, distribution and publicity for the journals and occasional publications of all Bureaux. The office of this Branch has been located at Aberystwyth, under the control of the Deputy Director of the Pasture Bureau, and a special clerical staff has been organized to carry on the very considerable amount of record-keeping and correspondence with all parts of the democratic world which this new development entails.

#### Publications

Herbage Abstracts. 1940. Vol. 10. Nos. 3 and 4.

1941. Vol. 11. Nos. 1, 2 and 3.

Herbage Reviews. 1940. Vol. 8. No. 3/4.

Bulletin 30. "The grasslands of the Argentine and Patagonia." By Mr. William Davies. pp. 48.

DR. R. O. WHYTE

Soil fertility and national health. Nature, Lond. Vol. 147. pp. 590-1. 1941.

Regional agricultural laboratories in the United States. Nature, Lond. Vol. 147. pp. 597-9. 1941.

#### EXTRA-MURAL STUDIES

Director: Mr. B. B. THOMAS

There was naturally some uncertainty in the autumn and four sessional classes were started at a late stage. The task of finding suitable tutors was more difficult than usual, but it is encouraging to report that the total number of classes was 41, of which 12 were tutorial and 29 sessional. The number of students enrolled was 739.

The subjects of study were as follows:—Welsh Literature and History, 10, Philosophy, Ethics and Psychology 9, Economics and Political Thought 4, Geography and Anthropology 4, Music 3, International Relations 3, Biblical Studies 3, Literature 2, History 2, Art 1. The Geographical distribution was as follows:—Cardiganshire 11, Carmarthenshire 14, Merioneth 5, Montgomeryshire 5, Pembrokeshire 4, Radnorshire 2.

Mr. Thomas Jones, Assistant Lecturer in Welsh, left for H.M. Forces and this deprived the department of the services of a very successful tutor.

The following tutors were appointed to take classes for the first time :-Mr. H. Bird (Aberystwyth), Mrs. R. O. Griffith (Harlech), Rev. R. O. Hughes (Dyffryn), Mr. Garfield Hughes (Pantperthog), Mr. D. E. James (Talgarreg) and Mr. H. N. Jerman (Aberdovey). We are grateful to them and to all other tutors for their ready co-operation in the work of the Session. Class secretaries and many leaders of social life throughout the region also deserve thanks for many forms of willing assistance.

Under the special provisions of the Adult Education Regulations, short courses of lectures followed by discussions and ranging from three to nine meetings in number were arranged throughout the region. These enabled the College to maintain its connection with localities that could not be given classes and to meet a demand for local lectures by approved university lecturers. Some of these short courses were given in conjunction with local Literary and Cymmrodorion Societies and Aelwydydd of Urdd Gobaith Cymru. The subject of these courses were Welsh History and Literature 10, International Relations 9, Economics 4, Science 2, Philosophy 4, Biblical Studies 2, English Literature 1. The geographical distribution was as follows:—Cardiganshire 7, Carmarthenshire 5, Merioneth 8, Montgomeryshire 7, Pembrokeshire 5, Radnorshire 1. Requests for further courses and full classes during next session have already been received from several centres.

The work of the resident tutors has proceeded in Carmarthenshire, Pembrokeshire, Montgomeryshire and Radnorshire, while the Director has given direct attention to Cardiganshire and to that part of Merioneth that falls within the Aberystwyth region. The Local Education Authorities have continued their contributions and the County Libraries have been ready to supplement the boxes of books, so kindly supplied by the National Library of Wales.

The Annual Rally of students was not held, but successful Regional Conferences met at Carmarthen (May 24), Newtown (June 7), Dolgelley (July 28). In each of these, teaching problems, local developments and The North and South Wales Districts of the pioneer work were discussed.

W.E.A. co-operated in the organisation of these Conferences.

The Regional Committee for Adult Education in H.M. Forces was constituted in July, 1940, and up to May 31, 1941, it has been responsible for the organisation of 200 lectures and 65 classes. The Principal is Chairman and the Director is Secretary of the Committee. The Local Education Authorities have co-operated enthusiastically in this work and the Resident Tutors have willingly assumed new responsibilities on its behalf within their areas.

It is a pleasure to record our gratitude to the Reverend Herbert Morgan for his valuable services as Director from 1921-40. His association with this work has awakened the zeal and loyalty of large numbers of men and women in the region on behalf of adult education and this will be a source of strength in the difficult days of war. At a meeting of the Extra-Mural Classes Committee on 14th June, and in the presence of representatives of tutors and classes, the Principal presented the Reverend Herbert Morgan with a gift as a token of appreciation and good wishes.

# UNIVERSITY TUTORIAL AND SESSIONAL CLASSES

County	Centre	Subject	Men	Women			
	TUTOI	RIAL CLASSES					
Cards.	Rhydypennau	Ethics	13	7			
Carms.	Carmarthen Llandebie	Political Thought Modern European Political	7	8			
	Llanelly Penygroes Tumble	Systems Music Music Music	17 4 6 5	6 2 2			
Merioneth	Aberdovey Dinas Mawddwy	Anthropology	9 10	11 10			
Mont.	Llanidloes Machynlleth	Geography Philosophy	23 17	7			
Pembs.	Milford Haven Narberth	Political Science	8 9	8 7			
SESSIONAL CLASSES							
Cards.	Aberystwyth Aberystwyth Aberystwyth Bwlchygroes Cardigan	International Relations Welsh Life and Literature Art ' Welsh Literature International Relations	12 12 10 18 24	16 8 15 6 2			
	Llanilar Penygwaith Pontrhydygroes Talgarreg	Biblical Literature Llenyddiaeth Grefyddol Problemau Economaidd Heddiw Welsh	8 8 12 12	6 10 6 4			
	Tregaron	Philosophy	16	4			
Carms.	Alltwalis Bancffosfelen Carway Felinwen Ffairfach	Welsh Literature Hanes Cristnogaeth Politics and Ethics Llenyddiaeth Groeg Science and Religion	7 15 14 8 14	5  8 4			
	Newcastle Emlyn Pencader Pontyberem St. Clears	Hanes Cymru	10 20 15 14	$\frac{10}{2}$			
Merioneth	Dyffryn Harlech Pantperthog	Social Psychology Welsh Literature Welsh Literature	18 4 8	8 26 6			
Mont.	Clatter Llanfair C. Newtown	Hanes Gwareiddiad Anthropology English Literature	. 9 7 5	5 11 8			
Pembs.	Haverfordwest St. David's	History of Pembroke Welsh History	11.8	4 16			
Rads.	Llandrindod Rhayader	International Relations Anthropology	12 13	6			

# SHORT COURSES

4	Averag Attend	<i>!-</i>		No. of
County	ance	Tutor	Subject Le	ectures
Cards. Llandyssul Ystumtuen	50 35	Rev. Herbert Morgan I. C. Jones	Cefndir y Beibl Y Mawr a'r Bach yn y Cread	4
Llangybi Llangeitho Tre'rddol	18 17 30	Ifan ab Owen Edwards T. I. Ellis R. O. Davies	Hanes Cymru Addysg yng Nghymru Gwyddoniaeth a Bywyd Gwledig	4 4
Berth, Tregaron Penuwch	20 12	\{\text{W. J. Thomas}\}\{\text{W. H. Jones}\}\{\text{B. G. Owens}\}	Agricultural Economics Pynciau'r Dydd Popular Welsh Litera- ture	3 1 4
Carms. Caio Talley	35 35	Rev. Leslie Evans	Contemporary European Movements International Relations	4 3
Llanpumpsaint Milo Moriah	10 30 80	Rev. D. J. Williams T. Gwynn Jones Rev. Herbert Morgan	Philosophy Welsh Literature Democracy	4 4 4
Merioneth Barmouth Llanbedr	40 15	Prof. Gwyn Jones B. B. Thomas	The Modern Novel Hanes Cymdeithasol Cymru	<b>4</b> 9
Dolgellau	38	D. J. Gwenallt Jones	Agweddau ar Lenydd- iaeth Cymru	4
Y Friog	15	T. I. Ellis	Arloeswyr Addysg yng Nghymru	4
Abermaw Penmaenpool	30 30	Dr. T. Gwynn Jones Dr. Gwenan Jones	Llenyddiaeth Cymru Llenyddiaeth yr Hen Destament	4
Llanfair Aberdovey	15 35	D. J. Williams Dr. T. Gwynn Jones	Llenyddiaeth Cymru	8
Mont. Betws Cedewair	ı 26	Dr. Otto Hahn	Problems of Peace and War	4
Bwlchyffridd Newtown Caersws Llangurig	40 25 30 40	Rev. Robert Evans Dr. Otto Hahn do. Rev. Herbert Morgan	Ethics Central Europe do. Gwroniaid Gwerinaeth	4. 4. 4.
Llanbrynmair Welshpool	40 11	Dr. T. Gwynn Jones Percy George	Llenyddiaeth Cymru Banks and Banking	4
Pembs. Moylegrove Hazelbeach Fishguard Glandwr Trevine	12 25 40 35 15	Hugh Evans Mrs. T. O. Jones Mrs. Phillips Mrs. Mathias Davies Rev. Idwal Jones	International Relations International Problems Welsh Literature Welsh Literature Welsh History	4 4 4 4
Rads. Penybont	15	S. F. H. Johnston	Aspects of the War Situation	4

#### LIBRARIES

#### Mr. Arthur ap Gwynn

Statistics. A table of statistics for the Session is given below. The decrease in student numbers is reflected in decreased issues of books to readers; relatively, however, the total figure of issues shows that the

use made of the Libraries remains at the same level

Administration. The supply of books and periodicals published in this country has been well maintained and, with the obvious exception of the French and German departments, few departments have been seriously affected by lack of material. From time to time books and parts of periodicals have been reported by publishers and agents to have been destroyed by enemy action, and a certain number of American periodicals (now the only foreign periodicals being received) have been lost at sea. Otherwise, with accessions totalling 1,681, as compared with the total of 2,478 for the previous Session (during at least nine months of which foreign material was being regularly received) the effect of war conditions does not seem to be unduly heavy.

Student numbers reverted to a more normal figure, and the resources of the library were not taxed as heavily as during the previous Session. The normal seating accommodation of the General Library was found to be adequate for all readers. From the experience of Session 1939-40, it was held to be unnecessary to open the Libraries at night. I have once again to thank the authorities of University College, London, for sending a mem-

ber of their Library staff to help in the work of the Libraries.

Substantial additional book grants were allocated during the Session to the departments of English, Law and Zoology. The collections in these subjects have thereby been considerably strengthened, and important gaps filled. It is, however, becoming increasingly difficult to find convenient shelving accommodation in both General and Science Libraries—a difficulty not lessened by the accessions resulting from these special grants—and arrangements have been made for withdrawing little-used books from the shelves and storing them in a separate storage room outside the Library. It is believed that this can be done without removing any books for which there is a steady demand and that as a result space

will be freed for the shelving of accessions for some time to come.

Donations. Gifts of books and periodicals have been received from the following donors, amongst others:—Mr. and Mrs. Courtman, of Connah's Quay (131 volumes—presented in memory of their son, J. C. Courtman, a former student of the College); British Museum (Natural History) (20 vols.); Carnegie Endowment for International Peace (5 vols.); Mr. J. Challinor, U.C.W. (33 vols.); Discovery Committee, London (4 vols.); Mr. H. F. Elenor, Woodville, Penglais Road (17 vols.); Mr. Francis H. A. Engleheart, The Priory, Stoke-by-Nayland (12 vols.); Principal Ifor L. Evans (11 vols.); Miss Ethel Falkener, Laugharne (9 vols.); Friends of the National Libraries (3 vols.); Mr. Sydney Herbert, U.C.W. (4 vols.); Professor Gwyn Jones, U.C.W. (5 vols.); Rev. Herbert Morgan, U.C.W. (10 vols.); Dr. R. Owen Morris, Aberdovey (4 vols.); National Museum of Wales (3 vols.); Pilgrim Trust, per Messrs. Maggs Bros., Ltd. (6 vols.). Forty-two theses and dissertations were received from the University Registry at Cardiff and sixty-three calendars, prospectuses, annual reports and similar publications from various universities, colleges and institutions.

#### STATISTICS, 1940-41

Volumes dealt with during the year:		dy in	Library	7	18 1,681
Pamphlets dealt with during the year	r				858
					2,557
Books issued to members of University	ity Col	llege o	f Wales		
General Library (Term)	-				5,935
(Vacation)					672
Science Library (Term)					747
(Vacation)					183
Books issued to members of Univers					105
General Library (Term)					4,150
(Vacation)					614
Science Library (Term)					201
(Vacation)					66
					12,568
•					
Borrowers for vacation, University C	ollege	of Wa	les:		
General Library					248
Science Library					53
Borrowers for vacation, University C					
General Library					172
General Library Science Library					26
50101100 215-4-7					
					499
Books borrowed through Regional Wales and Monmouthshire, Library: For members of	and :	Nation	al Cen College	itral of	
Wales			• •		44
For members of Uni	versity	Colle	ge, Lon	idon	22.
					66
Books applied for but not available Books lent through Regional Librarie	es Sche	eme ar	d Nati	onal	13
Central Library					179
Central Library Books applied for to the University	Colle	ge of	Wales,	but	
not available for loan		·			59
Theses borrowed from University Re	gistry,	Cardi	ff		7
Number of catalogue slips (addendational)				nion	
Catalogue, Regional Libraries	Schem	e for	Wales	and	
Monmouthshire					2,249

#### HALLS OF RESIDENCE FOR WOMEN STUDENTS

SENIOR WARDEN: MRS. K. GUTHKELCH

Throughout the Session, the number of students (Aberystwyth and London) has been large at Alexandra Hall—over 150—and included seven or eight students for a short course in Dairying. During the Easter vacation, I housed a conference of the Association of Headmasters and Headmistresses of Welsh Secondary Schools.

The number of students (Aberystwyth only) at Carpenter Hall was 49, and there were no vacation courses there—arrangements for both courses (School for Clergy and Workers' Educational Association) having to be cancelled because of war conditions. Students in the Training Department were accommodated there during September.

The health of the students has been good, but I again notice a higher rate of sickness among the students of University College, London, than

of Aberystwyth.

#### SENIOR TRAINING CORPS CONTINGENT

CAPTAIN D. GWYNNE DAVIES

At the beginning of this Session the Senate decided to allot the whole of Wednesday in each week to military studies. This has considerably increased the opportunities for Contingent work. A College Course in Military Studies was also introduced, completion of which requires a pass in a College Examination in Military Studies, together with a pass in the practical examination for either Certificate "A" or Certificate "B".

In addition to the parades on Wednesdays during term, courses of

continuous training have been conducted during each vacation.

An Officer on the General Staff of the War Office visited the Contingent

during the Session.

It is considered inadvisable to publish numerical data at present, but it may be stated that a higher proportion of students in College now undertake the training. There has been an increase in the establishment of Officers, Permanent Staff Instructors and Cadets. A considerable number of Cadets passed the War Certificate "A" and "B" Examinations during the Session. The passing of the Certificate "B" Examination has meant that a number of students have qualified for direct entry to Officer-Cadet Training Units.

#### UNIVERSITY AIR SQUADRON

SQUADRON LEADER C. R. WHYTT

The Squadron was formed on the 15th January, 1941, for instruction of Aircrew.

Lectures were given in the following subjects:-

Navigation Signals Armament Recognition of Aircraft Law and Discipline Hygiene and Sanitation.

On completion of the Course in July, 1941, very satisfactory results were achieved, an average mark of 87% in all subjects being obtained.

It is hoped that, during the next Session, actual air experience may be given to Cadets, in addition to the usual curriculum.



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# University College of Wales

**ABERYSTWYTH** 

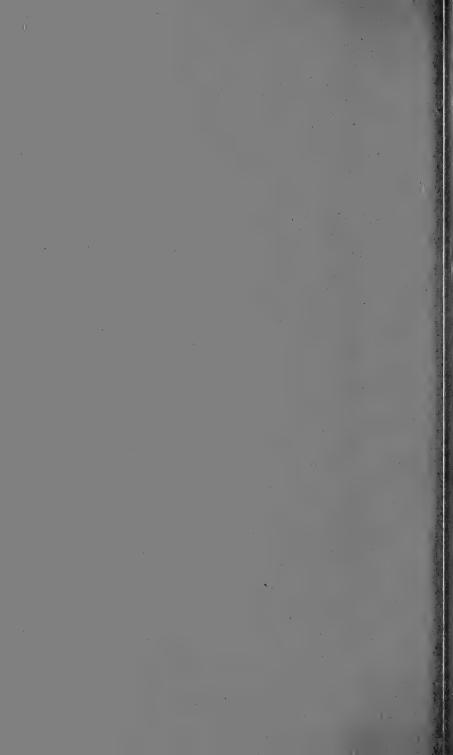


# REPORTS

SUBMITTED TO THE

## COURT OF GOVERNORS

21st OCTOBER, 1942



## University College of Wales

**ABERYSTWYTH** 



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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-first Session, 1942-43.

# University College of Wales

**ABERYSTWYTH** 



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10	vetive	$\imath n$	October.	1942

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To retire in October, 1943

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Greek and Latin	Professor of Classics: E. D. T. JENKINS, M.A. (Oxon.).  Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.).  Assistant Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab.); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab.), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturers: J. EARNSHAW, M.A. (Manc.); J. L. PALMER, M.A. (Cantab.).
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales.  Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales); Assistant Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: J. L. ANDRÉ BARBIER, Licenciê ês Lettres (Paris), O.A., Chevalier de la Légion d'Honneur. Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Université de Paris. Assistant Lecturer: J. KILLA WILLIAMS, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales).  Assistant Lecturers: HANDEL B. EDWARDS, M.A. (Wales); T. P. WILLIAMS, M.A. (Wales).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Assistant Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.).
Welsh History	Sir John Williams Professor: Vacant. Research Lecturer: A. J. RODERICK, M.A. (Wales), Ph.D. (Lond.).
Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.).  Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Assistant Lecturer: J. R. JONES, M.A. (Wales).

Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Lecturers: G. H. GREEN, M.A. (Wales), Ph.D., B.Sc. (Lond.), B.Litt. (Oxon.); IFAN AB OWEN EDWARDS, M.A. (Wales and Oxon.); Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall. Assistant Lecturer: Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.). Instructress in Needlework: Miss L. M. DAVIES, B.A. (Wales). Instructor in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: H. BIRD, A.R.C.A. Part-time Asistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Lecturers: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales); J. H. MORRIS, M.Sc. (Lond.).
International Politics	Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.).  Lecturer: HUGH SETON-WATSON, B.A. (Oxon.).  Lecturer in Colonial History: E. JONES PARRY, M.A. (Wales), Ph.D. (Lond.).
Music	Gregynog Professor: D. J. de LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing). HUBERT DAVIES, A.R.A.M. (Violin).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Special Lecturer (under Solicitors Act, 1922): R. A. WING, B.A., LL.B. (Cantab.). Assistant Lecturer: W. H. D. WINDER, M.A. (Oxon.), LL.M. (Lond.), Barrister-at-Law.
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Lecturer: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg). Assistant Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales).
Applied Mathematics	Independent Lecturer and Head of Department: THOMAS LEWIS, M.Sc. (Wales). Assistant Lecturers: Miss DOROTHY S. MEYLER, M.Sc. (Wales); C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).
	\

	Professor: E. J. WILLIAMS, Ph.D. (Cantab. and
	Manc.), D.Sc. (Wales), F.R.S. Senior Lecturer: R. M. DAVIES, D.Sc. (Wales),
	F. Inst. P.
Physics	Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P.
	Assistant Lecturers: D. A. RICHÁRDS, M.Sc. (Lond.), A.R.C.S., D.I.C.; Miss E. M. WILLIAM-
	SON, B.Sc. (Lond.).
1	Technical Assistant: L. E. SULSTON, Assoc. I.E.E.
	Professor: T. CAMPBELL JAMES, M.A. (Cantab.),
	D.Sc. (Wales), F.I.C. Senior Lecturers: C. R. BURY, M.A., B.Sc. (Oxon.);
Chemistry	L. J. HUDLESTON, M.C., B.Sc. (Lond.).
·	Assistant Lecturer: D. GWYNNE DAVIES, B.Sc.,
	Ph.D. (Wales).
	Professor: T. A. STEPHENSON, D.Sc. (Wales). Lecturers: E. E. WATKIN, Ph.D., D.Sc. (Wales);
Zoology (including	Miss F. G. REES, Ph.D., D.Sc. (Wales).
Agricultural <	Assistant Lecturer: I. R. ERICHSEN IONES.
Zoology)	Ph.D., D.Sc. (Wales).
	Special Lecturer in Entomology: J. R. W. JENKINS, M.Sc. (Wales).
	Gregynog Professor: C. DARYLL FORDE, B.A.,
Geography and	Ph.D. (Lond.).
Anthropology	Special Lecturer in Geography: W. E. WHITE-
	HOUSE, M.Sc. (Wales). Lecturers: E. G. BOWEN, M.A. (Wales); WALTER
	FOGG, M.A. (Manc.).
	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.),
	F.L.S.
Botany	Lecturers: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.; P. W. CARTER, M.Sc. (Wales).
200011y	Assistant Lecturer: Miss IRENE M. WILSON,
	M.Sc., Ph.D. (Lond.).
a . 1	Professor: H. P. LEWIS, M.A., Sc.D. (Cantab.).
Geology	Lecturers: J. CHALLINOR, M.A. (Cantab.); J. I. PLATT, M.Sc. (Manc.).
,	Professor: ELLIS J. ROBERTS, M.A. (Cantab.),
Agriculture and Rural	M.Sc. (Wales).
Economy	Senior Lecturer: RICHARD PHILLIPS, M.Sc.
	(Wales), A.I.C.
Agricultural	Independent Lecturer and Head of Department:  R. O. DAVIES, M.Sc. (Wales), F.I.C.
Chemistry	Assistant Lecturer: W. M. ASHTON, B.Sc., Ph.D.
	(Wales).
	Professor: A. W. ASHBY, Hon. M.A. (Oxon.).
Economics	Assisted by Advisory and Research Staff (see below).
	Professor: T. J. JENKIN, D.Sc. (Wales). Senior Lecturer: Miss K. SAMPSON, M.Sc. (Lond.).
Agricultural Botany	Assistant Lecturer: WILLIAM ELLISON, B.Sc.,
	Ph.D. (Durham), N.D.A.

Advisory Chemistry  Adviso
Advisory Agricultural Zoology  Advisor: J. R. W. JENKINS, M.Sc. (Wales).  Assistants: T. J. DAVIES, M.Sc. (Wales); J.  MORGAN JONES, B.Sc. (Wales); R. G. EVANS, B.Sc. (Wales); L. J. SUTHERNS, B.Sc. (Wales).
Advisory Mycology Adviser: D. WALTERS DAVIES, B.Sc., (Wales).  Assistants: D. L. G. DAVIES, B.Sc., Ph.D. (Wales);  J. BRADLEY JONES, B.Sc., Ph.D. (Wales).
Advisory Dairy Bacteriologist S. B. THOMAS, M.Sc. (Wales).
Dairying Solution of College Dairy: JOHN LEWIS, N.D.A., N.D.D.  Assistant: Miss MEGAN JONES, B.Sc. (Wales), N.D.D.
Superintendent of College Farm RICHARD PHILLIPS, M.Sc. (Wales), A.I.C.
Poultry Manager SIDNEY JACKSON, N.D.P.
Agricultural Book- keeping Instructor: J. H. SMITH, M.Sc. (Wales).

Veterinary Hygiene
Agricultural
Engineering

Instructor: R. PHILLIPS, M.Sc. (Wales), A.I.C.

Instructor: A. PARRY, M.R.C.V.S.

Director: Professor T. J. JENKIN, D.Sc. (Wales).
Research Workers in charge of Investigations: R. D.
WILLIAMS, M.Sc. (Wales); WILLIAM DAVIES,
M.Sc. (Wales); E. T. JONES, M.Sc. (Wales);
GWILYM EVANS, M.Sc. (Wales); M. T.
THOMAS, B.Sc. (Wales); Ll. IORWERTH
JONES, B.Sc. (Wales).
Grassland Adviser: MOSES GRIFFITH, M.Sc.

(Wales).

Welsh Plant Breeding Station

Assistants: A. R. BEDDOWS, M.Sc. (Wales); W. E. J. MILTON, M.Sc. (Wales), N.D.A.; LLEWELYN PHILLIPS, B.Sc. (Wales); D. E. EDWARDS, B.Sc. (Wales); G. P. HUGHES, B.Sc. (Wales); T. E. WILLIAMS, B.Sc. (Wales); A. G. DAVIS, M.Sc. (Wales), B.S.A. (Toronto); DAVID J. GRIFFITHS, B.Sc. (Wales); WATKIN WILLIAMS, B.Sc. (Wales); W. G. GWYNNE, B.Sc. (Wales).

Translator: Miss RHODA PETER JONES, B.A. (Wales).

(Adviser: Professor A. W. ASHBY, Hon. M.A.

Agricultural Economics Research and Advisory Staff	(Oxon.).  Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales).  Marketing Assistant: E. LLEWELYN HARRY, M.Sc. (Wales).  Permanent Technical Assistant: J. H. SMITH, M.Sc. (Wales).  Technical Assistants: J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D., Diplomas in Agriculture and Dairying (Aberystwyth); W.* J. THOMAS, B.Sc. (Wales); C. TREVOR WILLIAMS, N.D.A., Diploma in Agriculture (Aberystwyth).
Physical Training  Department of Extra-	Instructress: Miss B. M. COX, Diploma of Anstey Physical Training College.  Director: B. B. THOMAS, M.A. (Oxon.).  Resident Staff Tutors: D. HUGHES LEWIS, B.A.
Mural Studies Welsh Literature	(Wales); ALWYN D. REES, M.A., (Wales); T. I. JEFFREYS JONES, M.A. (Wales).  Emeritus Professors T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales),
Education Agricultural Chemistry English Law Zoology Agriculture	D. Litt. (Dublin), N.U.I C. R. CHAPPLE, M.A. (Lond.). T. W. FAGAN, M.A. (Cantab.), F.I.C. J. W. H. ATKINS, M.A. (Cantab.). T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.). R. D. LAURIE, M.A. (Oxon.). J. JONES GRIFFITH, B.Sc. (Wales).
Director Emeritus of the Welsh Plant Breed- ing Station	SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

#### ADMINISTRATION

Registrar: J. MORGAN JONES, M.A. (Wales).
Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.
Librarian: ARTHUR AP GWYNN, M.A. (Wales).
Senior Warden of the Halls of Residence for Women Students and Warden of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.).
Warden of Carpenter Hall: Miss C. J. MACGREGOR.

## REPORT

### 1941-1942

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1942, is presented:—

### I.--STUDENT NUMBERS

	Session	s		
1937-38	1938-39	1939-40	1940-41	1941-42
Total Numbers.         Men      496         Women      227         Total	465 213 ——678	386 194 ——580	252 216 ——468	253 260 ——513
First Year Students.  Men	119 54 ——173	100 55 ——155	108 69 ——177	126 110 ——23 <b>6</b>
Degree Students.         Initial Degree        515           Post-graduate         51           Total         —566	472 53 ——525	444 40 ——484	382 8 390	432 7 ——439
Other Students (excluding Short Courses) 157	153	96	78	74
Distribution of Students.  NORTH WALES. Anglesey . 7 Caernarvonshire 29 Denbighshire . 12 Flintshire . 17 Merioneth . 23 Montgomeryshire 38 ——126	11 25 14 14 23 46 ——133	6 21 13 13 14 27	6 19 9 10 18 24	2 19 9 9 26 28
SOUTH WALES AND MONMOUTHSHIRE. Breconshire 18 Cardiganshire 158 Carmarthenshire 14 Glamorgan 195 Pembrokeshire 30 Radnorshire 5 Monmouthshire 5	20 138 101 181 25 5 25 —495	14 118 84 168 22 7 21	10 99 62 127 14 7 16 ——335	10 115 58 142 16 3 17
REMAINDER OF GREAT BRITAIN . 28 OVERSEAS 14	34 16	41 11	37 10	5 <b>0</b> 9

II. STATISTICS OF COLLEGE DEPARTMENTS (Excluding students of University College, London.)

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	Other students		9	-	1	-				- 22		1
Students passed	Diploma or Certificate			1	1	-	-		١.			
	Post-graduate			1		33		1		1		
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nden	1st Year Honours		-	2	9			12	6		œ	
jo	Final			3	9	1	1	16	-		3	9
Number	Subsidiary		-	13	31	9	.	47	28		29	13
	Intermediate		4	15+3*	1 -	1	2	13	$ 14+10^{*}$	1		11+2*
	Other students		10			-				33		
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	Intermediate		5	41			-2	23	29			77
	Department	Classics:	(a) Greek	(b) Latin	Economics	Education	Art and Crafts	English	French	Phonetics	• eography and Anthropology	ramon

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History	International Politics	Philosophy	Welsh	Welsh History	Botany	Chemistry	Geology	Mathematics:	Applied	Pure	Physics	Zoology	Law	Music

The Statistics relating to the Agricultural Department will be found in the respective departmental reports. "Granted pass at Intermediate Stage on result of Subsidiary Examination."

\*\*Students who took examination externally.

# III. AWARDS HELD

1. Entrance Scholarships and Exhibitions were awarded as follows:—

1, Entrance Scholarsh	ips and Exhibitions were	awarded as follows:—
Award Value David Davies £40 Price Davies 35		School Attended Pontywaun County Cyfarthfa Castle Secondary
Price Davies 35 Keeling Entrance 30 Sir Alfred Jones 25 Rendel Memorial 25 Commercial	Jones, Percy Owen Williams, David Wm. Evans, Dd. Matthew Griffiths, Gwilym Parry	Llanfyllin County Llanelly Boys' County Aberdare Boys' County Grove Park Boys' County
Travellers 20 Mold Eisteddfod 15	Murray, Wm. Lyn Lewis, Joan Olivia Margaret	Port Talbot Secondary Vaynor and Penderyn Secondary
(b)	CLOSED SCHOLARSHIP	s
Joseph Thomas £50 Machynlleth Eisteddfod Prize 5	Ellis, Edward Lewis	Aberystwyth County
R. H. Richards 40	Loyn, Wm. George Grenville	Tregaron County
Robert Bryan Music 35 David Morgan Thomas 15 Caterham	Evans, Meurig Davies, Huw Tudwal	Llanelly Boys' County Colwyn Bay Secondary
Sir Alfred Jones 25	Griffiths, Lewis John	Queen Elizabeth Grammar School, Carmar then
Elizabeth Davies (Brynteifi) 20 Ellis Eyton 10	Adams, Julia Margaret H ** Jones, David Morris	I. Llanelly Girl's County
2. Other Scholarship	s, Exhibitions and Grant	ts were held by the follow-
(a)	RENEWED FOR A SEC	
Award David Davies Price Davies Rendel Memorial Sir Alfred Jones Commercial Travellers Sir Alfred Jones (Carmart Perrott Exhibition Humphreys-Owen Memorial		Name of Student Jones, Ifan Edmund Williams, Alwyn Williams, John Morgan, Rowland Ll. James, Randal R. Davies, John Lloyd Jones, Olwen Mair Jones, Myrfin
(b) F	ENEWED FOR A THIRD	YEAR
Sir Alfred Jones (Carmart Dr. John Davies Mrs. Clarke Cranogwen	hen) 25 I 30 V 35 *	Evans, John Yorath G. Jenkins, Alwyn Edmund Jones, Mary Winifred Davies, Miriam Ellis, Trefor Owen Roberts, Beryl Mai Evans, Thomas Leslie Williams, David R. A. Hughes, Eric Bennett Jones, Mair Meganwy lly.
		-

(c) Awards for One Year

.. £25 Jones, D. A. Lle ... £20 Thomas, Elizabe 20 Williams, Matty Jones, D. A. Llewellyn Tom Jones Scholarship in Surgery Thomas, Elizabeth Ann Mynyddog Scholarship (10 10 0 Jones, Mair M. 10 10 0 Jones, Nansi C. 10 10 0 Morris, Margaret B. Cynddelw Welsh Scholarship

.. 3 Sir Henry Jones Memorial Prize Evans, Joan M. Prosser

## INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary, F.—Final, H.1.—1st Year Honours, H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1941

Faculty of Arts

Davies, Elen Anita I. History Davies, Emrys I. Geology Davies, Nancy Davies, Nansi Angharad I. English I. Latin I. Latin Gordon Jones, Mary

I. Latin, I. French Hughes, Megan

Humphreys, Grace Ellen I. Latin James, Margaret Merlys S. History, S. Geography I. Latin, I. English, S. French James, Randal Reginald

Jones, David Benjamin I. English Jones, Eric Orlando Jones, Mair I. Latin I. Latin I. Latin Jones, Olwen Mair Jones, Wyndham Ralph I. German

Phillips, Margaret Eluned Bateman I. Latin Prosser Evans, Joan Mary I. Latin, I. English

I. Greek Richards, Rhystyd George Alun I. Latin Thomas, Catherine Mary Thomas, Cyrus Glyndwr I. Latin ' I. History Thomas, Elwyn Rhys

Williams, Caryl Elizabeth I. English, I. Welsh, I. Philosophy, I. Music

I. Latin Williams, Eirlys Watcyn Williams, John Elwyn
Williams, John Vincent (External)
Williams, Thomas Glyn

I. Latin
I. Welsh
II. Histor I. History

Certificates of Translation in Latin were granted to: Corfield, Eric Wilfred

Davies, Catherine Phillips

Faculty of Science

Davies, Trevor Benjamin I. Geology

Faculty of Science (Pre-Medical)

Edwards, David Rowland I. Zoology I. Physics Thomas, Morgan Henry

Faculty of Rural Science

Davies, William Ellis I. Chemistry Sinha, Akhouri Baleshwar Prasad I. Zoology

Faculty of Law I. History

Davies, David Walters Ffoulkes-Williams, Megan Salesbury Williams, William Raymond

Part I. Common Law, Part I. Constit. Law, Part I. International Law. I. History

Iune, 1942.

Faculty of Arts

Absalom, Margaret Olivia Bridget

Anderson, Audrey Doreen

Atkinson, Katharine Rosemary Avery, Olwen Eilonwy

Benbow, Ellen Elizabeth Margery Bevan, Edith Ray Luscombe Bevan, Hugh Keith

Brace, John Lynn Buckland, Dorothy Priscilla Butler, Gordon Hubert Cane, Eric George Capstick, Alan Cass, Ronald

Clifford, Agnes Ann Corfield, Eric Wilfred Davies, Alun

Davies, Catherine Phillips Davies, David Jacob Davies, Edith Marjorie Davies, Elen Anita Davies, Enid Davies, Eurfil Davies, Helen Yorwerth, B.A. Davies, Huw Tudwal Davies, John Lloyd Davies, Margaret Fay Davies, Jargaret Kathleen Doris Davies, Margaret May Davies, Mari Ann Thomson Davies, Mary Rhiannon Davies, Meurig Ceredig Davies, Nancy Davies, Nansi Angharad Davies, Nesta Morfydd

Davies, Thomas James Dearne, Theodora Evangeline Divall, Harry Herbert Duckworth, Ruth Teresa

I. English, I. French, I. Pure Mathematics, S. German I. German, S. Economics,

S. Jurisprudence I. English, I. History

I. German, S. French, S. History, S. Economics. H. Economics, II (1)

S. English, S. Education, H.1. Economics Elem. Greek, I. History, S. Latin, S. Jurisprudence

S. Welsh, S. History. H.1. English, H.1. Philosophy I. Latin, S. English, S. French, S. History H. Pure and Applied Mathematics, II (1)

H.1. Economics, F. English S. Economics, S. Pure Mathematics, S. Music

H. Latin, I., F. Greek H. English, II (2) S. Jurisprudence, F. Welsh, H.1. Philosophy H. Welsh, II (2)

I. History, I. Philosophy, S. Welsh S. Jurisprudence, F. English, F. History S. French, S. History

I. Music, H.1. English, F. Welsh S. English, S. Economics, S. Geography H. English, II (2)

S. History, S. Economics, S. Geography I. French, F. History, H.1. Geography H.1. History, F. English S. English, S. Welsh, S. Philosophy

S. Economics, F. Welsh, H.1. History I. Greek, I. Latin, I. History, I. Music S. English, S. Welsh, S. French

S. Welsh, S. Philosophy S. Economics

H.1. English, F. Welsh Elem. Greek, S. Latin, S. English, S. French

S. Philosophy, S. Welsh, S. Education I. Latin, I. French, S. History, S. English I. English, F. Music, H.1. Philosophy

H. English, I

Edwards, Mary Elizabeth

Egrot, Robert James Georges

Elliott, Joyce Ellis, Edward Lewis

Evans, Drusilla Clee Evans, Elizabeth

Evans, Elizabeth Millicent

Evans, Elizabeth Sarah

Evans, John Daniel Herbert Evans, John Rhystyd Evans, Meurig

Evans, Morfydd Rita Evans, Nana Rowena

Evans, Richard Edward Hughes

Evans, Ronwen Evans, Thomas Leslie Forty, Valerie Gall Foulkes, David Llewhelin

George, Denise Mary Jane

George, Hywel

Gordon Jones, Mary Gordon Jones, Pauline Griffith, Edward Howell

Griffiths, Enid

Gripaios, Hector Gwilym, Haf Gwynne, Gruffudd Eilydd Harrett, Margaret Olga Hart, Joan Mary Horton, Nesta Mary Humphrey Howells, David Lyndon Howells, Morfydd Emily Hughes, David Morris Hughes, Mair Eluned Hughes, Megan Hughes, Thomas Jones Isaac, John Rhys James, Gwendoline Mary James, Margaret Merlys

James, Randal Reginald Jenkins, Alice Wynne Jenkins, Mair Johnson, Joan Margaret Jones, Arthur Jones, Barbara Eleanor

Jones, Clara Jones, David Benjamin I. French, S. English, S. History, S. Jurisprudence

I. English, I. History, I. Philosophy, S. French

S. Education, F. History, H.1. English I. French, S. English, S. History,

S. Geography I. French, S. English, S. Music I. Geology, S. English, I. French I. French, S. German

I. Philosophy, S. Latin, S. English, S. Welsh

F. Philosophy, F. Economics

S. Geology, S. Geography I. Greek, S. Latin, S. French, S. Music

S. History, S. Geography

I. History

H.1. Economics I. Geology, I. French, S. English

H. Geography, II (2) H.1. English, F. French I. English, I. Philosophy, S. Economics, S. Jurisprudence

I. Philosophy, S. English, S. French,

I. German, S. History, S. Economics, S. Geography

S. English, S. French, H.1. German S. French, S. Music, H.1. German I. Geology, I. French, S. German, S. Geography

I. English, I. History, S. French, S. German

F. History, H.1. Economics I. Latin, F. History, H.1. English S. German, F. English, H.1. French I. History, S. Latin, S. French, S. German

I. German, S. Welsh, I. French, S. Music

S. English, S. Geography I. German, F. English, H.1. Music

H. Geography, II (2)
I. Latin, I. English, I. History, I. Music
I. French

F. Geography, F. History

S. History, S. Economics, S. Geography

H. Economics, II (1) H. Welsh, II (1) I. Philosophy, S. Economics, F. English, F. History

I. Music, S. English, S. Latin, H.1. French

H. German, II (1) S. History, S. Philosophy

I. French, S. English, S. History I. English, I. Philosophy, I. German Elem. Greek, S. Latin, S. English, S. French

H. Geography, II (2)

S. Welsh, S. Philosophy, S. Education

Jones, Emlyn Walford Irwin Parry

Iones, Eric Orlando

Jones, Eurwen

Jones, Felicia Margaret

Jones, Glanville Rees Jeffreys

Iones, Glenys Mair Jones, Hannah Ellen

Jones, Haydn Davies Jones, Ieuan Evans

Jones, Ifan Aled

Jones, John David

Jones, John David Tudor

Jones, Kathleen

Jones, Kenneth Mansel Jenkins

Jones, Luned Mary

Jones, Mair

Jones, Mair Eifiona Jones, Mair Meganwy

Jones, Margaret Dorothy

Jones, Mary

Jones, Mary Winifred

Jones, Merlin

Jones, Nansi Ceridwen Jones, Olwen Mair Jones, Ruth Ellen Alice Kendall, Reginald James King, Mauvis Claire

Lewis, Alban Elvet

Lewis, Joan Olivia Margaret

Lewis, John Edward

Lewis, John Stanley Gerallt Lewis, Margaret Elizabeth

Lewis, Mona Doreen

Lewis, Reginald Fairhurst Lougher, Cecil Nest

Louks, Beryl Brenda

Lunn, Rupert Frank

Magor, Jennie Tnomas, B.A. Mason, John Myrddyn Mears, John Cledan

Moore, Donald Morgan, Eluned

Morris, Megan Irene

Murphy, John Alexander Nicholas, William Ronald

Noakes, George

H. English, II (1)

S. History

S. Education, F. Welsh, H.1. English I. Art, F. English

I. Geology, S. French, S. History, S. Geography

S. English, I. French, S. History S. English, S. Jurisprudence,

S. Economics S. Welsh, S. History, S. Economics I. Geology, S. English, S. French,

S. Geography

S. History, S. Economics, S. Geography

F. Welsh, F. Economics F. Welsh, F. Economics

I. Latin, F. Welsh, H.1. History I. English, I. Latin, S. History I. Philosophy, S. Latin, H.1. French,

S. English

F. Music, F. Welsh I. Latin, I. Welsh

'H. Welsh, I

H. German, II (2) F. English, H.1. Welsh H. Latin, II (1), S. Greek

 Philosophy, S. Geography, S. History, S. French

H. Welsh, I

H.1. English, F. Welsh I. French, S. English, S. History I. Latin, I. History, I. Philosophy S. Latin, S. English, S. French,

S. Philosophy I. French, I. History

S. English, S. German, S. History

H. Economics, II (1) F. Welsh, F. Music

F. English, H.1. Economics, I. German

S. English, S. History, S. Geography H.1. French, F. English H.1. French, H.1. German, S. Economics

S. English, S. History, S. Education, S. Economics

I. English, I. History, I. Geology, S. German

H. Welsh, II (2) I. Music, S. English, S. French H.1. Philosophy, F. English

H. Latin, II (1)

F. German, H.1. Geography Morgan, Joan
H.I. Latin, F. English, I. Greek
Morgan, Linda Martha Nancy Lewis I. Music, I Greek, S. Latin, S. French
Morris, Margaret Bevan
H. Welsh, I

I. German, S. English, S. History,

S. Geography

S. English, S. Economics, S. Geography

H.1. Latin, H.1. Greek Elem. Greek, I. Welsh, I. History,

I. Philosophy

Owen, John Glyn Owen, Theophilus Parker, Joan Parkinson, Clarice Eastelle

Peake, Jean Dorcas

Pearce, Harold Edgar

Pedler, John Lewis Phillips, Evan Arthur Byron

Phillips, Margaret Eluned Bateman F. History, H.1. English Pothecary, Patricia

Prosser Evans, Joan Mary Pugh, David

Pugh, Hilda Margaret Rees, Gwilym John Mitchell Reeves, Kitty Nicholas Reidy, Margaret

Richards, Noeline

Richards, Rhystyd George Alun Richmond, James Peter Roberts, Beryl Mai Roberts, Pamela Frances Roberts, Rhiannon Roblin, Hugh Stephens

Roughton, Grace Amelia

Smith, Alison Jean Walker Sparkes, Iorwerth Adrian Wozencroft Stacey, Betty Irene Szászová, Blanka Thomas, Catherine Mary Thomas, Cyrus Glyndwr Thomas, Elizabeth Ann

Thomas, Elizabeth Gwendoline Thomas, Elwyn Rhys Thomas, Gwladys Rhonwen Thomas, Haydn Howell Thomas, Hilda Elizabeth Thomas, Iris Lewis, B.A.

Thomas, Margaret Harriett Anne

Thomas, Margaret Hilary Thomas, Marjorie Thomas, Olwen Enid

Thomas, Phyllis Mary Thomas, Rachel Ann Vitebsky, Bernard Zolman

Walters, Joyce

Watkin, Philip John

Williams, Betty

H.1. History, F. Latin H.1. French, F. Latin

I. Latin, S. English, S. French, S. History I. Latin, S. English, S. Welsh I. Latin, S. German, I. History, S. Philosophy

I. German, S. History, S. Economics, S. Geography

H. French, I

I. Latin, S. English, S. History, S. Economics

H. Music, I

H.1. Philosophy, S. English, S. Economics Elem. Greek, I. Latin, I. History,

I. Philosophy

I. Latin, S. English, S. French, S. History S. History, S. Economics, S. Geography S. English, S. History, S. Geography I. Philosophy, S. English, S. French,

S. German Elem. Greek, S. Latin, S. French,

S. History

F. Welsh, H.1. Economics
I. English, I. History, I. Philosophy
H. English, II (1)
F. English, H.1. French, H.1. German

S. Welsh, S. Philosophy, I. Art I. French, S. History, S. Economics, S. Geography

I. French, S. History, S. Economics,

S. Geography S. English, S. French, S. Economics H.1. Geography, F. History, I. French

H.1. Geography, F. English

I. Latin, I. English, I. French, S. German H.1. French, F. English

S. Welsh, S. History, S. Philosophy S. Welsh, F. English, H.1. Music S. Philosophy, F. History, H.1. English

I. Welsh, S. Economics

I. Latin, S. English, I. French, S. History

H.1. Welsh, F. English S. English, I. French, S. History H. French, III

I. German, S. French, S. English, S. Latin

H. Economics, II (1) H.1. English, H.1. French.

H. English, II (1)

H. English, II (2) H. French, II (2) and Oral Certificate S. French, S. Music, F. German

I. History, S. German, S. French, S. English

S. Jurisprudence, F. History,

H.1. Economics F. Welsh, H.1. Geography Williams, Dorothy Margaret Hart Williams, Elizabeth Megan

Williams, Emlyn James Thomas

Williams, Gwendon

Williams, Haydn Moore Williams, Joan Williams, Matty Williams, Menai Williams, Nancy Lee Dorothy Williams, Sarah Betty Wooloff, Mary Margaret

Faculty of Science

Adams, Julia Margaret Hannah Ader, Jiri

Atherton, Bernarr Francis Benton, William Geoffrey Bevan, Mary (External) Brennan, John Gerald

Bruce, Alan

Bryant, Betty

Budge, Sheila Mary Gladys Burrell, Elizabeth Dorothy

Cartwright, John Francis

Crook, William Charles David Davies, Daniel Cledlyn Davies, David Maldwyn

Davies, Laura Mary Davies, Mair Eluned Ardwyna Davies, Mary Euronwy Davies, Miriam Davies, Rhys Glyn Davies, Trevor Benjamin Evans, David Matthew

Evans, Gwilym Owen Evans, Joan Margaret Evans, John Yorath Gwynne Evans, Leslie

Evans, Rowland Arthen Evans, Wynn Humphreys Francis, Gwyneth Green, Stella Mary Veronica Griffiths, Eirlys Rheinallt Griffiths, Lewis John

Harlow, Margaret

H. Music, II (1) S. Latin, S. French, S. History, S. Economics

I. German, S. English, S. Geography, S. Music

I. Music, S. Geography, S. English, S. Economics

S. English, I. French, S. History I. German, F. Latin, H.1. Welsh

F. Welsh, H.1. Music S. English, S. Welsh, S. History I. Latin, I. English, I. French

H. French, II (1) and Oral Certificate H.French, II (1) and Oral Certificate

S. Botany, S. Zoology, S. Geography I. Applied Mathematics, I. Pure Mathematics, I. Physics, I. Chemistry H.1. Physics, F. Pure Mathematics

I. Chemistry, I. Physics

F. Applied Mathematics S. Pure Mathematics, S. Applied Mathematics, S. Physics S. Radio, S. Physics, Š. Pure

Mathematics I. Pure Mathematics, S. Chemistry S. Physics

H. Zoology, I

 Pure Mathematics, I. Chemistry, I. Physics

I. Pure Mathematics, I. Chemistry, I. Physics

F. Geography H. Physics, II (2)

S. Pure Mathematics, S. Applied Mathematics, S. Physics S. Botany

H.1. Zoology, F. Geography

I. Botany

H. Zoology, II (1)

I. Physics, S. Chemistry, S. Geology

H.1. Zoology, F. Botany S. Pure Mathematics, S. Chemistry,

S. Physics
I. Chemistry, I. Zoology, I. Geology
Patony, H.1, Econom S. Zoology, F. Botany, H.1. Economics H. Pure and Applied Mathematics, I

S. Pure Mathematics, S. Chemistry, S. Physics

I. Botany, S. Chemistry, S. Zoology S. Radio, S. Physics, S. Pure Mathemati H. Botany, II (2)

I. Botany, I. Zoology, S. Chemistry

 Geology S. Pure Mathematics, S. Applied

S. Physics I. Botany, I. Zoology, I. Geology Harries, Wynford Lewis Herbert-Jones, Elwyn Hill, Vernon James Holmes, Lizzic Muriel Hopwood, Kenneth Raymond Horrell, Norman James Hughes, Annie Elizabeth James, Arthur Wynne James, David Vernon James, Gwyneth Martha Jenkins, Alwyn Edmund Jenkins, Eric Neil Jenkins, Howard John, Margaret Bowen Jones, David Daniel Jones, Glenice Lilian Jones, Handel William Hugh Jones, Ian Puleston

Jones, Ifan Edmund Jones, Myrfin

Jones, Percy Owen Jones, Simeon Jones, Trevor

Jones, William Mervyn Jones, Winifred

Judd, Mary Lawson, Betty

Lawson, Margaret Patricia

Lewis, Patricia Lewis, William Glyndwr Loyn, William George Grenville Marsden, Sarah Eunice

McAdam, Roger David Willer, Iris Mary Mitchell, Jane

Morgan, Dylys Llywela

Morgan, Megan Morgan, Nest Morgan, Rowland Lloyd Morgan, William Vivian

Morris, Robert Murray, William Lyn

Negus, Marjorie O'Connor, Bridget Agnes O'Connor, Daniel John Owen, Robert Wynne Parry, Catherine Ordish

S. Radio, S. Physics, S. Pure Mathematics

H. Chemistry, III

H.1. Chemistry, F. Physics S. Botany, I. Zoology

S. Radio, S. Physics, S. Pure Mathematics S. Economics, S. Geology, S. Geography S. Botany, S. Zoology, S. Chemistry

I. Physics

H. Chemistry, II (1) S. Botany, S. Physics, S. Chemistry

H. Pure and Applied Mathematics, II (1)

H.1. Chemistry, F. Physics H. Physics, II (2)

H.1. Geography, H.1. Botany H.1. Physics, F. Pure Mathematics S. Botany, S. Zoology, S. Geography

S. Chemistry, H. Chemistry, II (1), F. Pure

Mathematics

H.1. Physics, F. Pure Mathematics F. Pure Mathematics, S. Applied

Mathematics

S. Botany, S. Zoology, S. Chemistry S. Economics, S. Geology, S. Geography

I. Pure Mathematics, I. Physics, S. Chemistry

H. Physics, I

I. Pure Mathematics, S. Chemistry, S. Physics

I. Chemistry, I. Botany

S. Radio, S. Physics, S. Pure Mathematics, S. Applied Mathematics

S. Radio, S. Physics, S. Pure

Mathematics, S. Applied Mathematics I. Chemistry, I. Botany, I. Zoology H. Chemistry, II (2) S. Chemistry, S. Botany, S. Zoology I. Pure Mathematics, I. Applied

Mathematics, I. Physics

H. Chemistry, I

S. Radio, S. Physics, S. Pure Mathematics S. Radio, I. Physics, S. Pure Mathematics

S. Applied Mathematics

S. Pure Mathematics, S. Applied Mathematics, I. Physics

F. Chemistry, F. Pure Mathematics

I. Chemistry, I. Zoology

H.1. Physics, F. Pure Mathematics

S. Pure Mathematics, S. Physics, S. Chemistry

Physics

S. Pure Mathematics, S. Chemistry, S. Physics

H. Botany, II (2)

S. Zoology S. Radio, S. Physics, S. Pure Mathematics

S. Chemistry, S. Botany, S. Zoology I. Botany

Peters, Denzil Burleigh Phillips, Mary Megan

Pite, Margaret Kilvinton

Plant, Marion Sheila Corris Powell, Mervyn James

Reynolds, Elizabeth Hywel Rhys, Ceredig Phillips Richards, Doreen Richards, Patricia Mary Roberts, Hugh Ronald Roberts, Phyllis Rumsey, Douglas Victor Smiley, Patrick Hay

Smith, Mary Young, B.Sc. Smith, Robert Bernard Louis Thomas, Lily Muriel Thomas, Margaret Eliza Thomas, Rachel Eirdlws Thomas, William James Orville Toy, William Thornton Treharne, Gwynneth Vellender, Kathleen Margaret

Weale, Kenneth Edward

Williams, Alwyn Williams, David Richard Alun Williams, David William

Williams, Elizabeth Olwen Williams, Griffith Oswald Richard Williams, Gwyneth Catherine Williams, Joan Mary Williams, Joan Olive Williams, John

Williams, Rosamond Williams, Windsor

Wood, Geoffrey Norman Wood, Lilian Frances Penelope H.1. Chemistry, F. Physics

H.1. Pure Mathematics, H.1. Applied Mathematics

I. Pure Mathematics, S. Radio, S. Chemistry, I. Physics

S. Botany

H.1. Pure Mathematics, H.1. Applied Mathematics

H. Zoology, II (2) H. Chemistry, I

H.1. Botany, H.1. Geography I. Chemistry, S. Economics

F. Geology S. Chemistry, S. Botany, S. Zoology

H. Physics, II (1)

S. Pure Mathematics, S. Applied Mathematics, S. Physics

H. Chemistry, II (2)

H. Chemistry, II (2)
S. Radio, S. Physics, S. Pure Mathematics
H. Pure and Applied Mathematics, I
F. Geology, F. Pure Mathematics
S. Botany, S. Geography

F. Physics

I. Chemistry

I. Chemistry, S. Botany, S. Zoology S. Radio, I. Physics, I. Pure Mathematics

S. Pure Mathematics, S. Chemistry, S. Physics

H.1. Geology, H.1. Geography

H. Chemistry, II (1)

S. Pure Mathematics, S. Chemistry, S. Physics

I. Botany, S. Geology, S. Geography H.1. Chemistry, F. Physics H.1. Botany, H.1. Zoology

S. Pure Mathematics

F. Botany, S. Pure Mathematics

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Botany, H.1. Zoology

I. Pure Mathematics, S. Chemistry, S. Physics

H.1. Physics, F. Pure Mathematics I. Botany, 1. Zoology, I. Geology

Faculty of Science—(Pre-Medical)

James, David Cyril Owen

Jones, Margaret Eleanor Butler

Jones, Thomas Gareth Morgan, Margaret Iola

Williams, Gwilym Rhys

I. Botany, I. Chemistry, I. Physics,

I. Zoology
I. Botany, I. Chemistry, I. Physics, Zoology

I. Botany, I. Zoology I. Botany, I. Chemistry, I. Physics, I. Zoology

I. Chemistry, I. Physics, I. Zoology

College Sessional Examinations

Castell, Beryl Gertrude

Pugh, Thomas Griffith

I. Botany, I. Chemistry, I. Physics, I. Zoology

I. Botany, I. Chemistry

Faculty of Rural Science

Anthony, Kenneth Reginald Michael Ashby, Andrew Wilfred

Beynon, Victor Howel

Davies, John Davies, Thomas Harris

Davies, William Ellis

Deakins, Robert Mervyn, B.Sc. Ellis, Trevor Owen

Evans, John Vincent, B.Sc. Evans, Thomas Arthur Grenfell, Enid

Gwynne, William Gareth Hughes, Robert Griffith

Hunnam, Douglas James, Sidney

John, David Iorwerth Jones, Margaret Jane Jones, William Dyfri Lewis, Windsor

Lloyd, Harry Morris (External) Mead, Howard Mottram, Kay Dominic

Norton, John Anthony Palmer, Christine Mary Parry, David Afan

Porter, Edward Stephen - 'Rees, John Hor Havard Seal, Annie Bernice Sinha, Akhouri Baleshwar Prasad

Thomas, David Gwynfor Thomas, Henry Arthur

Ward, Joyce Winifred

Watkins, Eluned Emma

Williams, John Lincoln David Williams, Watkin, B.Sc. S. Botany, S. Agriculture S. Agricultural Chemistry

I. Pure Mathematics, I. Chemistry,

I. Botany
Economics

S. Economics, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

F. Agriculture, S. Agricultural Botany

F. Botany, F. Agriculture,S. Agricultural BotanyS. Botany, S. Agriculture,

S. Agricultural Chemistry
H. Agricultural Botany, II (1)
H. Chemistry with Agricultural

Chemistry, I H. Agriculture, I

I. Chemistry, I. Botany
S. Botany, S. Agriculture,
S. Agricultural Chemistry

H. Agricultural Botany, II (2) F. Chemistry with Agricultural Chemistry, F. Agriculture, S. Agricultural Botany

F. Botany

S. Botany, S. Agriculture, S. Agricultural Chemistry

I. Chemistry, S. Agricultural Chemistry

H. Botany, II (2)

I. Chemistry, I. Botany, I. Zoology H. Chemistry with Agricultural Chemistry, I.

Chemistry, I I. Botany, I. Zoology

H. Agricultural Botany, II (2)

I. Chemistry, I. Botany, I. Geology F. Botany, F. Agriculture,

S. Agricultural Botany I. Botany, I. Zoology

I. Chemistry, I. Physics, I. Botany, I. Zoology

F. Agriculture

I. Chemistry, I. Botany, I. Zoology I. Chemistry, I. Botany, I. Zoology

S. Agricultural Botany

I. Botany, I. ZoologyI. Botany, S. Chemistry, S Agriculture,S. Agricultural Chemistry

I. Botany, S. Chemistry, S. Agricultural Chemistry

F. Agriculture, F. Economics with Agricultural Economics, S. Agricutural Botany

I. Chemistry

H. Agricultural Botany, I

Faculty of Law (Old Regulations)

Boaz, Fritz Gerhard Part II. Davies, David Walters Part I. Davies, Lewis John H. Law. I Edwards, David James Phillips Part I. Frankl, Anna Maria (Mrs.) Part II. Glencross, Ralph Part II.

Part I. Common Law. Goring-Thomas, Rhys Part II. Jurisprudence Part I. Hughes, David Emrys Cwyfan Part I.

Iones, Gwyneth Margaret Roberts Lewis, John Richards Part II. Moore, Alec Walford Part II. Rees, Lucy Gaynor Part I. Common Law,

Roberts, Norman Frederick Lloyd Williams, John Eryl Hall Williams, Owen Glyn

Williams, William Raymond

Part II. Part I.

Part II.

H. Law, I

Part II. Jurisprudence

Faculty of Law (New Regulations) Bird, Graham Spencer Part I. Daniels, Douglas Gattie Part I. Griffiths, Gwilym Parry Part I. Griffiths, John Aled Griffiths, Raymond Part I. Part I. Harris, John Owen Part I. Hughes, Gwladys Margaret Vivian Part I. Tefferies, Michael Clifford Part I. Jenkins, Sarah Margaret Hamer Part I. Matthews, Owen Lloyd Part I. Part I. Morgan, John Roger Eyton Roberts, George Austin Part I. Thomas, David Ian Part I. Part I.

Thomas, David Montague Skidmore Thomas, John Dudley Watkins, William Rutter Part I. Part I. Part I. Williams, Anne Brenda Part I. Yateman, Peter Alan Dorsett

College Sessional Examinations

Atkins, Thomas Boissonade Part I. Criminal Law, Part I. Constitu tional Law, Part I. Contract and Tort Part I. International Law

Davies, Geraint Ceredig Part I. Constitutional Law, Part I. Crim inal Law, Part I. International Law

Faculty of Music

Jones, Hannah Dorothy H. Music (B.Mus.), I Thomas, Laura I. Theory of Music, I. History of Music, I. Composition

### V. HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff:-

Degree of M.A. Kathleen Gray, B.A.

History

Degree of M.Sc.

Audrey Yvonne Jones, B.Sc. Zoology Eleanor Mary Ord Laurie, B.Sc. Zoology

Degree of Ph.D.

Harold Mansel David, M.Sc.

Vithal Sakharam Shembekar, B.A. (Benares)

Agricultural Economics

Degree of D.Sc.

John Richard Erichsen Jones, Ph.D.

Zoology

Botany

Florence Gwendoline Rees, Ph.D.

Zoology

## VI. EXAMINATIONS FOR DIPLOMAS AND CERTIFICATES, 1942

## UNIVERSITY DIPLOMA IN EDUCATION

	Class obtained in Written		
	Examina- tions	Practical Skill	
Avery, Joyce Kathleen, B.Sc.	II	I	
Barnett, Jonett Catherine, B.A.	· I	I	
Davies, Joan, B.A.	11	II	
Davies, Nancy, B.A.	II	II	
Evans, Margaret Beryl, B.A.	11	II	
Evans, Margaret Eluned, B.A.	II	, II	
Griffiths, Hugh Powell, B.A.	11	I	
Griffiths, Margaret Caroline, B.A.	II	II	
Humphreys, Laura Gwendolen, B.A.	I	II	
James, Margaret, B.Sc.	II	II	
Jolly, Alfred Henry, B.A. (Lond.)	I	II	
Jones, Enid Mair, B.A.	II	II	
Jones, Marion, B.A.	11	I	
Jones, Myra Margaret, B.A.	II	II	
Jones, Olive, B.A.	II	II	
Joseph, Lorna Mary, B.A.	11	II	
Lewis, Lilian Maud, B.A.	II	II	
Lewis, Nancy, B.A.	11	II	
Miller, Dorothy, B.Sc.	. II	II	
Owen, Ada Louisa, B.A.	11	I	
Owen, Dilys Wyn, B.Sc.	· II	II	
Peters, Audrey Joan, B.A.	II	II	
Rees, Brinley, M.A.	. I	II	
Stevens, Gwladys Mary, B.A.	I	II	
Thomas, Margery Myfanwy Lloyd, B.Sc.	II	II	
Williams, Ann Myfanwy, B.A.	11	11	
Williams, Glanmor, B.A.	II	II	
Williams, Joyce Eliza, B.A.	II	II	
Williams, Ligia Betty, B.Sc.	II	II	
Williams, Norah, B.A.	11	· 11	
Williams, Sally, B.Sc.	II	11	
Williamson, Kathleen Joan, B.Sc.	11	11	

### BOARD OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:—
Samuel, Margaret Irene Williams, Phyllis, B.A.

## COLLEGE DIPLOMA IN CRAFT

Owen, Jane V.

### College Diploma in Dairying

Bowie, David A. George, Dilys

Thomas, Sarah G. Williams, Evan J.

### College Certificate in Dairying

Griggs, Alison

Griggs, Robina

## College Certificate for Short Course in Dairying

Davies, Beryl Davies, Elizabeth M. Evans, Mary M. Evans, Sarah C. Evans, Sarah M. E. Hughes, Delyth B. Jenkins, Mary E.

Jones, Dorothy M.
Morgan, Betty
Morgan, Jean
Pugh, Jane E.
Richards, Valerie E.
Thomas, Annie J.
Toleman, Joan E.
Williams, Elizabeth J.

### -

## CLASSICS

### PROFESSOR E. D. T. JENKINS

VII. DEPARTMENTAL REPORTS

As three members of the staff are now absent on war service, the work of the Department was carried out by Mr. Duff, Mr. T. I. Ellis, who is giving temporary assistance, and myself. Collaboration with the staff of University College, London, continued to be most helpful, and I desire to express my sincere thanks to all my colleagues.

One or two very satisfactory features stand out in a review of the Session. The three students taking the Second Year Honours Course in Latin reached a very good standard, and one was placed in the First Class. The percentage of passes was high at all the Pass stages, both in Greek and Latin, with the exception of Intermediate Latin, at which grade rather more than one-half of the candidates failed.

This weakness and its causes are, as stated in previous reports, bound up with the question of the teaching of Latin in the schools.

### ECONOMICS AND POLITICAL SCIENCE

### Professor R. B. Forrester

While the number of students is declining, the record in all sections of the work was satisfactory; in particular, the four Honours students worked well and keenly, achieving promising results. As in previous years, we have been pleased to assist in the work of teacning students of University College, London, both at the Subsidiary and the Final stages. The Department suffered an irreparable loss in the sudden death of Dr. E. A. Lewis in January; he was responsible for the scheme of economic studies as at present developed in this College and he had generously come forward to help his old Department in the teaching of economic history as Mr. J. H. Morris is on active service. Through the last ten years he had continued his close association in the teaching of Welsh economic history; many generations of students of economics

have valued his inspired teaching and direction of their studies.

Miss Joan Freeman, Assistant Lecturer in Economics in University College, London, was appointed to complete the work of this Session, and her services have been a very great help. I am pleased to record that a graduate in economics of this College, Dr. Arthur Beacham (B.A., 1st Class Honours, 1936), at present assistant Lecturer in Economics in Queen's University, Belfast, has been elected to the Leon Fellowship (£400) of the University of London. He will work upon post-war problems of the British Coalmining Industry, a subject to which he has already given close attention in previous

### EDUCATION

## PROFESSOR IDWAL JONES

The work of students in the Department during the Session was well above the usual level and examination results were very satisfactory.

Mr. G. I. Thomas, B.A., did excellent work in the Preliminary M.A.

Examination.

The Department is grateful to the following, who either gave lectures or additional assistance in the professional year:—Emeritus Professor C. R. Chapple, the Reverend Herbert Morgan, Ar. Sydney Herbert, Miss L. Uhlman, Mr. T. I. Ellis and Mr. T. Owen, H.M.I.

The usual thanks must be expressed to Headmasters and Directors for according facilities to students in training and courtesies to members of staff.

Miss C. Simmins, through the courtesy of Professor Cyril Burt, continued the experimental work of child study in the Department and demonstrations for all students were possible for the first time.

In order to strengthen the professional qualifications of intending teachers, a new course in Biblical Studies leading to a College Certificate in Biblical

Studies is being instituted at the beginning of Session 1942-43.

### Art and Crafts

## ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

The work during the Session was of good average standard. The beneficial results of the recent institution of preliminary courses in Art for Training Students during their first and second years were evident in the performance of this year's fourth year classes.

One full-time student pursued the course for the Board of Education Drawing Examination and another full-time student obtained her College

Diploma in Crafts.

## The Craft Gallery

### CURATOR: MR. R. L. GAPPER

The only additions made this Session were the gifts (by Mr. Edgar Taylor, son of the owner) of a water colour and a china model of the Castle House, which stood on the site of the present main College building.

### **ENGLISH**

## PROFESSOR GWYN JONES

The work of the Department has been satisfactory at all stages throughout the year, and students have done well in their examinations. Mr. J. L. Palmer left last July for Civil Defence work at Cardiff, and Miss W. M. Kelly, B.A. (Wales and Cantab.), has been appointed temporary assistant lecturer in his place. A noteworthy feature of the Session has been the collaboration in English studies of University College of Wales and University College, London, whereby our students have enjoyed the teaching of Professors C. J. Sisson and R. W. Chambers (whose death is a matter of profoundest regret to students and staff alike) and Dr. Edith Batho. This collaboration will be further extended next year.

### Publications

Professor Gwyn Jones

Reviews:

Viga-Glums Saga, ed. G. Turville-Petre, O.U.P. In Medium Aevum, Vol. X, No. 2, pp. 103-107.

J. L. Clifford, Hester Lynch Piozzi (Mrs. Thrale), O.U.P. In M.L.R. Vol. XXXVI, No. 4, pp. 534-36.

## FRENCH

## PROFESSOR ANDRE BARBIER

The disturbing effect of the war was more apparent this Session, especially on the students who came to College with the Higher Certificate and pursued the Subsidiary course in their first year. Ten out of thirty-three failed to reach the required standard, but were granted a pass at the Intermediate grade. On the other hand, the Honours class showed great assiduity and intelligence and progressed very satisfactorily.

I desire to thank Dr. Hywela A. Saer, who, with the kind permission of Professor Idwal Jones, generously and most efficiently helped with the work

of the Department.

### Phonetics

### DR. A. B. THOMAS

Owing to time-table difficulties, the class had to be divided and lectures duplicated. All the students who took the examination were in the Department of French, where Phonetics is compulsory for Final and Honours students. The poor results are due mainly to lack of diligence and, in some cases, irregular attendance. Too many students relied on a manual, and Phonetics can not be studied successfully in a text-book alone without the help of a teacher.

#### GEOGRAPHY AND ANTHROPOLOGY

ACTING HEAD OF THE DEPARTMENT: MR. WALLACE E. WHITEHOUSE

A considerable increase of students at the Subsidiary grade more than counterbalanced slight decreases elsewhere. The absence from Aberystwyth, for the whole Session, of Professor Forde, Mr. Fogg and Mr. Rawson meant many readjustments. Mrs. R. M. Whyte—appointed as temporary Assistant Lecturer—was responsible for certain courses in Economic Geography and for some of the practical work. Dr. Chubb, of University College, London,

conducted a specially designed Subsidiary course in Physiography. The cooperation of Professor Fawcett and Mr. Smailes (University College, London) was maintained and their contribution to the joint work was very materially increased. In consequence, the Session was characterised by developments in the teaching work. The Sessional results were satisfactory—all the Honours students being placed in the second class.

Additional to College work, Mr. Bowen continued his lectures in Meteorology to the Royal Air Force, while I carried out the duties of Honorary Regional Staff Officer to the National Fire Service.

### Publications

PROFESSOR C. DARYLL FORDE

Culture Regions. Man, Vol. 41 (1941).

MR. E. G. BOWEN

Appointed contributing editor of Carmarthenshire Antiquary, December,

Mr. W. Fogg

Changes in the Lay-out, Characteristics and Functions of a Moroccan Tribal Market consequent on European Control, Man. Vol. XLI (1941).

The Wares of a Moroccan Folk-Doctor. Folklore, Vol. LII (1941).

The Organisation of a Moroccan Tribal Market. American Anthropologist. Vol. 44 (1942).

Chapter 3 (Coast and Coastal Zone) and Appendix 1 (Native Society) of Vol. 1—Morocco—Geographical Handbooks of Admiralty (Naval Intelligence Department).

MR. R. R. RAWSON

The Coalmining Industry of the Hawarden District on the eve of the Industrial Revolution. Archaeologia Cambrensis, Vol. XCVI. (1941).

MR. F. T. BABER

The Historical Geography of the Iron Industry of the Forest of Dean. Geography, Vol. 27 (1942).

## GERMAN

### PROFESSOR DAVID EVANS

The work of the Department was carried on successfully in spite of some war difficulties. The results were very satisfactory. The Subsidiary Class was unusually good.

I am very grateful to Dr. A. Bluemel, the new assistant lecturer in the Department, and Dr. Maurer and the London staff for very valuable assistance.

#### HISTORY

### PROFESSOR R. F. TREHARNE

The only statistical matters worthy of note in this Session's working of the Department are the gradual extinction of the second year of the Honours course by a piecemeal process of calling-up, ending in January, 1942, and the remarkably high numbers in the preliminary Honours group of Subsidiary students proposing to read for Honours in History in 1944, this group containing 14 members and so equalling the highest number in any previous year. In spite of the high percentage of passes, the general quality of the work was disappointing; in particular, the heavy drain made by the Senior Training Corps on the time and energy of the best men students has been very marked. Independent reading is becoming rapidly more rare, and originality

has almost disappeared. Troubles due to the inadequacy of the school training in Latin and French of many would-be candidates for Honours in History have again been serious, and in an endeavour to ease the position of some of these aspirants, it has been decided to substitute a departmental test in translation from Latin into English, to be taken before entry on the first year of the Honours course, for the previous requirement that candidates must pursue the Intermediate course in Latin unless exempted by a Higher School Certificate pass in that subject. It should be noted that, while this change offers candidates for Honours in History a freer choice of subjects in their first College Session, it does not mean any lowering of the requirement of ability to translate from Latin into English; it merely puts upon the candicate a heavier responsibility by allowing him complete freedom of choice in the manner in which he proposes to prepare himself for satisfying the requirement.

A former graduate, Miss Kathleen Gray, B.A. (1930), has been awarded the M.A. degree for a very thorough study of the origins of the Quaker and Baptist movements in Rossendale (Lancashire); it is hoped that her conclusions will be published after the war. All members of the staff of the Department have given numerous lectures to units of H.M. Forces, and I have taken over Dr. Jones-Parry's extra-mural class in Aberystwyth on current affairs. I have also read a paper on "The Significance of the Baronial Reform Movement" to the Royal Historical Society, which will publish the paper in its Transactions for the year. The students' Historical Club has had an active year, including addresses by Dr. Percy Scholes on the history of "God Save the King", by Professor Gwyn Jones, and by other members of the College staff,; there have also been three very pleasant walks.

By the death of Professor E. A. Lewis, the History Department suffers

By the death of Professor E. A. Lewis, the History Department suffers a very heavy loss, both academic and personal. His accurate and penetrating scholarship and his personal qualities of wit, friendship and generous helpfulness will be deeply missed; the College will indeed be fortunate if it can make

good their loss in the appointment of his successor.

### INTERNATIONAL POLITICS

PROFESSOR E. H. CARR

No students were registered for courses in the Department during the Session. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments: Miss Morris has continued to act as Librarian.

#### PUBLICATION

PROFESSOR E. H. CARR
Conditions of Peace (Macmillan).

#### PHILOSOPHY

## Professor R. I. Aaron

There was a slight increase in the number of students in the Department. The new English with Philosophy Honours course is a promising venture.

#### PUBLICATION

Professor R. I. Aaron

Tri Llyfr in Efrydiau Athronyddol, 1941. pp. 8-36.

### WELSH

## PROFESSOR T. H. PARRY-WILLIAMS

Classes were conducted on the same lines as in previous years. The quality of the work done, both in class and examination, in some cases reached a high standard, especially at the higher stages. The average performance was quite good.

## CELTIC RESEARCH AND PALAEOGRAPHY

## MR. TIMOTHY LEWIS

Session 1941-42 was devoted to (1) completing Part II of my study of the Institutes of Tribal Wales; and (2) Vespasian E. XI MS. of the British Museum—the second best Latin MS. of the Laws of Hywel Dda. I had finished the oldest MS. and had compiled a complete Glossary to the Latin Text of Hywel's Laws and now I hope to fill in the gaps in that.

As this is my last report, I may perhaps be allowed to say how sorry I am not to have been able to do much more and to have completed that which

I had planned.

When I realised the condition of those studies in which I was chiefly interested, I found that, if my work was to be of lasting value, it would have to be done anew from the beginning—all the chief MSS. would have to be copied and separate Glossaries furnished to the chief Latin and Welsh MSS. before a beginning could be made, as there is no apparatus available which such a student can use with profit to-day.

All my time was thus taken up for years in this preliminary work of providing the necessary apparatus, and it is only lately that it has been completed to such an extent that it can be used with some degree of confidence. My only regret is that I have been able to do so very little where so much

needed to be done.

## WELSH HISTORY

### REPORT BY PROPESSOR R. F. TREHARNE

At the end of the Christmas vacation, th College suffered the irreparable loss of Professor E. A. Lewis, who had held the Chair of Welsh History since 1931. The teaching work of the Department might have suffered total disruption—but fortunately Mr I. ap O. Edwards, who had very kindly taken over Dr. Roderick's Intermediate lectures in Welsh History, was able to complete the Final class in Welsh History which Professor Lewis had begun, the Department of Education readjusting its internal arrangements to make Mr. Edwards' help available. Thus a very serious dislocation was fortunately avoided, and the class was brought to a successful conclusion with very little interruption. In present circumstances, since the total number of students in the Final History class is very heavily reduced, the number taking the Welsh History option was also very small, but both of the two students at the Final stage passed the degree examination. In the Intermediate class, after a very poor beginning, the interest and achievement of the students in the Welsh history portion of their course increased steadily, and some good work was done in the Sessional Examinations.

It is highly fitting that the Council has decided to prepare for publication, in three volumes of collected studies, such portions of Professor Lewis's research work as had reached a sufficent stage of preparation to permit their completion. Although they are only a fraction of the many diverse projects which Professor Lewis had in hand, they will prove invaluable as a guide and stimulus to the next generation of young researchers in Welsh History, and

so will form the truest memorial of his scholarship and teaching.

## BOTANY

## PROFESSOR L. NEWTON

The degree courses have proceeded as normally as possible and all members of the staff have been actively engaged in research of national importance. Dr. Wilson is carrying out an investigation on linseed. Mr. Chater and Mr. Carter are concerned with surveys of the south-west coasts of Britain for the Ministry of Supply, while I myself am responsible for investigational work for the Ministry of Supply and the Admiralty.

A number of students have left us to go to H.M. Forces, or to be used for

work in the Ministry of Agriculture or the Ministry of Supply.

### CHEMISTRY

## PROFESSOR T. CAMPBELL JAMES

The work of the Department proceeded normally throughout the Session. Owing to the continued absence of Major Hudleston, Dr. K. Heller was appointed as a temporary member of the teaching staff and gave very good and enthusiastic service.

The Honours group of 10 members did excellent work throughout the Session, the examination results being very satisfactory. All the men mem-

bers have been allotted to chemical work of national importance.

Much of the work of the Honours class was carried out in association with the classes of University College, London, and I desire to express my appreciation of the help given in this respect by Professor Ingold and his staff.

## GEOLOGY

### Professor H. P. Lewis

The work throughout the Department showed a marked improvement on that of the previous Session and the results of the Sessional Examinations were very satisfactory. Twelve students of University College, London,

received instruction at the Intermediate stage.

In the Easter vacation I conducted a field-class of a week's duration with students of Final and Subsidiary grade in the Dolgelley district. By the much appreciated courtesy and pre-arrangement of the management, a very instructive tour was made by the class of the underground workings and dressing sheds of the Braich Goch Quarries at Corris.

Gifts are gratefully acknowledged from Messrs. R. G. Davies, J. F. Jackson, B. W. Sparkes and J. B. Willans and from the South Wales Institute

of Engineers.

## Publication

Professor H. P. Lewis

On Girvanella in the "Shumardia Limestone" of Levis, Quebec. Annals and Magazine of Natural History, Ser. II, Vol. IX, p. 49. 1942.

## APPLIED MATHEMATICS

### Mr. Thomas Lewis

In spite of many difficulties and conditions tending to unsettle the students, the work done during the Session was highly satisfactory. Particular mention should be made of the Honours Class in Mathematics.

### PUBLICATION

MR. THOMAS LEWIS

Some Properties of the Hodographs and their Application in the Construction of the Hodograph in the Problem of External Ballistics. *Phil. Mag.* Ser. 7. Vol. XXXII. p. 427.

### PURE MATHEMATICS

PROFESSOR V. C. MORTON

The work done in the Department during the Session has been very satisfactory at all stages. The most noticeable change has been a sudden rise both in the numbers and quality of the Intermediate class. Of the four candidates for Honours in Mathematics, two were placed in Class I and two in Class II, Division 1. Once again, with a little extra work, we have been able to cater for a few students of University College, London.

### PHYSICS

ACTING HEAD OF THE DEPARTMENT: MR. I. C. JONES

There was a large increase in the number of students in the Department at the beginning of the Session, the total—seventy-nine—being the largest since 1926. This increase is no doubt a reflection of the importance of the subject under present conditions, and is partly accounted for by the presence of a number of State Bursars. There were also in the Department forty-nine members of University College, London, mostly members of the Chemistry School taking Physics as a subsidiary subject. The strain on the accommodation in the Department has been considerable, but the work done has on the whole been of a commendable standard. Special mention should be made of W. Mervyn Jones, who obtained First Class Honours.

Professor Williams, who has been absent on National Service since

Professor Williams, who has been absent on National Service since November, 1939, and now holds a high position on the scientific staff of the Coastal Command, has been able to visit the Department occasionally. Of the other members of the permanent staff of the Department, Dr. R. M. Davies is temporarily attached to the staff of the National Physical Laboratory and Mr. D. A. Richards is a temporary Scientific Officer at the Royal Aircraft Establishment, where a number of ex-students of the Department are doing

notable work.

The temporary appointments of Miss E. M. Williamson and Dr. G. R. Evans have been continued, and, in view of the very considerable increased demands on the staff, particularly in the laboratories, Miss E. T. Lougher was appointed a third temporary Assistant Lecturer in October, 1941. The Department is further indebted to Dr. F. C. Chalklin, of University College, London, who has assisted in lecturing to the Final and Honours classes.

During the winter, I delivered two short courses of lectures, under the auspices of the Extra-Mural Department, in Welsh, on fundamental mechanical principles and their application. It is hoped that at some future date these lectures may be published, as it is considered that they may be a new con-

tribution to scientific literature in Welsh.

### ZOOLOGY

## PROFESSOR T. A. STEPHENSON

The number of students this Session was sixty-eight from the University College of Wales and five from University College, London. The D.Sc. degree was awarded during the Session to Dr. Gwendolen Rees in recognition of the

value of the series of parasitological studies which she has published during The M.Sc. degree was awarded to Miss E. M. O. Laurie, B.Sc. for a thesis entitled "A biological study of an upland pond and its inflowing stream at Ystumtuen, North Cardiganshire. I. General Survey. II. The dissolved oxygen ''; and also to Miss A. Y. Jones, B.Sc., for a thesis entitled "The biology of Cumopsis goodsiri (Van Beneden) and of Cumopsis goodsiri n. var. cambrensis." The work of the Honours class of three students was thoroughly satisfactory and a particularly good thesis was produced by Miss S. M. G. Budge.

The general work of the Department has been carried on in as nearly normal a manner as wartime conditions permit and original investigations have been continued wherever possible. The local section of the Government Wireworm Survey has continued its work under Mr. J. R. W. Jenkins with an augmented number of assistants and the study of the Elateridae of the district, undertaken last year by Dr. J. R. E. Jones in connection with this survey, has also been continued with interesting results. I should like to thank Miss

E. M. O. Laurie for voluntary part-time teaching assistance.

### Publications

Professor T. A. Stephenson and Mr. J. R. Le B. Tomlin South African Patellidae. Proc. Malacological Soc., Vol. 25, 1942.

DR. E. E. WATKIN

The male of the amphipod Haustorius arenarius Slabber. Journ. Marine Biol: Assn. U.K. Vol. 25, 1941.

The macrofauna of the intertidal sand of Kames Bay, Millport, Buteshire.

Trans. Royal Soc. Edinburgh. Vol. 60.

Dr. Gwendolen Rees

The scolex of Aporhyncus norvegicus (Olss.). Parasitology, Vol. 33. 1941. The musculature and nervous system of the plerocercoid larva of Dibothrium grossum (Rud.). Parasitology, Vol. 33, 1941. Dr. Gwendolen Rees and Mr. Jack Llewellyn

A record of the trematode and cestode parasites of fishes from the Porcupine Bank, Irish Atlantic slope and Irish Sea. Parasitology, Vol. 33, 1941.

Dr. J. R. E. Jones

The effect of ionic copper on the oxygen consumption of Gammarus pulex and Polycelis nigra. Journ. Exper. Biol., Vol. 18, 1941. A study of the relative toxicity of anions, with Polycelis nigra as test Journ. Exper. Biol., Vol. 18, 1941.

### LAW

## Professor D. J. Llewelfryn Davies

Of the thirty-seven full-time Law students in the Department during the Session, twenty were first year students. The unusually large entries for the last two Sessions seem to indicate that the value to the future lawyer of at least a year's residence at a University Law School is becoming more widely

realized.

At the beginning of the Session, a tutorial system was instituted for all first year Law students. Under this system students are arranged in groups of not more than four, and at the beginning of each term each group is assigned to a tutor. Every week a student is required to prepare a written work which is then read and discussed in the tutorial class. The value of this innovation has already been proved in the case of first year students and it is hoped to extend it to other students.

As is shown by the examination results, the work of the students was, on the whole, very satisfactory. The two candidates for Honours were

placed in the First Class.

Mr. N. P. Shannon resigned his appointment as Special Lecturer at the end of last year, and Mr. R. A. Wing and Mr. W. H. D. Winder were both absent on military service during the whole of the Session. The Department, fortunately, has been able to secure the services as temporary lecturers of Mrs. I. C. Matson, B.A. (Oxon.), LL.B. (N.Z.), and Mr. I. Unger, LL.M. (Lond.).

### MUSIC

### Professor David de Lloyd

Intermediate and Subsidiary Classes (Arts).—Of the two students in the Intermediate Class, one showed much ability. In the Subsidiary class the

work, in general, was of a satisfactory standard.

Final Class (Arts).—One member of this group was called up for service early in the Session and yet another a few weeks before the Final examination. The latter, however, was given leave to sit the examination and passed creditably. The students in this class, two of whom intend taking Honours, worked diligently throughout the Session and satisfied the examiners in the recent examinations.

Honours (Arts).—Two students presented themselves for this examination. One was placed in Class I and the other in Class IIa. The former has con-

siderable musical gifts.

Honours (Faculty of Music).—Awarded First Class in the June examination, this student—Miss Dorothy Jones, who recently qualified as B.Mus. in the University of Lendon—is a gifted musician, with a natural bent for musical composition and a flair for historical research.

The remainder of the music students may be grouped under the following headings: (a) Music Diploma students, (b) students pursuing Solo subjects (vocal and instrumental), and (c) students of the Training Department.

Two students took the 1st year course for the Music Diploma. One was very weak, but the other, taking Singing as her principal subject, did very

creditable work in the other subjects required by the regulations.

Sixty-three of the students who took Solo work appeared at the practical examination held in May. The standard attained was encouraging, the

progress made by the novices being specially notable.

The first, second and fourth year students of the Training Department still show a preference for the "Rudiments of Music." Their paper work here was good, but the aural and sight-singing tests revealed the usual weakness. The steady pursuance of this course of study throughout the student's period of residence is the only way to achieve even moderate success in a subject

which is so sadly neglected in school years.

Concerts.—The programmes of the weekly (Monday) concerts and the (Friday) "At Homes" included representative works by classical and modern composers, the "moderns" figuring largely in the "At Homes". The resignation of Miss Esme Silver as a member of the College String Quartet (2nd Violin) brought to a close a period which covers many years of devoted service to the College and the Music Department in particular. Her place was taken up by Miss Dorothy Jones (already referred to in the course of this report), who proved herself a highly efficient substitute. Miss Jones's recent appointment to an important post renders necessary another change in the personnel of the Quartet, a change which will be effected, it is hoped, in time for the opening of next Session.

## AGRICULTURE

## Professor J. J. Griffith

The number of students taking courses of study in the Agricultural Department during the past Session was as follows:—

Degree Courses		
1st Year	 	 24
2nd Year	 	 7
3rd Year	 	 2
4th Year	 	9
Dairy Courses		
Diploma Course 1st Year	 	 19
Diploma Course 2nd Year		 5
Short Course	 	 15
Refresher Course in Horticulture	 	 12

In spite of the abnormal circumstances, the teaching work of the Department was carried on along the usual lines except that no provision was made for the Short Course and the Diploma Course in Agriculture, as these courses have been suspended for the duration of the war.

The work done by degree students was on the whole satisfactory, but it was evident that many of them would have done much better if it had been possible for them to have been on a farm for a year before entering College.

Of the dairy students, practically all taking the Short Course and the First Year of the Diploma Course worked well and made very good progress, but the Second Year students in the Diploma Course were definitely below the standard of previous years.

As I am retiring at the end of the Session, I take advantage of this opportunity to thank the Council and also my colleagues in the Agricultural Department for their courtesy, goodwill and co-operation during the whole period of my long association with the College. I also desire to express my sincerest wishes for the future success of the Department under the direction of my successor.

### AGRICULTURAL BOTANY

## Professor T. J. Jenkin Miss K. Sampson

Grade	No. registered	No. who took Sessional Examinations	No. Passed
Subsidiary 2nd Year Honours	9 4	9	7 4
Totals	13	13	11 {

The work of the Department was carried through under arrangements similar to those of the previous year. The number of students taking the Subsidiary Course was slightly lower, but again four students took the Honours Course. Their work was satisfactory, one of them being awarded a First Class, one Class IIA, and the remaining two Class IIB.

### Publications

MISS KATHLEEN SAMPSON and Mr. J. H. WESTERN
Diseases of British Grasses and Herbage Legumes. Cambridge University Press, 1941. 85 pp. 8 plates. 15 text figs.

DR. W. ELLISON

The cytology of certain diploid, triploid and tetraploid Avena hybrids. Genetica, 1940. 22. 408-18.

MR. W. M. MARRIOTT and DR. W. ELLISON

Land reclamation in Montgomeryshire. J. Land Agents' Soc. Jan., 1942

## AGRICULTURAL CHEMISTRY

MR. R. O. DAVIES

Grade	No. registered	No. who took Sessional Examinations	No. Passed
Subsidiary Final 2nd Year Honours	9 2 2	8 2 2	8 2 2
Totals ,	13	12	12

The two Honours students, T. O. Ellis and Windsor Lewis, obtained a First Class. Both Final candidates were successful, and all the Subsidiary

students made satisfactory progress.

Much of the Department's work has been concerned with fertility problems arising out of the necessity to increase production with a restricted supply of fertilizers. Pot experiments have been carried out by Mr. J. R. Griffiths and Mr. T. J. Jones to study the needs of soil types recently brought into cultivation, and to test the effectiveness of new phosphatic compounds. Critical field trials have also been commenced to determine efficient means of manuring crops such as flax and carrots that are now of special importance, but have not previously been grown on an extensive scale in this area. These and other field experiments are distributed in five counties and cover sandy coastal soils, medium and heavy loams from lowland areas and upland peats. The experiments on bracken infested upland soils have already establishd the fact that even an acid tolerant plant such as the potato suffers from calcium deficiency on these soils, and that the application of calcium in some form is essential for normal development.

Owing to the scarcity of imported foods, a greater need has arisen for guidance amongst farmers as to the value and use of home grown feeding stuffs. The Department is particularly fortunate in having the co-operation of Emeritus Professor T. W. Fagan and Dr. W. M. Ashton with this side of the work. The home-grown foods principally dealt with during the Session have included silage, kale and linseed. As molasses is in limited supply, small scale experiments have been carried out with possible alternatives to it in ensilage, and the results with common salt have been sufficiently promising to justify large scale trials. At the request of the Ministry of Agriculture, an investigation has been conducted into the feeding value of camp and urban

swill available in the area.

## Publication

Messrs. S. H. Adams, R. O. Davies and W. M. Ashton Phosphorus Poisoning. *Agriculture*, Vol. XLIX, 1, June, 1942.

### AGRICULTURAL ECONOMICS

## Professor A. W. Ashby

, Grade	No. Registered	No. who took Sessional Examinations	No. Passed
Final Post-graduate	1 2	1 1	1 , 1
· Totals	3	2	2

The Department has been relieved of most of its teaching work in the College, but has found more than ample demand for the service capacities of the staff. Mr. V. S. Shembekar, B.A. (Benares), was awarded the Ph.D. degree in January for a thesis on "The Place and Problems of Rural Reconstruction in the Development of Indian Agriculture". Only one postgraduate remains and he is expected to complete his studies early next Session. While relief from teaching is a temporary advantage, it is felt that insufficient students of good calibre are coming forward for this subject. The College has been successful in producing an appreciable supply of competent agricultural economists in the past and it is hoped that more students suitable for Honours courses will be registered in the near future. Members of staff still conduct courses in the University College of North Wales.

Mr. D. B. Garner, Accounting Assistant, left the Department to join the Royal Air Force. All the remaining members of the technical staff have been reserved for the time being. A tribute should be paid to the female staff in the clerical, accounting and statistical services for they have proved to be keen,

intelligent and competent workers.

Compilation of records for the National Farm Survey has been the chief special task of the Department. These consist of the three parts of the June 4 Returns, 1941, with the special survey schedule completed for each holding by representatives of the County War Agricultural Executive Committees. It is now expected that on completion there will be about 55,000 files for individual holdings. A complete set of ordnance maps showing boundaries of farms in Wales, 1941, will also be filed in the Department, There have been many difficulties in making and arranging the records both for staffs of the County Committees and for the Survey Staff here. But we have received consideration from staffs of County Committees, which has been greatly appreciated. The Ministry of Agriculture has shown a keen desire to make the records as satisfactory as possible under prevailing conditions. It is hoped that the work of compilation may be complete by the end of 1942. Records have been used for some research projects, particularly on the economic and geographical distribution of tractors in Wales. Other lines of analysis of current value will be followed as opportunity is found. But it is hoped that large-scale processes of analysis may begin as soon as the work of compilation is all clear, possibly before it is complete.

All the normal work of the Department in recording business conditions on farms and analysis of financial results and their determination continues, together with some special short-period recording and analysis required by the Ministry of Agriculture for current purposes of information and administration. The chief change here is a reduction in the number of records of poultry enterprises largely caused by the economic disturbance of this branch of

farming.

The change in the basis of assessment of farmers' income tax is causing more offers of co-operation in accounting general farm businesses. partment is now keeping accounts for Bargoed and Pantyrhuad farms and its work assisted in compiling a full record of the Bargoed experiment in land reclamation. A special study of methods and costs of making silage in 1941, by Mr. W. J. Thomas, B.Sc., has proved particularly useful. Some further extension of studies in enterprise costs is expected at an early date. It is now difficult to give full publicity to all the accounting and recording work by way of publication, but a large part of the materials is being used for many pur-During the last few months members of staff have given considerable assistance to Demonstration Committees of War Agricultural Executive Committees, and records of farms, some covering several years, have proved valuable in demonstrations of farm management. Materials for a statistical and economic survey of Welsh agriculture during the last fifty years are being collected and arranged.

Heavy demands have been made on the co-operative business advisory section during the year and all have been met. The work here is extremely varied, largely because of new trade conditions and regulations, and often requires pooling of information and joint efforts by several members of staff.

Tribute should be paid to farmers who supply the Department with information. Although they generally gain from their recording association with us, and some of them gain directly and quickly, there are services and occasions in which the gain is to the industry as much as to individuals. During the year work pressure on farmers' time has increased, but their willingness to co-operate with the Department has been wonderfully maintained. The efficient and sympathetic services of members of staff who visit farms, especially those of Mr. J. Pryse Howell, M.Sc., largely contribute to the pleasure and efficiency of these associations.

## PUBLICATIONS AND SPECIAL MEMORANDA

Professor A. W. Ashby

Notes on Maximum Utilization of Land fn Planning Processes (Demographic Committee: 1940 Council). Cyclostyled.

General Causes of Agricultural Poverty. Royal Institute of International

Affairs. (Cyclostyled.)

The English Countryside and the Psychology of Scenic Change (Cyclostyled). Lord Justice Scott Committee on Land Utilization and for Circulation.

Mr. J. H. SMITH
The Supply and Use of Farm Labour in Wales. Farm Economist. Vol. IV. No. 1. January-March, 1942. Work Output Capacity of Women Employed in Agriculture (Cyclostyled).

Messrs. J. H. Smith and W. J. Thomas Changes in Farm Costs of Hired Labour in Wales during 1940-1 (Cyclo-

styled).

Mr. R. BENNETT JONES

A Review of Co-operative Requirements Societies in Wales during 1940 (Cyclostyled).

Review of the Operation of Farmers' Milk Depots, 1940—(1) A Mid-Wales Creamery, (2) A South Wales Creamery, (3) A North Wales

Creamery. (Cyclostyled). Wales: Year Book of Agricultural Co-operation, 1942. Horace Plunkett

Foundation. MR. W. H. JONES

Wales: Year Book of Agricultural Co-operation, 1941. Horace Plunkett Foundation.

Studies in Financial Policies of Agricultural Co-operative Societies-(1) Agricultural Co-operative Societies and the Prevention of Frauds (Investments) Act, 1939 (Share Capital, Reserves and Unappropriated Profits), (2) Distribution of Profits and Financial Policies in Agricultural Co-operation. Year Book of Agricultural Co-operation, 1942. Horace Plunkett Foundation.

MR. W. J. THOMAS

Financial Results of 31 Poultry Farms in Wales, 1940-1 (Cyclostyled). Silage Costs on Welsh Farms, 1941. (Western Mail and other newspapers in Wales.)

## Agricultural Book-keeping

## MR. J. H. SMITH

Twenty-four students pursued a course of instruction in Book-keeping during the Session.

The number of students who took Book-keeping in the National Diploma in Dairying examination in 1941 was six, of whom three were successful.

## DAIRY BACTERIOLOGY

## Mr. S. B. Thomas

The National Milk Testing and Advisory Scheme has been in operation in Carmarthenshire since January and in the other eight counties of the Province since 1st June, 1942. Subsidiary laboratories have been set up at 33 creameries and the testing work is being followed up by intensive advisory work in the counties concerned.

### PUBLICATIONS

Mr. S. B. Thomas

"Resazurin reduction of fresh and stored udder milk." Proc. Soc. Agric. Bact. 1941. p. 34.

"Resazurin reduction as an index of milk churn sterility." Proc. Soc. Agric. Bact. 1941. p. 47.

Mr. S. B. Thomas and Dr. B. F. Thomas

"An examination of Resazurin and Rennet Tablets." Dairy Industries. 1942. 7,121.

Mr. S. B. Thomas and Mr. Kenneth Morgan

"The Cellular Content of Milk—VI." "The Catalase Test." Dairy.

Industries. 1942. 7.148.

"The technique of the Catalase Test." Dairy Industries. 1942 7,175.

### DAIRYING

#### Mr. John Lewis

There has been an increase in the numbers of students pursuing courses in Dairying this year.

The numbers attending the various classes were as follows:-

The quality of work done by the Second Year students has been much below the usual standard, but the work of the First Year and Short Course classes has, on the whole been highly satisfactory.

Miss Dorothy Probert is relinquishing her post as my assistant and she is

succeeded by Miss Margaret Jones, B.Sc., N.D.D.

I wish to record my appreciation of Miss Probert's very able and efficient service to the Department.

## ADVISORY ZOOLOGY

Mr. I. R. W. JENKINS

No lectures were given to students in the Department of Zoology during the Session since none of the Honours candidates were in the Faculty of Rural Science, and did not therefore deal with the applied aspect of their various

subjects.

The chief feature of the year's work has again been the soil pest survey of the seven counties constituting the College area, for which purpose the number of assistants provided by the Ministry of Agriculture was increased to eleven During the course of this work, over eleven thousand acres of grass and arable land have now been surveyed, entailing the detailed examination of over thirty-five thousand samples of soil.

As a result, a very large volume of information and advice has been given to farmers, enabling them to avoid losses due to wireworm attack by growing the less susceptible crops on fields with a high wireworm content, and those due to leather jackets by timely application of the appropriate poison bait.

A special section of the survey, carried out at the request of the Ministry of Supply, dealt with the 2,500 acres of land in Pembrokeshire which has been •

devoted to Flax production; a new industry for the county.

In connection with the general survey, the Advisor has attended meetings of the Advisory Officers' Standing Committee held in London, and is a member of the Drafting Committee, having been allocated the task of correlating the

results obtained for the whole of Wales.

Another important aspect of the Advisor's work has been to keep in close touch with the Demonstration Sub-Committees set up by the War Agricultural Executive Committees of the Area. The primary function of these committees is to bring the results of scientific research, together with other information helpful in the campaign for increased food production, to the direct attention of farmers and much valuable propaganda has been made possible by this association with them.

The various activities outlined above have enabled general advisory work to be carried out on a greatly increased scale. Lectures and addresses have been given to Young Farmers' Clubs, District Officers of the War Agricultural Executive Committees, gatherings of farmers at fairs and marts, Allotments Associations and Women's Institutes, and have been of further

assistance in this respect.

The Advisor has also acted as chairman of the Cardiganshire County Garden Produce Committee since its inception, but pressure of other work has now compelled him to resign from this position.

# THE WELSH PLANT BREEDING STATION

Director: Professor T. J. Jenkin

The most important event of the year was the resignation of the Director, Sir R. George Stapledon, C.B.E., M.A., F.R.S., which took effect at the end of March, 1942. This event cannot be allowed to pass without paying a very sincere tribute to his efforts and achievements in relation to the Station.

Sir George has now severed a connection with the College that had lasted for thirty years. The foresight of those responsible for his appointment as Adviser in Agricultural Botany in 1912 has undoubtedly led to developments which under his guidance and inspiration have brought great credit and fame

to the University College of Wales.

Specialising in the study of grassland, he became an acknowledged authority on the subject, and when the Welsh Plant Breeding Station came to be established in 1919 his appointment as Director was inevitable. The beginning was a modest one, but expansion was rapid. The possibility of producing new strains of herbage plants was soon established, and the pioneer work of research in methods and technique of selection, breeding and strain building, and in the study of grassland problems carried out at the Station soon aroused widespread interest and appreciation.

Sir George Stapledon's early work in North Cardiganshire had excited his interest in the hill lands of Wales and in methods for their improvement and better utilization. Experimental work led to the establishment and development of the Cahn Hill Improvement Scheme, and this in its turn, first to the classification of the grasslands of Wales and then to those of England. He was then able to show that there were wide stretches of derelict farm land that should be amenable to improvement with great profit to the

nation.

The possibilities of the heavy clays of the Midlands particularly appealed to him and led to the establishment of the Grassland Improvement Station at Dodwell, near Stratford-on-Avon, to which he was appointed Director. This work claimed so much of his time and attention, in addition to other calls on Government committees and general advisory work, that he found it expedient to retire from his posts at Aberystwyth, in order that he may devote himself entirely to this new work which has such far-reaching possibilities.

Thus, the first phase in the history of the Welsh Plant Breeding Station has been brought to a close in the twenty-third year of its history. This first phase was largely one of planning and expanding. It has come to an end at a time when, further immediate expansion is impossible. Whether this would have been possible and desirable under normal conditions cannot be determined, but even at the present time a great deal can and is being done in the

exploitation of the results already obtained.

This, in part, is being done by members of the Station's staff who have been seconded as Technical Advisers to the County War Agricultural Executive Committees. More directly it is exploited by the greater use of Station-bred strains directly and indirectly in increased food production and the maintenance of land fertility. In particular, Station-bred oat varieties are being more and more widely grown with gratifying results. The value of the new strains of grasses and clovers for the formation of productive pastures is also becoming very widely recognised, and the demand for seed is becoming so pressing that many new seed-growers' associations aiming mainly or entirely at the production of Aberystwyth pedigree seeds have been formed during the past year.

The importance of seed in continued food production has been recognised in a practical manner by the establishment of a Seeds Committee of the National Institute of Agricultural Botany, Cambridge. As the result of an appeal by this Committee, the Seed Production Officer, Mr. Gwilym Evans, has been seconded to act as technical officer to this new Committee as from 1st April, 1942, and his work at the Station is being carried on under the leadership of Mr. David J. Griffiths. The importance of the maintenance and an increase in Stock Seed of the Station's strains by the Station itself is fully realised and the acreage sown for this purpose shows a substantial

increase in 1942.

Every possible effort has been made to demonstrate the work of the Station, including the Cahn Hill Improvement Scheme, to small parties of visitors. The results at Pwllpeiran and Prignant continue to excite interest. but some areas already show that without periodic attention the initial improvement cannot be maintained. On the other hand, certain areas that have gone into their second phase after recultivation and seeding down with a better class of seed mixture are now carrying a remarkably fine sward. After the disastrous spring of 1941, it is pleasing to note that the winter and spring of 1941-42 have been very favourable to sheep, and a record crop of lambs is

reported for the sheep walk at Nant Rhys.

A new feature of the work of the Station in 1941-42 was the organisation of Cereal Demonstration Plots in each of the thirteen Welsh counties in the spring of 1942. At the request of the Ministry, the Station undertook the responsibility of finding and distributing all the seed grain required for this purpose, and with the assistance of the County Officers a large number of centres were found. The demonstrations should prove of great value as a guide to the selection of varieties to be sown under various conditions of fertility in the spring of 1943. The value of farm demonstrations of various kinds for the increase of food production has been further recognised by the Ministry by the setting up of special sub-committees in each county to deal especially with this work. The Station has been invited to assist in this work, and members of the staff are doing so by serving on such sub-committees and by taking part in the actual demonstrations.

The compounding of seeds mixtures for farmers is not considered to be within the scope of the work of the Station, but, no doubt in great part as the result of the work of the Cahn Hill Improvement Scheme, large areas of hill land are being ploughed up for direct re-seeding. For this purpose the Station is utilising the "seconds" from its pedigree seed, together with the necessary amounts of seed from other sources, to form a balanced but relatively lowpriced seeds mixture for use on approved areas. In the aggregate, seed of this type was provided by the Station for more than 500 acres in 1942.

The purely research aspect has necessarily been seriously curtailed since the war began, but every effort is being made to maintain valuable genetical and breeding material, while particular attention is given to the maintenance

and improvement of established strains.

Dr. T. J. Jenkin was appointed to succeed Sir George Stapledon as Director of the Station on the 6th May, 1942.

### Publication

Mr. E. T. Jones

Cereal Production. War Food Production Advisory Bulletin No. 6. 1941. pp. 46.

## IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS

Director: Professor T. J. Jenkin DEPUTY DIRECTOR: DR. R. O. WHYTE

The flow of literature to be dealt with by the Bureau and the number of enquiries on a wide range of subjects received during the past year have kept the staff fully occupied. Herbage Abstracts is now produced six times per annum in order to allow for four abstract issues and two review issues.

Several important Bulletins are in preparation by the Pasture Bureau. either alone or in collaboration with other Bureaux. Subjects being covered include land classification and utilization, the use of grasses and legumes in crop rotations, the forage resources of South and Central America, and so on.

The Central Sales Branch of the Imperial Agricultural Bureaux continued to handle all matters concerned with subscriptions, sales and distribution of

publications of ten Bureaux.

The clerical staff has been increased considerably to deal with the greater amount of office work, and the scientific staff has been strengthened by the appointment of Miss Dorothy Brown, M.Sc. (Liverpool), formerly Technical Librarian at Messrs. Pilkington's, St. Helens, Lancashire, as a full-time scientific assistant. Mr. M. A. Oljhovikov left the service of the Bureau on 31st December, 1941, to take up new work of a more practical nature, as Second Field Assistant on the staff of Professor F. G. Gregory, F.R.S., Research Institute of Plant Physiology, South Kensington. Professor Gregory is conducting extensive experiments on the vernalization of British crop plants at East Malling, on behalf of the Agricultural Research Council.

## **EXTRA-MURAL STUDIES**

Mr. Ifan ab Owen Edwards (Vice-Chairman, Extra-Mural Classes Committee)

The Session 1941-2, the third of the war, showed a further recovery from the temporary shock which extra-mural activities suffered from the outbreak of war.

Naturally, tutorial classes, with their three-year requirements, were still further reduced in numbers, from 12 in 1940-41 to 7 in 1941-42. Sessional classes, on the other hand, increased from 29 to 36, and Short Courses from 33 to 48. The result is, therefore, an increase of 17 centres in which the College organised extra-mural activity, from 74 in 1940-41 to 91 in 1941-42.

The number of students enrolled in the tutorial and sessional classes shows an increase from 739 in the previous Session to 765, whilst the average attendance at the Short Courses has mounted to the quite surprising total of 1,354 members. The College, therefore, provided extra-mural education during the Session that has just ended for a total of 2,119 people in the College area.

Two factors have contributed to this satisfactory position—the work of the resident tutors within their areas, and the foresight of Mr. Ben Bowen Thomas in availing him elf of the special provisions of the Adult Education Regulations allowing the setting up of Short Courses.

During the past Session, the resident tutors have taken over almost complete control of all the classes and activities within their areas. The value of their advice and guidance has already shown itself in the steady progress of extra-mural work despite the manifold difficulties of the present

period.

The Short Courses are a war innovation, and have already shown their value to the College in two directions—firstly in allowing the Department to carry on its own pioneer work in a form admirably adapted to a rural area, and secondly in giving the College a means of entry into the varied forms of local literary societies that fortunately abound in Mid-Wales, helping them and enriching their programme of activities. These Short Courses are now only in their experimental tage, but it is not unlikely that they will play an important and vital part in post-war Welsh extra-mural education.

With the Winter Session half-way through, Mr. Ben Bowen Thomas left to take up an important National Service post. During his temporary absence, we shall endeavour to maintain the standards of the work of the Extra-Mural Department and to extend its activities as far as the limitations

of the war period allow.

# UNIVERSITY EXTRA-MURAL CLASSES

Class	Subject	Tutor	Enrol- ment
	TUTORIAL		
Carmarthenshire	_		
Carmarthen	Political thought	T. I. Jeffreys Jones	18
Llanelly	Music	Frank Phillips	8
Merioneth			
Aberdovey	Economic geography	W. J. Lewis	18
Dinas	Problemau sylfaenol mewn	Dr. Dan Davies	12
Mawddwy	athroniaeth		
Montgomeryshire			
Llanidloes	Human and political geo-	Alwyn D. Rees	17
7.6	graphy	T T T	4.57
Machynlleth	The history of medieval	J. R. Jones	17
Pembrokeshire	philosophy		
	Political science	D. Hughes Lewis	12 ^
minora maven	1 Official Science	D. Hughes Lewis	14
	SESSIONAL		
Cardiganshire			·
Aberystwyth	Geographical background	Prof. R. F. Treharne	27
A horrestreeth	of current politics Art	Honey Died	22
Aberystwyth Borth		Henry Bird Harold Watkins	32 32
Llandyssul	The economics of war Drama	Harold Watkins Mrs. Mary Lewis	
Llanilar	History of the church	Rev. O. H. Jones	
Llanybyther	Welsh	Rev. D. Emrys James	
Pontrhydfen-	Biblical literature	Rev. William Davies	18
digaid		<b>D</b> G	10
Pontrhydy-	Social economics	Percy George	16
groes Rhydypennau	Ethics (Christian ethics)	Rev. D. J. Evans	18
Talgarreg	Welsh	Rev. D. Emrys James	
Carmarthenshire	VV OISII	rev. D. Emrys Junes	
Bancffosfelen	Political ideas	Rev. D. E. Williams	12
Caio	Psychology	Rev. W. T. Gruffydd	12
Carway	"Man in society"	Rev. Oswald R. Davies	
Felinwen	The religions of mankind	Rev. Prof. M. B. Owen	
Ffairfach	Modern Welsh history	T. I. Jeffreys Jones	15
Llangeler	Welsh literature	Mrs. G. E. Davies	14 14
Pencader Pontyberem	Modern political thought Political thought	T. I. Jeffreys Jones C. Lloyd Humphreys	19
St. Clears	Soviet Russsia and Europe	D. Hughes Lewis	24
Talley	Psychology	Rev. W. T. Gruffydd	27
Trimsaran	Social psychology	T. G. Davies	15
Merioneth		,	
Dyffryn	Comparative religion	Rev. R. O. Hughes	12
Harlech	Llenyddiaeth Gymraeg yn	Mrs. Enid Griffiths	27
Mandana	y ddeunawfed ganrif		
Montgomeryshire Caersws	Cooranhical factors in poli	Alwayn D. Roos	20
Caersws	*Geographical factors in political problems	Alwyn D. Rees	40
Hen Neuadd	Geography and political	Alwyn D. Rees	16
	problems		

Class	Subiect	Tutor	Enrol- ment
Llangurig Llanfair Newtown (I)	Church history in outline Expansion of Europe History of Montgomery- shire	Rev. Herbert Morgan Alwyn D. Rees T. Hughes Jones	28 17 16
Newtown (II)	International relations	Alwyn D. Rees	18
Pembrokeshire Fishguard Goodwick Narberth	Wales in the 19th century Modern Europe History of the United States	Mrs. M. H. Phillips W. J. Rees W. J. Rees	18 15 26
St. David's Tenby	History of Pembrokeshire International relations	D. Hughes Lewis D. Hughes Lewis	14 18
Radnorshire Llandrindod Wells	International relations	S. H. F. Johnston	16
Rhayader	Your mind and mine	W. Heckstall Smith	13
	SHORT COUL	RSES	
Cardiganshire			
Aberarth	Y Beibl, ei gefndir a'i	The Rev. Prof. Bleddyn	
Aberaeron	esboniad Democracy, and some of the problems	Roberts Rev. M. Lloyd Thomas	
Blaenpennal	Rhai problemau mewn sei-	Dr. Dan Davies	20
Cellan Felinfach Llandyssul	coleg a moeseg Daniel Owen, y Nofelydd Gwyddor gwlad Rhai cerrig milltir yn y	Rev. T. Eurig Davies R. O. Davies Rev. T. Eurig Davies	45 40 50
Llanio Road Llannon	ganrif ddiwethaf Llenyddiaeth heddiw Cefndir y Testament Newydd	Eluned Ellis Williams Rev. Mansel John	
Melindwr (Penllwyn)	Y ddrama Gymraeg	D. J. Gwenallt Jones	21
Mydroilyn Penygwaith	Gwyddor gwlad Llenyddiaeth grefyddol Gymraeg 17-18 ganrif	R. O. Davies Garfield Hughes	28 15
Ponterwyd	Problemau Cymru	T. I. Ellis ac Ifan ab	22
Penuwch	Y 19eg ganrif yng Nghgmru wledig	Owen Edwards S. M. Powell	22 10
Rhiwbwys (Llanrhystyd	Addysg yn y Gymru	T. I. Ellis	15
Tregaron Ystumtuen	Llenyddiaeth Gymraeg Gwyddor pethau cyffredin	D. J. Gwenallt Jones I. C. Jones	14 30
Carmarthenshire Abergwili Alltwalis Bancyfelin Carmarthen Felingwm	Drama Pobl Ewrop Llenyddiaeth Gymraeg Political theory Hanes Cymru	Mrs. David Lewis T. Gwyn Jones T. Gwyn Jones T. I. Jeffreys Jones T. Gwyn Jones T. Gwyn Jones	40 35 30 40 30

Class	Subject	Tutor	Enrol- ment
Henllan Amgoed	Llenyddiaeth Gymraeg	T. Gwyn Jones	40
Laugharne Llandilo Pendine Talog Trelech	Political theory Political theory Economics Gwleidyddiaeth heddiw Problemau Cymru heddiw	T. I. Jeffreys Jones T. I. Jeffreys Jones T. I. Jeffreys Jones T. I. Jeffreys Jones T. I. Jeffreys Jones	20 40 30 15 40
Tumble Merioneth	Pedwar cymwynaswr mawr	Rev. Herbert Morgan	75
Barmouth Y Friog	English literature Addysg yn y Gymru Newydd	Prof. C. J. Sisson T. I. Ellis	25 20
Ganllwyd Pennal Montgomeryshire	Hanes grefyddol Gwyddor gwlad	Rev. Robert Evans R. O. Davies	0.0
Aberhosan Berriew	Gwyddor gwlad Current international prob- lems	R. O. Davies Dr. Otto Hahn	
Bwlchyffridd Clatter	Hanes grefyddol Current international prob- lems	Rev. Robert Evans Harold Watkins	
Llanbrynmair Welshpool	Arloeswyr a chymwynaswyr Current international prob- lems	Rev. Herbert Morgan Harold Watkins	35 44
Cemmaes Pembrokeshire	Gwyddor pethau cyffredin	I. C. Jones	35
Broadhaven	Herd instinct in peace and war	J. B. Perkins	16
Gelli	Hanes llenyddiaeth Gymraeg	Mrs. C. M. Davies	15
Glandwr Hayscastle	Gwyddor gwlad Datblygiad y syniad o Dduw	John Phillips W. J. Rees	18 18
Hérmon	Hanes a llenyddiaeth Gymraeg	Mrs. C. M. Davies	25
Penffordd	Hanes a llenyddiaeth Gymraeg	Mrs. C. M. Davies	- 20
Radnorshire Llanbister	Japan and the Far East	Capt. A. F. Booth	35

### LIBRARIES

## Mrs. E. C. Gwynn (Sub-Librarian)

Statistics. The table of statistics below shows that the Libraries are as much used as in previous years, while the number of books lent to other libraries has increased appreciably.

The total of accessions recorded does not include the Kastner, Gwilym Owen and Winstanley collections, which, owing to pressure of routine work,

have not as yet been fully dealt with.

Administration. The Librarian left in mid-Session for National Service. The supply of American periodicals continues to be fairly steady, but the proportion of American books purchased is relatively small, owing to the policy adopted of buying only such publications as are in stock in this country.

A special grant was made towards the end of the Session for the purchase of publications of the Early English Text Society, the library set being very

incomplete.

Donations. There have again been many gifts of books and periodicals, among the donors being:—British Museum (8 vols.); Carnegie Endowment for International Peace (9 vols.); Columbia University, Teachers' College (8 vols.); Copper Development Association (11 vols.); Discovery Committee (3 vols.); Mr. Sydney Herbert, U.C.W. (5 vols.); Mrs. R. Jenkyn-Owen (12 vols.); Dr. R. Owen Morris (5 vols.).

The late Professor Gwilym Owen, Vice-Principal of the College, be-

queathed to the Library some 500 books from his library.

Mrs. E. E. Kastner presented to the College about 1,000 volumes from the library of the late Professor Leon E. Kastner, who was Professor of French here from 1903 to 1909.

Miss L. Winstanley, until recently a member of the staff of the English Department of the College, has given to the Library about 200 books and

pamphlets.

Sixteen theses and dissertations were received from the University Registry at Cardiff, and sixty calendars, prospectuses, annual reports and similar publications from various universities, colleges and institutions.

## STATISTICS, 1941-42

Volumes dealt with during the year:	already in accessions	Library	•	66 1,207
Pamphlets dealt with during the year				67
				1,340
Books issued to members of University	ty College of	Wales	:	
General Library (Term)				5,573
(Vacation)	• • • • •			545
Science Library (Term) (Vacation)	• • • • • •		• •	907 178
Books issued to members of University	ty College T			1/0
General Library (Term)	ty Confese, 1	ondon.		4,317
(Vacation)				498
Science Library (Term)				234
Science Library (Term) (Vacation)				48
				12,300
Borrowers for Vacation, University	College of W	ales:		100
General Library Science Library			• •	192
Powers for Veneties University C	allogo Tamel		• •	66
Borrowers for Vacation, University C General Library	onege, Lond	.: 110.		162
Science Library			• •	19
Colonec Elbrary	• • • • • • • • • • • • • • • • • • • •	• •	• •	
				439
Books borrowed through Regional Lib	oraries Scher	ne for V	Vales	
and Monmouthshire, and Nation	nal Central	Librar	y:	
For members of University Colle	ge of Wales			42
For members of University Colle	ge, London			32
				7.4
				74
Books applied for but not available				25
Books lent through Regional Librarie	es Scheme a	nd Nati	ional	2,3
	·· ··		ionai	266
Books applied for to University College	e of Wales 1	ut not a	vail-	200
able for loan				106
able for loan Theses lent				3
Number of catalogue slips (addend	la) sent to	the U		
Catalogue, Regional Libraries S	cheme for	Wales	and	
Monmouthshire				1,271

## HALLS OF RESIDENCE FOR WOMEN STUDENTS

SENIOR WARDEN: MRS. K. GUTHKELCH

During the Session, Alexandra Hall and Carpenter Hall have both been full to capacity, with an average of 170 in Alexandra Hall, including, as in the past three years, a number of students from University College, London, and 56 in Carpenter Hall. An overflow hostel for 15 Aberystwyth students was opened at 9, Laura Place for the Session, under the care of Miss May Jones, assisted by Mrs. Aneurin Richards. In the early summer of 1942,

the students taking the Short Course in Dairying were housed at Alexandra Hall, together with one at Carpenter Hall and three had to sleep out. In the Long Vacation of 1941, the following Conferences, Summer Schools, etc., were housed:—

Alexandra Hall Youth Leaders' Conference

Teachers of French in Secondary Schools Short Course in American History Students for Teaching Practice. Entrance Scholarship Candidates.

Easter

Carpenter Hall Course in Radio-Location for men students.

There were two or three cases of mumps, safely isolated at our sanatorium, Glen View, and four cases of appendicitis; otherwise the health of the women students was good.

## SENIOR TRAINING CORPS

Major D. Gwynne Davies

During term, training has taken place mainly on Wednesdays. Courses of continuous training have been conducted in each vacation. The Summer vacation course is proceeding at the time of writing this report.

For reasons of security, numerical data are not given. A considerable number of cadets have passed the examinations for proficiency certificates.

In the first two terms certain members of the College Staff, who are not

In the first two terms certain members of the College Staff, who are no members of the contingent, gave valuable assistance with training.

## UNIVERSITY AIR SQUADRON

SQUADRON LEADER C. R. WHYTT

The work of the Squadron has been continued satisfactorily this Session with approximately the same number of Cadets. In addition to the normal syllabus, it has been possible to give each Cadet actual flying experience, an aircraft having been provided for the use of the Squadron.

During the Easter Vacation, members of the Squadron were billeted in the Officers' Mess at an R.A.F. Station, where very valuable experience was

obtained both flying and instructional.

Several members of last year's course have re-visited the Squadron on their return from America, having qualified for their wings.



15 MAH 1951

# University College of Wales

**ABERYSTWYTH** 



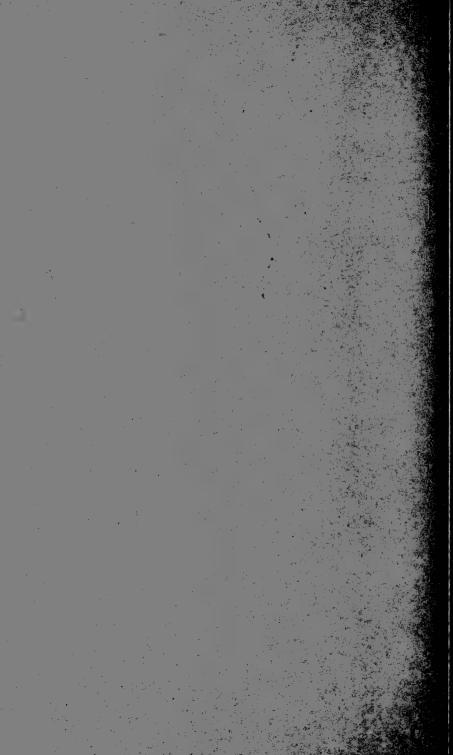
# REPORTS

SUBMITTED TO THE

## COURT OF GOVERNORS

27th OCTOBER, 1943

1943



## **University College of Wales**

ABERYSTWYTH



# REPORTS

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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-second Session, 1943-44.

## COURT OF GOVERNORS

## President:

\*The Right Hon. Lord Davies, M.A., LL.D., 25, Victoria Street (South Block), London, S.W.1.

## Vice-Presidents

\*The Right Hon. The Earl of Lisburne....Crosswood, Cardiganshire. \*Lieut.-Col. Sir George Fossett Roberts, C.B., O.B.E., D.L., J.P., Glanpaith, Aberystwyth.

## Treasurer

\*D. Owen Evans, Esq., M.P......Rhydclommennod, Llangranog, Cards.

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Quay, Cards.
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Aberystwyth.
\*Professor H. J. Fleure, D.Sc., F.R.S., 123, Lapwing Lane, Didsbury,

Manchester.

Mrs. H. J. Fleure......123, Lapwing Lane, Didsbury, Manchester.

The Right Hon. D. Lloyd George, O.M., LL.D., D.C.L., M.P., Brynawelon,

Criccieth.
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## Nominees of The Senate of The College:

Professor T. J. Jenkin, D.Sc.... Rhoslwyn, Iorwerth Avenue, Aberystwyth. Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth. Professor Idwal Jones, M.A., .........48, Marine Terrace, Aberystwyth.

Nominee of The Teaching Staff not Being Members of The Senate: A. Pinsent, Esq., M.A., B.Sc., Red Gables, Penglais Road, Aberystwyth.

Members of Court by Virtue of Membership of College Council:

\*F. D. Chattaway, Esq., M.A., D.Sc., Ph.D., F.R.S., Crofton House Hotel, Torquay.

\*Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road, Aberystwyth.

\*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth.

\*The Rev. Canon Maurice Jones, D.D., 5, Theydon Avenue, Woburn Sands,
Beds.

\*Miss E. C. Nightingale, M.A................The Mount School, York.
\*Sir John Russell, D.Sc., F.R.S., Rothamstead Experimental Station,
Harpenden.

\*Professor R. F. Treharne, M.A., Ph.D., Hillside, Brynymor Road, Aberystwyth.

\*H. M. Vaughan, Esq., M.A., J.P..........32, Victoria Street, Tenby.

\*Denotes membership of College Council.

Bankers—The National Provincial Bank, Limited, Aberystwyth.

Auditors—Messis. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

## COUNCIL

President

The Right Hon. Lord Davies, M.A., LL.D., 25, Victoria Street (South Block), London, S.W.1.

Vice-Presidents

Treasurer

D. Owen Evans, Esq., M.P., Rhydclommennod, Llangranog, Cards.

Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

## Representative Members

Nominees of H.M. Privy Council

The Right Hon. Lord Atkin . . . . . 26, Roehampton Close, London, S.W.15 Professor H. J. Fleure, D.Sc., F.R.S., 123, Lapwing Lane, Didsbury, Manchester,

Major W. J. Burdon-Evans, J.P......Bôd Ivan, Newtown, Mont.

Nominee of Old Students' Association

His Honour Judge Ernest Evans, B.A., LL.B., Huanfa, Ceibach, New Quay, Cards.

Nominee of the University of Wales

The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates

Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon., Cardiff.

Nominee of the University of Oxford

Principal A. E. W. Hazel, M.A., B.C.L.....Jesus College, Oxford.

Nominee of the University of Cambridge

Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge.

Nominee of the University of London

Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford.

Women Nominees of the Court of the College

Miss Gwendoline E. Davies, C.H........Gregynog Hall, Newtown, Mont. Principal Ellen Evans, M.A......Training College, Barry, Glam. Miss E. C. Nightingale, M.A......The Mount School, York.

Nominees of the Senate of the College

Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road, Aberystwyth.

Professor R. F. Treharne, M.A., Ph.D., Hillside, Brynymor Road, Aberystwyth.

## Elected Members

To retire in October, 1943

The Rev. Principal H. K. Archdall, M.A., St. David's College, Lampeter,
Cards.

Dr. David Ellis, B.S., I.P., Cartrefle, North, Road, Aberystwyth

## To retire in October, 1944

To retire in October, 1945

Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. Sir John Russell, D.Sc., F.R.S., Rothamstead Experimental Station, Harpenden.

One vacancy.

## COLLEGE STAFF

## Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

## Vice-Principal:

T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.I.C.

SUBJECTS	Professors and Lecturers
Greek and Latin	Professor of Classics: E. D. T. JENKINS, M.A.  *(Oxon.). Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.). Assistant Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab.); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab.), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturers: J. EARNSHAW, M.A. (Manc.); J. L. PALMER, M.A. (Cantab.).
Welsh Language and Literature	Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales).  Assistant Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: J. L. ANDRÉ BARBIER, Licenciê ês Lettres (Paris), O.A., Chevalier de la Légion d'Honneur. Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Universite de Paris. Assistant Lecturer: J. KILLA WILLIAMS, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Assistant Lecturers: HANDEL B. EDWARDS, M.A. (Wales); T. P. WILLIAMS, M.A. (Wales).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales) Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.).
Welsh History	Sir John Williams Professor: Vacant. Research Lecturer: A. J. RODERICK, M.A. (Wales), Ph.D. (Lond.).
Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.).  Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Assistant Lecturer: J. R. JONES, M.A. (Wales).

Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Senior Lecturer: G. H. GREEN, M.A. (Wales), Ph.D., B.Sc. (Lond.), B.Litt. (Oxon.). Lecturers: IFAN AB OWEN EDWARDS, M.A. (Wales and Oxon.); Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall. Assistant Lecturer: Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.). Instructress in Needlework: Miss L. M. DAVIES, B.A. (Wales). Instructor in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: H. BIRD, A.R.C.A. Part-time Asistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Lecturers: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales); J. H. MORRIS, M.Sc. (Lond.).
International Politics	Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.).  Lecturer: HUGH SETON-WATSON, B.A. (Oxon.).  Lecturer in Colonial History: E. JONES PARRY, M.A. (Wales), Ph.D. (Lond.).
Music	Gregynog Professor: D. J. de LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing). HUBERT DAVIES, A.R.A.M. (Violin).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Special Lecturer (under Solicitors Act, 1922): R. A. WING, B.A., LL.B. (Cantab.). Lecturer: W. H. D. WINDER, M.A. (Oxon.), LL.M. (Lond.) Barrister-at-Law.
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Lecturers: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg); Miss DOROTHY S. MEYLER, M.Sc. (Wales).
o!	Independent Lecturer and Head of Department: THOMAS LEWIS, M.Sc. (Wales). Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales). Assistant Lecturer: C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).

Professor: E. J. WILLIAMS, Ph.D. (C. Manc.), D.Sc. (Wales), F.R.S. Senior Lecturer: R. M. DAVIES, D.S. F. Inst. P. Lecturer: I. C. JONES, M.Sc. (Wales), Assistant Lecturers: D. A. RICHAF (Lond.), A.R.C.S., D.I.C.; Miss E. M. SON, B.Sc. (Lond.). Technical Assistant: L. E. SULSTON, A	F.Inst.P. RDS, M.Sc. WILLIAM-
Chemistry  Chemistry	Sc. (Oxon.); nd.). s.Sc., Ph.D.
Zoology (including Agricultural Zoology)	Sc. (Wales); Sc. (Wales). J. R. W.
Geography and Anthropology  Anthropology  Mathropology  Anthropology  Mathropology  Anthropology  Mathropology  Mathropology  Mouse, M.B.E., M.Sc. (Wales).  Senior Lecturer: E. G. BOWEN, M.A.  Lecturer: WALTER FOGG, M.A. (  Professor: Mrs. L. NEWTON, M.Sc., Ph	E. WHITE- (Wales). Manc.).
Botany  F.L.S. Lecturers: E. H. CHATER, M.Sc. (W (Lond.), F.L.S.; P. W. CARTER, M.S. Miss IRENE M. WILSON, M.Sc., Ph	Sc. (Wales).
Geology Professor: H. P. LEWIS, M.A., Sc.D. Senior Lecturer: J. CHALLINOR, M.A. Lecturer: J. I. PLATT, M.Sc. (Manc.)	A. (Cantab.).
Agriculture and Rural Economy	e (Cantab.).
Agricultural Chemistry Independent Lecturer and Head of D R O. DAVIES, M.Sc. (Wales), I Assistant Lecturer: W. M. ASHTON, I (Wales).	F.Î.C.
Agricultural Economics Professor: A. W. ASHBY, Hon. M.A. ( Assisted by Advisory and Research Staff	
Agricultural Botany Professor: T. J. JENKIN, D.Sc. (W. Senior Lecturer: Miss K. SAMPSON, M. Assistant Lecturer: WILLIAM ELLIS Ph.D. (Durham), N.D.A.	.Sc. (Lond.).

## Advisory Chemistry

Adviser: R. O. DAVIES, M.Sc. (Wales), F.I.C. Investigators: J. R. GRIFFITHS, M.Sc. (Wales); T. J. JONES, B.Sc. (Wales); D. STEPHEN JONES, B.Sc. (Wales); J. R. LLOYD, B.Sc. (Wales); Miss D. M. M. WILLIAMS, B.Sc. (Wales); Miss H. L. JOHNSTON; J. CAMP-BELL THOMAS.

Advisory Agricultural Zoology Adviser: J. R. W. JENKINS, M.Sc. (Wales).
Assistants: T. G. DAVIES, M.Sc. (Wales); J.
MORGAN JONES, B.Sc. (Wales); R. G. EVANS,
B.Sc. (Wales); L. J. SUTHERNS, B.Sc. (Wales).

Advisory Mycology

Adviser: D. WALTERS DAVIES, B.Sc. (Wales). Assistants: D. L. G. DAVIES, B.Sc., Ph.D. (Wales); J. BRADLEY JONES, B.Sc., Ph.D. (Wales).

Advisory Dairy Bacteriology

Dairving ...

Adviser: S. B. THOMAS, M.Sc. (Wales).
Assistant Adviser: G. M. PHILLIPS, B.Sc. (Wales),
N.D.D.

Veterinary Investigation Officer

L. E. HUGHES, M.R.C.V.S., D.V.S.M., N.D.A.

N.D.D.

Assistant: Miss A. M. M. WILLIAMS, N.D.D.
Assistant Lecturer in Dairy Bacteriology: Miss
MAIR ROBERTS, B.Sc. (Reading), N.D.D.

Director of College Dairy: JOHN LEWIS, N.D.A.,

Superintendent of College Farm

RICHARD PHILLIPS, M.Sc. (Wales), A.I.C. SYDNEY JACKSON, N.D.P.

Poultry Manager
Agricultural Bookkeeping

Instructor: J. H. SMITH, M.Sc. (Wales).

Veterinary Hygiene .....

Instructor: A. PARRY, M.R.C.V.S.

Agricultural Engineering ...

Instructor: R. PHILLIPS, M.Sc. (Wales), A.I.C.

Director: Professor T. J. JENKIN, D.Sc. (Wales).
Research Workers in charge of Investigations:
T. J. JENKIN, D.Sc. (Wales); E. T. JONES,
M.Sc. (Wales); GWILYM EVANS, M.Sc. (Wales);
M. T. THÓMAS, B.Sc. (Wales); Ll. IORWERTH
JONES, B.Sc. (Wales).

Grassland Adviser: MOSES GRIFFITH, M.Sc. (Wales).

Assistants: A. R. BEDDOWS, M.Sc. (Wales); W. E. J. MILTON, M.Sc. (Wales), N.D.A.; LLEWELYN PHILLIPS, B.Sc. (Wales); D. E. EDWARDS, M.Sc. (Wales); DAVID J. GRIFFITHS, B.Sc. (Wales); WATKIN WILLIAMS, B.Sc. (Wales); W. G. GWYNNE, B.Sc. (Wales); T. H. DAVIES, B.Sc. (Wales).

Translator: Miss RHODA PETER JONES, B.A. (Wales).

Agricultural Economics Research < and Advisory Staff	Adviser: Professor A. W. ASHBY, Hon. M.A. (Oxon.).  Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales).  Marketing Assistant: E. LLEWELYN HARRY, M.Sc (Wales).  Senior Scientific Assistants: J. H. SMITH, M.Sc. (Wales); J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D., Diplomas in Agricuture and Dairying (Aberystwyth); W. J. THOMAS, B.Sc. (Wales).  Demonstration Officer: H. E. ROBERTS, B.Sc. (Wales).  Marketing Assistant (Co-operation): R. O. ROWLANDS, B.A. (Wales).
Physical Training	Instructor: Major H. F. STIMSON, Diploma of Sheffield Physical Training College. Instructress: Miss H. M. Waddington, Diploma of Anstey Physical Training College.
Department of Extra- Mural Studies	Director: B. B. THOMAS, M.A. (Oxon.). Resident Staff Tutors: D. HUGHES LEWIS, B.A. (Wales); ALWYN D. REES, M.A., (Wales); T. I. JEFFREYS JONES, M.A. (Wales).
Welsh Literature	Emeritus Professors T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales), D. Litt. (Dublin), N.U.I
Education Agricultural Chemistry English Law Zoology Agriculture	C. R. CHAPPLE, M.A. (Lond.). T. W. FAGAN, M.A. (Cantab.), F.I.C. J. W. H. ATKINS, M.A. (Cantab.). T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.). R. D. LAURIE, M.A. (Oxon.). J. JONES GRIFFITH, B.Sc. (Wales).
Director Emeritus of the Welsh Plant Breed-	SIR GEORGE STAPLEDON, C.B.E., M.A. (Can-

ing Station

tab.), F.R.S.

## ADMINISTRATION

Registrar: J. MORGAN JONES, M.A. (Wales).
Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.
Librarian: ARTHUR AP GWYNN, M.A. (Wales).
Senior Warden of the Halls of Residence for Women Students and Warden of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.).
Warden of Carpenter Hall: Miss C. J. MACGREGOR.

## REPORT

1942—1943

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1943, is presented:—

## I.--STUDENT NUMBERS

		Session	ıs		
	1938-39	1939-40	1940-41	1941-42	1942-43
Men Women Total	465 213 ——678	386 194 ——580	252 216 468	253 260 ——513	233 311 ——544
First Year Students.  Men  Women	119 54 173	100 55 ——155	108 69 177	126 110 ——236	120 118 ——238
Post-graduate	472 53 —525	444 40 ——484	382 8 ——390	432 7 ——439	452 4 ——456
Other Students (excluding Short Courses)		96	78	74	. 88
Caernarvonshire Denbighshire Flintshire	11 25 14 14 23 . 46	6 21 13 13 14 27	6 19 9 10 18 24	2 19 9 9 26 28	14 14 11 16 30 87
Cardiganshire Carmarthenshire Glamorgan		14 118 84 168 22 7 21	10 99 62 127 14 7 16 —335	10 115 58 142 16 3 17	15 112 77 156 16 — 24
REMAINDER OF GREA BRITAIN OVERSEAS	т 34 16	41 11	37 10	50 9	50 7

II. STATISTICS OF COLLEGE DEPARTMENTS (Excluding students of University College, London.)

Department Classics:  (a) Greek  (b) Gubsidiary  (c) Greek  (c) Greek  (d) Greek	S.	Students			Examinations	natior		Sessiona	nal	-	Number	of St	Students	ts pa	passed		
6	1st Year Honour	Post-graduate	Other students	Intermediate	Subsidiary	1st Year Honours	Honours	Post-graduate Diploma or	Certificate Other students	Intermediate	Subsidiary	[sni4]	1st Year Honours	Honours	Post-graduate  To smolqid	Certificate Other students	
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(b) Latin 30 23 3	4	1		28	.22.	ω.	-			10+3*	15	3	3	<del></del>	· 	-	28
Economics 35 7	6 1		<u></u>	-	32		<del>.</del>	· 		. 1	30	,		<del></del>	<u> </u>	1	
Education 7 2		38		ļ	7 2		-	38		1	9	<b>-</b>	-		37	-	,
Art and Crafts 3 — —	1	8	113	7	-		1	· 		Η.	-{	1				1	
28 57 22	113 10	1	T	25	56= 19	=	10	<u> </u>		20	44	18	6	10	<u> </u>	1	
35 36 9	12 5			31	.34 6	2 10	4	<u> </u>		17+6*	24	3	00	4	· 	1	
Geography and Anthropology — 40 3	3 14 4	I	I	·	36 3		4	<u> </u>		. [	28		7	4	1		
German 21 12 12	-2-	I	T	12	<del>-</del>	-0-	3	<u> </u>	1	6	10			3		-	
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STATISTICS OF COLLEGE DEPARTMENTS—continued	OFC	OLL	EGE 1	DEPAR	TMENT	S-conti	inned													
History	:	:	18 42	14 11	3		15	4214*	∞ .	9 3			=	*4+9	32	9		3	-	1
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Philosophy	:	:	32 21		3†		30	21						26	20			3	1	
Welsh	:	:	10 20	11 6	2	1	7	20	11+1**	- 4			<del></del>	2	17	8		2	1	
Welsh History		:	17	5	1		15	1	4	-		Ì		9	1	3	1.		-	
Botany	:	:	50 34	15 4	2+2‡ 1	-	39	32	12	4 2+	-2 1	I		33	27	11	4-	2+2	<del></del>	
Chemistry	:	:	41 28	16	4		36	26	-15	4	-			18	22			4		
Geology		:	14 5	4	1	,T	14	5	2	-				12	ıÇ	2	.	-	1	
Mathematics			- 11	1	1	† 		-		-					∞			.	-	-
Do. Applied	:	:	3 27	4	3		3	26	4	4 3			=	+ %1	19	3	3	3	1	1
Do. Pure	:	:	16 27	12 4	3	 	15	24	12	4 3			Ī	11+1*	20	111	4	3	1	
Physics	:	:	27 40	6 10	3	3	21	39	6 10	0 3	1	I	3	14	22	9	10	7		
Radio			— 16			9		16	1				9		12				-	
Zoology	:	:	36 34	∞	2	 	30	27		8				21	16	1	∞	7		
Law	:	:	_ 12	18 —	-	1		10	17			1	1	-	6	16			1	Ī
Music	:	:	7 7	<u> </u>	3	2 101	7	7	9			=	=	9	9	9		2	T	1
				#Gra **Stu †Incl	**The Statistics relating to the Agricultural stranted pass at Intermediate Stage on re**Students who took examination externally Including one English with Philosophy Agricultural Botany.	stics relating to ass at Interme who took exam one English al Botany.	g to the A srmediate kaminatio ish with	e Agricultural tre Stage on r tion externally	¶The Statistics relating to the Agricultural Department will be found in the respective departmental reports.  *Granted pass at Intermediate Stage on result of Subsidiary Examination.  *Students who took examination externally.  Including one English with Philosophy.	artm	ent w Subsic	ili be fi liary I	ound	in the reination.	spectiv	e deba	rtme	ıtal r	eport	· s
						•														

## III. AWARDS HELD

1. Entrance Scholarships and Exhibitions were awarded as follows:-	_
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	(a	) Open Scholarship	S
Award	Value	Name of Student	School Attended
Thomas Davies	£50	Jones, Evan William	Ardwyn County, Aber-
			ystwyth
Price Davies	3 <b>5</b>	Richards, Richard	Boys' County, Llanelly
D: D:	0.5	Thomas Dennis	0 ( 11 ( 0 11 (
Price Davies	35	§John, Subina	Cyfarthfa Castle Secon- dary, Merthyr Tydfil
Pritchard	30	Roberts, Robert	Grove Park County, Wrex-
			ham
Dr. David Thomas	25	Pinsent, Brian Roy	Ardwyn County, Aber-
		West	ystwyth
Sir Alfred Jones	25	Lloyd, Marion Cein- wedd Mary	Canton High School for Girls, Cardiff
Commercial	20	Jones, Margaret	Llanidloes County
Travellers		Elizabeth Glenys	-
	/7.\	C C	
Desid Mosses	(b)	CLOSED SCHOLARSHIP	
David Morgan Thomas of Cater-	£25	Owen, Meurig Wynn	Fishguard County
ham			
Sir Alfred Jones	25	Lewis, Audrey	Girls' County, Carmarthen
Edward Jones		Humphreys, Leslie	Ardwyn County, Aber-
Edward Jones	20	Hubert	ystwyth
Elizabeth Davies	20	§Williams, Irfon	Ardwyn County, Aber-
(Brynteifi)		Rhys	ystwyth
	, , ,	170 1711	

## 2. Other Scholarships and Exhibitions were held by the following:-

(a) Renewed	FOR A SECOND YEAR
Award	Value Name of Student
David Davies	£40 King, Mauvis Claire
Price Davies	35 Brennan, John Gerald
Price Davies	35 Jones, Percy Owen
Keeling Entrance	30 Williams, David William
Sir Alfred Jones	25 Evans, David Matthew
Rendel Memorial	25 **Griffiths, Gwilym Parry
Commercial Travellers	· 20 Murray, William Lyn
Mold Eisteddfod	15 Lewis, Joan Olivia M.
Robert Bryan Music	35 *Evans, Meurig
Sir Alfred Jones	25 Griffiths, Lewis John
Elizabeth Davies (Brynteifi)	20 Adams, Julia Margaret H.
(b) Proveyor	D FOR A THIRD YEAR
	D FOR A THIRD YEAR
David Davies	
Price Davies	

Rendel Memorial Williams, John 35 Sir Alfred Jones 25 Morgan, Rowland Ll. Commercial Travellers 20 James, Randal R. Sir Alfred Jones ... 25 Davies, John Lloyd Jones, Olwen Mair Perrott Exhibition 10 Humphreys-Owen Memorial 20 Jones, Myrfin

<sup>§</sup>Award held over owing to absence on National Service. \*Award held for 1 term only.

<sup>\*\*</sup>Award held for 2 terms only.

(c) AWARDS FOR ONE YEAR

Tom Jones Scholarship in Surgery .. £25 Morgan, Margaret I.
Mynyddog Scholarship .. 20 Thomas, Elizabeth Ann
Cynddelw Welsh Scholarship .. 21 Williams, Joan

## IV. INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary. F.—Final. H.1.—1st Year Honours. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1942

Faculty of Arts

Davies, Elen Anita I. Latin French Translation Certificate Davies, Margaret May I. Latin

Davies, Margaret May Davies, Mary Rhiannon Evans, Drusilla Clee Evans, Morfydd Rita Jones, Beryl I. Latin I. French

I. History, I. English, I. Welsh,

S. German Jones, Haydn Davies I. French

Jones, Kenneth Mansel Jenkins I. French I. English, I. History

Jones, Mair Eifiona Jones, Ruth Ellen Alice I. Latin
I. Latin
I. Latin Rees, Gwilym John Mitchell Reeves, Kitty Nicholas

Simon, Gwenfair I. English, I. Welsh, S. Music

Thomas, Elizabeth Ann Williams, Eirlys Watcyn I. German S. English Williams, Nancy Lee Dorothy I. German

> Faculty of Music I. German

Thomas, Laura .

Faculty of Science

Benton, William Geoffrey I. Pure Maths. Morgan, Nest I. Botany

Morris, Robert I. Pure Mathematics

Faculty of Science (Pre-Medical)

Williams, Gwilym Rhys

I. Botany

Faculty of Rural Science

Evans, Thomas Arthur
Palmer, Christine Mary
Thomas, David Gwynfor
Webley, Derrick Pritchard

I. Zoology
I. Chemistry
I. Chemistry
S. Agriculture

(b) June, 1943

Absalom, Margaret Olivia Bridget S. English, S. French, F. German Allen, Mary Newton J. English, I. Philosophy S. English, S. French S. English, S. French S. English, S. French S. English, S. French S. English, S. French S. English, S. French S. English, S. French S. English, S. En S. English, S. French, S. Philosophy,

Atkinson, Katherine Rosemary S. English, S. History, S. Economics Avery, Olwen Eilonwy H.1. French, H.1. History

Bevan, Hugh Keith Buckland, Dorothy Priscilla Carter, Harold

Christopher, Margaret Joan

Davies, Barbara Collin Davies, Caradog Islwyn

Davies, David Hywel Davies, David Jacob

Davies, Dorothea Maude

Davies, Dorothy Ray Gurnosa Davies, Emlyn Olivia

Davies, Enid Davies, Gwenda Jervis

Davies, Hannah Enid Margaret

Davies, Jean Ethelwyn

Davies, John Davies, John David Wyn

Davies, John Morgan Davies, John Raymond McIntosh

Davies, Mair Jeffreys

Davies, Margaret Fay Davies, Margaret May Davies, Mari Ann Thomson Davies, Mary Rhiannon Davies, Meurig Ceredig Davies, Nansi Angharad Davies, Nesta Morfydd Davies, Rachel Mary

Davies, Roberta Gwendoline Mary Davies, Thomas James

Edwards, Mary Elizabeth Egrot, Robert James Georges Elliott, Joyce Evans, Drusilla Clee

Evans, Elizabeth

Evans, Elizabeth Millicent Evans, Elizabeth Sarah Evans, Morfydd Rita

Evans, Nana Rowena (External) Evans, Richard Edward Hughes Evans, Ronwen

Evans, William Dyfrig

F. Jurisprudence

H. English with Philosophy, II (2)
I. French, S. English, S. History, S. Geography

I. Philosophy, S. English, S. French, S. Geography

I. English

I. Philosophy, S. Latin, S. English, S. Welsh

French

S. Philosophy, S. Education, S. Economics, S. Jurisprudence I. English, S. Music, S. German,

I. Philosophy

I. Philosophy, S. English, S. History I. Geology, I. Music, S. History, S. Geography

H. English, III

S. English, S. French, S. History, I. Philosophy

I. English, S. Latin, S. Philosophy, S. Music

I. German, S. English, S. French, I. History

S. English, S. History, S. Philosophy
I. Latin, I. Pure Mathematics,
S. Welsh, S. Geography
S. French, S. Economics, S. Geography
I. History, S. Latin, S. English,

S. Philosophy
I. English, I. French, I. History, I. Philosophy

H. History, II (1) H. History, II (1) S. Music

F. French, H.1. Welsh

S. Economics, H.1. Welsh, F. Philosophy

H. English, II (2)

I. Greek, F. Latin, H.1. English I. Latin, S. English, S. Welsh, S. Philosophy

F. English, F. French

S. Jurisprudence, H.1. Welsh, H.1. Philosophy

F. English, H.1. History

S. History, S. Philosophy H. English, II (1)

F. English, H.1. Music S. French, S. Education, S. Geography,

F. English I. English

F. English, H.1. Welsh

S. English, F. Geography, H.1. History

S. English, S. History, S. Economics .

F. Philosophy S. French, S. Economics, S. Geography, F. English

S. Greek, S. Latin, I. Philosophy

Finch, Ronald George Forty, Valerie Gall Foulkes, David Llewhelin

George, Denise Mary Jane George, Yvonne Suzanne

Gordon Jones, Mary Gordon Jones, Pauline Griffiths, Enid Griffiths, Mair Griffiths, Megan Gwilym, Haf Hallesy, Henry Francis Harrett, Margaret Olga Harris, Elizabeth Gwenllian

Hart, Joan Mary Horton, Nesta Mary Humphrey

Hughes, David Phillips

Hughes, Elizabeth Beryl

Hughes, Iona Vivien Hughes, Mair Eluned Hughes, Margaret Mair Adela Hughes, Mary Hughes, Megan Humphreys, Hubert Leslie James, Randal Reginald Jenkins, Dorothy Ilene Jenkins, Elinor Jenkins, Mair Johnson, Joan Margaret Jones, Anne Dorothy Wynne Jones, Arthur

Jones, Barbara Eleanor Jones, Beryl Jones, Betty Ferrer Jones, Elizabeth Alice Eirwen Jones, EurwenJones, Felicia Margaret

Jones, Glenys Mair Jones, Glyn Brace Jones, Hannah Ellen

Jones, Joyce Portman Jones, Kathleen Jones, Luned Mary Jones, Mair Jones, Margaret Elizabeth Glennys Jones, Meiriona Jones, Nancy Winifred Jones, Olwen Mair

I. Greek, I. Latin, S. French, S. German

I. German, H. English, II (2) S. International Law, F. English Law, H.1. Economics

H.1. English, H.1. French

I. Philosophy, S. English, S. French, S. German

H. German, II (1)

F. Music, H. German, II (1)

S. English, H.1. German I. Latin, I. English, I. French, I. German I. French, S. History, S. Economics

H. English, II (1) S. English, S. French, S. Philosophy

H.1. Ğerman

I. Latin, S. English, S. French, S. German

S. German, H.1. Welsh, H.1. Music I. Philosophy, F. English,

H.1. Geography

I. Greek, S. Latin, S. Welsh, S. Philosophy

French, I. Philosophy, I. Music, S. German

S. Latin, S. English, S. Philosophy S. English, S. Economics I. English, I. French, I. History I. French, S. Latin, S. Music

H. History, S. Eathi, S. Music
H. History, S. Economics, S. Geography
H. French, II (1)
I. Philosophy, I. History, S. Economics
I. English, I. Welsh, I. Philosophy
F. Economics, F. English, H.1. History
L. Economics, F. English, J. History I. English, I. French, S. Philosophy Elem. Greek, S. Philosophy,

S. Economics

I. Greek, F. Latin, H.1. French

S. Economics, S. Welsh, H.1. German I. English, I. French I. English

H. English, II (2) S. History, S. Economics,

H.1. Philosophy

I. Philosophy, F. History, H.1. English
I. Latin, I. French, S. History,
S. Geography

I. Philosophy, F. Economics

I. History H. Welsh, II (2)

H. French, II (2), and Oral Certificate

H. Music, III

S. Economics, S. English, S. French, S. History

I. French, I. English, S. History

I. French, I. Latin, I. English, S. Welsh

H. English, II (2)

# Kendall, Reginald James

Kent, Isabel Sylvia King, Mauvis Claire Knapp, Rachel Lawson, Brenda Mary

Lewis, Alban Elvet Lewis, Audrey

Lewis, Joan Olivia Margaret Lewis, John Stanley Gerallt, B.A. Lewis, Mari

Lewis, Mona Doreen Lewis, Nellie Jane

Lougher, Cecil Nest Louks, Beryl Brenda Mason, John Myrddyn Mears, John Cledan Morgan, Anne Margaret

Morgan, Eluned Morgan, Heulwen Mills

Morgan, Joan Morgan, Linda Martha Nancy Lewis Morgan, Mari Averina

Morris, John Gwynfryn

Morris, Megan Irene

Naish, Lily

Nicholas, Nesta Non

Noakes, George Norwood, Edith Mary Valmai

Owen, Meurig Wynn Parker, Joan Parry, Leonard

Phillips, Evan Arthur Byron Phillips, Margaret

Phillips, Margaret Eluned Bateman Poole, Charles Keith Prosser Evans, Elizabeth

Prosser Evans, Joan Mary Prothero, David Kempton Curtis Prothero, Ralph Mansell Pugh, David Rosslyn Powell

S. History, S. Philosophy, S. Economics, French Translation Certificate

I. Latin, I. English, I. French, I. History

H.1. Latin, H.1. French I. English, S. History

I. German, S. Latin, S. English, S. French

S. Economics

S. English, S. French, S. History, I. Philosophy I. Philosophy, F. English, H.1. German

S. Philosophy

I. Philosophy, S. English, S. Welsh, I. History

I. German, F. English, H.1. Geography I. Philosophy, S. English, S. Welsh, S. History

H. French, I, and Oral Certificate

F. History, F. Education, F. Economics F. English

H. Philosophy, II (1) I. Latin, S. French, S. English, S. History

H. Geography, II (2) I. Philosophy, S. English, S. Welsh, S. History

S. Greek, H. Latin, II (2)

S. Greek, H.1. Latin, H.1. French

I. German, S. English, S. Welsh, S. Geography

I. French, I. History, S. English, S. Geography

S. Economics, F. History, H.1. Geography

Elem. Greek, S. Latin, S. English, S. Philosophy

I. Latin, S. English, S. French, S. History

S. Philosophy

I. Art, S. English, I. History,

S. Philosophy
S. English, S. Welsh, S. Philosophy
I. Philosophy, H.1. French, H.1. English
S. History, S. Economics,

S. Geography
F. Economics, H.1. English S. Latin, I. English, S. Welsh,

S. Philosophy H. English, II (2)

S. French, S. German

English, I. French, I. German, Philosophy

H. Philosophy, II (1)

S. Latin, S. English, S. Education S. English, S. History, S. Geography S. Latin, S. English, S. History,

S. Philosophy

#### Pugh, Eirwen Evans

Pugh, Hilda Margaret Reddin, Eileen May Redding, Bernard John Burgess Rees, Gwendolyn Annie Rees, Gwilym John Mitchell Rees, Olwen Marjorie

Reeves, Kitty Nicholas Reidy, Margaret Richards, Joan Richards, Noeline Roberts, Pamela Frances Roughton, Grace Amelia

Simon, Gwenfair

# Sivell, Mary Eileen

Smith, Alison Jean Walker Stacey, Betty Ivene Stone, Peter Szaszova, Blanka Thomas, Beryl Elizabeth Thomas, Catherine Mary
Thomas, Cicely Mary Delma Thomas, Cyrus Glyndwr

Thomas, Elizabeth Ann Thomas, Elizabeth Gwendoline Thomas, Frances Anne

Thomas, Gwladys Rhonwen Thomas, Hilda Elizabeth

Thomas, Laura

Thomas, Mair Thomas, Margaret Harriet Anne Thomas, Marjorie

Thomas, Richard Donald

# Thomas, Sarah Mary

Thomas, William Vernon Elias Tuck, Olwyn Mary Winifred

Vitebsky, Bernard Zolman Walker, Ronald Francis

Walters, Joyce Watkin, Philip John Williams, Arthur Griffith

Williams, Betty Williams, Daniel Emrys Williams, Eirlys Watcyn Williams, Elizabeth Megan Williams, Emlyn James Thomas Williams, Gwendon Williams. Joan

I. Philosophy, S. English, I. French, S. German

F. History, H.1. English S. Latin, S. French, S. History, S. Music S. Education, F. English, H.1. French

I. English, I. French, I. History F. Geography, H.1. History

I. English, S. French, S. History, S. Geography

F. English, F. Geography F. English, H.1. German I. English, I. Philosophy I. Greek, F. History, H.1. Latin

H. German, II (1)

F. Economics, H.1. Geography I. German, S. English, S. Welsh,

F. Music I. French, S. English, S. Welsh, S. History

F. Economics
H. Geography, III
S. English, S. History, S. Geography
S. English, S. French, H.1. German
I. French, I. Geology (Aegrotat)

H. French, III I. English, S. History, S. Geography H.1. Philosophy, H.1. Welsh

H. Music, II (1)

H. English, II (1)

German, S. Latin, S. English, S. French

S. Economics, F. English, F. History I. German, H.1. English I. Welsh, S. Music S. Welsh, S. French, S. History

H.1. English, H.1. French

H. English, II (2)

I. Philosophy, I. Latin, S. English, I. French

I. Philosophy, I. English, S. Welsh, I. History

I. English, I. French, I. German I. English, I. French, I. Music,

S. German

F. Music

I. French, S. Latin, S. English,

S. History H.1. French, H.1. German

H. Economics, II (1)

I. Latin, S. English, S. French, S. German

H. Geography, II (2)I. Philosophy, S. Welsh, I. HistoryS. Economics, F. English, H.1. History

F. Latin, H.1. History F. English, H.1. Geography, H.1. Music

F. Geography H. Welsh, I

Williams, Margaret Judith Williams, Matty Williams. Menai Williams, Robert Wilson, George Wood, Peter Denis

I. English, I. Welsh, I. Music H.1. English, H.1. Welsh S. Economics, H.1. Welsh, F. History I. Geology

S. History, S. Economics, S. Geography

Adams, Julia Margaret Hannah Ader, Jiri

Bowen, Hannah Brennan, John Gerald

Bryant, Betty Clarke, Kenneth Searle

Crook, William Charles David Dale, Peter

Davies, David Maldwyn Davies, Mair Eluned Ardwyna B.Sc. Davies, Marianne Davies, Mary Euronwy Davies, Rhys Glyn Davies, Terwyn Owen Dooley, Harry Edwards, Audrey Elizabeth

Edwards, Desmond Lloyd Evans, David Matthew Evans, Gwilym Owen Evans, Leslie Evans, Megan Reece Evans, Rowland Arthen Evans, Thomas Enoch Pryderi

Evans, Wynne Humphreys

George, Thomas Emlyn

Green, Stella Mary Veronica Griffiths, Lewis John Griffiths, Margaret Elizabeth Hadler, Joan Adeline Powell Harlow, Margaret Harries, Wynford Lewis

Helliwell, Edith Hill, Vernon James Holmes, Lizzie Muriel Hopwood, Kenneth Raymond

Hughes, Annie Elizabeth Jackson, Kenneth Caton James, Arthur Wynne James, Dennis Bryan

Faculty of Science
nah H.1. Zoology, H.1. Botany
S. Pure Mathematics, S. Chemistry, S. Physics

I. Chemistry, S. Botany, S. Zoology H.1. Pure Mathematics, H.1. Applied Mathematics

F. Physics, H.1. Chemistry
S. Pure Mathematics, S. Applied
Mathematics, S. Physics, S. Radio
S. Geology, H.1. Botany

I. Pure Mathematics, S. Chemistry, S. Physics

F. Pure Mathematics H. Zoology, II (1)

S. Mathematics, I. Physics I. Geology, S. Botany, S. Zoology

H.1. Geology I. Pure Mathematics, I. Chemistry

I. Physics, S. Radio S. Pure Mathematics, S. Applied

Mathematics, S. Chemistry
I. Zoology, S. Geology, S. Geography
F. Pure Mathematics, H.1. Physics

F. Pure Mathematics, H.I. Physics
S. Chemistry, S. Zoology, S. Geology
F. Physics, F. Chemistry
I. Botany, I. Zoology
H.1. Zoology, H.1. Chemistry
S. Pure Mathematics, S. Applied
Mathematics, S. Physics, S. Radio F. Pure Mathematics, H.1. Physics,

Adv. Radio S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio S. Economics, S. Botany, F. Chemistry F. Pure Mathematics, H.1. Physics I. Botany, S. Zoology, S. Geography I. Pure Mathematics, I. Physics

S. Botany, S. Geology, S. Geography

H.1. Pure Mathematics, H.1. Physics, Adv. Radio

S. Mathematics, I. Physics

H. Chemistry, II (2) S. Zoology, S. Geography, H.1. Botany F. Pure Mathematics, H.1. Physics, Adv. Radio

H.1. Botany, H.1. Zoology

I. Physics

I. Pure Mathematics

S. Mathematics, S. Physics, S. Radio

James, Gwyneth Martha Jenkins, Eric Neil Jenkins, Glenys Whittington Jenkins, Ivor Lloyd John, Catherine Helen John, Margaret Bowen Jones, Arvon Wynne Iones, Barbara Marie Jones, David Alwyn

Jones, David Daniel Jones, Edgar William Jones, Edward George Howel Jones, Elgar Jones, Evan William Iones, Glenice Lilian Jones, Handel William Hugh Jones, Ifan Edmund Jones, Jean Megan

Jones, Margaret Jones, Nia Jones, Percy Owen Jones, Peter Howell

Jones, Thomas Aneurin Rees Jones, Thomas Emrys Owen

Jones, Winifred Judd, Mary King-Beer, Michael

King-Davies, Alun Trefor Lawson, Betty

Lawson, Margaret Patricia

Lewis, Robert Edward Lloyd, Marion Ceinwedd Mary Mackenzie, Donald Keith Maddern, Joseph Thomas Marsden, Sarah Eunice Mason, David Rhys McChesney, Glyn Melrose Miller, Iris Mary

Morgan, Arthur Rowland

Morgan, Dylys Llewela

Morgan, Megan Morgan, Nest Morgan, Rowland Lloyd Morgan, William Vivian Morris, David Alwyn

Murray, William Lyn

F. Botany

H. Chemistry, I. I. Botany, I. Zoology, I. Geology I. Chemistry, I. Botany, I. Geology I. Botany, I. Zoology

H. Geography, I

I. Chemistry, I. Physics I. Chemistry, S. Botany, I. Zoology Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

H. Physics, II (1)

S. Mathematics, S. Physics, S. Radio S. Mathematics, I. Physics, S. Radio I. Geology, I. Physics, S. Geography S. Chemistry, S. Botany, S. Zoology H.1. Zoology, H.1. Botany

S. Pure Mathematics

Granted a Pass degree Pure Mathematics, S. Applied Mathematics, S. Chemistry

S. Botany, S. Zoology

I. Botany

H.1. Botany, H.1. Chemistry S. Pure Mathematics, I. Applied Mathematics, I. Physics

I. Pure Mathematics, I. Physics

I. Pure Mathematics, S. Čhemistry, S. Physics

F. Physics, H.1. Chemistry

S. Chemistry

I. Pure Mathematics, I. Botany, I. Geology

S. Botany, I. Zoology, S. Geography H.1. Pure Mathematics, Adv. Radio, H.1. Physics

H.1. Pure Mathematics, H.1. Applied Mathematics, Adv. Radio

S. Mathematics, S. Physics, S. Radio S. Botany, S. Zoology, S. Geography S. Mathematics, S. Physics, S. Radio I. Chemistry, S. Botany

S. Pure Mathematics S. Pure Mathematics

I. Chemistry, I. Physics

H.1. Pure Mathematics, Adv. Radio, H.1. Physics

Pure Mathematics, I. Chemistry, I. Physics

H.1. Pure Mathematics, H.1. Applied Mathematics

S. Applied Mathematics

S. Botany, S. Zoology

H. Physics, I

F. Physics I. Pure Mathematics, S. Chemistry, S. Physics

F. Pure Mathematics, H.1. Physics

O'Connor, Bridget Agnes Owen, Robert Wynne Peters, Denzil Burleigh Phillips, Mary Megan Pinsent, Brian Roy West

Powell, Henry Thomas Powell, Merfyn James Richards, Doreen Richards, Elizabeth Richards, Patricia Mary

Roberts, Doreen Elizabeth

Roberts, Joan Mary Wynne

Roberts, Mair Waldo Roberts, Phyllis Roberts, Robert

Rogers, Peter Oliver Rumsey, William John

Samuel, Gwilym David

Slater, Florence Nellie Smiley, Patrick Hay Stock, Irene Mary Thomas, Kathleen Elizabeth Thomas, Rachel Eirdlws Thomas, Thelma Thomas, William James Orville (External) Treharne, Gwynneth Walters, Trevor Salmon

Weale, John Walter Weale, Kenneth Edward Wilkinson, Ernest Malcolm

Williams, Alwyn Williams, David Gerald

Williams, David William Williams, Doris Evelyn Williams, Elizabeth Olwen Williams, Griffith Oswald Richard Williams, Gwilym Rhys Williams, Gwyneth Catherine Williams, Joan Mary Williams, Joan Olive Williams, John Williams, Rosamond Williams, Windsor Wood, Lilian Frances Penelope Wyatt, Peter Arthur Harris

S. Economics, H.1. Botany, F. Zoology H.1. Botany, H.1. Zoology H. Chemistry, II (2) H. Pure and Applied Mathematics, II (1)

S. Pure Mathematics, S. Chemistry, S. Physics

I. Botany, I. Zoology

H. Pure and Applied Mathematics, IH. Botany, II (1)S. Botany, I. Zoology

S. Education, F. Economics

Richards, Richard Thomas Dennis S. Pure Mathematics, S. Applied Mathematics, S. Physics

Pure Mathematics, S. Geology, S. Geography
I. Physics, S. Pure Mathematics,

I. Applied Mathematics

I. Botany, I. Zoology, I. Geology H.1. Zoology, H.1. Botany S. Pure Mathematics, S. Chemistry, S. Physics

S. Mathematics, S. Physics, S. Radio S. Pure Mathematics, S. Applied Mathematics, S. Physics

I. Pure Mathematics, I. Mathematics, I. Physics Applied

S. Botany, S. Zoology, S. Geography

F. Physics I. Physics, I. Chemistry, I. Botany

I. Chemistry, S. Botany, S. Zoology I. Zoology

S. Botany, S. Zoology, S. Geography H.1. Chemistry

F. Botany, H.1. Zoology S. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Physics, S. Radio F. Physics, H.1. Chemistry

S. Pure Mathematics, S. Chemistry, S. Physics

H. Geology, I.

S. Pure Mathematics, S. Applied Mathematics, S. Physics

H.1. Pure Mathematics, H.1. Physics

I. Botany, I. Zoology F. Geology, H.1. Geography H. Chemistry, II (1)

S. Botany H. Zoology, II (1)

F. Pure Mathematics

S. Zoology, F. Pure Mathematics H. Pure and Applied Mathematics, I

H. Botany, II (2) F. Physics, H.1. Chemistry

S. Botany, S. Zoology, S. Geography S. Chemistry, S. Physics, S. Botany

Faculty of Science (Pre-Medical and Pre-Pharmacy)

Burrell, Elizabeth Dorothy Davies, Gareth Lewis Hughes, Elwyn Trefor

James, Jacqueline Anna Jenkins, Thomas Gwynfor

Thomas, Anita Joyce

Williams, Helen Williams, Humphrey Davies Williams, Margaret Hannah Mattie

I. Botany, I. Zoology, S. Chemistry
I. Botany, I. Chemistry, I. Physics
I. Botany, I. Chemistry, I. Physics,

I. Zoology

I. Zoology

I. Botany, I. Chemistry, I. Physics, I. Zoology
I. Botany, I. Chemistry, I. Physics,

I. Zoology

I. Botany, I. Chemistry I. Botany, I. Zoology

I. Botany

Faculty of Rural Science

Anthony, Kenneth Reginald Michael Ashby, Andrew Wilfred

Barling, David Mansel Beynon, Victor Howel

David, John Anthony Griffiths Davies, Glenys Rhiannon Davies, John Mervyn Davies, Thomas Harris Davies, William Ellis

Degorska, Lucia Edwards, Lynn

Evans, Thomas Arthur

Fidler, Douglas Nigel

Fitzpatrick, Margaret

Galliver, George Bruce

Grenfell, Enid

Gwynne, David Clifford

James, John Dyer

James, Sidney Jones, Thomas Griffiths Jones, Trevor Jones, William Dyfri

Kowal, Jan Marion Leopold Lewis, Patricia

S. Agricultural Botany, F. Botany, F. Agriculture

S. Economics, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

I. Chemistry, I. Botany, I. Zoology S. Agricultural Zoology, F. Agriculture, H.1. Economics with Agricultural Economics

I. Botany

I. Botany, I. Zoology, I. Geology I. Physics, I. Botany, S. Chemistry

H. Agricultural Botany, II (1)

S. Agricultural Botany, S. Agricultural Zoology, H.1. Botany, F. Agriculture H. Agricultural Botany, II (1)

I. Chemistry, S. Botany, S. Agriculture,

S. Agricultural Botany

S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Chemistry, S. Agricultural .

S. Economics, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

S. Chemistry, S. Agriculture, S. Agricultural Chemistry

S. Agricultural Botany, H.1. Botany, F. Agriculture

S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Chemistry, S. Agriculture, S. Agricultural Chemistry

S. Agricultural Botany, F. Botany

I. Botany, I. Geology
I. Botany, I. Zoology
S. Agriculture, S. Agricultural
Chemistry, S. Agricultural Botany, S. Economics
I. Chemistry, I. Physics, I. Botany
S. Botany, S. Zoology

Owen, George Gordon Palmer, Christine Mary

Pinner, Robert Hans

Price, Owen Thomas William Rawson, John Edwy Rees, William Ronald

Scougal, John Seal, Annie Bernice

Thomas, David Gwynfor

Thomas, Henry Arthur

Thomas, Mary Devonald

Wade, David William Howard

Webley, Derrick Pritchard Williams, Gordon

Williams, Gwynn Lloyd Williams, Thomas Granville

I. Chemistry, I. Botany, I. Zoology S. Botany, S. Agriculture, S. Agri-cultural Chemistry

I. Chemistry, I. Physics, I. Botany, I. Zoology

I. Chemistry, I. Botany, I. Zoology I. Botany, I. Zoology

I. Botany, S. Chemistry, S. Agriculture, S. Agricultural Chemistry

I. Botany

S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Agricultural Botany, F. Agriculture, H.1. Chemistry with Agricultural Chemistry

S. Zoology, S. Agriculture, S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Chemistry

S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Chemistry

I. Chemistry, I. Botany, I. Zoology

I. Botany, I. Zoology

Faculty of Law (Old Regulations) Part II

Hughes, David Emrys Cwyfan Iones, Gwyneth Margaret Roberts

Rees, Lucy Gaynor

Part II Part II Common Law, Part II Conveyancing and Equity

# Faculty of Law (New Regulations)

Bird, Graham Spencer Part II Daniels, Douglas Gattie Davies, David Levric Davies, Geraint Ceredig Part II Part I Part I Griffiths, David Wynmor Lewis Part I Griffiths, Gwilym Parry Part II Griffiths, Raymond Hooson, Hugh Emlyn Part II Part I Hughes, Gwladys Margaret Vivian Part II Jefferies, Michael Clifford Jenkins, Sarah Margaret Hamer Part II Part II Jones, David Evan Alun Part I Jones, Donald Roberts Part I Part I Jones, John Humphrey Jones, Leighton Griffith Part I Matthews, Owen Lloyd Part II Rees, Dorothy Vereen Part I Roberts, George Austin Thomas, David Ian Part II Part II Thomas, John Dudley Part II Watkins, William Rutter Part II Williams, Anne Brenda Part II Faculty of Music

Griffiths, William John, B.A. S. History of Music

Morgan, Valerie Nan I. Theory of Music, I. History of Music, I. Acoustics, I. English

I. Theory of Music, I. History of Music, Thomas, Gerwyn Lynn I. Acoustics, I. Latin

#### V. HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff:

Degree of M.A.

Department

Nefydd Hughes Cadfan, B.A. Welsh

David Thomas Vincent Leadbeater, English Margaret Davies, B.A. English Gwyn Ivor Thomas, B.A. Economics

Degree of M.Sc. John Richard Griffiths, B.Sc. Agricultural Chemistry Mary Ann Richards, B.Sc. Geography David Emlyn Edwards, B.Sc. Agricultural Botany

Degree of Ph.D. Maduravasal Srinivasan, B.A. Agricultural Economics (Madras), B.Sc. (Econ.) (Lond.)

Degree of D.Sc. William Richard Morgans, M.Sc. Applied Mathematics William James Rees, M.Sc. Zoology

# VI. EXAMINATIONS FOR DIPLOMAS AND CERTIFICATES, 1943

# University Diploma in Education

	Class ob Written	tained in
		Practical Skill
Benbow, Ellen Elizabeth Márgery, B.A. Budge, Sheila Mary Gladys, B.Sc.	. II	II
Clifford, Agnes Ann, B.A.	Ι	II
Davies, Helen Yorwerth, B.A.	II	II
Davies, Miriam, B.Sc. Evans, Joan Margaret, B.Sc.	II II	II
Evans, Thomas Leslie, B.A.	II	II
Francis, Gwyneth, B.Sc.	II	II
Hutton, Edward Harwood, B.A. (Manch.)	II	11
Howells, Morfydd Emily, B.A.	II	II
James, Gwendoline Mary, B.A.	II	II
James, Margaret Merlys, B.A. Jones, Clara, B.A.	II	II
Jones, Emlyn Walford Irwin Parry, B.A.	ΪΪ	II .
Jones, Margaret Dorothy, B.A.	II	II .
Jones, Margaret Jane, B.Sc.	II	II
Jones, Mair Meganwy, B.A.	II	I
Jones, Mary, B.A.	I	I

Jones, Mary Winifred, B.A.	II	II
Jones, Nansi Ceridwen, B.A.	II	11
Magor, Jennie Thomas, B.A.	II	II
Melhuish, Gwynith Georgina, B.A.	Ι	II
Morris, Margaret Bevan, B.A.	II .	II
Negus, Marjorie, B.Sc.	. II	II
Pothecary, Patricia, B.A.	I	I
Reynolds, Elizabeth Hywel, B.Sc.	II	. II
Roberts, Beryl Mai, B.A.	$\Pi$	II
Smith, Mary Young, B.Sc.	II	II
Thomas, Lily Muriel, B.Sc.	II	II
Thomas, Margaret Eliza, B.Sc.	II	II
Thomas, Olwen Enid, B.A.	II	H
Thomas, Phyllis Mary, B.A.	II .	II
Thomas, Rachel Ann, B.A.	II	II
Williams, Dorothy Margaret Hart, B.A.	' II	11
Williams, Sarah Betty, B.A.	. II	II
Wooloff, Mary Margaret, B.A.	II	II

# BOARD OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following student:—

# Bevan, Edith Ray Luscombe

# College Diploma in Music Jenkins, Nancy

#### College Diploma in Dairying

Bonnaud, John David
David, Thomas John Colwyn
Elsnerova, Jarmila
Grundy, Lucille May
Harris, Leslie Stephen
Jones, Margaret Mary Henllys

Jones, Mary Eluned Lewis, Elizabeth Alma Lewis, Sheelah Patricia -Owen, Margaret Jane Williams, Ivy Helen

#### COLLEGE CERTIFICATE IN DAIRYING

Evans, Harriet Mair

Morgan, Elizabeth

#### VII. DEPARTMENTAL REPORTS

#### CLASSICS

# Professor E. D. T. Jenkins

The students registered in the Department at the beginning of the Session were permitted, with few exceptions, to continue their studies undisturbed till June. Apart from Intermediate Latin, the standard of work reached during the year and the percentage of passes in the examinations may be deemed to be satisfactory. One must, however, note with regret that for the first time no student offered Greek at a grade higher than Subsidiary.

Once again University College, London, and ourselves collaborated as far as was possible, and we take this opportunity of thanking Professor H. E. Butler, Professor of Latin and Pro-Provost, who is now retiring, for

much valued help and co-operation during four wartime Sessions.

#### ECONOMICS AND POLITICAL SCIENCE

#### Professor R. B. Forrester

The record of the students in all sections was entirely satisfactory. In particular, the Final class of this year showed a high level of competence and would, in normal circumstances have led to a good Honours class next year. Mr. Philip Watkins was awarded Honours in the First Division of the Second Class and should develop very well.

As in previous years, we have been pleased to assist in the work of teaching students of University College, London. Five took our Subsidiary Course and one our Final Course. Mr. Gwyn Ivor Thomas, B.A., has been awarded the degree of M.A. for a Thesis dealing with the Economic

and Social development of Aberdare between 1800 and 1900.

Miss Joan Freeman has continued to carry out the courses in Economic History during the absence of Captain J. H. Morris on Active Service in

India.

A notable distinction has come to the Department in the appointment of Dr. Brinley Thomas to the Chair of Economics and Political Science in the University College of South Wales and Monmouthshire. Dr. Brinley Thomas was a student in the Economics Department under Dr. E. A. Lewis. I should like to convey our congratulations and good wishes to him on his promotion to this post.

#### **EDUCATION**

# Professor Idwal Jones

The work of the Department proceeded normally, but the experiment was tried of concentrating school practice during the Lent Term for students pursuing the professional course.

Examination results were very satisfactory, three students reaching

distinction standard.

The Department is grateful to the Principal for a lecture on the Luxmoore Report and the usual thanks must be expressed to Headmasters and Directors for according facilities to students in training and courtesies to members of staff.

The course in Biblical Studies was initiated during the Session for

students in the second year of their course.

It is with real regret that I record the departure of Miss B. M. Cox, Instructress in Physical Education, on her appointment to Goldsmiths College, London.

# Art and Crafts

# ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

Mr. Gapper reports:—

"The very satisfactory beginning made during the Michaelmas Term in all the classes did not yield the expected results at the end of the Session.

Mr. Henry Bird left before Christmas to work under the auspices of C.E.M.A. His place was taken by Mrs. Clark-Lowes, A.R.C.A., who, however, is relinquishing her appointment at the end of the Session.

During my unavoidable absence through illness, Miss Gwen Davies and Mrs. Clark-Lowes devoted much extra time to the demands of the Department and thus avoided a serious dislocation and for their co-operation I am extremely grateful.

Miss Rachel Phillips passed, with a high average mark in all subjects,

the Board of Education Drawing Examination on the result of which she was admitted to continue her studies at the Birmingham School of Art.

I am pleased to report that Mr. I. C. Baker, who left in 1941 for the Architectural Association School in London, has been awarded the Howard Travelling Studentship on the result of his first year work.

It is with much gratitude that we record the gift to the Department by the late Mrs. E. A. Lewis of her interesting collection of lace making materials This will form a basis for students who will wish to work in this medium.

# The Craft Gallery

CURATOR: MR. R. L. GAPPER

The Gallery was closed during the Session and its contents were carefully packed and removed for safe storage. Certain prints and paintings only remain in circulation.

The addition made during the Session is the Vol. XIX of the Wren

Society.

#### ENGLISH

# PROFESSOR GWYN JONES

The year's work has been unspectacular but on the whole satisfactory. We have to thank Dr. Elizabeth Sweeting, of University College, London, for undertaking the Middle English texts with the Honours Class.

#### Publications

Professor Gwyn Jones "Notes on the Welsh Short Story Writers", in Life and Letters To-day, Sept. 1942, pp. 172-80, and March, 1943, pp. 156-63.

#### FRENCH

#### Professor Andre Barbier

Many students seem to have found it difficult to concentrate on their studies; far too little personal reading was done, and too many students relied too much on lectures and classes. Those entering College after matriculation often came ill-prepared in the subject and the proportion of failures at the Intermediate examination was high. The Subsidiary students did much better than last year and some showed good promise. Several of the Final and first year Honours students were very disappointing. The second year Honours students worked assiduously and intelligently and the results on the whole were satisfactory

One who graduated last Session with First Class Honours in French was discharged from the Navy about Easter and came back to do reading

preliminary to research for the M.A. degree.

Following Dr. A. B. Thomas's resignation, the general courses in Phonetics had to be discontinued; but French Phonetics has been made an integral part of the degree course in the Department, starting at the Sub-

sidiary grade. This will be further developed next Session.

No successor to Dr. A. B. Thomas has been appointed; but Professor Idwal Jones has kindly permitted Dr. Hywela A. Saer to give more of her time than last Session to the Department of French. With her help, Dr. E. M. Phillips and myself have succeeded in carrying out, with inevitable retrenchments, but more or less normally, the essential University work.

# GEOGRAPHY AND ANTHROPOLOGY

ACTING HEAD OF THE DEPARTMENT: MR. WALLACE E. WHITEHOUSE

Professor Forde was again absent for the Session, but the return of Mr. Fogg allowed some separation of Aberystwyth classes from those of London in subjects in which a different treatment was considered to be desirable. In addition, it was possible to make certain overdue adjustments and improvements in the special work for First Year Honours students. Both the Subsidiary and Honours classes were slightly larger than those for last Session and the excellent work of Miss Pegi John, who gained First Class Honours, deserves special mention. Close co-operation was maintained with our London colleagues and the assistance of Professor Fawcett, Mr. Smailes and Dr. Chubb is gratefully acknowledged.

Mr. Challinor (Geology Department), added to his substantial gifts to the College Library by presenting this Department with a valuable col-

lection of mounted 18th and 19th century sheet maps.

Mr. Bowen again gave several courses of lectures on Meteorology to R.A.F. cadets, while Mrs. Whyte completed her Land Utilisation Survey of Breconshire. It has now been printed and is on issue. I continued my honorary National Fire Service Regional Staff work which was unexpectedly and generously recognised by a New Year Honours award.

#### GERMAN

#### Professor David Evans

In spite of some difficulties, chiefly in procuring text-books for all grades, the work of the Department has been unexpectedly successful. The number of entries for all grades has been maintained and the standard of work kept at a satisfactory level.

I am grateful to Dr. Bluemel and to Dr. Maurer (University College, London) and to some senior students in the Department for very valuable

help.

A loan of £20 from the Library Committee has made it possible for me to obtain a fair supply of the available text-books for Session 1943-4.

#### HISTORY

# PROFESSOR'R. F. TREHARNE

The demands of National Service left the Department with a Second Year Honours class consisting of three women, and took from the First Year Honours group all of the men except two, one of whom was called up during the Easter vacation: the Final class had only one man left at the end of the Session. Although students have, on the whole, worked with greater assiduity than in peace-time Sessions, the effects of the demands of the Senior Training Corps and University Air Squadron upon the time and energies of the remaining men students have been very clearly marked by a blunting of interest and unmistakable signs of overwork. The work of the Honours and Final classes, in these circumstances, has been of very creditable quality. At the Subsidiary stage, the inadequacy,—even the total absence, in some cases,—of preparation in Latin and French, of students who wish to obtain Honours in History has, as usual, been very marked. In the Intermediate class, the lowering of the age of admission has brought to College a large number of students who are totally unfit for University work, not only by reason of defective academic training, but also on account

of intellectual immaturity: it is very significant that, from an Intermediate

class of 16, only 6 passed the Sessional Examination.

On the staff side, I have to report the establishment of a system of informal individual tuition at the Intermediate stage, made possible by the engagement of Mrs. Treharne as temporary and part-time assistant. Her help has been a very welcome relief to the other members of the staff in the absence of Dr. Jones Parry. All members of the staff have been busy with lectures to H.M. Forces, and Mr. Herbert and Mr. Johnston are together responsible for the entire organisation of the work of the Regional Committee for Adult Education in H.M. Forces in this area. Further, Mr. Johnston and I have undertaken Extra-Mural Sessional classes in International Relations, the courses being given at Welshpool and Aberystwyth respectively.

# Publications:

Professor R. F. Treharne:

"The Significance of the Baronial Reform Movement, 1258-67," in Transactions of the Royal Historical Society, 4th Series, Vol. XXV. 1943.

# INTERNATIONAL POLITICS

PROFESSOR E. H. CARR

No students were registered for courses in the Department during the Session. The Professor delivered two public lectures in the Michaelmas and Easter terms. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments: Miss Morris has continued to act as Librarian.

#### PHILOSOPHY

#### Professor R. I. Aaron

The work of the students in the Department during the year was quite satisfactory, particularly when one bears in mind the distractions of these difficult days. Two people took Honours in Philosophy and one in English

with Philosophy.

This was the first time we worked the joint English with Philosophy Honours course and I think the opinion of both Departments is that it has proved a very successful venture. We feel that we have here begun the business of breaking down inter-departmental barriers and extreme overspecialisation which many competent observers believe to be the greatest defect of the modern university.

#### Publications

Professor R. I. Aaron:

I and Thou: Our Knowledge of One Another. The Dr. Williams Trust Lecture, Carmarthen, 1942, 24 pp.

Hume's Theory of Universals. Proc. Aristotelian Soc., 1941-2, pp. 117-140.

Intuitive Knowledge. Mind, Oct. 1942, pp. 297-318.

The Original Manuscripts of Herbert of Cherbury's Autobiography.

Collections Historical and Archaeological relating to Montgomeryshire, Vol. XLVII, Part II, pp. 138-141.

Mr. J. R. Jones

Cristnogaeth a Democratiaeth. Traethodydd, Ebrill, 1943, pp. 49-61.

#### WELSH

#### Professor T. H. Parry-Williams

On the whole, the work done in the Department and the results obtained were satisfactory. The Intermediate Class did not reach the usual standard of attainment. There was very promising material at the other stages, especially among the first year students who took the Subsidiary course. The First Year Honours class promised well.

#### Publications

PROFESSOR T. H. PARRY-WILLIAMS:

Lloffion (Llyfrau'r Clwb Cymreig), 1942.

"Natur ym Marddoniaeth Cymru," Trans. Cym. 1941 (pub. 1943).

Mr. D. GWENALLT JONES:

Cnoi Cil (Gwasg Aberystwyth), 1942.

"Ceiriog," Yr Athro, Mawrth, 1942, Ebrill-Mai, 1942, Mai-Mehefin,

'' Y Ddwy Ystorm,'' Yr Efrydydd, Gwanwyn, 1943.

Mr. Thomas Jones:

"Ystorya Erkwlf" (parhad), Bull. Bd. of Celtic Studies, xi., 21-30. Reviews: Brut Dingestow (H. Lewis), Baner ac Amserau Cymru, 21. iv. '43);
Orinda (R. T. Jenkins), Yr Efrydydd, Gwanwyn, 1943.

- MR. GARFIELD H. HUGHES:
  "Y Dwniaid," Trans. Cym. 1941 (pub. 1943).
  "Iaco ab Dewi," N.L.W. Journal, 1943.
  "Flores Poetarum," N.L.W. Journal, 1943.

#### WELSH HISTORY

#### Report by Professor R. F. Treharne

Once more the help of Mr. I. ab O. Edwards, given in circumstances of the greatest difficulty to himself, has enabled this characteristic and important side of the College's work in History to be carried on, and my very sincere thanks are due to Mr. Edwards for his help, and to Professor Idwal Jones for making that help possible. The Session's work included a Special Subject course for one candidate taking Honours in History, and the B.A. thesis written by Miss M. M. Davies in this course suggests that this candidate might profitably continue her researches on the gentry of Merioneth in the Tudor period.

#### BOTANY

#### Professor Lily Newton

Teaching has proceeded, with large classes, throughout the Session. In addition, all members of staff have been engaged on research work of national importance. Dr. Wilson has been investigating certain mycological aspects of linseed cultivation; Mr. Carter and Mr. Chater have undertaken sections of the survey and research work for which the College has been responsible to the Ministry of Supply. I have been appointed as Honorary Algologist to the Vegetable Drugs Committee of the Ministry of Supply, and have organised surveys and investigations concerning the production of Agar-Agar from British seaweeds. Honours students have been helping with some of the research, and Miss E. A. Lewis, M.Sc., has been loaned to the Department by the Governors of the Girls' County

School, Llanelly.

In addition, I have collected together the data on Water Pollution by lead and zinc mines, the complete copy having been destroyed during an air-raid in South Wales. This work has been carried on by the Departments of Chemistry, Zoology and Botany during the past 20 years, and a paper will shortly appear in the Annals of Applied Biology.

I wish to thank the many friends of the Department who have given books, plants and service of many kinds, during the Session. Their helpful

co-operation is very gratefully acknowledged.

#### CHEMISTRY

# PROFESSOR T. CAMPBELL JAMES

Staff.—Major Hudleston has been absent on military duty throughout the Session, and Major Gwynne Davies has continued in command of the Senior Training Corps in addition to carrying out his teaching work in the Department. Dr. K. Heller has continued to act as temporary assistant

and has done very good work.

Intermediate Class.—The large class of 41 students was of very varying calibre and preliminary preparation. The overcrowded state of the Edward Davies Laboratories, owing to the continued presence of the University College London Honours School has made the conduct of the practical classes difficult but many students who failed in the June examination should pass in the supplementary examination in September.

Subsidiary Class.—The work of this Class was generally good and the

examination results satisfactory.

Final Class.—This was a good keen class but the examination results

were disappointing, there being several unexpected failures.

Honours.—This Class consisted of 4 members who worked very steadily throughout the Session. Mr. E. N. Jenkins did excellent work and obtained First Class Honours, the other three being placed in the Second Class. Two of these men pass to techical commissions in the Army while the other two have been assigned to industrial posts.

I desire to acknowledge, with gratitude, the privilege granted to the Honours Class of attending the lectures of Professor Ingold, and the assistance of Dr. E. D. Hughes and Dr. Poole throughout the Session and during

the sessional examinations.

#### GEOLOGY

# PROFESSOR H. P. LEWIS

The standard maintained in the work of the Department was very satisfactory. In the Sessional Examinations only two students failed and these were of Intermediate grade. The candidate for Honours in Geology was placed in Class I. Two men left the Final class in the Easter term to take up national service. The field-class was held at Dolgelley in March. Sixteen students of University College, London, received instruction in the Department.

Gifts are gratefully acknowledged from Mr. J. Challinor (over 400 books and pamphlets), Dr. A. Morley Davies, Mr. J. F. Jackson, Dr. F. S. Wallis,

Professor W. F. Whittard and Mr. J. B. Willans.

# APPLIED MATHEMATICS

#### Mr. Thomas Lewis

Owing to the absence of Dr. C. E. Easthope on national service and the introduction of extra courses to meet the needs of Radio Bursars, the teaching work in the Department was exceptionally heavy this year. By arrangement with Professor Morton, Miss Dorothy Meyler gave part of her services to the Department, and I should like to thank her for a generous interpretation of the meaning of part-time.

The standard of the work during the Session was satisfactory on the whole, and is fairly reflected in the examination results. Two Honours

candidates were placed in Class I and a third in Class II, division 1.

A former student of the department, Mr. W. R. Morgans, M.Sc., was awarded the degree of D.Sc., for original work in meteorology and other branches of mathematical physics. The main work consisted of a discussion of the results of the British polar expedition, Fort Rae, 1932, of which he was the official meteorologist.

#### PURE MATHEMATICS

#### PROFESSOR V. C. MORTON

The work in the Department has been very satisfactory at all stages particularly in the Second Year Honours class where, of three candidates for Honours in Mathematics, two were awarded First Class and one Second Class, First Division.

In order to strengthen the courses of Radio Bursars, a new College and University subject, Mathematics (combined Pure and Applied), was introduced at the Subsidiary stage. Eleven students took this course and several of them will continue the course next Session at the Final stage.

As usual, several students of University College, London, were accom-

modated in the Department at the appropriate stages.

#### PHYSICS

# ACTING HEAD OF THE DEPARTMENT: MR. I. C. JONES

The number of students in the Department, already large, was still further increased this Session, and accommodation was provided for a total of 142 students, including 53 members of University College, London (under the general charge of Dr. F. C. Chalklin). The effective number is greater, as in addition to the normal work in Physics at all stages, courses were conducted in Radio (including workshop practice and the elements of engineering drawing) of Subsidiary and Advanced (Final) standard, affecting a total of 31 students. The resultant strain on the resources of the Department, both in staff and equipment, has been very severe, and the accommodation is in fact approaching saturation, if the present standard is to be maintained.

The general standard of the work of the year has been satisfactory, but there is some evidence of deterioration in the quality of entrants, very probably owing to many school pupils who would not normally have taken Physics having been advised to do so under present conditions. This deterioration is reflected in the large proportion of failures at the Subsidiary stage. Special mention should be made of the merit of the following students: R. Ll. Morgan (Honours), W. L. Murray (1st. Year Honours),

W. H. Evans and K. R. Hopwood (Final and Advanced Radio).

Professor E. J. Williams is engaged on work of vital importance at the

Admiralty, but has been able to visit the Department occasionally. Dr. R. M. Davies is attached to the National Physical Laboratory, and Mr. D.

A. Richards is at the Royal Aircraft Establishment.

The temporary appointments of Miss E. M. Williamson and Dr. G. R. Evans have been continued, and Mr. E. M. Job was appointed to replace Miss E. T. Lougher, who relinquished her appointment on her marriage to Mr. D. A. Richards. The Department is again indebted to Dr. F. C. Chalklin (University College, London), for his assistance in lecturing to the Final and Honours classes.

#### ZOOLOGY

#### Professor T. A. Stephenson

The number of students this Session was eighty from the University College of Wales and nine from University College, London. There were no postgraduate students, but the work of the two Honours students was quite satisfactory. There is nothing fresh to report about the general work of the Department, which has been carried on with as much attention to original investigations as is at present possible. The work of the staff has been directed where feasible into channels connected with the war effort. Dr. E. E. Watkin has done a good deal of lecturing to troops, Dr. Gwendolen Rees has completed a study of the worm-burden of sheep on two types of pasture, as well as undertaking special lecturing work, and Dr. J. R. E. Jones has continued his study of the Elateridae in connection with the section of the Government Wireworm Survey which is still being actively pursued from the Department under the direction of Mr. J. R. W. Jenkins. I should like to thank Miss M. E. A. Davies and Miss G. C. Williams for assistance in demonstrating.

#### Publications

Professor T. A. Stephenson:

The causes of the vertical and horizontal distribution of organisms between tidemarks in South Africa. *Proc. Linn. Soc.*, Session 154, 1943. pp. 219–232.

Dr. Gwendolen Rees:

The worm burden of sheep on improved and unimproved hill pastures. Journ. Animal Ecol. Vol. 11, No. 2, pp. 198–204, Nov. 1942.

The anatomy of Anthobothrium auriculatum (Rud.), (Cestoda), from Raja batis L. Parasitology, Vol. 35, Nos. 1 and 2, pp. 1–10, Feb. 1943.

Miss Dilys O. Jones:

The anatomy of three digenetic trematodes Skrjabiniella aculeatus (Odhner), Lecithochirium rufoviride (Rud.) and Sterrhurus fusiformis (Luhe) from Conger conger (Linn.). Parasitology, Vol. 35, Nos. 1 and 2, pp. 40-57, Feb. 1943.

#### LAW

# PROFESSOR D. J. LLEWELFRYN DAVIES

The work in the first year class while not outstanding was generally satisfactory. The Final Class did exceptionally well, and of seventeen candidates only one failed the examination. This result is especially creditable as few of the students had any assurance that they would be allowed to complete the course, and four of them were actually called up

during the Easter vacation, but obtained leave to return to take the examination. Owing to the exigency of war service only one candidate entered upon the Honours Course and he was called up early in the Session.

Mr. L. J. Davies, who was awarded First Class Honours last year, was the only candidate to be awarded a First Class in the recent examination in

Part II of the Law Tripos at Cambridge.

It is with deep regret that I record the death on active serive of two former students of the Department: Eric Glynn Evans (1935-39), Major, R.A., and Emrys Bunce Morgan (1938-41), Lieutenant, R.A.

#### MUSIC

#### Professor David de Lloyd

Degree: The standard of work in all grades (Intermediate, Subsidiary and Final) was moderate. In the Honours B.A. one candidate obtained Second Class, Division 1, in the June examinations.

Normals: The number of students in their 1st and 2nd year shows a slight increase. Ear-training and sight-reading suffered from inadequate

preparation previous to the students' entry into College.

The College weekly Chamber Music concerts and the Friday "At Homes" were held regularly throughout the Session. The Orchestral Society lacked efficient 2nd Violin players and the Choral Society was depleted by the calling up of the men, but in spite of adverse circumstances the various activities of the Department were maintained and the work done, in general, was satisfactory.

# AGRICULTURE

# Professor E. J. Roberts

The number of students taking courses of study in the Department during the past Session was as follows:—

Grade	No. of students registered	No. who took Sessional Examinations	No. passed
DEGREE COURSES Subsidiary	17	17	16
	7	7	5
Dairy Courses  Diploma Course (1st Year)  Diploma Course (2nd Year)  Short Course in Dairying	24	† 22	16
	15	14:	11
	22	21	19
Total	85	81	67

The above does not include sixteen students in the Faculty of Rural Science who attended Intermediate courses in pure science subjects as the first stage in their degree.

Special wartime refresher courses were held; 103 attending that for District Officers, and 42 the course for Milk Production and Milk Advisory Officers of War Agricultural Executive Committees.

Owing to regulations governing military service deferment, students,

except in exceptional cases, have to take up employment with War Agricultural Committees before completing their Honours Course. Four of the above Final students are affected by this regulation.

# AGRICULTURAL BOTANY

Professor T. J. Jenkin Miss K. Sampson

Grade	No. registered	No. who took Sessional Examinations	No.
Subsidiary	10	10	. 9
2nd Year Hons	2	Both Class	s IIA)
Totals	12	12	11

The arrangements for the work of the Department were generally similar to those of the previous two years. Dr. Ellison continued with advisory work in Montgomeryshire, but was able throughout the Session to attend to the necessary classes.

The number of students was very nearly the same as in the previous year, but only two were allowed to follow the Honours Course. Both were

good students and were awarded Class II, division 1.

#### AGRICULTURAL CHEMISTRY

Mr. R. O. Davies

Grade		No. registered	No. who took Sessional Examinations	No. Passed
Subsidiary Final 1st Year Dairy Diploma 2nd Year Dairy Diploma	 • •	16 2 23 15	16 2 22 14	16 1 12 11
TOTALS	 	56	54	40

The above represents an increase of nineteen students over the previous year. The work of the degree students was on the whole satisfactory and the 2nd year dairy students made good progress. Some of the 1st year dairy students would have derived greater benefit had they obtained a preliminary course in Chemistry before entering College.

Mr. J. R. Griffiths was awarded the M.Sc. degree last October for the

Mr. J. R. Griffiths was awarded the M.Sc. degree last October for the following thesis:—(a) Pot experiments on the effect of calcium carbonate and superphosphate on the growth of wheat. (b) A comparison of some

methods of estimating the lime status of soils.

Soil fertility problems have continued to make up the main part of the

Department's work, and requests for advice have been frequent from the districts where close contacts had been previously established through intensive sampling. The experience our fieldmen have obtained is being fully utilised in the effort towards increased productivity with maximum economy of fertilisers. Field and laboratory investigations have jointly given valuable information as to the location of soil deficiencies that call for special allocation of fertilisers.

The flax experiment is being continued on a different soil type, while a special survey of the areas in Pembrokeshire considered most suited to flax is in progress. The field experiments on phosphatic fertilisers have established the effectiveness of new forms and at the request of the Ministry of Supply further manurial experiments are now in hand at selected centres. A feature of this year's potato experiments is that the effect of adding magnesium is being studied on an area that has given potato halms low in

this element.

The Department has taken part in the 1942-43 silage campaign organised by the Ministry of Agriculture, and has been represented on the Advisory Chemists' Feeding Stuffs Committee.

#### Publications

Professor T. W. Fagan, Messrs. R. Phillips and R. O. Davies The Cultivation and Composition of Kale. Welsh J. Agric. Vol. 17. Messrs. R. O. Davies and W. M. Ashton

The Making and Feeding of Silage in Mid-Wales. Welsh J. Agric.

Vol. 17.
Professor T. W. Fagan, Messrs. E. T. Jones and W. M. Ashton The Yield and Chemical Composition of Cereals under different Systems of Management. Welsh J. Agric. Vol. 17.

#### AGRICULTURAL ECONOMICS

#### Professor A. W. Ashby

Grade	,	/	No. registered	No. who took Sessional examinations	No. passed
Final Postgraduate			 1 1	1 1	1
Totals			 2	2	2.

The last remaining candidate for Ph.D., Mr. Maduravasal Srinivasan, B.Ag., was presented and passed in September, 1942. His thesis on "Marketing of Indian agricultural produce in the United Kingdom" was interesting and should prove useful. Parts of it were praised by the External Examinaer and the Assessor. Only one candidate was presented for Final B.Sc. and he was passed. The staff of the Department continued teaching in the University College of North Wales.

Three members of the staff of the Department, Messrs. D. B. Garner, R. L. Evans and J. G. Rees, are with the Services and good news continued to arrive. Mr. C. T. Williams, N.D.A., left the staff to join that of Glamorgan War Agricultural Executive Committee. Mr. R. Bennett Jones, M.Sc., left to join the staff of the Department of Agriculture for Scotland at the end of last Session and Mr. R. O. Rowlands, B.A., was appointed as Assistant in Marketing and Co-operation. Otherwise we have been fortunate in being able to reserve the technical and clerical staffs.

The change in the liability of farmers to income tax caused much enquiry as to methods of keeping accounts and for actual assistance. Accounts for some 134 farms are now being handled in the Department as compared with 88 a year ago, and we have been unable to meet all requests for co-operation. The farm management survey has been continued.

Work on the National Farm Survey has been protracted. The initial work of examining and copying records and getting doubtful items checked is not yet complete but the processes of sampling and of coding records, the first steps in the analysis of results, have been started. Ordnance Survey maps showing the outline of each farm in Wales are now being

collected.

Special investigations of enterprise costs—in respect of winter and summer fattening of cattle, raising store cattle by suckling and by hand, and for a long list of crops—were made in 1942 and are being continued, with some variations, during this year. These investigations are providing extremely valuable data not only on money costs but on work processes, materials used, and some methods and results of management.

Other lines of work which have been continued without any break include investigation of conditions and costs of labour, of milk production, of egg production, with some enquiries into seasonal variations in conditions

of crops and livestock on farms in Wales.

A special Demonstration Officer was provided for the Department at the beginning of this Session, and Mr. H. E. Roberts, B.Sc., was appointed. He has visited the Technical Development Committee of every county, has prepared memoranda for advisory and demonstration purposes and demonstration materials. This work promises to be extremely useful.

In the co-operative advisory work special assistance has been given to plans and projects for the development of organisations to promote the growing, dressing, and merchanting of pedigree Welsh seeds. War conditions have continued to cause considerable general activity in this branch

of the work.

It has been difficult to secure any dispatch with printing and there has been great delay in publication of finished work. Some work of immediate

utility has again been published in temporary cyclostyled form.

I have to thank all my colleagues for their continued support under circumstances which have been often difficult, sometimes disappointing. It is a cause of some satisfaction that research and advisory services of the Department are expanding under prevailing conditions and that the cooperation of farmers is so pleasantly secured.

#### Publications and Special Memoranda

Professor A. W. Ashby

The Rise of Efficiency in Agriculture. Royal Institution of Great Britain.

Efficiency and Output in Agricultural Systems. Reprinted from the *Journal of the Royal Society of Arts*, November 11th, 1942.

Marginal and Hill Farming in Wales. Reprinted from *Journal of the* 

Ministry of Agriculture, Vol. L. No. 1. April 1943.

Social Life in Villages and Small Towns. In *Industry and Rural Life* (being a Report of Cambridge Conference of Town and Country Planning Association, pp. 53–71, 1942).

The English Countryside and Human Reactions to Scenic Change. In *Creative Demobilisation*, Vol. II—Case Studies in National Planning, pp. 1–21.

Economic Utilisation of Land in Planning Processes. In Creative Demobilisation, Vol. II. Case Studies in National Planning, pp. 71-85.

Trends and Needs of Rural Development in Wales (Cyclostyled). Paper read to Town and Country Planning Association, June, 1943. The English Countryside and the Psychology of Scenic Change (Lord

Justice Scott Committee on Land Utilisation).

Memorandum on the Management and Control of Labour (Standing Advisory Committee, Agricultural Wages Board).

Mr. J. H. Smith

Changes in Farm Costs of Hired Labour in Wales during 1941-2. (Cyclostyled).

Report on Operation of Piece-work Rates in the Market Gardening Districts of Bedfordshire, in the Isle of Ely and in South Lincolnshire. Prepared for the Agricultural Wages Board.

Mr. J. Pryse Howell
The Position of Milk Production in Wales. (Prepared for Agricultural Economics Research Institute, Oxford). (Cyclostyled).

Mr. R. Bennett Jones.

Review of the Operation of Farmers' Milk Depots, 1941, No. 1; No. III. No. IV. (Cyclostyled).

Mr. W. J. THOMAS.

Financial Results of 32 Poultry Farms in Wales, 1941–2. (Cyclostyled). DEPARTMENT OF AGRICULTURAL ECONOMICS

The Supply, Use and Costs and Remuneration of Labour in Agriculture.

(Cyclostyled). Summary of the Costs of Milk Production for the same 48 Herds in Wales for the Winter periods 1939-40 and 1940-41. (Cyclostyled).

Cost of Production of Milk for 62 Herds in Wales, 28th September, 1941—28th March, 1942; 29th March—26th September, 1942 and 28th September 1941-26th September, 1942.

#### DAIRY BACTERIOLOGY

# Mr. S. B. Thomas

The number of students attending the various courses during the Session was as follows:-

First Year Diploma '	24
Second Year Diploma	14
Short Course in Dairying	22
Routine Testers Courses	44

The introduction of the National Milk Testing and Advisory Scheme by the Ministry of Agriculture has considerably increased the work of the department during the year. To cope with this, Area Laboratories have been set up at Carmarthen, Swansea, Cardiff, Newport, and Milk Testing Centres at Builth Wells and Dolgelley. In addition, there are 23 Licensed Creamery Laboratories in the Province. Great difficulty has been experienced in staffing the Creamery and Area Laboratories with qualified staff and the opportunity of training Routine Testers has been limited owing to inadequate laboratory facilities. Investigational work has increased and more use is made of the Advisory Service by the War Agricultural Executive Committees of the nine counties. Twenty-five lectures and demonstrations have been given during the Session to young farmers clubs and War Agriccultural Executive Committees.

# PUBLICATIONS

Dr. B. F. Thomas Resazurin Reduction at 18°C. Proc. Soc. Agric. Bact. (1942).

Mr. S. B. Thomas and Mr. G. M. Phillips

The Ten Minute Resazurin Test. Proc. Soc. Agric. Bact (1942).

Mr. S. B. Thomas and Mr. K. Morgan

The Cellular Content of Milk. Dairy Industries, 7, 175. (1942).

Mr. S. B. Thomas, Mr. G. M. Phillips, Mr. Andrews

The Ten Minute Resazurin Test. Dairy Industries. 4. (1943).

Mr. S. B. Thomas, Miss Sheila Dixon, Miss Beti Jones

The Cleansing and sterilisation of Milk Churns—Welsh J. of Agric. 17, 131.

MR. R. PHILLIPS AND MR. S. B. THOMAS

The Chemical Sterilisation of Milking Machines—Welsh J. of Agric. 17, 139.

Mr. S. B. Thomas

Further Investigations on the Resauzurin Test.—Welsh J. of Agric. 17, 117.

#### DAIRYING

# Mr. John Lewis

The numbers of students attending courses in Dairying at the College during the last Session have, it is believed, been a record. Not in the long history of the Department have the courses been so well patronized and, as a consequence, the accommodation at the new College Dairy is already being severely taxed.

The numbers of students pursuing the various courses were as follows:

Second Year Diploma	,							14	
First Year Diploma									
Short Course								22	
								(	60

The quality of the work done by the students has been extremely variable, depending very largely upon the standard of general education attained prior to entering College. This leads one to suggest that it may be desirable that the acceptance of students for Certificate or Diploma Courses should be conditional on their having obtained the School Certificate. Alternatively, prospective students could usefully be submitted to a test of their suitability for admission to College.

There are plenty of excellent posts at present available in the Dairy Industry for students who are suitably qualified, and there is, accordingly, much scope for useful work in this most important branch of Agriculture.

#### ADVISORY ZOOLOGY

# Mr. J. R. W. Jenkins

The chief feature of the year's work has again been the Soil Pest Survey of the College area. Over sixteen thousand acres have now been surveyed, entailing the detailed examination of over fifty-two thousand samples of soil. An aspect of this work which has been given special attention is the effect of an increased seeding rate in reducing the damage caused by wireworms to cereals.

A further investigation on a large scale has been on the value of seed dressing as a means of preventing Flea Beetle attack on Brassicae.

In connection with his work, the Adviser has attended meetings of the Advisory Entomologists Conference, and of its Standing and Sub-Committees, having been appointed representative for Wales and the West Midlands for these purposes.

Close touch has again been maintained with the Technical Development Sub-Committees of the seven War Agricultural Executive Committees

of the area, with valuable results.

Exhibits have been provided at Demonstrations and Rallies arranged by County Authorities, and lectures have been given to Farmers, Young Farmers' Clubs, Allotments Associations, and Officers of the County Staffs.

Resignation from the chair of the Cardiganshire County Garden Produce Committee was withdrawn at the request of the Committee, and the Adviser has continued to act.

# THE WELSH PLANT BREEDING STATION

DIRECTOR: PROFESSOR T. J. JENKIN

The absence of several senior members of staff on advisory work has again limited the scope of the work of the Station. For this reason it has been impossible to resume the more fundamental researches that were in progress before the war and main attention has been concentrated upon the

maintenance of important genetical and breeding material.

This maintenance of valuable material and the continued use of breeding material to keep up a succession of stock seed of the established strains entails heavy routine research work. Such routine breeding and selection work is essential in order that the valuable strains produced by the Station may reach farmers in such a state of purity and trueness to type that the

maximum benefits may be obtained from their use.

A very heavy burden was laid upon the Station's staff in this connection when Mr. Gwilym Evans was seconded to the Seed Production Committee of the National Institute of Agricultural Botany, Cambridge, in the spring of 1942 because there was already a deficiency in the staffing of the Seed Production section of the Station. It should be placed on record that, despite very serious difficulties, Mr. D. J. Griffiths dealt with the situation in an efficient manner. He was relieved to some extent when Mr. Watkin Williams, who took First Class Honours in Agricultural Botany in 1942, was appointed to the staff in the Probationary Grade immediately after he had completed his Honours Course, while Mr. W. G. Gwynne was at the same time appointed to the staff on a temporary basis.

Even so, the work of this department became exceedingly heavy owing to the greatly increased demand for stock seed, particularly of grass and clover strains, and the recognition by the Seed Production Committee of the National Institute of Agricultural Botany of the importance of these

strains in relation to continued maximum productivity.

Even by 1942, the area under seed crops of these strains had increased to such an extent that the available staff of the Welsh Plant Breeding Station could only barely cope with the work of seed crop inspection. Consequently, a number of trainees, mainly old students of the Agricultural Botany and Agricultural Departments, were placed at the disposal of the Welsh Plant Breeding Station by counties in England and Wales so that they might be available to take active part in the 1943 inspections.

By the spring of 1943, the services of Mr. Gwilym Evans were no longer urgently required by the Seed Production Committee of the National Institute of Agricultural Botany, and he was released to return to his normal work at the Welsh Plant Breeding Station. This department, therefore, after a very difficult year owing to reduction of staff on the one hand and a marked increase of work on the other, is once again fairly adequately staffed.

The absence of senior members of staff was also keenly felt in other departments. Captain R. D. Williams, by means of regular visits at intervals to the Station, was able to continue with the most immediately practical aspects of clover breeding, the maintenance of established clover strains, and the development of new strains, but the more fundamental

genetical researches in this department are still suspended.

The work of Mr. E. T. Jones in oat breeding is having a deep effect upon arable production in Wales and beyond, but it had been felt for a considerable time that while his services as Executive Officer to the Radnorshire War Agricultural Executive Committee were justly appreciated, his knowledge of cereal crops could not be fully utilised in that position. Therefore, by arrangement with the Welsh Department of the Ministry of Agriculture, it was arranged that he should return to the Station in April, 1943, so that he might on the one hand continue his work on oat breeding and, on the other hand, be available for advisory purposes in relation to cereals and cereal production over a much wider area.

Mr. M. T. Thomas and Mr. Ll. I. Jones, the two senior grassland agronomists, are still on secondment to the Breconshire and Pembrokeshire War Agricultural Executive Committees respectively, but they also keep in touch with their work at the Station by means of regular periodic visits. Mr. M. T. Thomas provided a course on advanced grassland studies for the

Honours class in Agricultural Botany during the 1942–43 session.

Some aspects of the grassland investigations are continued by Mr. W. E. J. Milton and Mr. D. Emlyn Edwards. The latter was able to bring some of his results together for presentation in the form of a thesis for the

degree of M.Sc. in June, 1943. He was awarded the degree.

In the grass breeding department the Director has been unable to take any serious part owing to pressure of other work so that this work has been almost entirely in the hands of Mr. A. R. Beddows who has a long experience of this work. He already had certain species in his own hands, while after the departure of Sir George Stapledon, cocksfoot had to be brought into the grass breeding scheme. This department at present is therefore very seriously understaffed and as soon as possible arrangements must be made to provide assistance. This presents serious difficulties because the recruitment of suitable persons for the scientific staff is affected on the one hand by the demand for technical officers in the counties and on the other by the fact that the number of students who are allowed to complete their courses by taking Honours in Agricultural Botany is now very limited.

The formation of the Seed Production Committee of the National Institute of Agricultural Botany with its sub-committee, the Aberystwyth Seeds Committee, has meant a very serious increase in the Director's work because it means frequent visits to London to the meetings of these committees. It should be pointed out that this Seed Production Committee is concerned with all seed supplies including the seed of the Aberystwyth grass and clover strains and therefore it is of the greatest importance that the

Director should be present at the meetings.

In addition, the Director has been appointed a member of the National Institute of Agricultural Botany Council and a member of the Supervisory Committee of the Grassland Improvement Station at Dodwell, Warwickshire. The duties in connection with these appointments are, however,

not onerous.

When the Advsory Council for Post-War Reconstruction problems in Wales was being formed in 1942 the Director was invited to become a member and after consultation with the Principal and with the Agricultural

Research Council, he accepted the invitation.

Visitors to the Station and to the Cahn Hill Improvement Scheme have been more numerous than at any time since the war began. Young Farmers' Clubs in particular are showing a keen interest in the work. Various visitors from overseas who are members of the Forces stationed in this country have also been welcomed. Home visitors have included especially members of seed firms who wish to become better acquainted with

the characteristics of the Station's strains.

The work of the Cahn Hill Improvement Scheme has continued on similar lines to previous years, but very little land has recently been reclaimed. The improved areas, however, are still of great interest because of the very obvious difference between the herbage on the improved and the unimproved land adjoining. Some aspects of stock management in relation to the utilisation of the improved areas have been under consideration and certain changes will be made in the course of the present season.

The members of the Welsh Plant Breeding Station staff who were seconded to the Grassland Improvement Station (of which Sir George Stapledon is the Director), namely Messrs. Wm. Davies, G. P. Hughes, T. E. Williams and A. G. Davis, have now ceased to be members of the Station staff as from 31st March, 1943, while Dr. J. F. Hope-Simpson relinquished his appointment on joining the R.A.F. on the 6th March, 1943.

#### IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS

DIRECTOR: PROFESSOR T. J. JENKIN DEPUTY DIRECTOR: DR. R. O. WHYTE

In spite of war conditions, it has been found possible by one means or another to obtain access to the publications of all countries and thus to keep our readers up-to-date on all developments in the research and practice of fodder production. During the year, contact was re-established with Institutes and other scientific organizations in Sweden, through the good offices of the British Council. It is hoped also within the near future to make up our arrears as regards literature published in Germany and Italy. The Bureau has also made good use of the facilities provided by Chatham House, to search European periodicals and daily press for reports of developments in the fodder policies within Europe. for reproduction in Herbage Abstracts.

The programme of production of occasional publications is now characterized by increased collaboration with other Bureaux on Joint Publicacations. Issues in this series in which this Bureau has been concerned include:

The production of seed of root crops and vegetables,

Imperata cylindrica, Alternate husbandry, Fodder trees and shru

Fodder trees and shrubs,

Methods of surveying vegetation, and several others in the course of preparation.

The Central Sales Branch of the Imperial Agricultural Bureaux has continued to handle all matters concerned with subscriptions, sales and distribution of the abstracting journals and occasional publications of ten Bureaux.

#### EXTRA-MURAL STUDIES

Mr. Ifan ab Owen Edwards (Vice-Chairman, Extra-Mural Classes Committee)

The progress of the activities of the Extra-Mural Department during the Session is mirrored in the long list of classes published with this report, an increase of 38 as compared with last Session.

A table showing the classes held since (and including) the last pre-war year is also published; this shows the effect of the war upon the activities

of the Department. It will be seen that the first year of war saw a considerable drop in activities, and then an annual steady rise began until the Session under review, when the number of classes had actually more than doubled those held during the last pre-war year.

The table shows a steady drop in the number of Tutorial Classes; on the other hand, the Sessionals have increased, and the Short Courses

have been very popular.

The reduction in the number of Tutorial Classes should not cause undue anxiety. It was due to unwillingness to undertake the three-year obligation in the uncertain conditions of war time. It is encouraging to know that, during the past Session, there was a tendency towards a return to Tutorial Classes, and it is likely that the number of Tutorial Classes next Session will not fall far short of the number in the last pre-war year.

There are many reasons for the successful position which this Report, and the Tables accompanying it, mirror. But the main cause, undoubtedly, is the pioneer work of the Short Courses-for three years the College has been able to do its own pioneering and thus sponsor its work from its earliest stages. During the three years that these Courses have been available to the College, under a war-time regulation, they have amply proved their value, and it is to be hoped that they will become a permanent part of the work of the Department in any post-war reconstruction that may take place.

It is a not inconsiderable source of satisfaction that, in the sparsely populated College area, students in as many as 129 centres thought it worth while, amidst all the distractions of a fourth year of war, to meet together to discuss a variety of topics within the interpretation of a liberal education. This position is a revelation of the stability of the democracy of Central

Wales and a happy augury for the future.

SUMMARY OF EXTRA-MURAL CLASSES 1938-1943.

COUNTY	_	Tu	TUTORIALS	S		(V)	Sessionals	NALS			SHOR	SHORT COURSES	RSES		Totals.	ALS.		
19		38-9 39-0 40-1 41-2 42-3 38-9 39-0 40-1 41-2 42-3 40-1 41-2 42-3 38-9 39-0 40-1 41-2 42-3	40-1	41-2	42-3	38-9	39-0	40-1	41-2	42-3	40-1	41-2	42-3	38-9	39-0	40-1	41-2	42-3
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CARMARTHEN .		7	5	2	+	10	∞	6	10	20	5	12	22	17	15	19	24	43
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MONTGOMERY		3	2	2		9	ıC	3	ıO	10	7	7	13	6	×	12	14	24
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Totals	18	14	12	7	9	39	26	59	36	59	33	48	65	55	40	74	91	129

# UNIVERSITY EXTRA-MURAL CLASSES

Class	Subject	Tutov	Envolment	Enrolment Number of lectures
Carmarthenshire Carmarthen	TUTORIAL	T. I. Jeffreys Jones	18	24
Merioneth Aberdovey Dinas Mawddwy	Political Geography and Modern World Factors W. J. Lewis Science and Religion	W. J. Lewis Dr. Dan Davies	18 21	24 24
$Montgomeryshire \ Machynlleth$	The History of Modern Philosophy	J. R. Jones	17	24
Pembrokeshire Milford Haven Narberth	Political Science International Relations (Far East)	D. Hughes Lewis W. J. Rees	18 24	24 44 05
Cardiganshire Aberaeron Aberarth Aberystwyth Blaenpennal Borth Lampeter Llandyssul Llaniar Llanristyd	SESSIONAL Democracy on Trial Hanes Diwinyddiaeth The Geographical Background of International Affairs Meddyleg Cymdeithas Economic History of the U.S.A. Y Ffordd yng Ngheredigion yn y 19eg ganrif Drama Production Hanes yr Eglwys yn yr Oesoedd cynnar History of Cardiganshire in the Eighteenth century		28 29 27 21 21 21 21 21 21 21	21 21221 12 22 024211 12
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Percy George T. I. Ellis Rev. William Davies H. Madoc Jones Rev. D. J. Evans Rev. D. Emrys James	Rev. D. E. Williams if Rev. Idris Morgan  V. A. T. Davies  Mrs. Clement Davies  Rev. O. R. Davies  Rev. O. R. Davies  Rev. W. T. Gruffydd  T. Gwyn Jones  T. I. Jeffreys Jones  Rev. T. H. Armstrong  Gwynfor Evans  Rev. T. H. Armstrong  Gwynfor Evans  Rhydderch Evans  Mrs. Clement Davies  T. I. Jeffreys Jones  T. I. Jeffreys Jones  A. Leslie Evans  C. Lloyd Humphreys  T. I. Jeffreys Jones  Rev. W. T. Gruffydd  E. Haydn Jones	7 Bob Owen Rev. R. O. Hughes Mrs. R. E. Griffiths Geraint Bowen	\$ \$
Social Reconstruction Hanes Sir Aberteii o'r 18fed ganrif ymlaen Hanes yr Eglwys Gristnogol Hanes y Ddrama Moeseg Gristnogol Welsh Literature	The Teaching of the Prophets of Israel Llenyddiaeth Gymraeg yn y Ddeunawfed Ganrif Rev. Idris Morgan Our Educational System and its recent History A. T. Davies Welsh Literature, 1860—1914 Mrs. Clement Davies Some problems in Social Psychology Hanes a Llenyddiaeth Cymru, 1840—1900 History of Israel Brashun ot Hanes Cymru Hanes Cymru yn y Canol Oesoedd Modern Political Theory Modern Political Theory An introduction to Sociology An Leslie Evans An introduction to Sociology Some problems in Social Psychology Rev. W. T. Gruffy T. I. Jeffreys Jone T. I. Jeffreys Jone T. I. Jeffreys Jone T. I. Jeffreys Jone The Far East in Modern Politics C. Lloyd Humphr Introduction to Sociology Some problems in Social Psychology An introduction to International Affairs E. Haydn Jones	The history of the town of Bala and its vicinity Bob Owen Religions of Mankind Yr Hen Destament Braslun o Hanes Cymru Geraint F	
Pontarfynach Ponterwyd Pontrhydfendigaid Pontrhydygroes Rhydypennau Talgarreg	Bancflostelen Bancflostelen Blaenwaun Caio Capel Evan Carway Ffairfach Henlan Amgoed Llandilo Llandovery Llangadog Login Newcastle Emlyn Pencader Pendine Pontyates Pontyates Yentyates Pontyates Yentyates Yentyates Pontyates Yentyates Yentyates Yentyates Yentyates Yentyates Yentyates	Merioneth Bala Dyffryn Harlech Llanuwchllyn	Montgomeryshire

Subject Reconstruction (The Modern Crisis)
Enwogion Cynnu Introduction to Welsh Literature Reconstruction (The Modern Crisis) Biology and Man Llenyddiaeth Gymraeg Gyfoes Hanes Cymru yn y Ddeunawfed Ganrif
Keconstruction (1ne Modern Crisis) Current Affairs  History of Welsh Literature Social Reconstruction History of Agriculture in England and Wales Elementary Economics Hanes a Llenyddiaeth Cymru o 1840—1900 Introduction to Fronomics
History of the Old Testament Post-War Reconstruction Connectacy and Citizenship in the
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Egwyddorion Drama Cymru Ddoe a Heddiw The Relevance of Religion Braslun o Lenyddiaeth Cymru Syr Owen Edwards Egwyddorion Drama

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Llamonth	Daniel Owen V Nofelydd	Rev. T. Furis Davies	24	) \r
Mydroilyn	The Discovery of Man (Social History)	D. I. Iones	38	4
Nenaddlwd	Braslun o Hanes Cymru	Miss D. Richards	19	4
Pennwch	Egwyddorion Drama	D. Roberts	23	4
Penvewaith	Llenyddiaeth Grefyddol Gymraeg	Garfield H. Hughes	19	9
Talybont	Gwyddor Pethau Cyffredin	I. C. Iones	20	4
		'n		
Carmarthenshire				
Bancyfelin	Hanes Cymru'r 19eg ganrif	T. Gwyn Jones	22	9
Bryn Iwan	Llenyddiaeth Gymraeg yn y Bedwaredd	,		
	ganrif at Bymtheg	Rev. T. I. Morgan	45	9
Cenarth	Hanes Cymru' 19eg ganrif	Mrs Clement Davies	2,6	4
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Conwil Elfed	Modern Political Thought	Emlyn G. Jenkins	38	4
Idole	Introduction to Pscyhology	Rev. Waldo Lewis	18	12
Llanarthnev	Citizenship	I. K. Tavlor	31	4
Llanddowror	Modern Political Theory	T. I. Teffreys Iones	26	4
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Llanginning	International Attairs	W. Emlyn Jones	T	9
Llangynog	Modern Politics	T. I. Jeffreys Jones	17	4
Llanllwni	Drama Production	Mrs. David Lewis	28	9
Llansadwrn (I)	Musical Appreciation	T. Idris Iones	15	9
Llansadwrn (II)	Llanyddiaeth Gymraeg	Rev. I. Williams	200	9
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Meldrym	International Amairs	vv. Emlyn Jones	60	0 '
Newcastle Emlyn	Drama Production	Mrs. David Lewis	42	9
Porth-y-hyd	Llenyddiaeth Cymru yn y Bedwaredd Ganrif			
	ar bymtheg	Rev. B. I. Iones	20	9
Pumpsaint.	Hanes Addyse vng Nghymru	A. I. Davies	1.5	4
Salem	Gwleidyddiaeth Heddiw	T. I. Teffreys Iones	20	4
C+ Closus	Hones Crefudd und Nahumun	W Emlyn Iones	23	10
or, Clears	nanes cienyua yng rygnynia	w. Emlyn Jones	2.7	77
Tumble	Cymdeithaseg Gristnogol	Rev. Leslie Evans	40	4
Upper Tumble	Dramatic Art	T. Afan Jones	15	9
Merioneth	11	D.1. O	00	7
bala Deffees	Hanes Lieol Brooking Chang I lounddiooth Cymroog	Bob Owen Rev D I Williams	32 17	t (
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Subject	Crist a Chrefyddau'r Byd Hanes Llandderfel a'r Gymdogaeth Gwyddor Pethau Cyffredin Llywodraeth Leol	Current Affairs Hanes Llenyddicth Cymru Current Affairs Gwyddor Gwlad Braslun o Lenyddiaeth Gymraeg Current Affairs Problemau Bywyd Cymru Current Affairs The Far East Current Affairs The Far East Current Affairs Current Affairs Current Affairs Current Affairs Current Affairs	Agriculture and its Problems Agriculture and its Problems Russia Russia Welsh Folk Songs Hanes Amaethyddiaeth Cymru Drama Production	Post-War Reconstruction Post-war Reconstruction
Class	Ganllwyd Llandderfel Pennal (I) Pennal (II)	Montgomeryshire Caersws Croesoswallt Kerry Llanbrynmair Llawr-y-glyn Machynlleth Manlledd Montgomery Newtown Oakley Park Tregynon	Pembrokeshire Ambleston Fishguard Gelli Letterson Maenclochog (I) Newport	Radnovshire Llanbister Rhayader

#### LIBRARIES

# Mrs. E. C. Gwynn (Acting-Librarian)

It will be seen from the table of statistics appended that the issue of books to students and staff remains much the same as usual, though the number of inter-library loans again shows a decided increase.

The library staff was further depleted during the Session by the callingup for national service of Miss Eirwen Evans. I have to thank the authorities of University College, London, for once again sending Mr. F. M.

Johnson to help with the work of the library.

Among this Session's donors are: -Bristol Museum and Art Gallerv (6 vols.); Carnegie Endowment for International Peace (3 vols.); Discovery Committee (2 vols.); Mr. Sydney Herbert, U.C.W. (3 vols.); Vice-Principal T. C. James, U.C.W. (3 vols.); Mr. C. G. Matthews, Borth (24 vols.); Dr. R. Owen Morris, Aberdovey (3 vols.); Oxford Preservation Trust, (2 vols); Dr. A. B. Thomas, U.C.W. (21 vols.); U.S.S.R. Society for Cultural Relations (6 vols.).

University College, London, presented us with some 200 books and

periodicals, mainly philosophical and psychological.

The late Professor and Mrs. E. A. Lewis bequeathed to the library about

400 books and periodicals of Welsh and general historical interest.

Mr. John Challinor, of the Department of Geology, has given 170 volumes and 316 pamphlets to the libraries of the Botany, Geography,

Geology and Zoology departments.

Sixteen theses and dissertations were received from the University Registry at Cardiff, and fifty-two calendars, prospectuses, annual reports and similar publications were sent by various universities, colleges and other institutions.

#### STATISTICS. 1942-43

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Volumes dealt with during the year: already in Library	8 1,479 392
Pamphlets dealt with during the year	
	1,879
Books issued to members of University College of Wales:	
General Library (Term)	5,695
(Vacation)	681
Science Library (Term)	690
(Vacation)	120
Books issued to members of University College, London:	
General Library (Term)	3,809
(Vacation) J	739
Science Library (Term)	194
(Vacation)	51
(vacator)	
	11,979
Borrowers for Vacation, University College of Wales:	
General Library	212
Science Library	44
Borrowers for Vacation, University College, London:	
General Library	207
Science Library	21
	484

Books borrowed through Regional Libraries scheme for Wales and Monmouthshire, and National Central Library:  For members of University College of Wales  For members of University College, London	49 9
	58
Books applied for but not available Books lent through Regional Libraries Scheme and National Central Library Books applied for to University College of Wales, but not available for loan Theses lent Number of catalogue slips (addenda) sent to the Union Catalogue,	9 393 182 5
Regional Libraries Scheme for Wales and Monmouthshire	2,002

#### HALLS OF RESIDENCE FOR WOMEN STUDENTS

SENIOR WARDEN: MRS. K. GUTHKELCH

Owing to the increased number of Aberystwyth and London women students, it was decided by the committee concerned that graduates training for teaching and students in the Dairy Department should live in rooms. In this way it was just possible to house 1st, 2nd, and 3rd year students in the hostels; and Miss Macgregor and I felt that the difficulty had been rightly solved. The 3rd year students proved themselves capable of holding positions of responsibility and setting a good example to their juniors and the Session passed happily. A certain amount of help in the domestic work of the hostels became necessary, especially after Christmas, the maximum of help in the pantry at Alexandra Hall being only one hour a week for each student. As maids become scarcer this help may have to increase, but the students' good sense can be trusted to realise the necessity.

There was a minimum of 171 students at Alexandra Hall (without Balmoral, the annexe). Of this total, 26, as in recent Sessions, were students of University College, London. Carpenter Hall had 52 residents. All these kept remarkably well, except for an outbreak of mumps at Alexandra Hall during the Easter Term, numbering 12 cases, none of them serious.

The hostels were fully used for Vacation Courses as follows:—

Carpenter Hall: 8-weeks Course in Radio, July-Sept. 1942. Alexandra Hall:

1. Youth Leaders Conference.

- 2. Music Summer School organised by the National Council of Music for Wales.
- 3. American History Course for Secondary School Teachers.
- 4. Teaching Practice for Graduate Students of the Training Department.

# SENIOR TRAINING CORPS CONTINGENT

Major D. Gwynne Davies

This Session the training undertaken by Cadets has been modified. As compared with the preceding Session, Cadets not pursuing courses in certain technical subjects have increased somewhat the time spent on military work, while those undertaking such technical courses have been required to give less time to military work.

As in the last two Sessions most of the training has been carried out on Wednesdays during term, and at courses of continuous training which have been conducted during each vacation.

War Certificate "A" and "B" examinations have been passed by a

number of Cadets.

Members of the College Staff, other than members of the Contingent, have again given valuable assistance with training.

#### UNIVERSITY AIR SQUADRON

SQUADRON LEADER C. R. WHYTT.

Training for Aircrew has been carried on throughout the year with satisfactory results.

Two subjects, Theory of Flight and Engines, have been added to the

syllabus, which otherwise remains approximately the same.

The number of members trained by the Squadron has increased slightly over last year and these have included several who, having attested in the R.A.F., have come up to College to await their call-up. This has been a great advantage to them, as it has enabled them to be excused their Initial Training in the R.A.F. and be posted straight to Flying Training.



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1 5 MAR 1951

# University College of Wales

**ABERYSTWYTH** 



# REPORTS

SUBMITTED TO THE

# COURT OF GOVERNORS

25th OCTOBER, 1944

1944



# **University College of Wales**

**ABERYSTWYTH** 



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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-third Session, 1944-45.

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#### To retire in October, 1945

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The Rev. H. Harris Hughes, B.A., B.D., 19, Scarisbrick New Road, Southport. 

Nominees of The Governing Body of The University College of

Nominees of The Court of The University of Wales: Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina,

Miss G. M. Richards, B.A., County School for Girls, Hengoed, Glam. The Rev. Professor W. R. Williams M.A., Tanybryn, Llanbadarn Road, Aberystwyth.

Nominees of The Hebdomadal Council of The University of Oxford: J. W. Jones, Esq., M.A.....Queen's College, Oxford. One Vacancy.

Nominees of The Council of The Senate of The University of CAMBRIDGE:

Professor James Chadwick, M.A., Ph.D., F.R.S., The University, Liverpool. \*Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge. Professor P. H. Winfield, K.C., LL.D....13, Cranmer Road, Cambridge.

Professor D. Hughes Parry, M.A., LL.M., Prys, Blake's Lane, New Malden
Professor C. J. Sisson, D.Litt., M.A., D.es-L., University College, Gowe
Street, London, W.C.1 *Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford
Nominees of The Law Societies in Wales:
Bridgend District Law Society John Thomas Howell, Esq. Bridgend
Cardiff and District Incorporated Law Society
Chester and North Wales Incorporated Law Society Alun Williams, Esq
East Carmarthenshire Law Society Hugh Williams, EsqLlandilo, Carm
Llanelly Law Society
Merthyr Tydfil and Aberdare Incorporated Law Society W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil
Monmouthshire Incorporated Law Society
Pontypridd, Rhondda and District Law Society D. Harold Rees, Esq 41, Mill Street, Pontypridd
Swansea and Neath Incorporated Law Society John Jenkins, Esq., Brynhyfryd, Battledown Approach, Cheltenham
West Wales Law Society W. J. Wallis Jones, Esq., M.B.E34, Quay Street, Carmarthen
Nominees of The Branches of The British Medical Association in
Wales:  North Wales Branch: Dr. E. Lewys-Lloyd
South Wales and Monmouthshire Branch: Dr. Roland WilliamsDryslwyn, Clynderwen, Pem
Shropshire and Mid-Wales Branch Dr. A. Shearer
Women Nominees of The Court of Governors:  *Mrs. David Ellis

#### Nominees of The Senate of The College:

Professor T. J. Jenkin, D.Sc....Rhoslwyn, Iorwerth Avenue, Aberystwyth. Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth. Professor Idwal Jones, M.A., ......48, Marine Terrace, Aberystwyth.

Nominee of The Teaching Staff not Being Members of The Senate:

A. Pinsent, Esq., M.A., B.Sc., Red Gables, Penglais Road, Aberystwyth.

MEMBERS OF COURT BY VIRTUE OF MEMBERSHIP OF COLLEGE COUNCIL:

- \*Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road, Aberystwyth.
- \*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth.
  \*Miss E. C. Nightingale, M.A................The Mount School, York.
- \*Sir John Russell, D.Sc., F.R.S., Campsfield Wood, Woodstock, Oxfordshire. \*The Hon. Mr. Justice Stable .. Plas Llwyn Owen, Llanbrynmair, Mont.
- \*H. M. Vaughan, Esq., M.A., J.P......32, Victoria Street, Tenby.

\*Denotes membership of College Council.

Bankers—The National Provincial Bank, Limited, Aberystwyth.

Auditors—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

### COUNCIL

#### President

Vice-Presidents
The Right Hon. The Earl of Lisburne
LieutCol. Sir George Fossett Roberts, C.B., O.B.E., D.L., J.P., Glanpaith
Aberystwyth
Treasurer

D. Owen Evans, Esq., M.P., Rhydclommennod, Llangranog, Cards.

Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

#### Representative Members

Nominees of H.M. Privy Council

Professor H. J. Fleure, D.Sc., F.R.S., 123, Lapwing Lane, Didsbury,
Manchester.

Major W. J. Burdon-Evans, J.P......Bôd Ivan, Newtown, Mont.
One vacancy.

Nominee of Old Students' Association
His Honour Judge Ernest Evans, B.A., LL.B., Huanfa, Ceibach, New
Quay, Cards.

Nominee of the University of Wales
The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates
Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon.,
Cardiff.

Nominee of the University of Oxford

Nominee of the University of Cambridge
Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge.

Nominee of the University of London Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford.

Nominees of the Senate of the College
Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road, Aberystwyth

Professor E. D. T. Jenkins, M.A., Plas Penrhyn, Tre'rddol, Machynlleth Mont

#### Elected Members

#### To retire in October, 1944

#### To retire in October, 1945

Aberystwyth. Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. Sir John Russell, D.Sc., F.R.S., Campsfield Wood, Woodstock, Oxfordshire. The Rev. Richard Ward, M.A., The Vicarage, Laura Place, Aberystwyth.

#### To retire in October, 1946

One vacancy.

## COLLEGE STAFF

### Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

### Vice-Principal:

T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.

Subjects	Professors and Lecturers
Greek and Latin	Professor of Classics: E. D. T. JENKINS, M.A. (Oxon.).  Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.).  Assistant Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab.); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab.), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturers: J. EARNSHAW, M.A. (Manc.); J. L. PALMER, M.A. (Cantab.). Assistant Lecturer: WINIFRED M. KELLY, B.A. (Wales and Cantab.).
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales. Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales). Assistant Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: E. R. BRIGGS, M.A., Ph.D. (Cantab.). Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Université de Paris. Assistant Lecturer: J. KILLA WILLIAMS, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Assistant Lecturers: HANDEL B. EDWARDS, M.A. (Wales); T. P. WILLIAMS, M.A. (Wales).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.).
Welsh History	Sir John Williams Professor: Vacant. Research Lecturer: A. J. RODERICK, M.A. (Wales), Ph.D. (Lond.).
Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.).  Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Assistant Lecturer: J. R. JONES, M.A. (Wales).

Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Senior Lecturer: G. H. GREEN, M.A. (Wales). Ph.D., B.Sc. (Lond.), B.Litt. (Oxon.). Lecturers: IFAN AB OWEN EDWARDS, M.A. Education, including Art and Crafts (Wales and Oxon.); Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall. Assistant Lecturer: Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.). Instructress in Needlework: Miss L. M. DAVIES, B.A. (Wales). Instructor in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: H. BIRD, A.R.C.A. Part-time Asistant: Miss GWENHWYFAR DAVIES. Professor: R. B. FORRESTER, M.A. (Edin.), Economics and M.Com. (Manc.). Political Science Lecturers: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales); J. H. MORRIS, M.Sc. (Lond.). Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.). International Politics...... Lecturer: HUGH SETON-WATSON, B.A. (Oxon.). Lecturer in Colonial History: E. JONES PARRY, M.A. (Wales), Ph.D. (Lond.). Gregynog Professor: D. J. de LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. Music . The Assistant Staff of Executants and Teachers includes :--WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing). HUBERT DAVIES, A.R.A.M. (Violin). Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Lecture: W. H. D. WINDER, M.A. (Oxon.), Law LL.M. (Lond.), Barrister-at-Law. Professor: V. C. MORTON, M.A. (Oxon.). Lecturers: D. R. WILLIAMS, M.A. (Wales), Pure Mathematics ... (Strasbourg); Miss DOROTHY Ph.D. MEYLER, M.Sc. (Wales). Independent Lecturer and Head of Department: THOMAS LEWIS, M.Sc. (Wales). Lecturer: Miss DOROTHY S. MEYLER, M.Sc. Applied Mathematics (Wales). Assistant Lecturer: C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).

	Professor: E. j. WILLIAMS Ph.D. (Cantab. and Manc.), D.Sc. (Wales), F.R.S. Senior Lecturer: R. M. DAVIES, D.Sc. (Wales), F. Inst. P.
Physics	Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P. Assistant Lecturers: D. A. RICHARDS, M.Sc. (Lond.), A.R.C.S., D.I.C. Technical Assistant: L. E. SULSTON, Assoc. I.E.E.
Chemistry	Professor: C. W. DAVIES, D.Sc. (Wales), F.R.I.C. Senior Lecturers: C. R. BURY, M.A., B.Sc. (Oxon); L. J. HUDLESTON M.C., B.Sc. (Lond.).
Zoology (including	Professor: T. A. STEPHENSON, D.Sc. (Wales). Senior Lecturer: E. E. WATKIN, Ph.D., D.Sc. (Wales).
Agricultural Zoology)	Lecturers: Miss F. G. REES, Ph.D., D.Sc. (Wales);  j. R. ERICHSEN jONES, Ph.D., D.Sc. (Wales).  Special Lecturer in Entomology: j. R. W.  JENKINS, M.Sc. (Wales).
Geography and Anthropology	Gregynog Professor: C. DARYLL FORDE B.A., Ph.D. (Lond.). Special Lecturer in Geography: W. E. WHITE-HOUSE, M.B.E. M.Sc. (Wales). Senior Lecturer: E. G. BOWEN, M.A. (Wales). Lecturer: WALTER FOGG, M.A. (Manc.).
	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.), F.L.S.
Botany	Lecturers: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.; P. W. CARTER M.Sc. (Wales); Miss IRENE M. WILSON, M.Sc., Ph.D. (Lond.).
Geology	Professor: H. P. LEWIS, M.A., Sc.D. (Cantab.). Senior Lecturer: ĵ. CHALLINOR, M.A. (Cantab.). Lecturer: J. I. PLATT, M.Sc. (Manc.).
Agriculture and Rural Economy	Professor: ELLIS J. ROBERTS, M.A. (Cantab.), M.Sc. (Wales), Diploma in Agriculture (Cantab.). Senior Lecturer: RICHARD PHILLIPS, M.Sc. (Wales), A.R.I.C.
Agricultural Chemistry	Independent Lecturer and Head of Department: R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Assistant Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales).
Agricultural Economics	Professor: A. W. ASHBY, Hon. M.A. (Oxon). Assisted by Advisory and Research Staff (see below).
Agricultural Botany	Professor: T. J. JENKIN, D.Sc. (Wales). Senior Lecturer: Miss K. SAMPSON, M.Sc. (Lond.). Assistant Lecturer: WILLIAM ELLISON, B.Sc., Ph.D. (Durham), N.D.A.

Adviser: R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Investigators: J. R. GRIFFITHS, M.Sc. (Wales); T. J. JONES B.Sc. (Wales); D. STEPHEN JONES, B.Sc. (Wales); J. R. LLOYD, B.Sc. (Wales); Miss D. M. M. WILLIAMS, B.Sc. (Wales); Miss H. L. JOHNSTON; J. CAMP-Advisory Chemistry BELL THOMAS. Adviser: J. R. W. JENKINS, M.Sc. (Wales). Assistants: T. G. DAVIES, M.Sc. (Wales); Advisory MORGAN JONES, B.Sc. (Wales); R. G. EVANS. Agricultural Zoology M.Sc. (Wales). Adviser: D. WALTERS DAVIES, B.Sc. (Wales). Advisory Mycology Assistants: D. L. G. DAVIES, B.Sc., Ph.D. (Wales); D. K. IONES, B.Sc. (Wales). Adviser: S. B. THOMAS, M.Sc. (Wales). Advisory Dairy Assistant Adviser: G. M. PHILLIPS, M.Sc. (Wales), Bacteriology N.D.D. L. E. HUGHES, M.R.C.V.S., D.V.S.M., N.D.A. Veterinary Investigation Officer Director of College Dairy: JOHN LEWIS, N.D.A., N.D.D. Assistant: Miss MARY A. NELSON, N.D.D. Dairying .... Assistant Lecturer in Dairy Bacteriology: Misc MAIR ROBERTS, B.Sc. (Reading), N.D.D. Director of College Professor ELLIS J. ROBERTS, M.A. (Cantab.), Farm M.Sc. (Wales), Diploma in Agriculture (Cantab). Superintendent of RICHARD PHILLIPS, M.Sc. (Wales), A.R.I.C. College Farm SYDNEY JACKSON, N.D.P. Poultry Manager Agricultural Bookkeeping Instructor: J. H. SMITH, M.Sc. (Wales). Veterinary Hygiene Instructor: A. PARRY, M.R.C.V.S. Agricultural Instructor: R. PHILLIPS, M.Sc. (Wales), A.R.I.C. Engineering Director: Professor T. J. JENKIN, D.Sc. (Wales). Research Workers in charge of Investigations:
T. J. JENKIN, D.Sc. (Wales); E. T. JONES,
M.Sc. (Wales); GWILYM EVANS, M.Sc. (Wales);
M. T. THOMAS, B.Sc. (Wales); LI. IORWERTH IONES, B.Sc. (Wales). Grassland Adviser MOSES GRIFFITH, M.Sc. Welsh Plant Breeding (Wales). Assistants: A. R. BEDDOWS, M.Sc. (Wales): Station W. E. J. MILTON, M.Sc. (Wales), N.D.A. 4.64333 LLYWELYN PHILLIPS, B.Sc. (Wales); D.E. . 56% (Wales); EDWARDS, M.Sc. DAVID GRIFFITHS, B.Sc. (Wales); WATKIN WIL-LIAMS, B.Sc. (Wales); T. H. DAVIES, B.Sc. (Wales); W. ELLIS DAVIES, B.Sc. (Wales). Translator: Miss RHODA PETER JONES, B.A. (Wales).

Agricultural Economics Research and Advisory Staff	Adviser: Professor A. W. ASHBY, Hon. M.A. (Oxon.). Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales). Marketing Assistant: E. LLEWELYN HARRY, M.Sc (Wales). Senior Scientific Assistants: J. H. SMITH, M.Sc. (Wales); J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D., Diplomas in Agricuture and Dairying (Aberystwyth); W. J. THOMAS, B.Sc. (Wales). Demonstration Officer:
	Marketing Assistant (Co-operation): R. O. ROW-LANDS, B.A. (Wales).
Physical Training	Instructor: Major H. F. STIMSON, M.B.E., T.D.> Diploma of Sheffield Physical Training College. Instructress: Miss H. M. Waddington, Diploma of Anstey Physical Training College.
Department of Extra- Mural Studies	Director: B. B. THOMAS, M.A. (Oxon.). Resident Staff Tutors: D. HUGHES LEWIS, B.A. (Wales); ALWYN D. REES, M.A., (Wales); T. I. JEFFREYS JONES, M.A. (Wales).
Welsh Literature	Emeritus Professors  T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales), D. Litt. (Dublin), N.U.I
Education Agricultural Chemistry English Law Zoology Agriculture	C. R. CHAPPLE, M.A. (Lond.). T. W. FAGAN, M.A. (Cantab.), F.R.I.C. J. W. H. ATKINS, M.A. (Cantab.). T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.). R. D. LAURIE, M.A. (Oxon.). J. JONES GRIFFITH, B.Sc. (Wales).
Chemistry French	<ul> <li>T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.</li> <li>J. L. ANDRÉ BARBIER, Licenciê es Lettres (Paris), O.A., Chevalier de la Lêgion d'Honneur.</li> </ul>

Director Emeritus of the Welsh Plant Breeding Station

SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

#### ADMINISTRATION

Registrar: T. MAELGWYN DAVIES, M.A. (Wales).

Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.

Librarian: ARTHUR AP GWYNN, M.A. (Wales).

Senior Warden of the Halls of Residence for Women Students and Warden of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.).

Warden of Carpenter Hall: Miss C. J. MACGREGOR.

# REPORT

1943-1944

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1944, is presented:—

## I.--STUDENT NUMBERS

		Sessio	NS		
	1939-40	1940-41	1941-42	1942-43	1943-44
Total Numbers.  Men  Women  Total	386 194 —580	252 216 ——468	253 260 ——513	233 311 ——544	199 298 ——497
First Year Students.  Men  Women	100 55 ——155		110	120 118 5 ——238	93 113 ——206
Degree Students. Initial Degree Post-graduate Total	444 40 —484		432 7 ——439	452 4 ——456	410 5 ——415
Other Students (excluing Short Courses)		78	74	. 88	82
Distribution of Students. NORTH WALES. Anglesey Caernarvonshire Denbighshire Flintshire Merioneth Montgomeryshi	13 13 14	6 19 9 10 18 24	2 19 9 9 26 28 5 — 9	2 14 14 11 16 30 30	3 17 14 9 14 22 — 79
SOUTH WALES A MONMOUTHSHIR Breconshire Cardiganshire Carmarthenshir Glamorgan Pembrokeshire Radnorshire Monmouthshire	14 118 e 84 168 22 7 21	10 99 62 127 14 7 16 ——335	10 115 58 142 16 3 17 ——361	15 112 77 156 16 24	14 87 77 148 17 2 20 —365
BRITAIN OVERSEAS	41 11	37 10	50 9	50 7	47 6

II. STATISTICS OF COLLEGE DEPARTMENTS¶ (Excluding students of University College, London.)

				28							
1	Other students		-	1		7	6	1	1		1
	Diploma or Certificate		1	1	-	1	Н		1	1,.	1
passed	Post-graduate		1	Ī		36	-	Н	1	1	1
s p	Honours			2				7	5	5	7
Students	lst Year Honours		1	1	4	1	1	9	6	13	7
t of	Final			∞	7	-	1	19	60	n	20
Number	Subsidiary		Η'.	10	28	11		35	22	30	6
	Intermediate	-		6	1	1	7	19	6+5*	1	3
lal	Other students		Η	T	T	7	10	1.	T	1	
Sessional	Diploma or Certificate			1	1	1	H	Ī	İ.	i	İ
	Post-graduate		T	1	П	36	T	-	<u> </u>		1
kin	Honours		T	01	-	1	i	7	5		7
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Students taking Examinations	Final		-	00	7	-	.	22	4	~	∞
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Number	Intermediate		. 2	14	l,	1	7	21	17	1	9
	Other students				T	7	86			1	1
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Reg	sinonoH			- 2				7	5	7.0	7
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er	Final				10			23	4	<i>w</i>	00
Number of Registered Students	Subsidiary		7	. 12	39	11	1	51	33	39	12
	Intermediate		2	17		1	2	22	31		∞
			:		:	:	:	:	:	:	: :
	Department	Classics:	(a) Greek	(b) Latin	Economics	Education	Art and Crafts	English	French	Geography and Anthropology	German

History	:	:	21	33	11 7	5		=	19	30	10	7 5 -			11	25	10	6+1‡	5	1	1	1
International Politics	Politics		1		İ	1		-	ŀ	-	1				1		1	1		I	İ	1
Philosophy	•	:	26	21	7 2		1	<del>-</del>	24	18	7	1	1		17	16	7	Н		1	1	
Welsh	:	:	9	18	17 11	2 1	. !	1	9	18	13 -	- 2		-	4	14	11		7		i	1
Welsh History		:	21	1	1	1	<u>.</u> 		19		1	1			11	1			Н	Π	i	I
Botany	:	:	55	2.7	18 7	3 1	· 	-	50	25	15	.7 3		1.	32	18	18 13	5	3	1	i	ī
Chemistry	:	•	: 4	. 27	15	5	1	<del></del>	41	26	15+38	20		Ī	37	25	17		J.C		i	Ī
Geology		:	21	6	-4-	1	<u> </u>		18+18	6	-4-			1	16+18	9	-4-			1	i	I
Mathematics				∞	9	<u> </u>	<u> </u>	<u> </u>		∞	7.0	1	 :-		<u>-</u> 1	7	3	1	-		i	Ť
Do. Applied	.:	:	2	12			Ť	<del></del>	<del></del>	12+18	-0-		1,		-	10					i	1
Do. Pure	:	:-	7	21	13	<u> </u>		1	9	16	-13		1:	I	4	13	11-		1		İ	1
Physics	:	:	11	28	18 -	1	<del></del>	1	11	29	-18	1	.		10	15	16			1	Ī	1
Radio				23	10			1	1	.21	10	1	 <del></del> -		1	17	6	1	1		İ	
Zoology		:	40 21	21+6†	13	3 1	1.	1	36	19+3†	12	.3	 	Ţ	23	13+3†			3	1		
Law	:	:		17	3	6	<u> </u>	]		15	2	6	!	-	ŀ	.13	2	1	6		İ	
Music	:	:	-	7	4	3	1	47	-	7	4	3	 <del></del>	1	-	9	3		3		i	ī

\*The statistics relating to the Agricultural Department will be found in the respective departmental reports.
†Agricultural Zoology. †Granted Final. \$External Student. \*Granted pass at Intermediate Stage on result of Subsidiary Examination

#### III.--AWARDS HELD

1. Entrance Scholarships and Exhibitions were awarded as follows:— (a) Open Scholarships								
Award		Name of Student	School Attended					
David Davies	£40		Cyfarthfa Castle Secondary, Merthyr Tydfil					
Price Davies	35	Griffiths, Brenda M.	Girls' County, Porth					
Price Davies		Ware, Charlotte S.	Girls' County, Porth					
Sir Alfred Jones	25	Williams, William M.	Cyfarthfa Castle Secon- dary, Merthyr Tydfil					
Rendel Memorial	25	Howells, Jennie	Girls' County, Carmar- then					
Brereton	20	Jenkins, Enid G.	Girls' County, Barry					
Commercial		)	01115 00111199, -111119					
Travellers	20	Holmes, George A.	Ardwyn County, Aber-					
Machynlleth		1	ystwyth					
Eisteddfod Pri	ze 5		y sew y ch					
Distending 111	20 0,	•						
	(	b) Closed Scholarships						
Elizabeth Davies			Girls' County, Llanelly					
(Brynteifi)	2							
Humphreys-Ower	n							
Memorial	20	Griffiths, Megan	Girls' County, New-					
1/10/11/01/44	40	Similar, moguir	town					
Sir Alfred Jones	20	† Tones, Silvan	Boys' Grammar, Car-					
		(3, :	marthen					
David Morgan Th	nomas							
of Caterham		Davies, John E. E.	County, Llandyssul					
0	00	;, , , , ;						

2. Other Scholarships and Exhibitions were held by the following:—
(a) RENEWED FOR A SECOND YEAR

			Name of Student
Thomas Davies		. £50	Jones, Evan W.
Pritchard		. 30	Roberts, Robert
Dr. David Thomas	زجه زار وأحمد	. 25	Pinsent, Brian R. W.
Sir Alfred Jones (Open)		. 25	Lloyd, Marion C. M.
Commercial Travellers		. 20	Jones, Margaret E. G.
David Morgan Thomas of Ca	terham	30	*Owen, Meurig W.
Sir Alfred Jones (Closed)		. 25	Lewis, Audrey
Edward Jones		. 20	*Humphreys, Leslie H.

(b) RENEWED FOR A THIRD YEAR
David Davies ... £40 King, Mauvis C.
Mold Eisteddfod ... ... 15 Lewis, Joan O. M.

†Award held over owing to absence on National Service. \*Award held for 1 term only.

(c) Awards held for One Year Tom Jones Scholarship in Surgery . £25 Thomas, Anita J. Cynddelw Welsh Scholarship . . . 10 10 0 Evans, Elizabeth S.

#### INITIAL DEGREE EXAMINATIONS

S.—Subsidiary. F.—Final. H.1.—1st Year Honours. I.—Intermediate. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1943

S. Latin

I. English I. French

Faculty of Arts
I. French, I. Music Allen, Mary Newton Davies, Dorothy Ray Gurnosa

I. French Griffiths, Megan I. Latin I. Welsh Hughes, Mary Humphreys, Hubert Leslie I. French

Jones, Anne Dorothy Wynne Jones, Betty Ferrer Jones, Eric Orlando I. Latin I. History, I. Philosophy S. Economics I. Latin

Iones, Meiriona Parkinson, Clarice Eastelle Poole, Charles Keith Prothero, Ralph Mansell Rees, Gwendolyn Annie

S. English, S. Geography I. French
I. Latin
I. Latin

Thomas, Beryl Elizabeth
Thomas, Cicely Mary Delma
Thomas, Mair
Thomas, William Vernon Elias

French Translation Certificate granted to Miss Eirlys Watcyn Williams.

Faculty of Science
I. Physics
I. Chemistry

Davies, Terwyn Owen Evans, Megan Reece John, Catherine Helen Jones, Albert Leonard

I. Chemistry S. Pure Mathematics, S. Physics,

I. Chemistry

S. Chemistry I. Chemistry

I. Pure Mathematics

Jones, Margaret Jones, Thomas Aneurin Rees

McChesney, Glyn Melrose Powell, Henry Thomas Williams, Ann

I. Chemistry S. Chemistry, S. Zoology, I. Botany

Faculty of Science (Pre-Medical or Pre-Pharmacy)

Davies, Gareth Lewis Williams, Helen

I. Zoology I. Physics, I. Zoology I. Physics, I. Chemistry Williams, Humphrey Davies

Faculty of Rural Science

Davies, Glenys Rhiannon James, John Dyer Jones, Trevor

I. Chemistry I. Botany I. Chemistry

(b) June, 1944

Faculty of Arts
get F. English, H.1. French, S. Economics
I. English, I. History, I. Philsosophy

Absalom, Margaret Olivia Bridget Allen, Barbara Jean Allen, Mary Newton

Atkinson, Katharine Rosemary

S. English, S. Philosophy F. History, F. Economics, S. Constitutional Law

Avery, Olwen Eilonwy Baker, Beryl Crampton Beckett, Evelyn Marcia Homer

Bevan, Edythe Joan

Carter, Harold F. History, H.1. Geography
Christopher, Margaret Joan
Corfield, Alwyn Rosemary S. English, F. Geography
Coutouy, Yvonne Marguerite Marie
Davies, David Jacob
Davies, David Jacob
Davies, David Manda Davies, Dorothea Maude Davies, Dorothy Ray Gurnosa Davies, Eleri Eirug Davies, Elizabeth Verena

Davies, Emily Olivia Davies, Hannah Enid Margaret Davies, Jean Ethelwyn Davies, John Emyr Eirug

Davies, Mair Jeffreys Davies, Mary Olwen Davies, Mary Rhiannon Davies, Nesta Morfydd Davies, Rachel Mary Edwards, Heulwen Cicely

Edwards, Mary Elizabeth Edwards, Nancy

Emlyn-Jones, Nona

Evans, Drusilla Clee Evans, Elizabeth Evans, Elizabeth Sarah Evans, Llinos

Evans, Margaret Gwendoline

Evans, Mary Eira Evans, Morfydd Rita Evans, Nana Rowena Evans, Richard Edward Hughes (External) Evans, Ronwen

Farmer, Lorna Mary Finch, Ronald George Fordham, Freda Mary George, Denise Mary Jane George, Yvonne Suzanne Gough, Constance

Griffiths, Anne Jane

Griffiths, Enid Griffiths, Mair

H. French, II (2), and Oral Certificate I. English, I. History, I. Philosophy English, S. French, I. History, S. Philosophy Welsh, S. English, I. Philosophy,

H.1. Welsh, F. Education F. German, S. Education H.1. English, F. History, S. Philosophy S. Welsh, S. History, S. Economics S. Geography, I. French, S. Economics,

I. Geology H.1. Geography, F. History, S. Music H.1. Music, F. Latin

H.1. French, F. English, S. Education S. English, S. Welsh, S. Geography,

I. Geology I. Geology
S. History
I. English, I. History
H. Welsh, II (1)
H. English, II (2)
F. Welsh, S. Education
I. English, S. Welsh, I. History,

I. Philosophy
H. History, II (1)
S. Welsh, I. History, I. Philosophy,

S. Geography

S. English, S. German, S. History, I. Philosophy

H. Music, III F. Geography, F. French, S. Economics H. Welsh, II (1) S. English, S. Welsh, S. History,

S. Philosophy I. English, I. Philosophy, S. History, S. Welsh

S. Latin, S. English, S. History, I. French

H. History, II (1) F. English, F. History

I. History (at Swansea U.C.)

F. French, H.1. Economics, H.1. Geography

I. English, S. French, S. German H.1. German, H.1. French, S. Latin S. English, S. French, S. History H. English, II (2) H.1. French, H.1. German I. English, S. Economics, I. History,

S. Geography I. English, S. Welsh, I. History, S. Philosophy

H. German, II (1)

S. French, S. German, S. Education

Griffiths, Megan (Penygraig) Harrett, Margaret Olga Harries, Mairwen

Harris, Elizabeth Gwenllian Harry, Mary Gwyneth Hart, Joan Mary Hawkins, Cynthia Elizabeth Barbara Holmes, George Arthur

Howells, Jennie

Hughes, Elizabeth Beryl Hughes, Iona Vivien

Hughes, Joan Mary

Hughes, Mair Eluned

Hughes, Margaret Mair Adela Hughes, Mary Hughes, Nancy

Jacobs, Bertha Mary

James, Margaret Annie Mary

Jenkins, David

Jenkins, Dorothy Ilene

Jenkins, Elinor Jenkins, Elwyn Parry Jenkins, Enid Gwyneth

Johnson, Joan Margaret Jones, Arthur Jones, Audrey Mary Jones, Barbara Eleanor Iones, Barbara Iolen

Jones, Beryl Jones, Catherine Glyn

Jones, Dilys Ivor

Jones, Dorothy Margaret

Jones, Glenys Mair Jones, Lilian Mary Jones, Margaret Elizabeth Glennys H.1. English Jones, Meiriona Jones, Myra

Jones, Nancy Winifred Jones, Ruth Ellen Alice Kendall, Reginald James

H.1. History, H.1. Economics F. French, H. German, II (2) I. English, S. Welsh, I. History, I. Philosophy F. English, H.1. French, F. German S. Latin, S. English, S. French, I. German

H. Music, II (1), F. German

I. English, S. French, S. German

I. Latin, I. French, S. History, S. Economics

S. English, S. Welsh, S. History, S. Philosophy

F. German, S. French, S. Philosophy H.1. English, H.1. Philosophy, S. Education

S. English, I. French, S. History, S. Philosophy

F. English, F. Economics, S. Constitutional Law

S. History, S. Economics F. Latin, S. Education, H.1. Music I. English, S. French, I. Philosophy, S. Music

I. English, S. French, I. Geology,

S. Geography S. Welsh, I. Philosophy, S: Geography, I. Geology

S. English, S. German, S. History, S. Geography

H.1. Economics, S. Education, S. Constitutional Law S. English, S. Philosophy I. English, I. Geology

S. Latin, S. English, S. History, S. Philosophy

H. History, II (2)

H.1. Philosophy, F. Economics I. English, I. History, I. Philosophy H. French, II. (2), and Oral Certificate S. English, S. History, S. Economics

I. Pure Mathematics H. German, II. (2)

S. Latin, S. English, S. French, S. Philosophy

S. English, I. Welsh, I. German, S. History

S. Latin, S. English, S. French, S. German

H. English, II (1) I. English, I. History, S. Geography

H.1. History, F. English, S. Economics S. English, S. History, S. Philosophy, S. Economics

H.1. Welsh

H.1. History, S. French, F. English H.1. History, H.1. Economics

Kent, Isabel Sylvia King, Mauvis Clair Knapp, Rachel Kornell, Karel

Lawson, Brenda Mary Lewis, Audrey Lewis, Doris Winifred Anne

Lewis, Eleanor Nesta

Lewis, Joan Olivia Margaret Lewis, Mari Lewis, Mona Doreen Lewis, Nellie Jane Llewellyn, Alice Mary

Lloyd, Olwen Annie

Lloyd, Thomas Griffiths

Lott, Marjorie Edith Morgan, Änne Margaret Morgan, Heulwen Mills Morgan, Linda Martha Nancy Lewis H. Latin, I., F. Greek Morgan, Mari Averina Morris, Megan Irene Morris, Robert Thomas

Moseley, Mary Elizabeth Gwenhwyfar Naish, Lily Nicholas, Nesta Non Oakley, Howell

Owen, Trefor Meredith Parker, Joan Parkinson, Clarice Eastelle Parry, Winifred Nest Parsons, Roland

Phillips, Evan Arthur Byron Phillips, Mair Beynon

Phillips, Margaret Pickering, Sheila Rhiannon Powell, Olive Prothero, David Kempton Curtis Prothero, Ralph Mansell Prytherch, Peggy

Pugh, David Rosslyn Powell Pugh, Eirwen Evans Pugh, Evan Owen

Pugh, Hilda Margaret Reddin, Eileen May

S. English, S. French, S. Philosophy H. French, I. and Oral Certificate F. History S Economics, S. Constitutional Law, S. International Law H.1. French, F. Latin
F. English, F. History
I. French, S. Economics,
S. Pure Mathematics, S. Geography

I. Latin, I. English, S. Welsh, Philosophy H. German, I.

H.1. Welsh, F. English, S. Philosophy H. Geography, II (2) H.1. Welsh, F. English S. Welsh, S. French, I. History,

S. Philosophy

I. Latin, S. English, S. French, S. Constitutional Law S. Latin, I. English, S. Welsh,

I. Philosophy I. Greek, S. Latin, S. English, S. French

H.1 History, F. English H.1. Welsh, F. English H.1. Geography, F. English H. Geography, II (2)

S. History, S. Economics, S. Geography, I. Geology

I. English, I. French, I. Art, I. German

H.1. English, F. Latin, S. French H.1. History, F. English, S. Economics I. English, S. French, S. German, Philosophhy

S. English, S. Economics, S. Geography H. English, II (1) F. English, F. Welsh, S. Education I. Latin, I. English, Elementary Greek I. Latin, I. History, S. Geography,

I. Geology

H. English, II (2) I. English, I. Welsh, I. Botany,

S. Geography

F. Latin, H.I. Welsh.
S. English, S. History, S. Geography
S. English, I. Geology

H.1. English, F. Latin H.1. Geography, F. History

I. English, S. Welsh, S. Geography, Music

F. English, F. History, H.1. Philosophy F. English, S. Education, F. German I. Welsh, I. History, I. Philosophy,

S. Economics H. English, II (1)

H.1. French, H.1. Latin, H.1. Music

Redding, Bernard John Burgess, B.A.

Rees, Eleanor Mary

Rees, Gwendolyn Annie Rees, Margaret Elizabeth Gwenda

Rees, Olwen Marjorie Reeves, Kitty Nicholas Reidy, Margaret Richards, Joan Richards, Noeline Roberts, Agnes Freda

Roughton, Grace Amelia Rush, Olwen Evans Simon, Gwenfair Sivell, Mary Eileen Steele, Valerie Elizabeth Szaszova, Blanka Thomas, Beryl Elizabeth Thomas, Cicely Mary Delma

Thomas, Frances Anne Thomas, Gwladys Rhonwen

Thomas, Eirwen

Thomas, Hilda Elizabeth Thomas, Margaret Harriett Anne Thomas, Mary Elizabeth Megan Thomas, Olwen Thomas, Sarah Mary

Thomas, William Vernon Elias Timothy, Mydrim Lewis Tuck, Olwyn Mary Winifred Walters, Joyce

Ware, Charlotte Stephanie

Williams, Edgar Arthur (External) Williams, Eirlys Watcyn Williams, Elizabeth Megan Williams, Emlyn James Thomas Williams, Joan Hydon

Williams, Matty Williams, Wiliam Morgan

Williams-Jones, Wiliam Keith

H. French, II (2) and Oral Certificate

S. English, I. Geology, S. History, S. Geography

S. English, S. Economics

I. English, I. Welsh, I. French, I. Philosophy

H.1. Geography, H.1. FrenchF. History, S. Education, S. Economics

H. German, I

S. English, I. German H. Latin, I., S. Greek

S. English, I. French, I. Geology, S. Geography

H. Geography, II (1)

I. Latin, I. English, I. Philosophy

F. Welsh

H.1. Welsh, H.1. English S. History, I. Music

H. German, I

F. English, H.1. Geography H.1. Geography, F. History S. Latin, S. English, I. French,

S. History

H.1. French, F. Latin H.1. Economics, S. Education,

S. Constitutional Law

H. English, II (2) H. French, I and Oral Certificate I. English, I. French, S. Music

I. English H.1. Welsh, S. English, S. Economics

S. English

I. Welsh, I. History, I. Art, I. Geology.

F. German, S. French, S. Music

H. German, II (1) S. Latin, S. English, S. French, S. Philosophy

S. Constitutional Law H. History, II (2)

H. History, II (2) H. Music, II (2) I. Latin, S. German, S. History, I. Philosophy

Qualified for Pass B.A. in 1943 S. English, I. French, S. History, S. Geography

S. History, S. Economics

Faculty of Science

Adams, Julia Margaret Hannah Ader, Jiri Axson, Michael Beer, Michael King

Benbow, John Jones Bowen, Hannah

H. Botany, II (1) H.1. Chemistry, H.1. Physics S. Mathematics, I. Physics, S. Radio

S. Pure Mathematics, S. Geography, S. Geology

S. Mathematics, S. Physics, S. Radio

H.1. Zoology

Bowen, Ronald

Bryant, Betty Clarke, Kenneth Searle

Cuffin Mary Brenda

Dale, Peter Daniel, Thomas John

Davies, Annie Elizabeth

Davies, Brenda

Davies, Edna Gwenllian (External) I. Geology Davies, Eira Francis S. Econom

Davies, John Heddwyn

Davies, Mary Joyce Walters Davies, Rhys Glyn (External) Edge, Arthur Moore Edwards, Audrey Elizabeth

Edwards, David Hugh

Edwards, Desmond Lloyd Evans, David Daniel

Evans, Glenis Sybil Sarah Alice Evans, Gwilym Owen Evans, Megan Reece Evans, Rowland Arthen Evans, Thomas Enoch Pryderi

George, Thomas Emlyn George, William James

Goodman, Gordon Terence Grant, Elfryn Wynne Griffith, Thomas Ceiri Griffiths, Brenda May Griffiths, Margaret Elizabeth Griffiths, Megan (Newtown) Gruffydd, Meinir Harlow, Margaret Hill, Arthur Anthony Holmes, Lizzie Muriel

Hughes, Annie Elizabeth Humphreys, Janet Auburn James, Dennis Bryan

James, Gwyneth Martha (External) James, Mary Gaynor Jenkins, Eleanor Mary Jenkins, Ivor Lloyd Jones, Albert Leonard Jones, Barbara Marie

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

H. Chemistry, II (1)

F. Pure Mathematics, H.1. Physics, Adv. Radio

S. Pure Mathematics S. Chemistry,

S. Physics H.1. Chemistry S. Applied Mathematics,

S. Pure Mathematics, I. Physics, S. Radio

I. Botany, S, Zoology, S. Geography I. Chemistry, S. Botany, I. Zoology

S. Economics, I. Chemistry

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

I. Chemistry, I. Geology H.1. Chemistry

S. Mathematics, I. Physics, S. Radio H.1. Pure Mathematics, H.1. Applied Mathematics.

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

H.1. Geology

S. Pure Mathematics, I. Applied Mathematics, I. Physics, S. Radio I. Chemistry, I. Zoology, I. Geology

H.1. Zoology, H.1. Geology

S. Economics

H. Chemistry, I H.1. Pure Mathematics, H.1. Applied Mathematics, Adv. Radio

F. Pure Mathematics, H.1. Physics
S. Pure Mathematics, S. Applied
Mathematics, S. Physics, S. Radio
S. Chemistry, S. Botany, I. Zoology
I. Physics, I. Geology, S. Geography
S. Mathematics, S. Physics, S. Radio
S. Chemistry, I. Botany, S. Zoology
S. Botany, H.1. Zoology, F. Geography
S. Chemistry, S. Botany, S. Zoology
I. Botany, I. Zoology
H.I. Botany, F. Geology, F. Geography
S. Mathematics, S. Physics, S. Radio
H.1. Zoology, F. Geography,
S. Economics
H. Botany, I F. Pure Mathematics, H.1. Physics

H. Botany, I S. Botany, S. Zoology, S. Geography F. Mathematics, H.1. Physics,

Adv. Radio
H.1. Chemistry
S. Chemistry, I. Botany, S. Zoology
I. Chemistry, I. Botany, I. Zoology

S. Chemistry, S. Botany, S. Geology H.1. Chemistry, F. Physics

S. Economics, S. Chemistry,

Jones, David Alwyn

Tones, Edgar William

Tones, Evan William Jones, Glenice Lilian Jones, Jean Megan Jones, Margaret Jones, Percy Owen
Jones, Thomas Emrys Owen
Jones, Winifred
Laker, William Eric Lewis, Aileen Lewis, Robert Edward Pugh Lloyd, Marion Ceinwedd Mary Mackenzie, Donald Keith

# Marsden, James Peter

McChesney, Glyn Melrose McClelland, James Charles Morgan, Dylys Llywela Morgan, Nest Morris, David Alwyn Nicholas, Cecil Owen, John Desmond Owen, Robert Wynne, B.Sc. Owen, Wyndham Gethin

Pattimore, Dorothy Yvonne Pinsent, Brian Roy West Powell, Henry Thomas Rees, Catherine Rees, John Alun Rees, John Thomas Reynolds, Moyra Richards, Elizabeth (External) Richards, Richard Thomas Dennis

Roberts, Doreen Elizabeth Roberts, Hugh Ronald (External) Roberts, Joan Mary Wynne

Roberts, Mair Waldo Roberts, Phyllis Roberts, Robert Rogers, Peter Oliver Rumsey, William John Samuel, Gwilym David Silburn, Robert John

Slater, Florence Nellie Smart, Mary Kathleen

Stock, Irene Mary Thomas, David Eric F. Pure Mathematics, H.1. Physics, Adv. Radio

F. Mathematics, H.1. Physics, Adv. Radio

H.1. Chemistry, H.1. Botany

H. Botany, II (1)

F. Pure Mathematics, H.1. Chemistry F. Botany, H.1. Zoology

H. Chemistry, II (1) H.1. Chemistry, F. Physics

H. Chemistry, II (1) S. Mathematics, S. Physics, S. Radio I. Botany, S. Zoology, S. Geography

F. Physics, Adv. Radio. H.1. Zoology, H.1. Geography

F. Mathematics, H.1. Physics, Adv. Radio

S. Pure Mathematics, S. Physics, S. Radio, S. Applied Mathematics

S. Chemistry

I. Physics, S. Geology, S. Geography H. Pure and Applied Mathematics, II (2)

S. Economics, F. Zoology

H.1. Chemistry I. Geology

S. Physics, S. Radio H. Zoology, II (1)

I. Pure Mathematics, S. Geology, S. Geography

I. Botany, S. Zoology, S. Geography H.1. Chemistry, H.1. Physics S. Chemistry, S. Botany, S. Zoology S. Chemistry, I. Botany, S. Zoology

S. Mathematics, S. Physics, S. Radie

I. Chemistry, I. Physics S. Botany, S. Zoology, I. Geology

S. Geography

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Geology, H.1. Geography

H.1. Chemistry

F. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Botany, S. Geography H. Zoology, II (2)

H.1. Chemistry, H.1. Physics

F. Physics, Adv. Radio

F. Pure Mathematics, F. Physics

S. Applied Mathematics

I. Pure Mathematics, S. Applied Mathematics, I. Physics, S. Radio H.1. Botany, H.1. Zoology

S. Pure Mathematics, S. Geology, S. Geography

S. Chemistry, S. Physics

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio Thomas, Kathleen Elizabeth

Thomas, Menna Thomas, Thelma Treharne, Gwynneth Treweek, Donald James

Vaughan, Irene Walters, Trevor Salmon

Weale, John Walter Weale, Kenneth Edward Wilcox, Haydn Joseph Wilkinson, Ernest Malcolm Williams, Alwyn, B.Sc. Williams, David Gerald

Williams, Doris Evelyn Williams, Elizabeth Ölwen Williams, Gwilym Rhys Williams, Megan Briall Williams, Robert Gwilym

Wood, Lilian Frances Penelope Wvatt, Peter Arthur Harris

Frost-Smith, Brian Meredith Parry, John Henry

Phillips. Buddug

Faculty of Rural Science

Ashby, Andrew Wilfred

Barling, David Mansel

Bevan, Edward Alan

Beynon, Victor Howel, B.Sc.

Breese, Edward Leslie Bundy, John Walford Caukwell, Vivian Gwen Charles, Hugh Daniel John Davies, Daniel Vernon Davies, Mary Ceinor Davies, William Ellis, B.Sc. Dubuis, Marguerite Elizabeth Edwards, Lynn

Edwards, Rhys Alun Evans, Thomas Arthur Evans, William Gordon Fidler, Douglas Nigel

Fitzpatrick, Margaret

F. Botany, H.1. Zoology S. Economics, I. Zoology, I. Geology H.1. Botany, H.1. Zoology H. Zoology, III I. Pure Mathematics, I. Applied Mathematics, I. Physics

I. Chemistry, I. Botany, I. Zoology H.1. Pure Mathematics, H.1. Applied Mathematics

F. Physics, Adv. Radio H. Chemistry, I I. Botany

H.1. Chemistry, H.1. Physics

H. Geography, I H.1. Pure Mathematics, H.1. Applied Mathematics

S. Zoology H. Geography, III S. Chemistry, S. Zoology I. Chemistry, S. Botany, I. Zoology S. Pure Mathematics, S. Geology,

S. Geography

H.1. Botany, H.1. Geography H.1. Chemistry, H.1. Botany

Faculty of Science—Pre-Medical and Pre-Pharmacy)
rian Meredith I. Chemistry, I. Physics, I. Botany
enry I. Chemistry, I. Physics, I. Botany, I. Zoology

I. Chemistry, I. Physics, I. Zoology

F. Agriculture, H.1. Economics with Agricultural Economics

S. Botany, S. Agriculture, S. Agriculural Chemistry S. Botany, S. Agriculture, S. Agricultural Chemistry

H. Economics with Agricultural Economics, I I. Chemistry, I. Botany, I. Zoology I. Chemistry, I. Botany, I. Zoology

I. Chemistry, I. Botany I. Chemistry, I. Physics

I. Chemistry

H. Chemistry, I. Botany, I. Zoology H. Agricultural Botany, II (1) I. Chemistry, I. Botany H.1. Botany, F. Agriculture,

S. Agricultural Chemistry

I. Chemistry, I. Botany, I. Zoology F. Botany, S. Agricultural Botany

I. Chemistry, I. Botany, I. Zoology H.1. Botany with Agricultural Botany, H.1. Agriculture, S. Agricultural

F. Agriculture, F. Economics with Agricultural Economics

Frick, Eric Lionel

Galliver, George Bruce

George, Margaret Enid Grenfell, Enid, B.Sc. Gwynne, David Clifford

Harris, James David Angell

Hourahane, Kathleen Theresa Howells, John Cecil Hughes, Harold Victor Hughes, Roy

james, John Dyer

Jenkins, John Ellis Erasmus John, Catherine Helen

Jones, David Hemingway Jones, John Dewi Jones, Meirwen Jones, Richard Evan Jones, Thomas Griffiths

Jones, Thomas Samuel

Jones, Trevor

Jones, William Dillwyn

Jones, William Dyfri

Kowal, Jan Marian Leopold

Lewis, Dyfed

Lewis, Joseph

Lewis, Patricia Loughman, Brian Crayford

Morgan, John Toriel

Owen, George Gordon

Palmer, Christine Mary

Phillips, Winifred Maisie Pinner, Robert Hans

S. Chemistry, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

S. Agricultural Botany, F. Agriculture, H.1. Chemistry with Agricultural Chemistry

I. Chemistry, I. Botany
H. Agricultural Botany, II (2)
F. Botany, F. Agriculture,
S. Agricultural Botany
I. Chemistry, I. Physics, I. Botany, I. Zoology I. Botany, I. Zoology

I. Chemistry, I. Zoology
I. Chemistry, I. Botany, I. Zoology
I. Chemistry, S. Botany, S. Agriculture,

S. Agricultural Botany

H.1. Chemistry with Agricultural Chemistry

I. Chemistry, I. Botany, I. Zoology S. Botany, S. Agriculture,

S. Agricultural Chemistry

I. Chemistry, I. Botany, I. Zoology I. Chemistry, I. Physics, I. Botany I. Chemistry, I. Physics I. Chemistry, I. Zoology S. Economics, S. Agriculture,

Chemistry

S. Chemistry, S. Agriculture, S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Botany, S. Agricultural Zoology S. Chemistry, S. Agriculture,

S. Agricultural Chemistry

H.1. Economics with Agricultural Economics, F. Agriculture, S. Agricultural Zoology

S. Chemistry, S. Agriculture, S. Agricultural Chemistry, S. Chemistry, I. Botany, S. Agriculture,

S. Agricultural Chemistry

S. Botany, S. Agriculture, S. Agricultural Chemistry

H.1. Botany, H.1. Zoology

S. Chemistry, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

S. Chemistry, I. Botany, S. Agriculture, S. Agricultural Chemistry

S. Chemistry, S. Agriculture, S. Agricultural Chemistry, S. Agricultural Botany

H.1. Botany, F. Agriculture, S. Agricultural Botany

S. Zoology, S. Agriculture

S. Chemistry, S. Agriculture, S. Agricultural Chemistry

Platt, Glyn George Price. Owen Thomas William

Rees, William Ronald

Rock, Edward Peter Seal, Annie Bernice

Smitham, Robert John

Swalwell, Joseph Gordon Thomas, David Glyndwr Millewis

Thomas, David Gwynfor

Thomas, Mary Devonald

Thomas, Rhys Gareth Thomas, Robert Llewelyn

Thomas, William David Bryn Wade, David William Howard

Williams, Gordon

Williams, Gwynn Lloyd

Williams, Hywel

Williams, James Brynley Williams, John Vivian

Bird, Graham Spencer

Griffiths, Raymond

Harris, Russell John

LL.B. Hughes, Ivor

Davies, Thomas Robert

James, Barbara Challice

Matthews, Owen Lloyd

Rees, Dorothy Vereen

Thomas, John Dudley

Williams, Anne Brenda Williams (nee Hughes), Mrs.

Thomas, David Ian

Williams, Ieuan

Hughes, David Emrys Cwyfan,

Jenkins, Sarah Margaret Hamer Lewis, Ivor Wyn

Gwladys Margaret Vivian

I. Chemistry, I. Botany, I. Zoology

S. Economics, S. Agriculture, S. Agricultural Chemistry. S. Agricultural Botany

S. Agricultural Botany, H.1. Chemistry with Agricultural Chemistry

I. Chemistry, I. Physics, I. Botany H.1. Botany, F. Agriculture, S. Agricultural Botany

S. Chemistry, I. Botany, S. Agriculture, S. Agricultural Chemistry

I. Chemistry, I. Botany S. Botany, S. Agriculture,

S. Agricultural Chemistry F. Botany, F. Agriculture, S. Agricultural Botany

H.1. Agriculture, F. Zoology (including Agricultural Zoology)

I. Chemistry

S. Chemistry, S. Agriculture, S. Agricultural Chemistry

I. Zoology

H.1. Botany, F. Agriculture,

S. Agricultural Botany F. Botany, F. Agriculture, S. Agricultural Botany

S. Botany, S. Agriculture, S. Agricultural Zoology, S. Agricultural Botany

S. Chemistry, I. Botany, S. Agriculture, S. Agricultural Chemistry

I. Chemistry, I. Botany, I. Zoology

I. Chemistry

Faculty of Law (New Regulations)

H. Law, I Part I. H. Law, I

Part I (except Contract and Tort) H. Law, II (1)

Part I Part I

H. Law, II (2)

H. Law, II (1)

Part II

H. Law, II (1) Thomas, Hywel Gruffydd Edwards Part I

Qualified for Pass LL.B.

H. Law, II (2) H. Law, II. (2)

Part I

Faculty of Law (Old Regulations)

Goring-Thomas, Rhys (External) Part II Common Law, Part II Conveyancing and Equity

# Hosea, John (\*)

Part II Common Law,

Part II Conveyancing and Equity.

(\*) Examinations taken in Prisoner of War Camp through Red Cross Scheme.

# Faculty of Music

Thomas, Gerwyn Lynn

S. Theory of Music (including Composition), S. History of Music

# V. HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff:

Degree of M.A. Department David Gwynfor Lewis, B.A. English Gwilym Idris Thomas, B.A. Education Rosalind Mona Whyte, B.A. Geography

Degree of M.Sc.

B.A.

Donald Ramsay Arthur, B.Sc. Zoology Ronald George Evans, B.Sc. Zoology Stanley John Hughes, B.Sc. Botany Glyn Myrddin Phillips, B.Sc. Agriculture

# VI. EXAMINATIONS FOR DIPLOMAS AND CERTIFICATES, 1944

# University Diploma in Education

	Writte	ina- Practi	
Davies, Enid, B.A.	II	II	
Davies, Margaret Fay, B.A.	I	II	
Davies, Margaret May, B.A.	II	II	
Davies, Nansi Angharad, B.A.	II	. II	
Davies, Roberta Gwendoline Mary, B.	A. II	II	
Elliott, Joyce, B.A.	II	II	
Forty, Valerie Gall, B.A.	II	II	
Gwilym, Haf, B.A.	II	. I	
Hughes, Megan, B.A.	II	II	
James, Randal Reginald, B.A.	II	II	
John, Margaret Bowen, B.Sc.	I	I	(with distinction)
Jones, Eurwen, B.A.	$\Pi$	II	
Jones, Felicia Margaret, B.A.	II	· II	
Jones, Kathleen, B.A.	II	· II	
Jones, Luned Mary, B.A.	· II	· II	
Jones, Mair, B.A.	II .	II	
Jones, Olwen Mair, B.A.	$\Pi$	II	
Louks, Beryl Brenda, B.A.	II	II	
Morgan, Eluned, B.A.	. II	· II	
Morgan, Joan, B.A.	II	II	
Morgan, Megan, B.Sc.	. II	II	
Pedler, John Lewis, B.A.	II	II	
Phillips, Margaret Eluned Bateman,	11	II	

Phillips, Mary Megan, B.Sc.	II	II
Richards, Doreen, B.Sc.	II	II
Roberts, Pamela Frances, B.A.	II	·II
Stacey, Betty Irene, B.A.	II	II
Thomas, Catherine Mary, B.A.	II	II
Thomas, Elizabeth Ann, B.A.	II	II
Thomas, Elizabeth Gwendoline, B.A.	$\Pi$	II
Williams, Betty, B.A.	II	II
Williams, Joan, B.A.	II	II
Williams, Joan Olive, B.Sc.	II	II
Williams, Matty, B.A.	II	II
Williams, Menai, B.A.	II	I
Williams, Rosamund, B.Sc.	II	II

BOARD OF EDUCATION TEACHERS' CERTIFICATE The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list.

### College Diploma in Dairying

Charles, Catherine E. S.	Hughes, Delyth, B.
Davies, Jennie C.	Jones, Gwyneth M.
Edmunds, Sarah B.	Jones, Nora J.
Evans, Sarah C.	Pugh, Jane E.
Gare, Ruth	Richards, Valerie E.
Griffiths, Letitia M. A.	Sanders, June
Hemming, Bervl C.	Smith. Phyllis K. B.

COLLEGE CERTIFICATE IN DAIRYING Davies, Mary A.

CERTIFICATE IN BIBLICAL STUDIES Class I Williams, Menai B.A.

College Certificate—Youth Training Course Tenkins, Nancy Richards, Hilda M.

### VII. DEPARTMENTAL REPORTS

#### CLASSICS

# Professor E. D. T. Jenkins

I regret to report that the number of students in this Department has again declined, although this decline has enabled the staff to devote more individual attention to students. The examination results may be considered highly satisfactory, both in Pass and Honours, and especially so in the latter,

as both candidates in Latin were placed in the First Class.

The impending return of University College to London makes fitting on our part a farewell expression of warmest thanks to its Classical Staff—Professor M. T. Smiley, Dr. J. F. Lockwood and Dr. H. H. Scullard—for their most helpful co-operation and friendship during the time they have been amongst us, and of sincerest good wishes for the future.

# ECONOMICS AND POLITICAL SCIENCE

#### Professor R. B. Forrester

The general level of attainment was of good average standard. While the Subsidiary Class shows a higher percentage of failures than last year, its quality was distinctly better. The Final Class worked well, and there were some promising students who are, however, unable to pursue their course further. Mr. Beynon, who took Honours in the combined group of Economics with Agricultural Economics, attained a very competent and promising First Class. One graduate student, Mr. Philip Watkin, B.A., has worked upon a thesis dealing with the working conditions of the Automobile Industry in this country (1921-1929) and has shown considerable aptitude in his studies.

# EDUCATION

# PROFESSOR IDWAL JONES

On the whole, the standard of work in the professional course was very satisfactory, but not outstanding, one student reaching distinction standard. An interesting feature of the year, however, was the high level of work in the Final and Subsidiary classes. Mr. G. I. Thomas has been awarded the degree of M.A. for a thesis dealing with the history of Music teaching from the beginning of the nineteenth century to the present time.

The Department expresses its thanks to Headmasters and Administrators for their valuable help in difficult circumstances. The schools in some cases have also benefited greatly through unusual arrangements made for teaching practice. As usual, Professor Chapple gave a lecture to the Department.

The course in Biblical Studies was continued for students in the second year, and one student in the fourth year successfully completed the course,

being placed in Class I.

A new departure was the training of two youth leaders under the Emergency Scheme. The experiment was valuable and the students benefited greatly.

Members of Staff were called on to give lectures and courses of various kinds, whilst informal discussions have taken place on the problems of teacher-

training. A section of the McNair Committee visited Aberystwyth.

The Department welcomes the appointment of Miss H. M. Waddington, who came to us from Liverpool, as Instructress in Physical Training.

#### ARTS AND CRAFTS

# ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

Mr. Gapper reports :—

"The outstanding work done during the Session was that by the first and second year Training Students. Their progress was above that of average years

years.

"The work of the fourth year students was well up to standard, two obtaining Credits in Art, and two in Educational handicraft. This was a lively class, conscious and sensitive to the scope and the appreciation of the subject.

"Miss Audrey Bridgeman, A.R.C.A., was appointed assistant in the Department in succession to Mrs. Clarke-Lowes, A.R.C.A. In 1922 Miss Bridgeman was awarded the Travelling Scholarship of the Design School, Royal College of Art.

"The Department was responsible for the C.E.M.A. Exhibition of the work of Mr. David Jones, held at the College and in the Aberystwyth Town

Hall. The Exhibition proved highly successful.

"I was consulted and asked, in conjunction with representatives of the Chief Engineer to the Admiralty at Liverpool, to prepare designs for a Memorial to H.M.S. Thetis, to be erected in due course at Holyhead.'

### THE CRAFT GALLERY

CURATOR: MR. R. L. GAPPER

Several pictures were selected for hanging in the Staff Common Room

and others were kept in circulation in the Departments.

A number of exhibits are being assembled to show students the stages in the production of various crafts. This Session a case devoted to etching was on view.

The stored Museum exhibits in the College basement are now in a more satisfactory condition and show less signs of deterioration than was at first anticipated. Doubtful cases have been removed to the Art Department.

No additions were made during the Session.

# **ENGLISH**

# PROFESSOR GWYN JONES

Work and results in the Department this year have been at a good general The Intermediate Class has been the best for many years, but the percentage of failures at the Subsidiary stage higher than usual. The Final Class did well, for three of the five failures were external students.

Honours Class was worthy, but uninspired.

The departure of University College, London, is an occasion to indicate how well the two Departments of English have worked together these last Professor Sisson was responsible for much of the Shakespeare study of the First and Second Year Honours Classes in U.C.W.; Dr. Batho took over all the nineteenth century lectures at the Honours stage, and gave some help with Langland and Gower; the value of Dr. Sweeting's services with the Middle English texts becomes even more apparent now that we are left with the awkward problem of replacing them. As a partial return, Professor Gwyn Jones was responsible for the U.C.L. study of the text of "Beowulf" and for some of their Old Icelandic, and a considerable number of U.C.L. students have for the last three years sat in at his lectures on the literature and thought of the eighteenth century. It should be emphasized that this collaboration has been unselfish and cordial, and on our side we cannot too warmly thank our U.C.L. friends for their invaluable and wholehearted help. The two English Societies have worked hand-in-hand, first as collaborators and for the last two years as one Society.

The Department has this year maintained a discussion group in contemporary English literature on Monday afternoons during the first two terms. It has however been impracticable to open it to other than Honours students.

We are happy to record Emeritus-Professor J. W. H. Atkins's latest service to scholarship in our list of publications.

### Publications

Professor Gwyn Jones

The Vatnsdalers' Saga. Pp. 158. Princeton U.P. for the American-Scandinavian Foundation. London, H. Milford.

Editor: The Welsh Review.

Miss W. M. KELLY

Review: Margiad Evans, "Autobiography," in W.R., III, 1 (March, 1944.)

EMERITUS-PROFESSOR J. W. H. ATKINS

English Literary Criticism: The Medieval Phase. C.U.P.

#### FRENCH

### Professor Andre Barbier

The work of the Department was conducted on the same lines, and in the same conditions as last Session. The general weakness of students entering College immediately after passing the School leaving certificate or the Matriculation examinations, noted in my last report, was confirmed this Session: they came ill-prepared in the subject, and although most of them worked reasonably well, considerably more than half their number failed at the University degree examination in June. The Subsidiary and Final classes did well, and the results were satisfactory. The Honours class showed remarkable keenness and intelligence and was the most interested and interesting of recent years.

Again Professor Idwal Jones kindly permitted Dr. Hywela Saer to devote a considerable part of her time to the Department of French; with her assistance and that of Dr. E. M. Phillips, the essential University work was carried out. I must be allowed to thank both of them heartily for their very generous'

and valuable co-operation in difficult circumstances.

### GEOGRAPHY AND ANTHROPOLOGY

ACTING HEAD OF DEPARTMENT: MR. WALLACE E. WHITEHOUSE

Professor Forde was again absent for the complete Session while Mr. Fogg's appointment to a War Ministry post last summer also deprived the Department of his services. That the work continued to develop was largely the result of the continued, in fact increased, help given by the Staff of University College, London. Professor Fawcett, Mr. Smailes and Miss Youldon each contributed a Regional Course of Honours or Final Grade while Professor Fawcett continued his Course on Political Geography for Final students.

Mr. Alwyn Williams, who obtained a First Class in Honours, also gave

valuable tuition assistance in the Surveying and other Practical classes.

The number of students showed a slight increase; all five Honours and the sixteen Final candidates were successful. Miss Roughton (II 1) also did very good work in Honours. At the Final grade, the work of Miss Roberts,

Mr. Carter and Miss Lloyd was outstandingly good.

Mrs. Whyte gained the M.A. degree with her Land Utilisation studies, while Mr. Bowen continued to direct several pieces of higher degree research some of which are nearing completion. For the fourth Session, I assisted the S.T.C. with Military Map Reading classes and continued my honorary N.F.S. Staff work at Regional Headquarters.

# GERMAN

# PROFESSOR DAVID EVANS

The work during the Session has been good and particularly so at the Honours stage. It was the biggest class ever to take Honours in German and three were placed in Class I. The Honours class next Session will be small, if there will be one at all, owing partly to the limitation of courses for those entering College over eighteen years of age.

I am very obliged to Miss A. Bluemel and Dr. Maurer (U.C.L.) for in-

valuable help during the Session.

### HISTORY

### PROFESSOR R. F. TREHARNE

The most interesting new feature of the Session's work was an attempt by the First Year Honours students, prompted mainly by the initiative of one of their number, Mr. R. J. Kendall, to apply to their studies some of the sounder and more practicable proposals advanced by the National Union of Students in its recent suggestions for modifying established practices of study The proposals presume a much wider intellectual curiosity. and teaching. more active initiative, and keener intelligence than most students nowadays possess, and it was therefore natural that the attempt should be only partly Nevertheless, assisted by considerable (if sometimes very critical) co-operation from the members of the staff, these attempts achieved some useful results, in stimulating investigation and discussion by the students themselves, and in showing some of them, at least, how much they are apt to take for granted and how thin is the ice over which they often skate. It was an experiment well worth making, and in better times it would have met with much greater success; but in a very mediocre year it was inevitable that nearly all the effort and initiative came from the same two or, at most, three students, the rest remaining passive. It is to be hoped that future years, in more normal circumstances, may continue the attempt, which, suitably guided, might go very far in realising the possibilities of the seminar system and the tutorial essay class.

The material of the Intermediate class has again been almost incredibly poor, and without the constant spur of tutorial work and essays, the proportion of passes at this stage would have been very much lower. The chief causes of failure here are intellectual immaturity, indifference, or even hostility, to study and learning, and sheer illiteracy: our Intermediate entry nowadays fully justifies the worst strictures of the Norwood Committee on the teaching of English in secondary schools. For would-be Honours students entering at the Subsidiary grade, inadequate preparation in French and Latin has again proved a very serious, even a fatal, handicap; while the lack of means to provide a full tutorial system for the Subsidiary class is the chief defect to be remedied by us in the anticipated post-war expansion.

The History Society, despite great difficulties, has enjoyed an active and useful Session, thanks to the initiative of a few of the older students. Their enterprise showed in the issue of the two first numbers of a small magazine of considerable and serious ambitions: if it survives and takes root, it may

prove a very useful feature of the Society's programme in the post-war years.

Mr. Herbert and Mr. Johnston energetically continue the organisation of the work of the Regional Committee for Adult Education in H.M. Forces: all members of the departmental staff have taken part in the giving of lectures under this organisation. Mr. Johnston has taken over the Aberystwyth extra-mural class in Current Affairs, and has persuaded its members to undertake the full Tutorial obligation. I have conducted a "one-day school" in current affairs for the W.E.T.U.C. at Risca, and also addressed the Port Talbot branch of the W.E.A. on international affairs.

It is with the deepest regret that we record, as casualties among our former students, the names of Alun Lewis, a young poet and writer of great promise, killed in Burma, and of B. G. Squires, the leading student of his

year (1940-1) reported missing, believed killed, in Italy.

#### INTERNATIONAL POLITICS

### PROFESSOR E. H. CARR

No students were registered for courses in the Department during the Session. The Professor delivered two public lectures in the Michaelmas and Easter terms. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments: Miss Morris has continued to act as Librarian.

#### PHILOSOPHY

### PROFESSOR R. I. AARON

The Department retained its numerical strength. The importance of the subject is appreciated the more now that enquirers in every sphere of learning are beginning to be concerned about the philosophical foundations and presuppositions of their enquiries. Also, as there is inevitably so much stress on vocational subjects to-day an introduction to a merely cultural and non-vocational subject such as philosophy is proving valuable.

The work of the students as a whole was good, particularly so in the case of the group of Higher students who took Subsidiary. On the other hand, the Intermediate class seemed to have more weaklings in it than usual. The

senior students, of whom few were left at the end of the Session, worked well.

A past student, Mr. D. J. Davies, who took a First in this Department. three years ago, has just been awarded the Burney Studentship for Philosophy of Religion by the University of Cambridge. During the Session the Head of Department was invited to deliver the Annual Philosophical Lecture for 1945 to the British Academy.

#### Publications

Professor R. I. Aaron

Our Knowledge of One Another, Philosophy, April, 1944. pp. 63-75.

DR. DAN DAVIES

Gwyddoniaith a Chrefydd. Efrydiau Athronyddol, 1943. pp. 3-22.

Mr. J. R. Jones

Cristnogaeth a Democratiaeth: Y Traethodydd. Ebrill, 1943, tud. 49-61. Credaf: Llyfr o Dystiolaeth Gristionogol, dan olygiaeth J. E. Meredith, tud. 101-116.

Anerchiadau Cymdeithasol: Y Parch. D. James Jones, M.A. a J. R. Jones, M.A. Llyfrfa'r Methodistiaid Calvinaidd: tud. 29-51. Y Cymro, Sadwrn, Chwef. 12, 1944. Adolygiad ar Efrydiadau Athron-yddol, 1943.

# WELSH

# PROFESSOR T. H. PARRY-WILLIAMS

The work of the Department was conducted on the usual lines. As in recent years, the Intermediate Class was small and of moderate standard. The Subsidiary Class contained some very promising first-year students. There was a good Final (plus First Year Honours) Class. The two students left of the Second Year Honours Class did very creditable work. Both were placed in the Second Class (First Division).

#### Publications

PROFESSOR T. H. PARRY-WILLIAMS

O'r Pedwar Gwynt (Llyfrau'r Clwb Cymreig), 1944. Ail Epistol Paul at y Corinthiaid. Cyfieithiad Newydd. (Gwasg Prifysgol Cymru), 1944. (Cyd-gyf.)

Mr. D. GWENALLT JONES

"Solomon Gessner yn Gymraeg," N.L.W. Journal, III (1943).

Mr. Thomas Jones

Ystori Bob Nos (Gwasg Aberystwyth), 1944.

Ystorya Erkwlf'' (parhad), Bull. of Bd. of Celtic Studies, XI, 85-91.

" Brutus, Yr Athro, xvi, Rhif 6 (1943), 86-8.

"Hanes Llywelyn ap Iorwerth a Chymwrig Goch o Drefriw: Dau Fersiwn o'r Chwedl Werin," N.L.W. Journal, 1944.

Review: Yr Elfen Ladin yn yr Iaith Gymraeg (Henry Lewis), Baner ac Amserau Cymru, 29, iii, 1944.

Mr. Garfield H. Hughes

"Dyddiadur Edmund Evans" (N.L.W.), Yr Eurgrawn, 1944.

# WELSH HISTORY

# REPORT BY PROFESSOR R. F. TREHARNE

Once more this aspect of the essential work of the College owes its continuance entirely to the help of Mr. I. ap Owen Edwards, who has made time, from all of his other work, to take the Welsh history hour of the Intermediate class and the Special Subject (Tudor Wales) for History Honours students wishing to do advanced work in this field. Mr. Edwards reports a successful year's work, with some interesting and appreciative students.

#### BOTANY

#### Professor Lily Newton

This Session, 111 students have been registered, and the accommodation has in consequence been taxed to the utmost. Several students from University College, London, have again been accommodated in the Department. The appointment of Mrs. Hudleston as a temporary part-time demonstrator has been a great help in dealing with the unusually large classes. The standard of work in the Honours class has been above the average, and Miss A. E. Hughes obtained a good First Class Honours Degree.

I have continued my work as Honorary Algologist to the Vegetable Drugs Committee of the Ministry of Supply, and the appointment of Miss E. A. Lewis, M.Sc., as my research assistant has been renewed for a further year. A British agar has now been made, and is available for use in bacteriological laboratories, the responsibility for the location and harvesting of the necessary seaweeds having been borne by this department. In this work, the services of Mr. Carter have again been very valuable.

Dr. Wilson has continued her investigations of diseases affecting Flax,

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in addition to carrying out other research work.

It is again my pleasure to acknowledge gratefully the many gifts of books and plants which we have received during the Session.

### CHEMISTRY

# PROFESSOR T. CAMPBELL JAMES

In presenting his last report as Head of the Department and Director of the Edward Davies Chemical Laboratories, the Professor desires to acknowedge with gratitude the unfailing help and courtesy he has received during a long period of service from the Council, his fellow members of the Senate and the Staff of the Department. In surrendering his charge to his former pupil and successor, Dr. Cecil W. Davies, he is confident that he leaves the Department in safe hands and that new opportunities of expansion and progress will be fully realised.

Staff: Colonel Hudleston has continued on military duty and occupies an important position as a Staff Officer. Mr. Bury left the Department at the beginning of Session to take up a temporary post as a research chemist under I.C.I. The consequent reorganisation of the Department was achieved through the retention of the services of Dr. K. Heller, while Dr. W. M. Ashton, of the Agricultural Chemistry Department, carried out part-time service.

The tragic death of Dr. D. Gwynne Davies in March caused further difficulties which were surmounted by the good offices of the professor-designate, who came to deliver a course of lectures and to assist in the degree examinations. Professor Ingold, Mr. Terrey and Dr. Poole, all of U.C.L., gave assistance in lecturing and examining work and helped materially in

relieving a difficult situation.

Intermediate: This class of 47 students (including 3 from U.C.L.) was conducted by Dr. W. M. Ashton (lectures) and Dr. K. Heller (practical), assisted by members of the Honours and Final classes, who acted as laboratory demonstrators. That the experiment was successful and the procedure beneficial to students and demonstrators alike is amply borne out by the examination results.

Subsidiary: A good keen class with very good examination results. Final: An excellent class which reached an exceptionally high standard

in the degree examinations.

Honours: This class consisted of 5 members, who did excellent work throughout the Session. Messrs. R. A. Evans and K. A. Weale obtained First Class Honours and Misses B. Bryant and M. Jones and Mr. P. O. Jones

were placed in Class II, Division I.

Dr. D. Gwynne Davies: The loss of Dr. D. Gwynne Davies has been a serious blow to all the members of the Department, who deeply regret the passing of a very good friend and colleague and an exceptionally gifted teacher. In addition to his departmental work, he gave devoted and unselfish service to the College in many directions, in all of which his insistence on thoroughness and efficiency was the outstanding characteristic.

# GEOLOGY

### Professor H. P. Lewis

There was an increase of ten in the number of students sitting the sessional examinations, compared with the previous Session. The quality of the work produced at the Final stage remained good, but at the Subsidiary and Intermediate stages, with all too few exceptions, it was below the usual level. Ten students attended the field-class at Dolgelley for a week in March. Four students of University College, London, received instruction in the Department. Mr. J. I. Platt has lectured to the troops on numerous occasions in camps throughout West Wales.

I acknowledge, with particular pleasure and gratitude, the gift to the Department of a large and valuable collection of fossils from my friend and former headmaster, Mr. Humphrey Lewis, of Criccieth. Grateful acknowledgment is also made to Professor W. F. Whittard, of Bristol, for several rare rock-specimens, and to Mr. J. B. Willans for his annual gift of *The Advancement of Science*.

#### Publications

PROFESSOR H. P. LEWIS

"A note on an abnormal specimen of *Echinocardium cordatum* (Pennant)." Annuals and Mag. Nat. History, Ser. 11, Vol. xi, p. 70, 1944.

### APPLIED MATHEMATICS

# Mr. Thomas Lewis

Except in the case of the Final class, which was one of the best in my experience, the work of the students in the Department calls for no particular comment. Additional courses of Subsidiary and Final grades were provided for Radio Bursars, who take a composite course in Mathematics. This has been made possible by the contraction of Honours and Postgraduate work.

A group, consisting of members of the Physics Department and myself, has met regularly during the Session to discuss recent advances in mathematical and experimental Physics. It is hoped to continue and expand this kind of activity when circumstances allow the return of postgraduate students.

#### PURE MATHEMATICS

# PROFESSOR V. C. MORTON

Owing to war conditions our Second Year Honours Class was unusually weak. Apart from this the work done in the Department was, on the whole, good. The First Year Honours Class was particularly strong; all but one will leave this year for National Service, but will return, I hope, after the war to take Honours. This year, for the first time, we have offered a Final course in Mathematics, combined Pure and Applied, for the sake of our Radio Bursar. It may be possible, with some strengthening, to develop this course into a useful course for science specialists after the war.

Once again we have been able to fit a few London students into our

classes.

### PHYSICS

# ACTING HEAD OF DEPARTMENT: Mr. I. C. JONES

The number of students in the Department has decreased during the Session, but is still high, accommodation having been provided for a total of

94 students, including 37 members of University College, London.

The Ministry of Labour, through the Central Register and the Wireless Personnel Committee, absorbs the whole output of the department, and its demands have been on an even more intensive scale. The need for technical personnel of a highly trained type, as represented by the good Honours graduate, has decreased, but the demand for men with a less complete academic training in pure Physics, but with advanced knowledge of radio, has increased very greatly. It follows that students are now removed from College at the end of their second year, having completed a course in advanced radio with Final Physics and Mathematics. The general level of the advanced radio

syllabus is very high, the course including much material which would in normal times be regarded as outside the scope of an Honours course, and it is a matter for some surprise that students in their second year succeed as well as they do in acquiring facility in dealing with this novel and difficult material. It has been the policy of this College to treat the advanced technical training required by the Ministry of Labour as additional to the work which would normally be done for a degree course. The load carried by Physics students in their second year is accordingly exceedingly heavy, as they also have to undergo the military training which is obligatory upon all students of military age.

Of the permanent members of the staff, Professor E. J. Williams is still at the Admiralty, Dr. R. M. Davies remains attached to the National Physical Laboratory, and Mr. D. A. Richards has just returned to Farnborough from a special mission to the U.S.A. The temporary appointments of Miss E. M. Williamson, Dr. G. R. Evans and Mr. E. M. Joh have been continued.

Williamson, Dr. G. R. Evans and Mr. E. M. Job have been continued.

In view of the impending return of University College to London, I should like to place on record my deep appreciation of the services rendered by Dr. F. C. Chalklin, who has been responsible for U.C.L. students in this Department since October, 1939. His unfailing courtesy has enabled us to co-operate in the most agreeable manner throughout, and the assistance he has so freely given has been of the greatest value.

In September, 1943, I represented the College at a Conference of University Radio Teachers at the University of St. Andrews. This was the third, and is probably destined to be the last, of a series of such conferences, intended to co-ordinate radio teaching for Government purposes in the Universities.

#### Publications

Mr. I. C. Jones

Vector Loci and Alternating Current Bridges. Proceedings of University Radio Conference (Wireless Personnel Committee, May, 1944).

# ZOOLOGY

### Professor T. A. Stephenson

The number of students this Session was eighty-four from the University College of Wales and four from University College, London. Three students took Honours (Mr. R. Wynne Owen, Miss Phyllis Roberts and Miss Gwyneth Treharne) and I should like to thank all of them for assistance in demonstrating. Mr. Ronald Evans, B.Sc., an assistant in the Wireworm Survey, completed an excellent thesis for M.Sc., and the degree was duly awarded. The notes made in my 1943 report referring to work connected with the war effort by members of the staff are still applicable, and research has also been carried on as far as possible.

Since my appointment in 1940, my annual reports on the work of the Department have been purely formal, because I realise that in wartime the opportunities of improving a University Department are limited. In the present year, however, we may hope that the end of the German war is at least in sight and it seems an appropriate time to remind the Governors that the Zoology Department is housed in a building which has never been completed at all. The accommodation which it provides is inadequate for students even in normal numbers, and will be hopelessly inadequate for the needs of any post-war increase. There is space in the building which, with a little structural alteration and with a good deal of new furniture (in the form of laboratory benches and similar items) would make the Department very much more serviceable than it is at present. Detailed plans and specifications showing what is needed have been laid before the Finance Committee and to the post-war rush is actually upon us.

### Publications

Dr. Gwendolen Rees

A new cestode of the genus Grillotia from a shark. Parasitology, Vol. 35, 1944, pp. 180-185.

Dr. J. R. E. Jones

The fauna of the River Teifi, West Wales. Journ. Animal Ecology, Vol. 12, 1943, pp. 115-123.

#### LAW

# Professor D. J. Llewelfryn Davies

The outstanding feature of the Session was the unexpectedly large Honours Class, consisting of three women and of six men who had not been accepted for Military service. Two of the candidates obtained First Class Honours, and the Sir Samuel Evans Prize was awarded to Mr. G. S. Bird.

In 1941 the Department was fortunate to secure the services, as temporary lecturers, of Mrs. Isobel Matson, B.A., LL.B. (Oxon. and New Zealand), and Mr. J. Unger, LL.M. (London). Mrs. Matson has now left to take up a Government appointment in West Africa, and it is unlikely that Mr. Unger will be here next Session. The Department is greatly indebted for their assistance during the last three years.

#### MUSIC

# Professor David de Lloyd

Three students pursued this course, one of whom obtained Honours B.A. a IIa class in the recent examinations. By dint of hard work, considerable progress was made during the course of the year.

Final B.A. Though harrassed by the uncertainty of their position, these students diligently applied themselves to their work, much of which

showed promise.

Subsidiary and Inter. B.A. Most of the former were first year students and several of them should do well in the Final course.

The Subsidiary B. Mus. student shows considerable ability as a song

The usual concerts were held on Monday and Fridays, and the Orchestral and Choral Societies kept the flag flying in spite of the general falling-off in membership.

# AGRICULTURE

### Professor E. J. Roberts

The numbers of students taking courses in the Department during the Session were as follows:-

Grade	No. registered	No. who took Sessional Examinations	No. Passed
Degree Courses Subsidiary Final Dairy Courses	24 16	24 17	24 13
Diploma course (1st year) Diploma course (2nd	26	22.	16
year)	16 25	15	14
Totals	107	78	67

. The above does not include twenty-nine new students in the Faculty of Rural Science, who attended Intermediate courses in pure science subjects

as the first stage in their degree.

The Department continued to assist the seven County War Committees of the Provincial Area by attending meetings of Technical Development Sub-Committees, giving technical advice to committees and individual farmers, participating in demonstrations, etc. Considerable help has also been given to the Young Farmers' Club movement.

Most students, on completing their courses, join the staffs of County War Committees as technical officers. The demand for such officers, from

English and Welsh counties, is at present greater than the supply.

# AGRICULTURAL BOTANY

Professor T. J. Jenkin Miss K. Sampson

The large number of students in the Subsidiary Class strained the already limited accommodation of the Department. Attendance and work were satisfactory, but some of the students were not up to the standard of Univer-

The two students attending the Honours Course (Wm. Ellis Davies and Miss Enid Grenfell) worked steadily and were placed in the second class.

The Department is indebted to Mr. Trevor Thomas, B.Sc., who gave courses of lectures on grassland, and to Mr. E. T. Jones, who lectured on oat varieties.

Dr. Ellison continues to act as Chief Technical Officer to the War Agricultural Committee in Montgomeryshire, conducting some of the Honours and Final work in cytology and genetics at the week-end.

#### Publications

Dr. W. Ellison

Land Reclamation in Montgomeryshire. Welsh J. Agric., XVII, 85-89.

Experiences in Land Reclamation in Montgomeryshire. J. Roy. Agric. Soc. of England. Vol. 104. 1943.
MR. W. M. MARRIOTT AND DR. W. ELLISON

Land Reclamation in Montgomeryshire, II. J. Land Agents' Soc. March, 1943.

# AGRICULTURAL CHEMISTRY

# Mr. R. O. Davies

Grade	No. of students registered	No. who took Sessional Examinations	No. Passed
Subsidiary Final St Yr. Dairy Diploma 2nd Yr. Dairy Diploma	19 3 26 16	19 3 21 15	19 3 10 9
TOTAL	64	58	41

The above represents an increase of eight students over the previous The work of the degree students was very satisfactory. It was again evident that progress among the Dairy students depended on the previous

training obtained in Chemistry.

The Department's work on land fertility has been extended, there being an increasing need for efficient utilisation of overseas supplies of fertilisers. As the reserves of soil ingredients are removed in arable crops, the question of replenishment has become more urgent. In this connection field experiments are being extensively used to supplement soil testing. This Session these have included experiments on the manuring of potatoes and sugar beet in Brecon, Radnor and Montgomery; beans and root crops in Cardigan and Carmarthen; hill pastures in Merioneth; flax and sugar beet in Pembroke. There is much to learn from such experiments as to the requirements of the different soil types in Wales.

During the year, progress has been made by Mr. T. J. Jones on his survey of the soils in the Teifi area, and by Mr. D. S. Jones on his survey of the soils in the area of the Dyfi estuary. In co-operation with Rothamsted Experimental Station, a survey of fertiliser practice in Mid-Wales has been com-The main object is to determine the actual way in which different menced. crops have been manured under different circumstances. The survey has already been conducted in a number of other Advisory Provinces and has given valuable unbiassed information on farm practice. At present the survey is being carried out in Merioneth by Mr. J. R. Lloyd.

In co-operation with the Plant Breeding Station and the College Farm, experimental work has been continued on the conservation of winter fodder. Further investigations into the chemical changes in the silo and the haystack have been carried out by Emeritus Professor T. W. Fagan and Dr. W. M. Salt has been found to be an effective substitute for molasses in grass ensilage; while, after a wet harvest, it has diminished the losses in the haystack, and improved the palatability of the hay. At the Ministry's request, work on other questions relating to the preservation of hay is now in hand.

#### Publication

MR. R. O. DAVIES, EMERITUS PROFESSOR T. W. FAGAN and MR. J. L. JOHN Requirements of the Potato on acidic Bracken Land. Empire Journal of Experimental Agriculture. Vol. 12. 45. Jan., 1944.

# AGRICULTURAL ECONOMICS

Professor A. W. Ashby

Grade	No. registered	No. who took Sessional Examinations	No. Passed
Final	3 1	3 1	3 1
TOTAL	4	4	4

A small number of undergraduates still come forward for instruction in agricultural economics, but there are no post-graduate students now in the Department. V. H. Beynon, B.Sc., the candidate for Honours, was awarded Class I. On the whole there appear to be more professional openings in the various spheres of work for which agricultural economists are fitted than there are candidates for training. It is difficult to find and keep the most promising of the trained persons for work in Wales because of the special language requirement and of the low provisions made for grades and salaries in current grants. During the year, Mr. H. E. Roberts, B.Sc., Demonstration Officer, left to become Executive Officer to the Caernarvon War Agricultural Executive Committee and unfortunately his post has remained vacant. All other members of the technical staff have remained with the Department and have done excellent work. There has, however, been difficulty in finding and retaining skilled clerical staff for the general office of the Department and this has delayed preparation of work for publication or public use. The other part of the clerical staff, mostly engaged in accounting and statistical work, has been retained at full strength and the Department has been well served.

The Department is now in frequent and regular contact with about 600 farmers in Wales: about 130 in respect of accounts; 70 in respect of farm management survey; 60 in respect of milk costings; 40 in respect of labour costs enquiry; about 240 in respect of other enterprise costs in crops, store and beef cattle; and about 45 in respect of the poultry enterprise. addition to these regular contacts, there are contacts made and maintained for other enquiries. During the year a special survey of methods and costs of production and methods of marketing of vegetable crops in the S.E. Carmarthen and the Gower Peninsular of Glamorgan was made by V. H. Beynon, B.Sc., and the report is ready for publication. We are now repeating a special enquiry as to the amount of labour force (mechanical, equine, and human) available and its uses, which was first made in 1925-6. These many and varied contacts are happily and efficiently established and maintained. Every effort is made to return to individual farmers and interested groups information and suggestions which are drawn from the materials which they supply, and which promise to be useful to them. Although there have been some delays this year, these were practically unavoidable because of shortage of staff.

The National Farm Survey work has been practically completed. Records of some 51,000 holdings have been filed, but we have yet to complete the collection of Ordnance Survey maps, or photographic copies thereof, showing the boundaries of nearly all the farms as they existed in 1941. The Welsh sample for the National analysis of the results of this Survey, representing about 10% of the total number of holdings, has been drawn and forwarded for analysis. Preliminary results of analysis for 6 counties have been received. But the Department hopes to make extended use of this material and already we have made an analysis of some conditions on all the holdings in the counties of Cardigan, Carmarthen and Pembroke. This is an extensive and intricate

task, but the results appear to be extremely promising.

During the year, some special attention has been paid to the possibilities of assisting the work of Young Farmers Clubs. A special short course for the Welsh with some English Organisers was provided in April, 1943, and repeated for other Organisers from English areas in September last. Another course for Organisers in Wales, with some from England, was given in April, 1944. A week-end conference of leaders of Young Farmers' Clubs was organised in Aberystwyth last September. Special thanks are due to Mr. A. Pinsent M.A., B.Sc., of the Education Department, for his valuable assistance in these enterprises. A considerable number of lectures and addresses have been provided for individual Clubs, and county demonstrations have been attended. As much service as the staff could provide has been given to this Movement. The National Federation of Young Farmers' Clubs has signified its appreciation of various services rendered.

There have been considerable demands for assistance of groups of farmers in respect of co-operation and marketing. So far as possible these have been met, and Mr. R. O. Rowlands, B.A., has done excellent work. The absence of other trained marketing investigators and advisors is, however, likely to prove a great handicap to the Department and, I believe to the farming

community of Wales. As conditions in farms and markets change from now onwards, there is every prospect that marketing problems will arise in their pre-war or even greater proportions and it is desirable that the Department

should be equipped to deal with them.

A list of publications is appended, but perhaps I may be allowed to draw special attention to the completion of the study of technical and economic conditions and forces in Welsh agriculture between 1870 and 1938. Agriculture of Wales" by Principal Ifor L. Evans, M.A., and myself has been published by the Press Board of the University in association with the Honourable Society of Cymmrodorion. This study appears to be unique in Great Britain in the comprehensive character of its contents and in the collection, critical examination and presentation of evidence. Such a study would have been impossible in the absence of the previous work of the Department and also without the assistance of the current members of its staff.

It is necessary that I should acknowledge the willing and even friendly co-operation of large numbers of farmers of Wales in the investigational and research work of the Department and thank all my colleagues for all their assistance, but particularly for the happy working relationships which they maintain with farmers.

I am pleased to note that the Agriculture (Miscellaneous Provisions) Bill now before Parliament provides that the agricultural economics advisory services shall not be transferred to the Ministry of Agriculture and Fisheries, with the other advisory services, and I look forward to the continuation of this service on satisfactory conditions under the College.

# PUBLICATIONS

Professor A. W. Ashby

Policies and Programmes of the Young Farmers' Clubs. Memorandum published by the National Federation of Young Farmers' Clubs. 1943.

The Value of Autumn Cultivation in Welsh Farming. Welsh Journal of

Agriculture. Vol. XVII. 1943.

The Structure of the Agricultural Co-operative Movement and its Public Relations. In The Future of Agricultural Co-operation in Wales. Published by the Welsh Agricultural Organisation Society. Farming Handbook. (Review of.) Journal of the Royal Society of Arts.

Vol. 91. No. 4646.

Trends and Needs of Rural Development in Wales. (Paper read to Town and Country Planning Association. 1943. (Cyclostyled).) Some Principles of Agricultural Production in War-time. 1943.

styled.)

Memorandum on the Provision for Post-Graduate Training in Rural (Prepared for Faculty of Rural Science.

PROFESSOR A. W. ASHBY WITH PRINCIPAL IFOR L. EVANS

The Agriculture of Wales and Monmouthshire. (Joint Publication of the Hon. Society of Cymmrodorion and Press Board, University of Wales.)

PROFESSOR A. W. ASHBY with Mr. W. J. THOMAS

Economic Factors in Changes from other Agricultural and Pastoral Systems to Alternate Husbandry. In Alternate Husbandry. I.A.B. Joint Publication No. 6. 1944.

PROFESSOR A. W. ASHBY with MR. J. R. E. PHILLIPS

Some Aspects of Hill Sheep Farming in Wales. Welsh Journal of Agriculture. Vol. XVII. 1943.

PROFESSOR A. W. ASHBY with Mr. J. H. SMITH and Mr. W. J. THOMAS Fertility and War Production on Welsh Farms. Welsh Journal of Agriculture. Vol. XVII. 1943.

Mr. J. Pryse Howell

War-time Milk Production in Wales. Welsh Journal of Agriculture. Vol. XVII. 1943.

Changes in Organisation and Incomes on some Welsh Farms. Welsh Journal of Agriculture. Vol. XVII. 1943. Mr. J. P. Howell with Mr. C. T. Williams.

Three Years Crop Production Costs on a Welsh Farm. 1939-40-41. (Cyclostyled.)

Mr. J. H. SMITH

Work Output Capacity of Women employed in Agriculture.

Journal of Agriculture: Vol. XVII. 1943.

Economic Use of Farm Machinery and Labour in Wales. Welsh Journal of Agriculture. Vol. XVII. 1943.

Changes in Farm Costs of Hired Labour in Wales during 1942-3. (Cyclo-Published by the Department.

Mr. W. J. THOMAS

Silage Costs on Welsh Farms. 1941. Welsh Journal of Agriculture. Vol. XVII. 1943.

Summer Fattening of Cattle. (Cyclostyled.) Published by the Department. 1943.

Financial Results of 29 Poultry Farms in Wales. 1942-3. (Cyclostyled.) Published by the Department. 1944.

Fat Cattle on Welsh Pastures. Farmers Weekly. Vol. XVIII. No. 18. April. 1943.

Summer Fattening of Cattle in Wales. 1943. (Cyclostyled.) Published by the Department.

Costs of Production of Cereals, Roots and Forage Crops on Welsh Farms (Cyclostyled.) Published by the Department.

Mr. J. D. Griffiths

The Change-over to War-time Milk Production. Welsh Journal of Agriculture. Vol. XVII. 1943.

Mr. C. T. WILLIAMS

Changes in War-time Milk Yields and Sales per Cow in 26 Welsh Herds Welsh Journal of Agriculture. Vol. XVII. 1943.

Wastage, Replacement and Depreciation in Dairy Herds. Journal of Agriculture. Vol. XVII. 1943.

Mr. H. E. Roberts

The Livestock Position in Wales and Future Prospects. Memorandum for Council of Agriculture for Wales. Published by the Ministry of Agriculture and Fisheries and circulated to County War Agricultural Executive Committees. December, 1942.

Second Report on the Livestock Position in Wales and Future Prospects. Memorandum for Council of Agriculture for Wales. (Cyclostyled.)

December, 1943.

Mr. R. O. Rowlands

A Review of Agricultural Co-operative Requirements Societies in Wales during 1941 and 1942. (Cyclostyled.) Published by the Department.

Co-operative Farms in Wales. Farm Economist. Vol. IV. No. 8. 1943.

The Coming of Age of the Welsh Agricultural Organisation Society. In Year Book of Agricultural Co-operation. pp. 224-238. by Horace Plunkett Foundation. 1943.

Mr. R. Bennett Jones

Progress of Agricultural Co-operative Requirements Societies in Wales. 1938-41. Welsh Journal of Agriculture. Vol. XVII. 1943.

DEPARTMENT OF AGRICULTURAL ECONOMICS

Notes on Milk Costs. (Statistical and Financial Statements relating to

economy in Milk Production.)

Cost of Milk Production per Cow and per Gallon for 59 Herds in Wales:
(a) 28th March-25th September, 1943. (b) 27th September, 194225th September, 1943. (Cyclostyled.) Published by the Department. 1943.

# Agricultural Book-Keeping

# Mr. J. H. Smith

	No. Registered	No. who took Sessional Examinations	No. Passed
DAIRY COURSE Diploma Course (1st year) ,, ,, (2nd. year)	26 16	22 15	16 14
Totals	42	37	30

Forty-two students pursued courses of instruction during the Session; 26 attended the first year and the remaining 16 pursued the second year course.

The number of students who took Book-keeping in the National Diploma in Dairying examination in 1943 was 8, of whom 7 were successful in this subject.

# DAIRY BACTERIOLOGY

### Mr. S. B. Thomas

The number of students attending the various courses during the Session was as follows:—

Grade	No. Registered	No. who took Sessional Examinations	No. Passed	
1st Year Dairy Diploma 2nd Year Dairy Diploma Short Course in Dairying	26 16 25	22 15	16 14	
Totals	67	37	30	

Twenty-three students attended a six weeks' Routine Testers' course 21 a ten-day refresher course for Certificated Routine Testers, and 26 a course

for County Dairy Advisory Officers.

Seven Honours graduates from London, Cambridge and Swansea University College attended a three months' intensive course in Dairy Bacteriology during July to September. Two of these received appointments as Research Assistants at the National Institute for Research in Dairying, one as Research Assistant at the Midland Agricultural College and four as Area Supervisors or Area Bacteriologists in various Provinces.

Mr. Glyn M. Phillips, B.Sc., was awarded the M.Sc. degree as the result of a thesis which included a series of published and unpublished papers on 'Statistical aspects of the bacteriological control of milk." During the Session, one Honours student from the Botany Department carried out an investigation on "The chlorination of farm water supplies used for dairy purposes".

Advisory work in connection with the National Milk Testing and Advisory Scheme has been much extended during the year. Additional Area Laboratories have been set up at Haverfordwest and Welshpool. The milk supply of 18,000 of the 20,000 milk producers in the Province is now being examined bacteriologically every fortnight. Nearly 300 creameries and dairies are being visited at least once a fortnight by the 14 Area Supervisors and Area Bacteriologists. The development of advisory work in connection with milk processing has been the main feature of this year's programme.

Captain H. A. N. Lloyd-Jones was appointed towards the close of the Session as Administrative Assistant. His appointment has made it possible for the Advisory Bacteriologist to take up once again investigational and advisory work which had to be abandoned at the outbreak of war. In this connection, Miss Agnes T. Stewart, B.Sc., N.D.D., has been appointed as

Research Assistant in the Department.

It is hoped that an additional building to house the Administrative section of the Department, together with a fully appointed Area Laboratory

for Mid-Wales, will be provided in the course of a few months.

In view of the number of special short courses that are and will continue to be organised within the Advisory Province, it is hoped that more equipment and facilities for teaching work will be provided by the College. The need for a Senior Laboratory Steward or Demonstrator is urgent. Miss Mair Roberts, often under difficult circumstances, was mainly responsible for teaching work during this Session. This work extended throughout the Christmas and Easter vacations and for 10 weeks of the Summer vacation.

# Publications

Mr. J. W. Egdell and Mr. S. B. Thomas

A comparison of the Results of Methylene Blue and Routine Resazurin Tests. Proc. Soc. Agric. Bact. (1943.)

MR. G. M. PHILLIPS and DR. Soulides

The Variability of the Routine Resazurin Test. Proc. Soc. Agric. Bact. (1943.)

Dr. B. F. THOMAS

Resazurin Solution. Proc. Soc. Agric. Bact. Mr. S. B. Thomas and Mr. D. A. Bowie (1943.)

The Influence of Mastitis Milk and Late Lactation Milk on the Results of the Prescribed Resazurin and Methylene Blue Tests. Proc. Soc. Agric. Bact. (1943.)

Mr. S. B. THOMAS and Mr. D. A. BOWIE

Influence of Udder Cells on the Routine Resazurin Test, the 10-minute Resazurin Test, and the Methylene Blue Test. Dairy Industries. 5. 335. (1944.)

# DAIRYING

# Mr. John Lewis

Particulars relating to the numbers of students attending the variou courses in Dairying during the Session are as follows:—

Grade	No. Registered	No. who took Sessional Examinations	No. Passed
2nd Year Dairy Diploma 1st Year Dairy Diploma Dairy Short Course	16 26 25	15 22	14
Totals	67	37	30

All classes have been full to capacity and the number of applications already received for next Session's Diploma Course considerably exceeds that for which accommodation can be provided. The time of holding the Short Course has been changed this year to the period June to August and the majority of those attending hope to proceed to a more advanced course. Fonrteen of our ex-students are being recommended for the award of the College Diploma in Dairying and nine of these intend proceeding to sit for the National Diploma (N.D.D.). There are plenty of good posts available for persons with dairy qualifications and trained personnel seems to be one of the crying needs of the dairy industry.

# ADVISORY ZOOLOGY

Mr. J. R. W. Jenkins

The Soil Pest Survey has again been the main feature of the year's work, over twenty thousand acres in the College Area now having been surveyed. This has entailed the detailed examination of over sixty-five thousand samples of soil. Special attention has been given to the correlation of wireworm populations with plant establishment and with yields, and a series of experiments have been carried out throughout the Area to test the value of cross drilling of oats as a means of reducing wireworm damage.

Further investigations on a considerable scale have been on the value of certain new dusts for the prevention of Flea Beetle attack on Brassicae.

The Adviser has attended meetings of the Advisory Entomologists' Conference, and of its Reports Drafting and Experiments Sub-Committees, upon which he represents Wales and the West Midlands. He has also continued to act as Chairman of the Cardiganshire County Gardens Produce Committee.

Close touch has been maintained with the seven Technical Development Sub-Committees of the Area, and the Adviser has been made a member of the Horticultural Sub-Committee of the Cardiganshire War Agricultural

Executive Committee.

Exhibits have been provided at Demonstrations and Rallies arranged by County Authorities and Young Farmers' Clubs, and competitions also arranged for the latter. Lectures have been given to Farmers, Young Farmers' Clubs, and Gardens and Allotments Associations.

# THE WELSH PLANT BREEDING STATION

DIRECTOR: DR. T. J. JENKIN

In reviewing the activities of the Station in the year 1943-44, the first thing that comes to mind is the death of Captain R. D. Williams, M.Sc., with

tragic suddenness on the 7th October, 1943.

Captain Williams studied for his B.Sc. at Aberystwyth and took the degree in 1914. Soon after the outbreak of the war, he obtained his Commission and served in this country and overseas. At the close of the war, he was awarded a Ministry of Agriculture scholarship and returned to Aberystwyth to pursue research under Professor R. G. Stapledon. In 1920, he joined the staff of the Welsh Plant Breeding Station. After some general work, he took charge of clover breeding. This work he developed along two lines. The basis of both lines was the development of a reliable breeding technique in accord with the flowering habits of the plant species concerned To meet practical requirements, selection, breeding and strain-building was of immediate importance. He paid especial attention to red clover and to white clover, and extended his work in this direction to the study of other leguminous species such as lucerne, kidney vetch, sainfoin and the bird's

foot trefoils. Amongst farmers, the prestige of the Welsh Plant Breeding Station has been greatly enhanced through the production of the red clover strains S.123 and S.151, and the white clover strains S.100 and S.184. Parallel with this work was the study of the genetics of red and white clovers, particularly the former. Here R. D. Williams was undoubtedly the foremost, though perhaps not exactly the first, so that while the strains he produced met with the approval of farmers, his work on the genetics of the clovers brought to the Station equal credit amongst plant breeders and geneticists. The strains produced may in time be superseded as the work of the Station progresses, but the results of R. D. Williams's genetical investigations will remain for all time as a definite contribution to our knowledge of the red and white clovers.

Soon after the outbreak of the present war, Captain Williams was seconded for advisory purposes in Carmarthenshire. The genetical investigations were then perforce suspended, but the more practical aspect of the work was sustained by means of periodic visits to Aberystwyth. Negotiations for his return to full-time work at the Station had been opened, but had not been

concluded at the time of his death.

As the work of the clover section is of great importance, provision for its continuation had to be made at the earliest possible moment, and Mr. Watkin

Williams has been allocated to this work.

Both Mr. E. T. Jones and Mr. G. Evans had returned to full-time duties at the Welsh Plant Breeding Station early in 1943, and with the return also of Mr. W. T. Thomas (from Breconshire on 1/1/44) and Mr. Ll. I. Jones (from Pembrokeshire on 1/4/44), the staff is again complete except for vacancies.

Following the June examinations in 1943, Mr. T. H. Davies (Honours Agricultural Botany) was appointed Temporary Scientific Assistant, and it is hoped that further such appointments can be made in the near future in order

that the work of the Station may be resumed in all its aspects.

The return of seconded members of staff has however not severed the Welsh Plant Breeding Station from Advisory work in the Counties, but such Advisory services are now rendered direct from the Station. In particular, it may be noted that the return of Mr. E. T. Jones from Radnorshire has resulted in his services being available for advisory purposes over a far wider area and full advantage is being taken of this fact by the various counties.

The continued increase in the demand for the seed of strains (oats, grasses and clovers) bred at the Station has created many difficulties. The provision of Stock Seed for the extended areas, the demand for advice on seed-growing and the work of inspection and certification of growing crops has become a heavy burden on the staff of the seed production section. The extent of the increase may be judged from the fact that the total area of grass and clover crops to be inspected for certification in 1941 was only about 1,500 acres, whereas in 1944 the corresponding area was about 12,000 acres. For the purposes of inspection, the Station staff was augmented by the loan of technical officers (many of them old students of the College) from various counties who received special training in this work at the Station.

This expansion of the demand for the seed of Aberystwyth bred strains, while it necessarily creates difficulties, is also very gratifying, because it shows that the practical aspects of the Station's work are being appreciated.

The success of the Station-bred spring oat strain S.84 has previously been noted, and it is now interesting to note that the demand for the white

winter oat S.147 particularly in England has become very heavy.

During 1943, negotiations were in hand for the provision of additional land accommodation for the Welsh Plant Breeding Station. Ultimately, the farm of Morfa Mawr, near Llanon, Cardiganshire, was purchased by the University Estates and leased to the Welsh Plant Breeding Station. This farm is primarily intended as a Seed Production Farm, but in order to main-

tain condition and fertility it must be managed on a mixed basis. The farm consists of 463 acres, is about 12 miles distant from Aberystwyth, and holds a high reputation for seed corn in Cardiganshire. Mr. Albert J. Davies, a former student, has been appointed Resident Superintendent of the farm.

For the purpose of entering and stocking the farm, assistance, mainly on a loan basis, has been obtained from the Treasury through the Ministry

of Agriculture and Fisheries.

The thanks of the Station are due particularly to Principal Ifor L. Evans

and to Dr. C. Bryner Jones for the part they took in all the negotiations.

The work of the Cahn Hill Improvement Scheme has been continued on a maintenance-of-improvements basis while there has been some reorganisation of the general stocking policy. The last two seasons have proved very favourable from a sheep-rearing point of view, as compared with some previous seasons, notably 1937 and 1941, which proved extremely difficult.

### IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS

DIRECTOR: PROFESSOR T. J. DEPUTY DIRECTOR: DR. R. O. WHYTE

The routine work of the Bureau has continued as usual, with little if any diminution in the supply of literature requiring attention, and an increase in the requests for information on a wide range of subjects received from many parts of the world. It has also been possible to devote a considerable amount of time to the preparation of a number of monographs, to be published as Bulletins or Joint Publications of the Imperial Agricultural Bureaux. jects covered include "Alternate Husbandry" (Joint Publ. No. 6), "Imperata cylindrica, its taxonomy, distribution, economic significance and control (Joint Publ. No. 7), "The provision of animal fodder in tropical and subtropical countries" (Bull. 31), and "The establishment and early management of sown pastures" (Bull. 34). The Deputy Director has made a special study of the vegetating of soil mounds in collaboration with the Imperial Forestry Bureau, and has completed a book entitled "The physiological bases of crop production" for publication by Faber and Faber.

The work of the Central Sales Branch has increased considerably and

receipts from sales of and subscriptions to publications of the Imperial Agri-

cultural Bureaux have reached a new high level.

# EXTRA-MURAL STUDIES

Mr. Ifan ab Owen Edwards (Vice-Chairman, Extra-Mural Classes Committee)

The year has been marked by steady uneventful progress. The number of classes has increased, but the main gain has been that of consolidation. Notwithstanding difficulties, mainly the scarcity of travelling facilities, some

inter-class rallies and Saturday "schools" have been held.

Figures (tabulated on page 00) show the year's work more concisely than words can. The total increase in classes is shown to be from 130 to 146. That the increase in Short Courses is only three whilst the Sessionals have increased by six and the Tutorials have doubled shows that these Short Courses, controlled by the College, are fulfilling their proper function of

The results in Cardiganshire have been disappointing, due, primarily, to there being no resident tutor in the county, and, secondarily, to the not undesirable preoccupation of many of the younger farmers with vocational training. Carmarthen has shown constant and excellent progress and the situation in the county is very satisfactory. Merioneth has problems of its own, but the Urdd Aelwydydd and Young Farmers' Clubs have helped us greatly. Montgomery receded slightly due to a falling off in Sessional Classes. Pembrokeshire, on the other hand, spurted forward surprisingly. Radnorshire records shew but steady progress; we wish we could quicken it.

Tribute should be paid to the excellent work of the resident tutors, but their number is woefully inadequate to meet the greatly increased number of classes and the amount of pioneering and organising work that now falls upon

their shoulders.

SUMMARY OF EXTRA-MURAL CLASSES, 1938-1944

	$39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 0 \mid 40 - 1 \mid 41 - 2 \mid 42 - 3 \mid 43 - 4 \mid 38 - 9 \mid 39 - 9 \mid 43 - 4 \mid 4$	20	54	18	1 20	5 29	5	)   146
	42-	32	43	12	24	15	4	91   130
TOTALS	41-2	27	24	∞	14	14	4	91
TOI	40-1	18	19	13	12	6	3	74
	39-0	œ	15	3	$\infty$	5	-	40
	38-9	41	17	9	6	9	3	55
	43-4	5	22	10	13	15	3	89
SHORT COURSES	42-3	14	22	9	13	000	2	65
SHO	41-2	16	12	4	7	1	2	48
	40-1	7	5	000	7	5		33
_===	43-4	14	27	9	5	11	2	65
	42-3	18	20	4	10	5	2	59
ALS	41-2	=	10	2	5	9	7	36
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SES	39-0	7	$ \infty $	1-	5	4	-	26
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# UNIVERSITY EXTRA-MURAL CLASSES

Class	Subject	Tutoγ	Enrol- ment	No. of lectures
-	TUTORIAL			
Cardiganshire Rhydypennau	Y Testament Newydd; ei hanes a'i gynnwys	Rev. D. J. Evans	19	24
Carmarthenshire Carmarthen Carmarthen Carway Newcastle Emlyn	Sociology Psychology Sociology Welsh History and Litera- ture	T. I. Jeffreys Jones Rev. O. R. Davies Rev. O. R. Davies Mrs. G. E. Davies	15 18 15 12	24 24 24 24
Pontyberem	Political Thought	C. Lloyd Humphreys	15	24
Merioneth Aberdovey	Political Geography of the British Isles	W. J. Lewis	14	24
Dinas Mawddwy	Science and Religion	Dr. Dan Davies	19	24
Montgomeryshire Machynlleth Llanfair Caereinion	Psychology Biology	J. R. Jones Dr. E. E. Watkin	18 12	24 24
Pembrokeshire Goodwick Narberth Tenby	Economics International Relations (Far East) Economics	W. Haydn Davies W. J. Rees	12 24 17	24 24 24
Tenby		D. Hughes Lewis	17	41
Cardiganshire	SESSIONAL			
Aberaeron Aberystwyth Blaenpennal Borth Dihewyd Cellan Gartheli	Psychology of Religion Modern Economic Problems The Pacific in World Affairs Political Philosophy Current Affairs Llenyddiaeth Cymru Llenyddiaeth Cymru Sociology with reference to Wales, 1850-1890	Rev. D. J. Davies Phillip J. Watkin S. H. F. Johnston Dr. Dan Davies Harold M. Watkins Rev. D. Emrys James Rev. D. Morlais Jones Rev. H. Islwyn Davies	27 17 21 14 22 25 21 3 13	12 12 18 18 24 12 10 12
Llanilar Pennant Pontarfynach Pontrhydfendigaid Ysbyty Ystwyth Ystumtuen	Church History Psychology Gwyddor Pethau Cyffredin	Rev. O. H. Jones Dr. Dan Davies I. C. Jones Rev. William Davies H. Madoc Jones D. Llewelyn Jones	12 15 12 15 15 15	12 15 12 18 12 12
Carmarthenshire Bancffosfelen Caio Capel Iwan	Christian Idea of Society Psychology Welsh History and Litera- ture	Rev. D. E. Williams A. T. Davies Mrs. G. E. Davies	12 12 12	18 12 18

	Class	Subject	Tutor	Enrol- ment	No. of lectures
	Cenarth	Welsh History	Mrs. G. E. Davies	12	12
	Cilycwm	Old Testament Literature and Theology	Rev. Richard Arch	18	12
	Cwmgwili	Dramatic Art	J. Afan Jones	15	12
	Conwil Elved	Crefyddau'r Byd	Rev. E. G. Jenkins	15	12
	Farmers	Music	Mr. E. Lewis Jones	12	12
	Ffairfach	Post-War Reconstruction	A. T. Davies	12	18
	Llandovery	International Relations	T. I. Jeffreys Jones	22	18
	Llangadock	Music	W. J. Gravelle	12	. 12
	Llanginning	Hanes Crefydd yng Nghymru	W. Emlyn Jones	19	12
	Llanybyther	Welsh Literature	Rev. D. Emrys James		18
	Login	Christian Ethics	W. Rhydderch Evans	12	18
	Manordeilo	Music	W. J. Gravelle	18	12
	Myddfai	Music	W. J. Gravelle	24	12
	Mydrim	Hanes Crefydd yng Nghymru	W. Emlyn Jones	24	12
	Pencader	International Affairs	T. I. Jeffreys Jones	17	18
	Pendine	International Affairs	T. I. Jeffreys Jones	14	18
	Pontyates	Europe between two Wars	William Rees	18,	18
	Porthyrhyd	Llenyddiaeth yr Hen Desta- ment	Rev. B. J. Jones	12	18
	Pumpsaint	Music	E. Lewis Jones	12	12
	Rhandirmwyn	Music	T. Idris Jones	12	12
	St. Clears	International Affairs	T. I. Jeffreys Jones	20	18
	Trapp	Science and Religion	Rev. W. T. Gruffydd	12	12
	Trimsaran	Local Government	A. Leslie Evans	12	15
	Tumble	Economic History	Rev. J. S. Williams	12	16
J	Merioneth				
	Aberangell	Music	Llewelyn Jenkins	22	12
	Dolgelley	Music	Mrs. K. M. Thomas	15	18
	Dolgelley	Hanes Plwyf Dolgellau	Bob Owen	30	. 12
	Dyffryn	Church History	Rev. R. O. Hughes	13	18
	Harlech	Russia	Mrs. Enid Griffith	24	18
	Llanfachreth	Hanes Plwyf Llanfachreth	Bob Owen	30	12
1	Montgomeryshire			4.0	4.0
	Carno	Diagnosis of our Time	Alwyn D. Rees	18	12
	Cemmaes	Music	Llewelyn Jenkins	21	12
	Llanrhaeadr	Social Reconstruction	Alwyn D. Rees	24	12
	Newtown	Diagnosis of our Time	Alwyn D. Rees	20	12
	Welshpool	Social Reconstruction	Alwyn D. Rees	18	12
	Pembrokeshire				1
	Abercych	Welsh History	Mrs. G. E. Davies	18	18
	Broadhaven	International Relations	D. Hughes Lewis	12	15
	Dinas Cross	Social Economics	W. Havdn Davies	18	12
	Glandwr	Rural Science	Titus Lewis	15	18
	Letterston	International Relations	D. Hughes Lewis	14	15
	Maenclochog	Hanes, Llenyddiaeth a Chân		21	12
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Class	Subject	Tutor	Enrol- ment	No. of lectures
Milford Haven Moylgrove Newport Penybryn Trelech	Psychology Music Economics Music Hanes Cefndir yr Hen Destament	Rev. D. J. Phillips Andrew Williams W. Haydn Davies Andrew Williams Rev. E. G. Davies	20 18 15 15 12	21 18 12 12 12
'adnorshire	Background to Reconstruc-	A. Cantle	21	18
	tion			
Rhayader	Reconstruction	Alwyn D. Rees	20	18
	SHORT COUR	?SES		
ardiganshire				
Brynherbert	Cewri Cymru	Rev. Evan Edwards	12	6
Llanllwchaiarn	Gwyddor Gwlad	R. O. Davies	24	4
Llanrhystyd	Hanes Sir Aberteifi	T. I. Ellis	12	6
Penygwaith Penuwch	Llenyddiaeth Cymru Hanes Cymru	Garfield H. Hughes  7. T. Owen	17 27	6 6
armarthenshire Bancyfelin Carway Crugybar Cwmcothi Cwmduad Cwmduad (2) Felingwm Idole Llanboidy Llandebie Llanfynydd Llangadog Llangadog (2) Llanginning Llangunnor Mydrim Newchurch Newchurch Newchurch Salem Trimsaran	Hanes Cymru Civics The History of Education Problemau'r Dydd Psychology Psychology Drama Economics Welsh History How we are Governed Hanes a Llenyddiaeth Welsh Literature Problemau'r Dydd International Affairs International Affairs International Affairs International Affairs Psychology Psychology Psychology Youth and its place in Society Hanes a Llenyddiaeth Cymru International Affairs	Victor Jones Rev. E. Myrddin Isaac A. T. Davies Rev. Daniel Thomas Rev. H. R. Charles Rev. H. R. Charles T. Gwyn Jones T. Llewelyn Davies Victor Jones A. T. Davies T. Gwyn Jones Gwilly Davies Gwynfor Evans W. Emlyn Jones J. K. Taylor W. Emlyn Jones Rev. H. R. Charles Rev. H. R. Charles E. P. Oakes D. B. Evans T. Gwyn Jones Rev. A. Leslie Evans	28 11 12 32 13 11 20 17 31 24 18 15 15 15 15 34 16 9 9 21 20 20	664666666666666666666666666666666666666
ııımsaran	International Affairs	Kev. A. Leslie Evans	12	0
erioneth Brithdir Cwmprysor Friog	Hanes Lleol Agricultural Economics Hanes y 18fed ganrif	Bob Owen R. O. Rowlands W. D. Williams	32 15 19	6 4 4

Class	Subject	Tutor	Enrol- ment	No of lectur
Llandderfel	The Problems of the Young in relation to the Church	Rev. G. Rees	15	, 6
Llanuwchllyn	Drama—its History and Literature	Hywel Hughes	18	6
Llwyngwril	Hanes Lleol	Bob Owen	35	6
Pennal	Daeryddiaeth	Emrys ĵones	18	6
Talsarnau	Hanes Lleol	Bob Owen	32	. 6
Towyn	Llenyddiaeth	Richard Jones	17	4
Trawsfynydd	The Economics of Agri- culture	J. R.E. Phillips	15	6
Montgomeryshire	cartare			
Abermule	Current Problems	Rev. R. O. Evans .	18	6
Bwlchyffridd	Social Reconstruction	Alwyn D. Rees	18	6 5 6
Caersws	Biology	Dr. E. E. Watkin	27	6
Llanbrynmair	History of Agriculture	J. D. Griffith	25	6
Llanfyllin	Drama Social Reconstruction	Miss Hilda Jones	20	6
Llawryglyn Machynlleth	Social Reconstruction	Alwyn D. Rees Alwyn D. Rees	20 23	6
Maengwynedd	Welsh Literature	I. Ellis Williams	23 14	6
Oakley Park	Social Reconstruction	Alwyn D. Rees	18	4
Pontrobert	Comparative Religion	Rev. Egryn Roberts	18	6
Tregynon	Local History	G. Thomas	20	4
Welshpool	Comparative Religion	Rev. Egryn Roberts	15	6
Welshpool (2)	Biology	Dr. E. E. Watkin	12	6
Pembrokeshire				
Ambleston	Biology	Titus Lewis	22	6
Clynderwen	Countries of Europe	John Rees	37	4
Eglwyswrw	Rural Science	Titus Lewis	25	4 6 4
Gelly	Countries of Europe	John Rees	21	4
Hayscastle	The Problem of Pain	Rev. D. Idwal Jones	24	6
Johnstown	The United Nations	D. Hughes Lewis	22	4
Little Haven	U.S.S.R., China, U.S.A.	D. Hughes Lewis Titus Lewis	13 15	6
Llysyfran	The History of Agriculture in Wales		15	H
Maenclochog	Hanes, Llenyddiaeth a Chân		17	6
Milford Haven	Physiology	Dr. Percy A. Little	16	4
Mynachlogddu	Gwyddor Gwlad	Titus Lewis	14	6 4 4 6 6
Mynachlogddu (2)	Gwledydd Ewrob	John Rees	49	4
Penffordd St. Davids	Y Stori Fer Russia	Rev. S. E. Morris	11 19	6
Wolfscastle	Travel Talks	D. Hughes Lewis John Rees	38	4
	are to a delicity	John 1003	50	1
Radnorshire	December of its	,	10	4
Glascwm	Reconstruction	Alwyn D. Rees	18 12	6
Penybont Fawr	Survey of the History of Wales from 15th—18th	Rev. J. J. Bowen	14	0
	Centuries			1
Presteign	Contemporary Problems	Rev. J. E. John	26	4

#### LIBRARIES

#### MRS. E. C. GWYNN (ACTING-LIBRARIAN)

The number of books issued, both to members of the College and to external borrowers, shows a slight increase as compared to last year's figures.

There has been marked improvement in the supply of American publications during the Session, periodical sets being, generally speaking, up to date, and there being considerably less delay in the arrival of books from America. British books, on the other hand, have been increasingly difficult to obtain, since, under restricted conditions of production, they are out of stock almost as soon as published.

Binding has been something of a problem, as owing to depleted staffs the binderies cannot undertake the usual amount of work, nor can they guarantee to return within a reasonable time any material sent to them.

The Departments of Art and Chemistry received additional book grants, and the German Department a grant for the purchase of original texts.

The help again given to us by Mr. F. M. Johnson, of University College,

London, is gratefully acknowledged.

We have to thank many donors for gifts to the Library, among them being:—British Museum of Natural History (5 vols.); Discovery Committee (3 vols.); Principal Ifor L. Evans, U.C.W. (4 vols.); Mr. Sydney Herbert, U.C.W. (9 vols.); Mr. S. H. F. Johnston, U.C.W. (6 vols.); Dr. W. M. Kerby (2 vols.); Dr. F. R. Lewis (4 vols.); Mr. C. G. Matthews (periodicals); National Museum of Wales (2 vols.); Professor M. T. Smiley, University College, London (7 vols.); Dr. A. B. Thomas (6 vols.).
Thirteen theses and dissertations were received from the University

Registry, Cardiff; and sixty-two calendars, prospectuses and other similar publications were sent by universities, colleges and other institutions.

### STATISTICS, 1943-44

Volumes dealt with during the year: already in Library	• •	62
Pamphlets dealt with during the year	• •	1,113
ramphilets deart with during the year	• • •	182
in the first of the Maria Ma		1,357
Books issued to members of University College of Wales:		1.17
General Library (Term)		6,108
(Vacation)		813
Science Library (Term)		637
(Vacation) Books issued to members of University College, London:	٠.	74
General Library (Term)		4,261.
(Vacation)		625
Science Libray (Term)		117
(Vacation)	·	14
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Borrowers for Vacation, University College of Wales:	-	
General Library		240
Science Library		- 33
Borrowers for Vacation, University College, London:		
General Library		170
Science Library	٠,٠	. 6
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Books borrowed through Regional Libraries scheme for Wa	les	
and Monmouthshire, and National Central Library:		
For members of University College of Wales	• •	52 12
For members of University College, London	• •	14
		64
Books applied for but not obtainable		1
Books lent through Regional Libraries Scheme and Natio	nal	
Central Library	1161	405
Books applied for to University College of Wales, but not ava	ail-	.00
able for loan		192
Theses lent		1
Theses borrowed	• •	1
Number of catalogue slips (addenda) sent to the Union Catalog		
Regional Libraries Scheme for Wales and Monmouthshire	٠.	1,344

#### HALLS OF RESIDENCE FOR WOMEN STUDENTS

SENIOR WARDEN: MRS. K. GUTHKELCH

I think it would be fair to say that in my 19 years here the past Session has been the most difficult for the running of hostels from the point of view of service and of food. The number of resident maids at Alexandra Hall diminished from a pre-war total of 26 to 5, and at Carpenter Hall from 9 to 2, but with daily workers it has been possible to carry on, using more student help than in the past. This was given more willingly as the students realised the gravity of the domestic situation: they now give something less than an hour's help in the Pantry and Dining Hall once a week, and look after their own rooms, save for a clean-out every ten days or so. All the rest of the building, reception rooms, corridors, baths, etc., can be kept clean by daily workers, but their comings and goings are not to be relied on, as all employers know. And the labour of keeping a building this size clean is vastly increased by the dirt and difficulty inherent in coal fires. Fuel has not been scarce, but the labour for getting it round to 150 rooms has been.

In my last Session's report I spoke of the good help and leadership secured from 3rd year students, now that post-graduate students in their training year are not accommodated in Alexandra or Carpenter Halls. This has again been evident; indeed, the session has been an exceptionally happy one, owing very largely to excellent senior students and absence of grumbling. Since the numbers have been so high—nearly 200 at Alexandra Hall—such a good and helpful spirit has been especially important. In both houses the

health of the community has been unusually good.

Vacation courses and Summer Schools have mercifully been ruled out by the Finance and General Purposes Committee, but exceptions were made for the 5-day Clergy Course in July, 1943, at Carpenter Hall, and for a 2-day conference of Young Farmers' Unions at Easter, 1944, in Alexandra Hall, as well as for the 2 weeks of Teaching Practice for graduate students of the Training Department at Alexandra Hall in September, 1943.

#### SENIOR TRAINING CORPS CONTINGENT

Major S. H. F. Johnston

During the year the Contingent suffered a severe loss in the death of its Commanding Officer, Major D. Gwynne Davies, who had given it much

devoted service for so many years.

As there are now no Arts students regarded as potential Army candidates all members of the Contingent are required to attend only 108 parades a year, which means an allotment from College time of only 4 hours a week. In addition, each cadet has to carry out two weeks' continuous training during the vacation.

A number of cadets have been successful in obtaining War Certificate "A" and "B" during the Session, and a favourable report on the work of the Contingent was made after an inspection by Colonel S. J. Worsley,

D.S.O., M.C., T.D., Inspector of the Training Corps.

In addition to the work of the Officers of the Contingent, invaluable assistance in training has been given by Major H. F. Stimson, Mr. W. E. Whitehouse and Mr. J. Earnshaw.

#### UNIVERSITY AIR SQUADRON

SQUADRON LEADER C. R. WHYTT

The number of members of the Squadron this Session has been considerably reduced, owing to the cancellation of deferment for Arts Students. On the other hand, students who have been attested as Aircrew and are awaiting "call-up" have been given valuable training and in many cases completed the certificate, thus enabling them to by-pass their I.T.W. training.



Cambrian News (Aberystwyth), Ltd.

15 Mar 1951

# University College of Wales

ABERYSTWYTH



# REPORTS

SUBMITTED TO THE

# COURT OF GOVERNORS

24th OCTOBER, 1945

1945



# University College of Wales

ABERYSTWYTH



# REPORTS

SUBMITTED TO THE

## COURT OF GOVERNORS

24th OCTOBER, 1945

1945

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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-fourth Session, 1945-46.

### COURT OF GOVERNORS

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Caradoc Road, Aberystwyth.

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The Hon. Gwenllian Philipps.....Llanstephan House, Llyswen, Brecs.

Norman Picton, Esq., Merchiston, 36, Sorbie Road, Adrossan, Ayrshire.

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Miss Olwen Rhys......12, Lime Walk, Headington, Oxford.

Lady Roberts, J.P.......Awelon, St. David's Road, Aberystwyth.

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Sir R. George Stapledon, C.B.E., M.A., F.R.S., Grassland Improvement Station, Dodwell, Stratford-on-Avon. Professor J. J. Sudborough, D.Sc., Ph.D., F.I.C., Craigdene, Lydwell Road, Torquay, S. Devon. Mrs. M. Tenney..........The Long House, Hindhead, Surrey. Roger Thomas, Esq., B.Sc., P.O. Box 14, Sind Land Development, Ltd., Mirpurkhas (Sind), India. Colonel Sir Charles Venables-Llewelyn, Bart., D.L., Llysdinam, Newbridgeon-Wye, Rads. The Hon. Samuel Vestey.......Stowell Park, Gloucester. His Grace The Duke of Westminster, D.S.O.... Eaton Hall, Chester. Governors for Ten Years From October, 1935 Professor R. I. Aaron, M.A., D.Litt., Brynhir, Penglais Road, Aberystwyth. \*Mrs. David Ellis......Cartrefle, North Road, Aberystwyth. Professor J. D. I. Hughes, M.A., B.C.L..........The University, Leeds. Talfryn James, Esq., M.Sc., 124, Susquehanna Avenue, Lock Haven, Pa., U.S.A. Professor W. J. Pugh, O.B.E., B.A., D.Sc., Rathen House, Spath Road, Didsbury, Manchester, 20. Walter Thomas, Esq., D.Sc., The Pennsylvania State College, Pennsylvania, U.S.A. \*Professor Olive Wheeler, D.Sc., University College of South Wales and Mon., Cardiff. From March, 1936 Professor A. W. Ashby, M.A., J.P., Hendre, Brynymor Road, Aberystwyth. J. Llefelys Davies, Esq., M.Sc......47, Surbiton Court, Surbiton, Surrey. Lieut.-Col. L. J. Hudleston, M.C., B.Sc......Greystoke, Llandre, Cards. Professor H. P. Lewis, M.A., Sc.D.....Llwyn, Upper Borth, Cards. Professor V. C. Morton, M.A. . . . . Eryl Mor, Brynymor Road, Aberystwyth. From April, 1936 \*Principal Ellen Evans, M.A.....Training College, Barry. From July, 1936 G. T. Bassett, Esq., A.R.I.B.A....Braeside, Caergog, Aberystwyth. Professor C. Daryll Forde, B.A., Ph.D., University College, Gower Street, London, W.C.1.  From October, 1936

Major John Edwards, 11, West Road, Coombe Lane, Kingston, Surrey.

From March, 1937

T. Ellis Lewis, Esq., B.A., LL.B.....Trinity Hall, Cambridge.

From April, 1938

Ivor P. Morris, Esq., B.Sc., National Liberal Club, Whitehall Place, London, S.W.1.

Thomas Jones, Esq., C.H., M.A., LL.D., Hafren, Caergog, Aberystwyth.

From May, 1939

Professor L. Newton, M.Sc., Ph.D., Banc-y-Rhos, Caemelyn, Aberystwyth.

From January, 1944

Miss A. Gower Jones, M.A., J.P.....Sunnyside, Aberayron,

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\*Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

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Brecs

Cardigan

\*The Right Hon. The Earl of Lisburne.....Crosswood, Cardiganshire.

Carmarthen

The Right Hon. Lord Dynevor, D.L., J.P., Dynevor Castle, Llandilo.

Merioneth

The Right Hon. Lord Harlech, P.C., G.C.M.G., D.C.L., F.S.A., Glyn, Talsarnau, Merioneth.

Montgomery

Major W. J. Corbett-Winder......Vaynor Park, Berriew, Mont.

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COUNTIES

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T. E. Watkins, Esq......Bronafon, Penyfan Road, Brecon.

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Carmarthen

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Denbigh: Sir Henry Morris Jones, Latchford Lodge, Standon, Herts. Wrexham: Robert Richards, Esq., B.A., Brynglas, Llangynog, Oswestry.

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Neath: D. J. Williams, Esq., House of Commons, London, S.W.1. Ogmore: E. J. Williams, Esq., Brynawel, Park Street, Bridgend. Pontypridd: Arthur Pearson, Esq., House of Commons, London, S.W.1.

Merioneth

Monmouthshire

Abertillery: G. Daggar, Esq., 25, High Street, Six Bells, Abertillery. Bedwellty: The Right Hon. Sir Charles Edwards, C.B.E., J.P., Miners' Office, Blackwood, Mon.

Ebbw Vale: Aneurin Bevan, Esq.....Beaufort House, Tredegar. Monmouth:
Pontypool: A. Jenkins, Esq.....Greenlands, Abersychan, Mon.

. . .

Montgomery
Clement Davies, Esq., K.C., House of Commons, Westminster, London,
S.W.1.

Pembroke

Major Gwilym Lloyd George, 42, Avenue Road, Regent's Park, London, N.W.8.

University of Wales

Boroughs

Cardiff

Central: T. G. Thomas, Esq., 62, Ely Street, Tonypandy, Rhondda. East: Professor H. A. Marquand, M.A., D.Sc., Department of Overseas, Trade, I.C.I. House, Millbank, London, S.W.1. South: Lieut. James Callaghan....13, Ashford Road, Maidstone, Kent.

Caernarvon District

Lieut.-Col. D. Price White......House of Commons, London, S.W.1.

Merthyr Tydfil

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Newport

Peter Freeman, Esq.......House of Commons, London, S.W.1.

Rhondda

Swansea

East: D. L. Mort, Esq.......House of Commons, London, S.W.1. West: Percy Morris, Esq.....House of Commons, London, S.W.1.

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Chancellor

Vacant.

Pro-Chancellor

The Right Hon. Lord Harlech, P.C., G.C.M.C., D.C.L., F.S.A., Glyn, Talsarnau, Merioneth

The President of The National Library of Wales:

\*Lieut.-Col. Sir George Fossett Roberts, C.B., O.B.E., D.L., J.P.,

Glanpaith, Aberystwyth.

The President of The National Museum of Wales:
The Right Hon. Lord Howard de Walden, LL.D., Chirk Castle, Near
Wrexham.

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Alderman William George, J.P......Garthcelyn, Criccieth.

The Principal of The University College of North Wales:
Principal D. Emrys Evans, M.A., B.Litt., University College, Bangor.

The Principal of The University College of South Wales and Monmouthshire:
Principal Sir Frederick Rees, M.A., M.Com., University College, Cardiff.

THE PRINCIPALS OF THE THEOLOGICAL COLLEGES APPROVED AND ACCEPTED BY THE UNIVERSITY OF WALES IN THE COLLEGE AREA:

The Theological College, Bala
The Rev. Principal David Phillips, M.A., Theological College, Bala.

The Memorial College, Brecon
The Rev. Principal Joseph Jones, M.A., B.D., J.P., Memorial College,
Brecon.

The Theological College, Aberystwyth

\*The Rev. Principal G. A. Edwards, M.A......Aberystwyth.

The Presbyterian College, Carmarthen

St. David's College, Lampeter

\*The Rev. Principal H. K. Archdall, M.A., St. David's College, Lampeter, Cards.

The Chairman of The Education Committee of Every Local Education Authority in The College Area:

COUNTIES

Brecon

The Rev. Principal Joseph Jones, M.A., B.D., J.P., Memorial College,

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Cardigan Alderman Hubert M. Davies
Carmarthen Alderman David Davies, C.B.E., J.PUwchgwili, Carmarthen
Merioneth Alderman Gwilym Evans, J.PAwelon, Festiniog
Montgomery Alderman W. C. Black, J.PBrynllwyn, Garthmyl, Mont
Pembroke The Rev. T. L. ParryThe Manse, John Street, Neyland
Radnor Captain Harri Williams, J.PGlyngwy, Rhayader
Boroughs:  **Carmarthen** Councillor J. O. Morgans11, Guildhall Square, Carmarthen
Llanelly Councillor Daniel Rees
Pembroke George Jenkins, Esq
The Principal and Director of Legal Studies of The Law Society:  E. R. Dew, Esq., LL.B., Law Society's Hall, Chancery Lane, London W.C.2

THE HEAD TEACHERS OF THE INTERMEDIATE SCHOOLS IN THE COLLEGE AREA, AND OF CHRIST COLLEGE, BRECON, AND LLANDOVERY COLLEGE:

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Aberayron.—J. T. Owen, Esq., M.A. Abersytwyth.—\*D. C. Lewis, Esq., M.Sc. Cardigan.—Thomas Evans, Esq., M.A. Llandyssul.—T. Edgar Davies, Esq., M.A. Tregaron.—S. M. Powell, Esq., M.A.

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Carmarthen (Boys).—Tudor Williams, Esq., M.A.
, (Girls).—Miss E. L. Davies, B.A.
Llandilo.—Evan Morris, Esq., M.A.
Llandovery.—Sydney Davies, Esq., B.Sc.
Llanelly (Boys).—T. V. Shaw, Esq., M.A.
, (Girls).—Miss E. M. Smith, B.A.
Whitland.—D. S. Richards, Esq., B.Sc.

MERIONETH

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,, (Girls).—Miss Dorothy Jones, B.A.

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Dolgelley (Boys).—John Lloyd, Esq., M.A.
,, (Girls).—Miss C. Orford, B.A.

Ffestiniog.—D. G. Reynolds, Esq., B.Sc. Towyn.—G. Brychan Rees, Esq., M.A., Ph.D.

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Llanfair C.—W. Dean Jones, Esq., B.Sc.
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Christ College, Brecon—The Rev. A. D. James, M.A. Llandovery College—The Rev. T. W. Thomas, M.A.

#### Elected Governors

To retire in October, 1945 Robert Y. Bickerstaff, Esq., Crossways, Grove Av.

#### To retire in October, 1946

#### To retire in October, 1947

#### Representative Governors

Nominees of The Lord President of H.M. Privy Council:

\*Professor H. J. Fleure, D.Sc., F.R.S., 123, Lapwing Lane, Didsbury, Manchester,

*Major W. J. Burdon-Evans, J.PBôd Ivan, Newtown, Mont. *Iwan Morgan, Esq., M.A12, High Street, Abergavenny.
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Cardigan Simon Davies, EsqGreengrove, Felinfach, Lampeter, Cards. The Rev. Fred Jones, B.A., B.DMaesmor, Talybont, Cards. D. Rees Morgan, EsqBlack Lion, Bow Street, Cards. The Rev. J. M. Lloyd ThomasY Bwthyn, Llanarth, Cards.
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Pembroke Councillor L. J. Meyler
Radnor Councillor Evan MorganThe Gables, Rhayader, Radnorshire. Alderman T. L. VaughanPlas Madoc, Llandrindod Wells. Captain Harri Williams, J.PGlyngwy, Rhayader. Mrs. Harri WilliamsGlyngwy, Rhayader.
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Aberystwyth Alderman J. Lewis Evans21, Great Darkgate Street, Aberystwyth.
Brecon Councillor A. J. Corbett
Cardigan Arthur Thomas, EsqEaling Dene, Cardigan.
Carmarthen Alderman William Jones

Haverfordwest Councillor L. T. Fisher, Kingswood, 13, Crown Hill, Haverfordwest.
Kidwelly Councillor John Jones
Lampeter The Rev. T. Oswald Williams, M.A., Brynllewelyn, Bryn Road, Lampeter,
Cards.  Llandovery Councillor D. T. DaviesTanycoed, Llandovery.
Llanelly Councillor W. Douglas Hughes, J.P., "Mayfield," College Square, Llanelly.
Llanfyllin Councillor T. H. W. WatkinsGwyndy, Llanfyllin.
Llanidloes Alderman G. F. Hamer, J.PSummerfield, Llanidloes.
Montgomery The Rev. D. E. M. Glynne Jones
Pembroke Colonel A. F. Beddoe
Pwllheli Councillor Thomas Owen PierceArallt, Salem Crescent, Pwllheli.
Tenby
Alderman E. H. Leach, J.P South Parade, Tenby.
Alderman E. H. Leach, J.P South Parade, Tenby.  Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils:
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils: Aberayron
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils: Aberayron Dr. E. Ll. Davies, J.PTanyfron, Aberayron.  Ammanford
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils: Aberayron Dr. E. Ll. Davies, J.PTanyfron, Aberayron.  Ammanford G. Tracy Phillips, EsqCross Keys Villa, Glanamman.  Bala
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils: Aberayron Dr. E. Ll. Davies, J.PTanyfron, Aberayron.  Ammanford G. Tracy Phillips, EsqCross Keys Villa, Glanamman.  Bala The Rev. Principal David Phillips, M.ATheological College, Bala.  Barmouth
Welshpool Councillor William RichardsLaurels, Salop Road, Welshpool.  Nominees of The Urban District Councils: Aberayron Dr. E. Ll. Davies, J.PTanyfron, Aberayron.  Ammanford G. Tracy Phillips, EsqCross Keys Villa, Glanamman.  Bala The Rev. Principal David Phillips, M.ATheological College, Bala.  Barmouth John Llewelyn Davies, EsqTanybryn, Barmouth.

Cwmamman R. O. Rees, Esq., M.A Y Fron, Glanamman, Ammanford.
Dolgelley Mrs. K. O. Rees, B.A
Ffestiniog John W. Thomas, Esq., B.A., J.P., Glan Eiddon, Manod, Blaenau Ffestiniog.
Fishguard Councillor M. D. LakeClement Road, Goodwick.
Hay W. S. Jones, Esq
Knighton C. A. Masters, EsqFairholme, Knighton.
Llandilo Councillor D. T. Edwards, Beechgrove, Carmarthen Road, Llandilo.
Llandrindod Wells T. P. Davies, EsqBelvedere, Llandrindod Wells.
Llanwrtyd Wells Samuel Rhys Griffith, Esq., M.A Brynderw, Llanwrtyd Wells.
Machynlleth Major R. H. Jones-Evans, M.B.EPenrallt, Machynlleth.
Milford Haven Councillor I. W. J. PhillipsThe Nelmes, Pill Lane, Milford Haven.
Narberth J. H. G. James, EsqLlwynon, St. James Street, Narberth.
Newcastle Emlyn The Rev. John Phillips Arwel, Newcastle Emlyn.
New Quay P. E. Price, EsqVoelallt, New Quay, Cardiganshire.
Newtown, Mont. Councillor John Griffith, J.P Trade Hall, Newtown.
Neyland Councillor S. C. Webb 16, Kensington Road, Neyland.
Presteigne The Rev. C. J. Harding The Manse, Broad Street, Presteigne, Rads.
Towyn  B. Glyn Jones, Esq
Nominees of The Central Welsh Board:
Alderman D. D. Davies

Nominees	OF	Managers	OF	INTERMEDIATE	School	DISTRICTS	IN	THE
			C	OLLEGE AREA:				

·
Breconshire: $Brecon$ Councillor Sir John Lloyd, The Granary, Abercynrig, Brecon.
Brynmawr Alderman Enoch Griffiths5, Park Crescent, Brynmawr.
Builth G. E. Sayce, Esq., J.PFernlea, Builth Wells
Ystragdynlais Councillor David ReesDanywaun, Penrhos, Ystradgynlais
Cardiganshire  Aberayron  Mrs. Mabel J. Lewis, J.PGwynfryn, Llanarth, Cards.
Aberystwyth J. Barclay Jenkins, EsqHenley, North Road, Aberystwyth.
Cardigan The Rev. E. M. LewisDelfryn, Penyparc, Cardigan.
Llandyssul Alderman David Evans, J.P., Pengelly, Brongest, Newcastle Emlyn.
Tregaron Alderman The Rev. J. E. WilliamsAfallon, Llanddewi Brefi.
CARMARTHENSHIRE  Amman Valley  John Phillips, Esq., J.P
Carmarthen The Rev. Waldo Lewis, B.ABriarleigh, Carmarthen.
Llandilo Alderman W. D. Davies
Llandovery Mrs. J. WilliamsLlystroyddin, Pumpsaint, Lampeter, Cards.
Llanelly Alderman Dame Gwendoline Trubshaw, D.B.E., J.P., Cae'rdelyn, Llanelly.
Whitland
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Bala R. T. Vaughan, Esq...... ...Ardwyn, Bala.

The Rev. Canon R. Hughes Williams, M.A., The Rectory, Barmouth.

Dolgelley A. Williams, EsqGwyneddfa, Dolgelley.
Ffestiniog Edward Jones, Esq
Towyn H. H. Disley, Esq., J.PTrigfan, Corris.
Montgomeryshire
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Llanfyllin Mrs. E. T. JonesCouncil House, Llanfyllin.
Llanidloes Mrs. S. G. Chapman
Machynlleth Evan Humphreys, Esq4, Londonderry Terrace, Machynlleth.
Newtown The Rev. David James, M.AAel-y-bryn, Newtown, Mont.
Welshpool Miss E. F. Humphreys-OwenGlansevern, Berriew, Mont.
Pembrokeshire
Fishguard Benjamin Raymond Lewis, EsqMarket Square, Fishguard.
Haverfordwest (Boys and Girls) Mrs. F. A. Middleton, J.PScotchwell, Haverfordwest.
Milford Haven George Stuart Kelway, EsqRathgate, Milford Haven.
Narberth Mrs. E. James, B.AGlenview, Bethesda, Narberth.
Pembroke Dock Mrs. Nora E. Davies, B.A41, John Street, Neyland.
St. David's J. Howard Griffiths, Esq., J.PPriskilly Farm, Letterston, Pembs.
Tenby. The Rev. H. E. Rogers, B.AThe Manse, Warren Street, Tenby.
Radnorshire
Llandrindod Wells H. D. Phillips, EsqThe Vista, Llandrindod Wells.
Presteigne Major J. Mostyn, M.C., M.A., County Education Offices, Llandrindod Wells.

#### NOMINEES OF HEAD TEACHERS OF PUBLIC ELEMENTARY SCHOOLS:

# 

Cardiganshire

E. D. Davies, Esq.....Boys' Council School, Aberystwyth. One vacancy.

Carmarthenshire

Miss J. A. Callard......Parcyrhun Council School, Ammanford.

T. Maddox, Esq.......School House, Abergwili.

Merioneth
William Johns, Esq......Council School, Llanbedr, Merioneth.
R. Wynne Thomas, Esq......Council School, Dyffryn.

Montgomeryshire

David Thomas, Esq.......School House, Caersws, Mont.
D. T. Evans, Esq., B.Sc.......C. of E. School, Newtown, Mont.

Pembrokeshire
R. G. Walters, Esq...Barn St. Boys' Council School, Haverfordwest.
W. T. Williams, Esq., B.Sc......Ty'r Athro, Blaenffos, Boncath.

#### Nominees of The Old Students' Association:

Nominees, who shall not be Members of the Staff of the College, Appointed by such Graduates of any of the Universities of the United Kingdom as have been Students of the College for not Less than Two Sessions:

Nominees of The Governing Body of The University College of North Wales:

NOMINEES OF THE GOVERNING BODY OF THE UNIVERSITY COLLEGE OF South Wales and Monmouthshire: Nominees of The Court of The University of Wales: Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina, Miss G. M. Richards, B.A., County School for Girls, Hengoed, Glam. The Rev. Professor W. R. Williams M.A., Tanybryn, Llanbadarn Road, Aberystwyth. NOMINEES OF THE HEBDOMADAL COUNCIL OF THE UNIVERSITY OF OXFORD: Nominees of The Council of The Senate of The University of CAMBRIDGE: Professor James Chadwick, M.A., Ph.D., F.R.S., The University, Liverpool. \*Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge. Professor P. H. Winfield, K.C., LL.D.....13, Cranmer Road, Cambridge. Nominees of The Senate of The University of London: Professor D. Hughes Parry, M.A., LL, M., Prys, Blake's Lane, New Malden, Professor C. J. Sisson, D.Litt., M.A., D.es-L., University College, Gower Street, London, W.C.1.
\*Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford. Nominees of The Law Societies in Wales: Bridgend District Law Society John Thomas Howell, Esq. . . . . . . . . . . . . . Bridgend. Cardiff and District Incorporated Law Society Chester and North Wales Incorporated Law Society East Carmarthenshire Law Society Hugh Williams, Esq.....Llandilo, Carm. Llanelly Law Society W. Edward Williams, Esq......Powell Street, Llanelly. Merthyr Tydfil and Aberdare Incorporated Law Society W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil. Monmouthshire Incorporated Law Society Pontypridd, Rhondda and District Law Society 

John Jenkins, Esq., Brynhyfryd, Battledown Approach, Cheltenham.

Swansea and Neath Incorporated Law Society

West Wales Law Society
Frederic H. Jessop, Esq., LL.B......Eastgate, Aberystwyth.

Nominees of The Branches of The British Medical Association in Wales:

North Wales Branch:

Dr. E. Lewys-Lloyd......Rhianfa, Towyn, Merioneth.

South Wales and Monmouthshire Branch:

Dr. Roland Williams......Dryslwyn, Clynderwen, Pem.

Shropshire and Mid-Wales Branch

Dr. A. Shearer......Mount Severn, Newtown, Mont.

Women Nominees of The Court of Governors:

#### Nominees of The Senate of The College:

Professor D. J. Ll. Davies, M.A., LL.B., Orlandon, North Parade, Aberystwyth.

Professor T. J. Jenkin, D.Sc....Rhoslwyn, Iorwerth Avenue, Aberystwyth.

Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth.

Nominee of The Teaching Staff not Being Members of The Senate:

A. Pinsent, Esq., M.A., B.Sc., Red Gables, Penglais Road, Aberystwyth.

Members of Court by Virtue of Membership of College Council:

\*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth.

\*Miss E. C. Nightingale, M.A.................The Mount School, York.

\*Sir John Russell, D.Sc., F.R.S., Campsfield Wood, Woodstock, Oxfordshire.

\*The Hon. Mr. Justice Stable .. Plas Llwyn Owen, Llanbrynmair, Mont.

\*H. M. Vaughan, Esq., M.A., J.P..............32, Victoria Street, Tenby.

Bankers—The National Provincial Bank, Limited, Aberystwyth.

Auditors—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

<sup>\*</sup>Denotes membership of College Council.

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#### Vice-Presidents

#### Treasurer

#### Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

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Nominee of the University of Wales
The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates
Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon.,
Cardiff.

Nominee of the University of Oxford
Principal Sir Frederick W. Ögilvie......Jesus College, Oxford.

Nominee of the University of Cambridge
Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge.

Nominee of the University of London Professor C. K. Webster, M.A., Litt.D., F.B.A., Balliol College, Oxford.

Nominees of the Senate of the College Professor E. D. T. Jenkins, M.A., Plas Penrhyn, Tre'rddol, Machynlleth, Mont.

Professor L. Newton, M.Sc., Ph.D., Bancyrhos, Caemelyn, Aberystwyth.

#### Elected Members

#### To retire in October, 1945

Emeritus Professor C. R. Chapple, M.A., Woodville, Penglais Road, Abervstwyth.

Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. Sir John Russell, D.Sc., F.R.S., Campsfield Wood, Woodstock, Oxfordshire. The Rev. Richard Ward, M.A., The Vicarage, Laura Place, Aberystwyth.

#### To retire in October, 1946

#### To retire in October, 1947

One vacancy.

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Vice-Principal:

R. B. FORRESTER, M.A. (Edin.), M.Com. (Vict.).

R. B. FOI	ARESTER, M.A. (Edil.), M.Com. (Vict.).
SUBJECTS	Professors and Lecturers
	Professor of Classics: E. D. T. JENKINS, M.A. (Oxon.).
	Lecturer: ARNOLD M. DUFF, M.A., B.Litt.
Greek and Latin	(Oxon.).  Assistant Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab.); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab.), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturer: J. EARNSHAW, M.A. (Manc.); Assistant Lecturer: W. A. ARMSTRONG, M.A. (Sheffield), Ph.D. (Yale).
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales.  Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales).  Assistant Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: E. R. BRIGGS, M.A., Ph.D. (Cantab.). Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Université de Paris. Assistant Lecturer: J. KILLA WILLIAMS, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Assistant Lecturers: HANDEL B. EDWARDS, M.A. (Wales); T. P. WILLIAMS, M.A. (Wales).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Lecturer; S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.). Assistant Lecturer: I. J. SANDERS, M.A., (Wales), D.Phil. (Oxon).
Welsh History	Sir John Williams Professor: DAVID WILLIAMS, M.A. (Wales), A.M. (Columbia). Special Lecturer: T. JONES PIERCE, M.A. (Liv.). Research Lecturer: A. J. RODERICK, M.A. (Wales), Ph.D. (Lond.).
Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.). Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Assistant Lecturer: J. R. JONES, M.A. (Wales).

Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales).  Senior Lecturer and Master of Method: ARTHUR PINSENT, M.A. (Lond.), B.Sc. (Wales).  Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota).  Senior Lecturer: G. H. GREEN, M.A. (Wales), Ph.D., B.Sc. (Lond.), B.Litt. (Oxon.).  Lecturers: IFAN AB OWEN EDWARDS, M.A. (Wales and Oxon.); Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall.  Assistant Lecturer: Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.).  Instructress in Needlework: Miss L. M. DAVIES, B.A. (Wales).  Instructor in Art and Crafts, and Curator of Museum:
	R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: Part-time Asistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Senior Lecturer: A, BEACHAM, B.A., (Wales), M.A. (Liv.), Ph.D. (Belfast). Lecturers: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales); J. H. MORRIS, M.Sc. (Lond.).
International Politics	Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.).  Lecturer in Colonial History: E. JONES PARRY, M.A. (Wales), Ph.D. (Lond.).
Music	Gregynog Professor: D. J. de LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. Assistant Lecturer: JOHN CLAPHAM, B.Mus. (Lond.), L.R.A.M., A.R.C.M. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing). HUBERT DAVIES, A.R.A.M. (Violin).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Lecturer: W. H. D. WINDER, M.A. (Oxon.), LL.M. (Lond.), Barrister-at-Law.
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Lecturers: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg); Miss DOROTHY S. MEYLER, M.Sc. (Wales).
Applied Mathematics	Independent Lecturer and Head of Department THOMAS LEWIS, M.Sc. (Wales).  Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales).  Assistant Lecturer: C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).

Physics	Senior Lecturer: R. M. DAVIES, D.Sc. (Wales),   F. Inst. P.   Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P.   Assistant Lecturers: D. A. RICHARDS, M.Sc.   (Lond.), A.R.C.S., D.I.C.   Technical Assistant: L. E. SULSTON, Assoc. I.E.E.
Chemistry	Professor: C. W. DAVIES, D.Sc. (Wales), F.R.I.C; Senior Lecturer: L. J. HUDLESTON M.C., B.Sc. (Lond.). Assistant Lecturers: J. B. BOWEN, B.Sc. (Wales). A.R.I.C.; C. MONK, B.Sc. (Lond.).
Zoology (including Agricultural Zoology)	Professor: T. A. STEPHENSON, D.Sc. (Wales). Senior Lecturer: E. E. WATKIN, Ph.D., D.Sc. (Wales). Lecturers: Miss F. G. REES, Ph.D., D.Sc. (Wales); J. R. ERICHSEN JONES, Ph.D., D.Sc. (Wales). Special Lecturer in Entomology: J. R. W. JENKINS, M.Sc. (Wales).
Geography and Anthropology	Gregynog Professor: Special Lecturer in Geography: W. E. WHITE- HOUSE, M.B.E. M.Sc. (Wales). Senior Lecturer: E. G. BOWEN, M.A. (Wales). Lecturer: WALTER FOGG, M.A. (Manc.).
Botany	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.), F.L.S. Lecturers: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.; P. W. CARTER M.Sc. (Wales); Miss IRENE M. WILSON, M.Sc., Ph.D. (Lond.).
Geology	Professor: H. P. LEWIS, M.A., Sc.D. (Cantab.). Senior Lecturer: J. CHALLINOR, M.A. (Cantab.). Lecturer: J. I. PLATT, M.Sc. (Manc.).
Agriculture and Rural Economy	J Professor: Assistant Lecturer: G. M. DAVIES, B.Sc. (Wales).
Agricultural Chemistry	Independent Lecturer and Head of Department:  R. O. DAVIES, M.Sc. (Wales), F.R.I.C.  Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales).
Agricultural Economics	J Professor: A. W. ASHBY, Hon. M.A. (Oxon). Assisted by Advisory and Research Staff (see below).
Agricultural Botany	Professor: T. J. JENKIN, D.Sc. (Wales). Lecturer: WILLIAM ELLISON, B.Sc., Ph.D. (Durham), N.D.A.
Advisory Chemistry	Adviser: R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Investigators: J. R. GRIFFITHS, M.Sc. (Wales); T. J. JONES B.Sc. (Wales); D. STEPHEN JONES, M.Sc. (Wales); J. R. LLOYD, B.Sc. (Wales); Miss D. M. M. WILLIAMS, B.Sc. (Wales); Miss H. L. JOHNSTON; J. CAMPBELL THOMAS; J. DYER JAMES, B.Sc. (Wales); W. R. REES, B.Sc. (Wales).
Advisory Agricultural Zoology	Adviser: J. R. W. JENKINS, M.Sc. (Wales). Assistants: T. G. DAVIES, M.Sc. (Wales); J. MORGAN JONES, B.Sc. (Wales); R. G. EVANS, M.Sc. (Wales).

(Adviser: D. WALTERS DAVIES, B.Sc. (Wales). Assistants: D. L. G. DAVIES, B.Sc., Ph.D. (Wales): Advisory Mycology D. K. JONES, B.Sc. (Wales). Adviser: S. B. THOMAS, M.Sc. (Wales). Assistant Adviser: G. M. PHILLIPS, M.Sc. (Wales). Advisory Dairy N.D.D. Bacteriology ..... J L. E. HUGHES, M.R.C.V.S., D.V.S.M., N.D.A. Veterinary Investigation Officer Director of College Dairy: JOHN LEWIS, N.D.A., N.D.D. Assistant: Miss MARY A. NELSON, N.D.D. Dairying Assistant Lecturer in Dairy Bacteriology: MAIR ROBERTS, B.Sc. (Reading), N.D.D. Director of College Farm SYDNEY JACKSON, N.D.P. Poultry Manager ..... Agricultural Bookkeeping Instructor: J. H. SMITH, M.Sc. (Wales). Director: Professor T. J. JENKIN, D.Sc. (Wales). Research Workers in charge of Investigations: T. J. JENKIN, D.Sc. (Wales); E. T. JONES, M.Sc. (Wales); GWILYM EVANS, M.Sc. (Wales); M. T. THOMAS, B.Sc. (Wales); Ll. IORWERTH JONES, B.Sc. (Wales). Assistants: A. R. BEDDOWS, M.Sc. (Wales); W. E. J. MILTON, M.Sc. (Wales), N.D.A.; LLYWELYN PHILLIPS, B.Sc. (Wales); D. E. EDWARDS, M.Sc. (Wales); DAVID J. GRIFFITHS, B.Sc. (Wales); WATKIN WIL-Welsh Plant Breeding Station LIAMS, B.Sc. (Wales); ALBERT J. DAVIES, B.Sc. (Wales); W. ELLIS DAVIES, B.Sc. (Wales); D. G. MILES, B.Sc. (Wales); AN-THONY W. MORRIS, B.Sc. (Reading). Translator: Miss RHODA PETER JONES, B.A. (Wales). Grassland Adviser: MOSES GRIFFITH, M.Sc. (Wales). Assistant Grassland Adviser: H. C. BOWEN, B.Sc. (Wales). Adviser: Professor A. W. ASHBY, Hon. M.A. (Oxon.).Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales). Marketing Assistant: E. LLEWELYN HARRY, M.Sc (Wales). Scientific Officers: J. H. SMITH, M.Sc. (Wales); J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D., Diplomas in Agriculture Agricultural and Dairying (Aberystwyth). Economics Research Demonstration Officer: J. D. GRIFFITHS, N.D.D., and Advisory Staff... Diplomas in Agriculture and Dairying (Aberystwyth). Senior Scientific Assistants: W. J. THOMAS, B.Sc. (Wales); V. H. BEYNON, B.Sc. (Wales). Junior Scientific Assistant: P. J. WATKIN, B.A. (Wales). Marketing Assistant (Co-operation):

Animal Health  Milford Professor: ALASTAIR N. WORDEN, B.A. (Cantab.), B.Sc. Lond.), M.R.C.V.S. (Lond.), A.R.I.C.  Administrative Officer: RICHARD PHILLIPS, M.Sc. (Wales), F.R.I.C. Special Lecturer in Bio-Chemistry: W. C. EVANS, M.Sc., (Wales), Ph.D. (Manc.)	
Physical Training	
Welsh Literature	
English J. W. H. ATKINS, M.A. (Cantab.).  Law T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.).  Zoology R. D. LAURIE, M.A. (Oxon.).  Agriculture J. JONES GRIFFITH, B.Sc. (Wales).  Chemistry T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.  French J. L. ANDRÉ BARBIER, Licenciê es Lettres (Paris), O.A., Chevalier de la Lêgion d'Honneur.	

Director Emeritus of the Welsh Plant Breeding Station

SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

### ADMINISTRATION

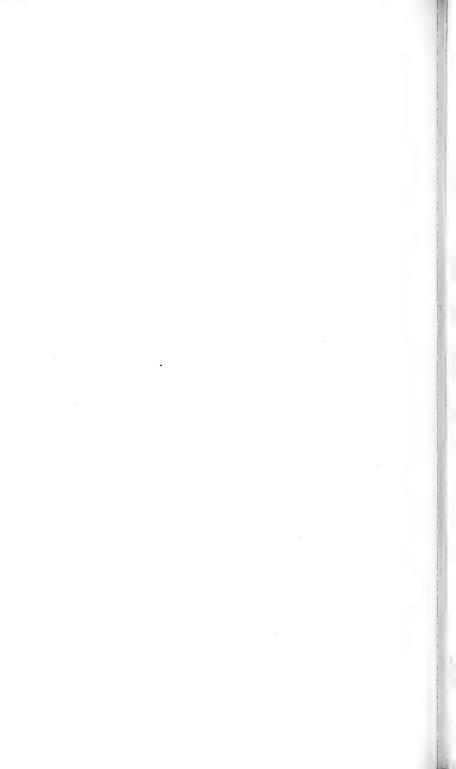
Registrar: T. MAELGWYN DAVIES, M.A. (Wales).

Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.

Librarian: ARTHUR AP GWYNN, M.A. (Wales).

Senior Warden of the Halls of Residence for Women Students and Warden of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.).

Warden of Carpenter Hall: Mrs. G. MORGAN JONES, B.A. (Wales).



# REPORT

### 1944-1945

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1945, is presented:—

#### I.--STUDENT NUMBERS

		Sessions	;		
	1940-41	1941-42	1942-43	1943-44	1944-45
Total Numbers.  Men  Women  Total	252 216 ——468	253 260 ——513	233 311 ——544	199 298 ——49 <b>7</b>	215 318 ——533
First Year Students.  Men  Women	108 69	126 110 ——236	120 118 ——238	93 113 ——206	107 117 224
Degree Students. Initial Degree Post-graduate Total	382	432 7 ——439	452 4 ——456	410 5 ——415	427 4 ——431
Other Students (excluing Short Courses)	rd- 78	74	88	82	102
Distribution of Students. NORTH WALES. Anglesey Caernarvonshire Denbighshire Flintshire Merioneth Montgomeryshire	9 10 18	2 19 9 9 26 28 —— 93	2 14 14 11 16 30 87	3 17 14 9 14 22 — 79	4 18 21 10 12 18 83
SOUTH WALES AN MONMOUTHSHIR: Breconshire Cardiganshire Carmarthenshire Glamorgan Pembrokeshire Radnorshire Monmouthshire	E. 10 99	10 115 58 142 16 3 17 ——361	15 112 77 156 16 ————————————————————————————————	14 87 77 148 17 2 20	16 77 76 160 22 5 24 ——380
REMAINDER OF GRE. BRITAIN OVERSEAS	37 10	50 9	50 <b>7</b>	47 6	65 <b>5</b>

II. STATISTICS OF COLLEGE DEPARTMENTS.

		-	The second secon					-			-						-				-	1
History	:	14		42	12	4 5	1	I	13+1‡	41	11	4	10	1	- 7+1*	37	10	4	Ŋ		1	1
International Politics	olitics	:			1	I	1	1	1	1	1		T		1	1	1	1		7	1	
Philosophy	:	16	16 1	-	5	2 1		T	16	11	20	2	1		- 14	10	2	2	-	-	1	ı
Welsh	-:	:	5 1	15	15 11		[		7.5	15	15	<u></u>	5			6	15		10	1	1	ı
Welsh History		14	4	1	7		1	1	12+1‡		2				7	-	2			Ī	1	ı
Botany	:	57		37 1	14 6	5	-	1	51	37	14	9	5		40	31	14	4	5		-	1
Chemistry	:	48		29	3 16.	5.			47	27	2	15	5		- 39	25	Н	14	5	-		1
Geology		:	35 1	10	5 1	1	-	I	33	10	5	-			- 27+1*	6	5	н.	!	-		1
Mathematics			-	<u> </u>	- 00	-		Ī	-		6+11	<del>-</del>	1			!	4	1	H			29
Do. Applied	:	:	3 1	13	τυ	3	1		3	11	5+1+	-	-		2+2*	6	3	1				1
Do. Pure	:	10		20	-6	3 1	-		10	18+1†	9+1+		1	1	7+2*	15	7		H			1
Physics	:	13		23	16	1	-		11+11	20+4†	16+1+			-	4	14	3	∞		I		1
Radio					11	1	1	I		6+1†	6		-		-		7	1		-[		I
.Zoology	:	43		22	-8	6 3		1	39	21	7	9	2		- 17	13	3	9	21	1		ı
Law	:	:	<del>-</del>	12	∞	-	-	1		11	8+1+	1			1	∞	6	Ī	-			1
Music	:	:	3	7	9		-	98	2	9	9	_	1	1	- 1	5	9	-	1	$\neg$		, ,
*Gr	anted p	ass a	t Inte	rmedi	iate §	stage	on res	sult o	*Granted pass at Intermediate Stage on result of Subsidiary Examination.	ary Exa	mination	٦.	†Ext	ernal S	†External Students.		anted	‡Granted Final Pass.	ass.			

#### III. AWARDS HELD

### 1. Entrance Scholarships and Exhibitions were awarded as follows:-

	(a)	OPEN SCHOLARSHIPS	
Award	Value	Name of Student	School Attended
Price Davies Price Davies Keeling Entrance Commerical Travellers Mold Eisteddfod Rendel Memorial	£35 35 25 25 15	Pugh, Sarah A. Gawler, Mabel R. *Bartlett, Beryl H. Heywood, Leo J. G. Tyrrell, Margaret J. James, Rae	Porth Girls' County Llangefni County Porth Girls' County Presteign County Rhymney Secondary Mountain Ash County
	(b)	CLOSED SCHOLARSHIP	S
R. H. Richards Mynyddog Robert Bryan Music Joseph Thomas David Jenkins Ellis Eyton Perrott	£40 30 30 26 25 10	Trevena, David H. Rolfe, Margaret J. Davies, John R. Richards, Arthur R. Morgan, Edna Edwards, Gwilym A. Davis, Phoebe G.	Aberystwyth County Llanelly Girls' County Porth Boys' County Llanelly Boys' County Bridgend Girls' County Machynlleth County Aberystwyth County

### 2. Other Scholarships and Exhibitions were held by the following:-

(a)	Renewed	POR	A	Second	Year
,		77 7			3.7

Award		Value	Name of Student
Price Davies		£35	Griffiths, Brenda M.
Price Davies	*****	~35	Ware Charlotte S.
Rendel Memorial		25	Howells, Jennie
Commercial Travellers		20	Holmes, George A.
Brereton		20	Jenkins, Enid G.
Elizabeth Davies		20	Evans, Mary E.
Humphreys-Owen	*****	20	Griffiths, Megan

#### (b) RENEWED FOR A THIRD YEAR

Thomas Davies	*****	£50	Jones, Evan W.
Pritchard		30	Roberts, Robert
Sir Alfred Jones		25	Lloyd, Marion C. M.
Dr. David Thomas		25	Pinsent, Brian R. W.
Commercial Travellers		20	Jones, Margaret E. G.
Sir Alfred Jones		25	Lewis, Audrey

#### (c) Awards held for One Year

Tom Jones Scholarship in Sur	gery £25	Phillips, Buddug
Rudler Exhibition	<sup>~</sup> 25	Williams, Alwyn
Cynddelw Welsh Scholarship	21	Lewis, Mari

<sup>\*</sup>Award held for one term only.

## INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary. F.—Final. H.1.—1st Year Honours. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1944

# Faculty of Arts

Baker, Beryl Crampton Davies, Elizabeth Verena Davies, Mary Olwen Edwards, Heulwen Cicely Evans, Margaret Gwendoline

Fordham, Freda Mary Gough, Constance

Hawkins, Cynthia Elizabeth Barbara

Hughes, Margaret Mair Adela Jacobs, Bertha Mary Jenkins, Elwyn Parry

Jones, Arthur Jones, Dilys Ivor

Moseley, Mary Elizabeth

Gwenhwyfar Owen, Trefor Meredith Parry, Winifred Nest Powell, Olive Prothero, David Kempton Curtis

Rees, Gwendolyn Annie Richards, Joan Rush, Olwen Evans

Thomas, Hilda Elizabeth Thomas, William Vernon Elias

Harris, Russell John Hughes, John Gwyn

I. French S. French I. French

S. History S. English

I. Latin S. History

I. Philosophy S. Geography

S. English I. Philosophy

S. Constitutional Law

S. Welsh

S. German I. History I. French

I. History I. German S. French I. History

I. French S. Economics S. German.

Faculty of Law

Pt. I. Contract and Tort

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I Contract and Tort

#### Faculty of Science

Daniel, Thomas John Davies, Brenda Davies, Eira Francis

Davies, Mary Joyce Walters Evans, David Daniel

Goodman, Gordon Terence Jones, Margaret

McChesney, Glyn Melrose McClelland, James Charles

Owen, John Desmond Rees, John Thomas Roberts, Mair Waldo Silburn, Robert John Stock, Irene Mary

Thomas, Kathleen Elizabeth Williams, Megan Briall

S. Physics

S. Zoology I. Zoology I. Botany

S. Physics S. Zoology

S. Geography S. Physics

S. Physics S. Mathematics

I. Pure Mathematics

S. Zoology S. Physics

S. Botany

S. Economics

S. Zoology

Faculty of Science (Pre-Med. or Pre-Pharmacy)
Brian Meredith I. Zoology

Frost-Smith, Brian Meredith Phillips, Buddug

I. Botany

Faculty of Rural Science

Caukwell, Vivian Gwen Dubuis, Marguerite Elizabeth Jones, Richard Evan Jones, Thomas Griffiths Jones, Thomas Samuel Lewis, Patricia

Phillips, Winifred Maisie Swalwell, Joseph Gordon Thomas, Mary Devonald

Williams, Islwyn

I. Zoology I. Zoology I. Botany

S. Agricultural Botany

I. Botany

S. Agricultural Botany S. Agricultural Botany

I. Zoology

S. Agricultural Botany I. Botany.

(b) June, 1945

Abraham, Joan

Adams, Annie Josephine Harris

Allen, Barbara Jean

Allen, Mary Newton Baker, Beryl Crampton Beckett, Evelyn Marcia Homer Bevan, Edythe Joan Borley, Marguerite Marianne Amelia Bracegirdle, Brian Burge, Margaret Hylene Carpenter, Sylvia Mary Clothier, Beryl Margaret

Corfield, Alwyn Rosemary Coutouy, Yvonne Marguerite Marie Cox, Dorothy Sylvia Curedale, Edwina Ivy

Daniel, Esme

Davies, Aneurin Davies, David Cyril Davies, Dewi Aled Eirug

Davies, Dorothea Maude Davies, Dorothy Ray Gurnosa Davies, Eleri Eirug

Davies, Elizabeth

Davies, Elizabeth Verena Davies, Emily Olivia Davies, John Glanffrwd Treharne Davies, John Rhoslyn

Faculty of Arts
I. English, I. French, I. History, I. Geology

Elem. Greek, I. Latin, S. French, I. English

S. English, I. French, S. Education, I. Art

F. English, F. Philosophy S. English, S. History

H.1. English, F. French H.1. Welsh, S. Education, H.1. Music I. English, I. French, I. Philosophy, Geology

S. Economics, S. Geography

S. Economics S. English, S. French, S. History S. English, S. History, S. Geography,

I. Geology F. English, S. Education S. English, H.I. French, S. History

I. English, I. Philosophy, I. Geology I. English, I. French, S. History,

S. Geography S. English, I. French, S. History, S. Economics

S. History, S. Economics S. History, S. Economics, S. Geography Elem. Greek, I. English, S. Welsh, I. Philosophy

F. Education, I. Art, F. Music

H. English, II (2)

H.1. Welsh, F. History, S. Education S. English, I. Welsh, I. German,

S. History

H.1. Economics, H.1. Geography

H. Geography, II (2) I. Welsh, I. Geology

S. English, I. Philosophy, S. Music, S. Geography

Davies, Mair Jeffreys Davies, Margaret Eleanor

Davies, Marion Davies, Mary Olwen

Davies, Megan Davies, Rachel Mary Davis, Phoebe Gwylan

Edwards, Gwilym Arwyn

Edwards, Heulwen Cicely Edwards, Joan Edwards, Nancy Emlyn-Jones, Nona Evans, David Donald Bonnell Evans, Dorothy May Evans, Gwenllian Evans, Ieuan Gwyn Evans, John Allan Evans, Llinos Evans, Margaret Gwendoline Evans, Mary Eira Farmer, Lorna Mary Fordham, Freda Mary Gawler, Mabel Rosina George, Yvonne Suzanne Gough, Constance Griffiths, Anne Jane Griffiths, Elsie Jeanne

Griffiths, Megan (Penygraig) Griffiths, Royston Gulwell, Margaret Hallesy, Elinor (née Jenkins) Harries, Mairwen Harris, Elizabeth Gwenllian Harris, Eunice

Griffiths, Margaret Violet

Harris, Margaret

Griffiths, Mair

Harry, Mary Gwynneth Hawkins, Cynthia Elizabeth Barbara Hayward, Hugh

Heywood, Leo James Glynne

Holmes, George Arthur Howells, Jennie Hughes, Elizabeth Beryl Hughes, Iona Vivien Hughes, Joan Mary Hughes, John Cledwyn

Hughes, Margaret Mair Adela

S. English, S. French, F. History S. English, S. French, S. German, I. Philosophy

S. Latin, I. English, S. French, S. Music

S. English, S. History, S. Constitutional Law

S. English, I. Welsh, I. French, S. History F. English, F. Philosophy, F. Education

S. English, S. French, I. German, S. History

S. English, I. French, S. History,

S. Geography
S. English, H.1. Welsh, F. History
S. English, S. French, I. History
H.1. Welsh, S. Economics, F. Geography
F. English, H.1. German
I. French, I. History, S. Feography

I. French, I. History, S. Economics

S. Latin, S. English, S. French, I. German H. Economics, I

I. History

I. Art

H.1. English, F. Welsh
F. English, H.1. Welsh
H.1. Latin, H.1. History
S. English, H.1. German
F. French, H.1. History
S. Latin, S. English, S. French, I. German
H. French, II (1) and Cert. of Oral Prof.
E. History, H.1. Geography

F. History, H.1. Geography H.1. Welsh, H.1. Philosophy

S. Latin, S. English, S. French, I. German F. German

S. English, S. Welsh, S. Philosophy,

S. Music

H. History, II (1)
S. Latin, S. English, I. French, S. History
I. English, S. French, S. Welsh
H.1. Philosophy, S. Economics
S. English, H.1. Welsh, S. Education
H. French, H. (1) and Cort. of Oral Prof.

H. French, II (1) and Cert. of Oral Prof. S. English, S. German, S. History,

S. Philosophy

I. Greek, S. Latin, S. Welsh, S. Pure Maths.

F. English, H.1. French, S. Education H.1. French

S. Latin, S. English, S. French, I. German S. English, S. French, I. German, S. History

S. Latin, H.1. History, H.1. Economics H.1. English, H.1. Welsh

S. Education H. English, II (2)

F. English, H.1. History I. English, S. Economics, S. Geography, I. Geology

H.1. Economics

Hughes, Nancy Hughes, Ursula Cerrie

Hutton, Dorothy Mary

Isaac, Raymond Arthur Jacobs, Bertha Mary

James, Kenneth Ian

James, Margaret Annie Mary James, Rae,

Jenkins, Dorothy Ilene Jenkins, Enid Gwyneth John, Gwyneth Pamela Jones, Arthur Jones, Audrey Mary Jones, Barbara Iolen Jones, Catherine Glyn Jones, Dilys Ivor Jones, Dorothy Margaret Jones, Gwenllian May

Jones, Lilian Mary Jones, Margaret Elizabeth Glennys Jones, Mary Elisabeth Portman Jones, Meiriona Jones, Morna Morgan Jones, Muriel Gladys Jones, Myra Jones, Nancy Winifred (External) Jones, Ruth Ellen Alice Jones, Thomas Clifford Kear, George Osmond

Kelly, Sheila Winefride Kendall, Reginald James Kent, Isabel Sylvia Kornell, Karel Lamb, Robert Thomas Brydon Laver, Margaret Rowe Lawson, Brenda Mary Lewis, Doris Winifred Anne

Lewis, Eleanor Nesta Lewis, Mari Lewis, Nellie Jane Lewis, Yvonne Doreen Llewellyn, Alice Mary Llewellyn, Gwyn

Lloyd, Betty Lloyd, Derrick Aubrey Lloyd, Olwen Annie Lloyd, Thomas Griffiths Lott, Marjorie Edith Morgan, Anne Margaret

F. French, H.1. Music S. Latin, S. English, I. German, S. History S. English, S. French, S. Geography,

I. Geology

I. Geology H.1. French, S. Economics, H.1. Geography

S. English, S. History, S. Geography, I. Geology

H.1. Welsh, H.1. Geography S. English, S. German, S. History, S. Philosophy

H. Economics, II (2), S. English Law F. Latin, H.1. English S. Latin, S. English, S. French, I. German H. Philosophy, II (1)

S. English, S. History, S. Education F. English, F. History

F. English, H.1. French, H.1. Philosophy H.1. Welsh, S. Education

F. Latin, H.1. French

I. French, S. Economics, S. Geography, I. Geology

H.1. Geography H. English, II (1), I. Philosophy I. French, I. Philosophy

H. History, II (2) I. English, I. French, I. Philosophy S. Latin, S. French, I. German

H.1. English, I. German, F. History S. French

H. History, I I. Welsh

I. French, S. History, S. Geography, I. Geology

I. French

H. History, II (2) F. English, F. French, H.1. Philosophy H.1. Economics, F. English Law

I. French, S. History, S. Geography I. Latin, S. English, S. French, S. History H. French, II (1) and Cert. of Oral Prof.

H.1. Economics, H.1. Pure Maths., F. Geography

S. Latin, S. English, F. Welsh

H. Welsh, II (Ĭ) H. Welsh, II (1)

S. Latin, S. English, S. French

H.1. Welsh, H.1. French I. History, S. Economics, S. Geography,

I. Geology
I. Welsh, S. History, S. Economics
I. English, I. Geology
H.1. French, F. English Law
F. Latin, H.1. Welsh
Latin, F. English H.1 French

H.1. Latin, F. English, H.1. French H. History, II (2)

Morgan, Edna

Morgan, Frank Leslie

Morgan, Heulwen Mills Morgan, Mari Averina Morris, Robert Thomas Moseley, Mary Elizabeth Gwenhwyfar

Naish, Lily Oakley, Howell Owen, Anna Elinor

Owen, Thomas Alun George

Parry, Winifred Nest. Parsons, Roland Pennington, Stella

Phillips, Mona Eileen Pickering, Sheila Rhiannon Powell, Olive

Prothero, Ralph Mansell Prytherch, Peggy Pugh, Evan Owen Pugh, Sarah Aurona

Reddin, Eileen May Rees, Agnes Johnston Rees, Gwendolyn Annie Rees, Gwyneira Rees, Margaret Elizabeth Gwenda Rees, Olwen Marjorie Reynolds, Elizabeth Susannah

Richards, Joan Roberts, Agnes Freda Roberts, Eluned Rolfe, Margaret Joan

Rowlands, Anita Mary Rush, Olwen Evans Ryan, Gladys Miriam

Sivell, Mary Eileen Snook, Hilary

Stainforth, Anita Stewart

Steele, Valerie Elizabeth

Thomas, Beryl Elizabeth Thomas, Eirwen Thomas, Frances Anne Thomas, Margaret Eirianon Thomas, Margaret Maurine

S. English, S. History, I. Philosophy, S. Music

I. English, I. History, S. Economics,

S. Geography H. Welsh, II (1)

H. Geography, II (1) H.1. Economics, F. Geography S. English, S. French, H.1. German

H. English, II (1)

H.1. German

S. English, S. French, S. History, S. Philosophy

S. Latin, S. French, I. Philosophy, S. Economics

S. Latin

S. Latin, H.1. Geography, S. Geology S. English, I. French, S. History,

S. Ğeography I. Latin, I. French

H.1. English, F. History, I. Philosophy F. English, S. Education, S. Economics, S. Geography

H. Geography, II (2) H.1. Welsh, F. Geography S. History, H.1. Economics S. Latin, S. English, S. French,

S. Philosophy

H. Music, II (1) I. English, I. French

F. English, H.1. Economics
S. English, S. Geography
S. English, S. Welsh, S. French

H. Geography, II (2) S. English, S. German, S. History, S. Philosophy

F. English, S. Philosophy, S. Economics F. English, S. Economics, H.1. Geography S. English, S. French, I. Philosophy

S. English, S. Welsh, S. Philosophy, S. Music

I. Greek, S. Latin, S. Philosophy

S. English

I. English, S. French, S. German,

I. Philosophy ' H. Welsh,  $I\bar{I}$  (1)

S. English, S. French, I. German, S. History

S. English, S. History, S. Geography,

I. Geology
F. History, S. Economics, S. Constit.
Law, S. Geography

H. Geography, III H.1. English, F. History.

H. French, II (1) and Cert. of Oral Prof. I. Latin, I. English, S. Welsh, I. History S. English, S. Welsh, S. Geography,

I. Geology

Thomas, Mary Elizabeth Megan

Thomas, Olwen (External) Thomas, Sarah Mary Thomas, William Vernon Elias Tuck, Olwyn Mary Winifred Tyrrell, Margaret Jean

Ware, Charlotte Stephanie

Webster, John Roger West, Sheila Margaret

White, Joan Augustus

Williams, Clifford Arthur Williams, Edward Kyffin

Williams, Emlyn James Thomas, Williams, Geoffrey Harold

Williams, Gwendon (External) Williams, Jean Margaret Williams, Joan Hydon Williams, John Ellis

Williams, Mary Olive

Wright, Harold Edward

S. English, I. Welsh, S. Education, H.1. Music

S. English H. Welsh, II (1)

S. Economics

Elem. Greek, S. Latin, S. English, S. Welsh

H.1. English, H.1. French, H.1. Philosophy

S. History, S. Geography, I. Geology I. English, I. French, I. History,

I. Geology S. English, S. History, S. Geography,

I. Geology S. English, S. History, S. Philosophy

S. English, S. French, S. Pure Maths.,

I. Applied Maths. H. Geography, III

S. English, S. German, S. History, I. Music.

F. English

I. Latin, S. English, S. French, S. History

H.1. German, F. History

S. History, S. Economics, S. Geography, I. Geology S. English, I. Welsh, S. Geography,

I. Geology I. Latin, I. English, I. French,

I. Philosophy

Faculty of Science

I. Pure Mathematics, I. Applied Mathematics, I. Physics

F. Geology

F. Mathematics, H.1. Physics, Adv. Radio

S. Economics, H.1. Botany H.1. Pure Mathematics, H.1. Applied Mathematics, Adv. Radio

H.1. Chemistry

F. Physics

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

S. Pure Mathematics, I. Physics, S. Chemistry

F. Zoology, H.1. Geography, S. Botany

H.1. Zoology
H.1. Economics, S. Zoology
I. Zoology, S. Geography, I. Botany
F. Pure Mathematics, H.1. Physics, Adv. Radio

I. Pure Mathematics, I. Chemistry

S. Geology

H. Mathematics, II (1)

F. Pure Mathematics, H.1. Physics F. Pure Mathematics, H.1. Physics

Beach, Sydney Alfred

Beer, Michael King Benbow, John Jones

Bowen, Hannah Bowen, Ronald

Cuffin, Mary Brenda Daniel, Thomas John Davenport, Thomas Charles

Davey, Joan Louise

Davies, Annie Elizabeth Davies, Brenda Davies, Eira Francis Davies, Elizabeth Ann Davies, John Heddwyn

Davies, John Oswell Davies, Mary Joyce Walters Edwards, Audrey Elizabeth Edwards, David Hugh Evans, David Daniel

Evans, David George

Evans, Glenis Sybil Sarah Alice Evans, Hilda

Evans, Joan Margaret Cynthia George, William James Goodman, Gordon Terence Grant, Elfryn Wynne Griffith, Thomas Ceiri

Griffiths, Aneurin Lawrence Ellis Griffiths, Margaret Elizabeth Griffiths, Megan (Newtown) Hayman, David Alan

Hill, Arthur Anthony

Humphreys, Janet Auburn James, Mary Gaynor Jehu, Llewelyn Hudson Jenkins, Eleanor Mary Jenkins, Ivor Lloyd Jones, Barbara Marie Jones, Catherine Elizabeth Jones, Eirlys Jones, Enid Gertrude Mary

Jones, Evan William Jones, Graham

Jones, John Humphrey Jones, Mary Lilian Elizabeth Jones, Megan Llewelyn Jones, Thelda Non Jones, Thomas Griffith

Jones, William Humphrey Jones, William Meirion Laker, William Eric Lewis, Aileen Lewis, David Gareth Price

Lewis, Joyce

Lewis, Patricia Lloyd, Barbara Lloyd, Frances Maud Gillis

Lloyd, Marion Ceinwedd Mary Marriage, Peter Antony

Marsden, James Peter Morgan, Thomas Meirion

Morris, Norman

McChesney, Glyn Melrose

 Pure Mathematics, S. Physics, S. Chemistry

S. Chemistry, S. Geology

S. Pure Mathematics, S. Applied Mathematics, S. Physics

I. Geology

F. Pure Mathematics, H.1. Physics H.1. Chemistry, H.1. Botany F. Geography, S. Geology F. Mathematics, H.1. Physics,

Adv. Radio

I. Chemistry, I. Zoology, I. Botany H. Zoology, II (1)

H.1. Botany

I. Pure Mathematics, S. Physics, S. Chemistry, S. Radio

F. Mathematics, H.1. Physics, Adv. Radio

H.1. Zoology, F. Botany

S. Botany

S. Chemistry, S. Geography, S. Geology

S. Chemistry, S. Botany

H.1. Chemistry, H.1. Geology

H.1. Economics, S. Zoology, H.1. Botany I. Chemistry, I. Zoology, S. Botany S. Zoology, S. Botany

I. Pure Mathematics, S. Physics, S. Chemistry

H. Botany, I

 Pure Mathematics, S. Geography, I. Geology

I. Botany, I. Geology

S. Geography, S. Zoology, I. Botany S. Geography, S. Zoology, S. Botany

I. Chemistry

S. Pure Mathematics, S. Applied Mathematics, S. Physics, S. Radio

S. Zoology, S. Botany, S. Geology S. Chemistry, I. Zoology, S. Botany

F. Mathematics, Adv. Radio F. Geography, S. Botany

S. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Pure Mathematics, S. Applied Mathematics, S. Physics.

H. Botany, II (1) S. Chemistry, S. Zoology, S. Botany S. Pure Mathematics, S. Applied

Mathematics, S. Physics

H. Geography, I S. Pure Mathematics, S. Applied Mathematics, I. Physics

F. Applied Mathematics, Adv. Radio

I. Pure Mathematics, S. Physics, S. Chemistry

S. Pure Mathematics, I. Applied Mathematics, S. Physics, S. Radio

F. Chemistry

McClelland, James Charles Owen, John Desmond Owen, Wyndham Gethin

Parry, William John David Royston Parry-Williams, Ann Morna Pattimore, Dorothy Yvonne Phillips, Mair Beynon Philpott, Joan Miranda Pinsent, Brian Roy West Powell, Henry Thomas Price, Jennie Pyrah, Patrick Frank

Rawlins, Cuthbert Kenneth Rees, John Thomas Rees, Nancy Sulwen Margaret Reynolds, Moyra Richards, Arthur Raymond

Roberts, Doreen Elizabeth Roberts, Joan Mary Wynne Roberts, Mair Waldo Roberts, Phillip Alan

Roberts, Robert Silburn, Robert John Slater, Florence Nellie Smart, Mary Kathleen Thomas, Charles Aubrey

Thomas, David Eric Thomas, Gwynfor Thomas, Kathleen Elizabeth Thomas, Menna Thomas, Thelma Thomas, Verona Trevena, David Henry

Vaughan, Irene Walters, Joan Mary Wilkinson, Ernest Malcolm Williams, Doris Evelyn Williams, Iorwerth Williams, Mair Williams, Megan Briall Williams, Richard Hall Williams, Robert Gwilym Williams, William Vaughan Wyatt, Peter Arthur Harris

H.1. Geography, F. Geology F. Physics S. Economics, H.1. Geography, F. Geology I. Chemistry, I. Botany

I. Chemistry, I. Zoology H.1. Zoology, F. Geography, S. Botany F. Geography, S. Botany I. Botany

H. Chemistry, I H.1. Zoology, H.1. Botany I. Zoology, S. Botany

S. Pure Mathematics, I. Applied Mathematics, S. Physics, S. Radio S. Chemistry, I. Botany, I. Zoology

S. Chemistry S. Economics, S. Geography, S. Botany F. Zoology, H.1. Botany S. Pure Mathematics, S. Applied Mathematics, S. Physics

H. Geography, I H.1. Applied Mathematics, F. Physics F. Geography, H.1. Botany

I. Pure Mathematics, I. Physics, S. Chemistry H. Chemistry, I S. Pure Mathematics

H. Botany, II (1) H.1. Geography, F. Geology I. Pure Mathematics, I. Physics, I. Chemistry

F. Pure Mathematics, H.1. Physics S. Chemistry, S. Zoology, S. Botany H. Zoology, II (1) H.1. Economics, S. Geology

H. Botany, II (1) S. Zoology, S. Botany, S. Geography S. Pure Mathematics, S. Applied Mathematics, S. Physics S. Chemistry, S. Zoology, S. Botany

S. Economics, S. Geography, I. Botany H. Chemistry, I S. Economics, F. Zoology, S. Botany

S. Zoology, S. Geography, S. Geology I. Zoology, I. Botany H.1. Zoology

S. Economics, S. Geography, S. Geology H.1. Geography, F. Geology I. Geology

H. Chemistry, I

Faculty of Science—(Pre-Med. Pre-Pharm. or Pre-Vet.)

Hiscox, Harry George Edward Jones, Marie Fursman Richards, John Scoggins, Patrick Gascoigne

I. Chemistry, I. Botany
I. Chemistry, I. Zoology, I. Botany

I. Zoology I. Zoology, I. Botany

Alexander, Sydney Charles Ashby, Andrew Wilfred, B.Sc.

Barling, David Mansel

Bevan, Edward Alan Bridge, Clement James Richard Caukwell, Vivien Gwen

Charles, Hugh Daniel John Clark, Michael Francis

Cox, Marian Elizabeth

Cullen, Anthony Desmond Davies, David Thomas Davies, Ieuan

Davies, Mary Ceinor Devonald, Vivian George Dubuis, Marguerite Elizabeth

Edwards, Edward Hugh Lewis Edwards, Lynn Edwards, Rhys Alun

Evans, David Hugh Evans, Thomas Arthur

Evans, William Gordon

Fidler, Douglas Nigel

Frick, Eric Lionel

Galliver, George Bruce

George, Margaret Enid

Ginnever, Oswald Robert Godsell, Thomas Ernest Griffiths, Donald Alister Griffiths, Ellis

Gruffydd, Meinir Gwynne, David Clifford Harberd, David James

Harris, James David Angell

Holmes, Thomas David Hourahane, Kathleen Theresa Howells, John Cecil

Faculty of Rural Science
harles
I. Botany, I. Chemistry, I. Zoology H. Economics with Agricultural

Economics, I.

H.1. Agriculture, S. Agricultural Botany, F. Botany

S. Agricultural Botany, F. Botany

I. Botany, I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

S. Agriculture

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics
S. Agriculture, S. Agricultural Botany, S. Botany, I. Chemistry
I. Botany, I. Chemistry, I. Geology
I. Botany, I. Chemistry, I. Zeology

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agriculture

I. Botany, I. Zoology, I. GeologyS. Agriculture, S. Agricultural Botany,S. Agricultural Chemistry, S. Econ-

I. Botany, I. Chemistry, I. Zoology

H. Botany, I

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

S. Agricultural Botany

H.1. Agriculture, S. Agricultural **Economics** 

S. Agriculture, S. Agricultural Chemistry, S. Botany

H. Agriculture, II (1), S. Agricultural Economics

H.1. Chemistry with Agricultural Chemistry

Chemistry with Agricultural Chemistry, II (2)

S. Agriculture, S. Agricultural Chemistry, S. Botany

I. Botany, I. Chemistry, I. Physics I. Botany, I. Chemistry, I. Geology

I. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agriculture, I. Chemistry H. Agricultural Botany, II (1)

S. Agriculture, S. Agricultural Botany, S. Botany

S. Agriculture, S. Agricultural Chemistry, S. Botany, S. Agricultural Economics I. Botany, I. Chemistry

S. Agriculture, I. Chemistry S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Economics

Hughes, Harold Victor

Hughes, Roy

James, Marion Elizabeth James, Phyllis Mary James, John Dyer (External) Jenkins, William Lloyd

Jenkins, John Ellis Erasmus

John, Catherine Helen

Jones, David Hemingway

Jones, John Dewi

Jones, John Penry Jones, Keith

Jones, Richard Evan

Jones, Thomas Griffiths

Jones, Thomas Samuel

Jones, Trevor

Jones, William Dillwyn

Jones, William Dyfri, B.Sc.

Kowal, Jan Marion Leopold Lewis, Dyfed

Lewis, Elizabeth

Lewis, Gerwyn James Lewis, Joseph

Loughman, Brian Crayford

Matthew, Jean Elizabeth

Mojzesowicz, Zbigniew

Morgan, John Toriel

Morris, Philip John Oldaker, Kathleen Margaret Osborne, Alan

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

F. Agriculture, S. Agricultural Chemistry, F. Botany

I. Botany, I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Botany

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Botany, F. Botany

S. Agriculture, S. Agricultural Botany, S. Zoology S. Agriculture, S. Agricultural Chemistry,

S. Chemistry

I. Botany, I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Botany, I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry H.1. Agriculture, S. Agricultural Chemis-

try, H.1. Economics with Agricultural Economics

F. Agriculture, S. Agricultural Botany, F. Chemistry with Agricultural Chem-

H.1. Agriculture, S. Agricultural Chemistry. F. Botany with Agricultural Botany

F. Chemistry with Agricultural Chemistry, I. Botany

H. Economics with Agricultural Economics, II (1)

F. Chemistry with Agricultural Chemistry H.1. Agriculture, S. Agricultural Botany, H.1. Chemistry with Agricultural

Chemistry S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry I. Botany, I. Chemistry

F. Agriculture, S. Agricultural Botany, F. Botany

H.1. Agriculture, H.1. Chemistry with Agricultural Chemistry

S. Agriculture, S. Agricultural Botany, S. Botany, I. Chemistry S. Agriculture, S. Agricultural Chemistry,

S. Chemistry

H.1. Agriculture, S. Agricultural Botany, Chemistry with Agricultural H.1. Chemistry

I. Botany

I. Botany, I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

Owen, George Gordon

Parr, William Henry

Phillips, Winifred Maisie

Price, Owen Thomas Williams

Rees, William Ronald (External) Rock, Edward Peter

Rook, John Allan Fynes

Seaton, Richard Dennis Slaymaker, John Owen Smitham, Robert John

Stephens, Marie Noel

Swalwell, Joseph Gordon

Thomas, David Glyndwr Millewis

Thomas, David Gwynfor, B.Sc. Thomas, Paul Rhys Thomas, Robert Llywelyn

Townrow, Barbara Welburn Thomas, William David Bryn Waterson, Herbert Anthony Weston, Raymond Peter Williams, Gordon Williams, Gwynn Lloyd

Williams, Hywel

Williams, Islwyn (External) Williams, James Brynley

H.1. Agriculture, H.1. Chemistry with Agricultural Chemistry, S. Agricultural Economics

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

F. Agriculture, S. Agricultural Chemistry, H.1. Zoology (including Agricultural Zoology)

H.1. Agriculture, H.1. Economics with Agricultural Economics

F. Agriculture

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry S. Agriculture, S. Agricultural Chemistry,

I. Botany, S. Chemistry
I. Botany, I. Chemistry, I. Geology

I. Botany, I. Chemistry

H.1. Chemistry with Agricultural Chemistry

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany F. Agriculture, S. Agricultural Botany,

F. Botany

H. Agricultural Botany, II (1) I. Botany, I. Chemistry, I. Zoology

F. Agriculture, F. Chemistry with Agricultural Chemistry, I. Botany

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry I. Botany, I. Chemistry

I. Botany, I. Chemistry H. Agricultural Botany, II (1)

S. Agricultural Chemistry, F. Botany with Agricultural Botany, H.1. Agriculture

F. Agriculture, S. Agricultural Botany, Chemistry with Agricultural Chemistry

I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry

Davies, Thomas Robert

Evans, John Owen

Harris, Russell John

Hughes, Hywel Ellis

Hughes, Ivor

Hughes, John Gwyn

Faculty of Law Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

> Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I. Contract and Tort

> Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

> Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

> Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

> Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

James, Barbara Challice

Jones, Tegid Owen

Morris, Griffith John (External) Old Regs.

Platt, John Frederick Ashworth

Rees, Breuan Morgan

Rees, Dorothy Vereen

Williams, Geoffrey Brunel Maurice

Williams, Ieuan

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. II Common Law, Pt. II Conveyancing and Equity, Pt. II Jurisprudence

Pt. I Criminal Law, Pt. I International Law

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

H. Law, II (1)

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. II Common Law, Pt. II Equity, Pt. II Land Law

# Faculty of Music

Moore, Gwenda Mary Margaret

Thomas, Gerwyn Lynn

I. History of Music, I. Theory of Music, I. English

H.1. Theory of Music, H.1. Composition, H.1. Exercise

# Pass List of Candidates presented for College Examinations only

I. Intermediate and Subsidiary Examinations

Howells, Richard William Lawson

Jones, Trevor Owen Roberts, William Ronald Morris S. Economics I. Chemistry

I. Chemistry, I. Zoology

II. Dairy Students

(a) The following students have been awarded the College Certificate in Dairying:—

Davies, Alice Margaret
Davies, Annie Mary
Davies, Elizabeth Muriel
Davies, Laura Jean
Edwards, Elizabeth Gwen-

fron Evans, Rachel Gare, Helen Hadley, Eileen Mary Hunt, Cynthia Mary James, Sarah Alice Jones, Mary Anne Overend, Joan

(b) The following students have been awarded the College Diploma in Dairying:—

ing:—
David, Elonwy Ann
Davies, Eluned Powys
Edwards, John Evan
Wallace
Ellison, Dorothy

Jenkins, Bethan Jones, Elizabeth Gwenda Lovell, Margaret Anne Ina Nuttall, Frank Raymond Parry, Margaret Jones Roberts, Gwendolen Jane Saunders, Marjorie Gladys Thompson, Glythyn Marjorie Sarah Tilley, Jean Margaret Tonge, Helen Daphne Wigley, Dorothy Lewis Williams, Dilys Rhys

College Certificate in Biblical Studies III.

The following students have qualified for the College Certificate in Biblical Studies :-

Christopher, Margaret Joan Hart, Joan Mary, B.A. Davies, Mary Rhiannon,

Jones, Beryl, B.A. Lewis, Audrey

B.A.

Evans, Elizabeth Sarah, B.A.

## V. HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff :-

Degree of M.A.

Anne Whittington Hughes, B.A.

Department

Education

Degree of M.Sc.

Alfred Henry Higgs, B.Sc. Margaret Bowen John, B.Sc. David Stephen Jones, B.Sc.

Emrys Jones, B.Sc. Trevor Morgan Thomas, B.Sc.

Physics

Geography and Anthropology Agricultural Chemistry Geography and Anthropology

Geography and Anthropology

Degree of D,Sc,

William Davies, M.Sc.

Welsh Plant Breeding Station

## VI. EXAMINATIONS FOR TEACHERS' DIPLOMA AND ·CERTIFICATE, 1945.

#### University Diploma in Education

	Class obtained in	
	Written	Practical
	Examinations	Skill
Adams, Julia Margaret Hannah, B.Sc.	II	II
Avery, Olwen Eilonwy, B.A.	II	II
Christopher, Margaret Joan	II	II
Davies, Jean Ethelwyn	II	II
Davies, Mary Rhiannon, B.A.	II	II
Davies, Nesta Morfydd, B.A.	II	II
Evans, Drusilla Clee, B.A.	II	I
Evans, Elizabeth, B.A.	II	II
Evans, Elizabeth Sarah, B.A.	II	II
Evans, Morfydd Rita, B.A.	II	I
Evans, Ronwen, B.A.	II	II
George, Denise Mary Jane, B.A.	I	II
Griffiths, Enid, B.A.	II	II
Harlow, Margaret, B.Sc.	II	II
Harrett, Margaret Olga, B.A.	II	II
Hart, Joan Mary, B.A.	II	II
Holmes, Lizzie Muriel, B.Sc.	I	II
Johnson, Joan Margaret, B.A.	II	II
Jones, Barbara Eleanor, B.A.	I	II
Jones, Beryl, B.A.	II	II
Jones, Glenice Lilian, B.Sc.	II	II
Jones, Jean Megan	II	II
Jones, Winifred, B.Sc.	II	$\Pi$
Lewis, Audrey	11	II

Lewis, Mona Doreen, B.A.	II .	II
Morgan, Dilys Llywela, B.Sc.	II	II
Morgan, Linda Martha Nancy Lewis, B.A.	II	II
Morris, Megan Irene, B.A.	II	II
Parker, Joan, B.A.	I	II
Parkinson, Clarice Eastelle, B.A.	II	II
Phillips, Evan Arthur Byron, B.A.	II	II
Prydderch, Gwilym, B.A.	I	I (with
		distinction
Pugh, Eirwen Evans	II ·	II
Pugh, Hilda Margaret, B.A.	II	II
Redding, Bernard John Burgess, B.A.	II	I
Reeves, Kitty Nicholas, B.A.	II	II
Reidy, Margaret, B.A.	II	II
Richards, Noeline, B.A.	I	II
Roberts, Phyllis, B.Sc.	II	II
Roughton, Grace Anelia, B.A.	II	II
Thomas, Gwladys Rhonwen, B.A.	Ι .	II
Thomas, Hilda Elizabeth, B.A.	II	II
Thomas, Margaret Harriett Anne, B.A.	II	II
Treharne, Gwynneth, B.Sc.	II	II
Williams, Eirlys Watcyn, B.A.	II	II
Williams, Elizabeth Megan, B.A.	II	II
Williams, Elizabeth Olwen, B.Sc.	II	II

MINISTRY OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:—

Davies, Hannah Enid Margaret

Hughes, Mary

Iones, Dilys May (External)

Phillips, Margaret Simon, Gwenfair.

#### VII. DEPARTMENTAL REPORTS

#### CLASSICS

### Professor E. D. T. Jenkins

The actual number of those taking courses in Latin approximated much to that of the preceding year, but this time there were no Honours students. The Subsidiary class was very satisfactory and did well, although it contained no outstanding students, and two of the five Final candidates were considered to have attained to the standard of First Year Honours.

Students of Greek (10) were confined to the two lowest grades, Elementary and Intermediate, and the best of these reached only a moderate standard.

My thanks are due to Mr. A. M. Duff who took charge of the Department during my absence through illness in the first term of the Session.

#### ECONOMICS AND POLITICAL SCIENCE

#### Professor R. B. Forrester

The general level of attainment in all classes was good. While the Subsidiary class showed a fair percentage of failures there was good quality towards the top. The Final class reached a very good level of competence and some of these students would, I feel sure, do well if they proceeded to further

studies in this subject. In the Honours class, Miss Gwenllian Evans attained a very high and distinctive standard of achievement and was placed in the first class. In the joint Honours group of Economics with Agricultural Economics, Mr. Andrew Ashby attained a very high level of general competence, and was placed in the first class, while Mr. Dyfri Jones (II. I.) did some very good work in his Honours papers.

## EDUCATION

# Professor Idwal Jones

The standard of work at the Subsidiary stage was good, but the Final Class was only fair. One student did well in the Preliminary M.A. examination and a past student, Miss Anne Whittington Hughes, was awarded the M.A. degree for an interesting work on "A study of the Abbé de Fénelon's treatise, 'De l'éducation des filles, 'considered in relation to the educational ideas of his contemporaries."

There was no failure in the professional course, but the differences between the best and weakest students were most marked. Seven were placed in the First Division in Theory and four in the First Division in Practice in

the University Examinations.

The full scheme for the College Certificate in Biblical Studies was achieved, and it is encouraging to report that six students were successful. Another successful development of the Department has been the Advanced Course in physical education for women.

The Head of the Department and members of staff did a great deal of extra-mural work of all types in the College area. The circumstances were exceptional, and the results justified these distant and arduous activities.

As usual, the Department expresses its thanks to Heads of schools and Directors for their interest and genuine co-operation in the work of training teachers. Two interesting lectures were also given by Squadron-Leader Couson of the R.C.A.F., and Mr. E. Naisbit, Education Secretary of the National Union of Teachers.

#### Publications

Professor Idwal Jones

Sigmund Freud. Efrydiau Athronyddol, 1944.

Lle Crefydd mewn Addysg. Y Traethodydd, Ionawr, 1945.

Notes on the Ordination Controversy, 1809–1810. Journal of the Historical Society of the Presbyterian Church of Wales, December, 1944.

MR. ARTHUR PINSENT

Principles of Teaching Method. (Reprint 1945). Harrap and Co. Psychological and Sociological Principles in the Reorganisation of Secondary Education. Brit. Journal of Educational Psychology. Vol. xiv. Pt. ii.

Psychology of Teaching and Teacher Training. Brit. Journal of Educ. Psychology. Vol. xv. Pt. i.

This Curriculum Business: Sociological approach. New Era. Vol. 24.

Curriculum and Examinations in Secondary Schools. New Era. Vol. 25.

Social Factors in Educational Theory and Practice. New Era. Vol. 26. No. 5.

The School Leaving Age and the Curriculum. Journal of Education. July, 1943.

### Art and Crafts

ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

Mr. Gapper reports:-

"The total number of Students pursuing courses in Art and Crafts was 151, and except for two of the three Intermediate Art and one part-time student, all belonged to the Teachers Training Department.

This is the first Session since I joined the Department when there were no

students taking the College Diploma Courses.

The second year teachers training students produced very promising work and made satisfactory progress. The contrast with the work of the senior students was marked as this was pedestrian during the Session, a certain freedom, however, showing itself after examinations were over.

Appreciation has been expressed by students of a number of talks given with lantern illustrations on the design of everyday things and on the main divisions of Art. These were chosen to stress the need for cultivation

of taste.

The outstanding events of the Session were the visits to the National Library (through the sympathetic and courteous understanding of Sir William Ll. Davies) to see the unique collection of paintings which the Library has had in store during the war. Mr. Henry Bird was visiting Aberystwyth at the time and gave an introduction to the paintings for which we are grateful to him. I regret that Mr. Bird has decided not to return to the College, and that Miss Bridgeman has also relinquished her appointment on joining the Sadlers Wells Company. Both will be greatly missed from the Department.

## The Craft Gallery

CURATOR: MR. R.-L. GAPPER

Now that committees and R.A.F. classes are held elseswhere, and the exhibit cases are in their places, the Museum is gradually being restored to its proper purposes. It can be a centre of real interest to students, members of staff and visitors interested in Arts and Crafts.

The exhibits on the whole have kept well and it is a matter of rejoicing that they have emerged from the basement before signs of deterioration on

the containers had penetrated inside.

#### ENGLISH

# Professor Gwyn Jones

The work of the Department has this year been carried on in circumstances exceptionally difficult even for war time. Mr. Palmer has been away on Civil Defence duties, and Miss Kelly was absent for long periods with ill-health. It is with deep regret that I record Miss Kelly's death in early June of this year. She was a woman of rare distinction, and we had grown increasingly aware of our good fortune in having her services. She was learned, cultured, critical but tolerant; a gifted talker and teacher with small groups, and a talented speaker on more formal occasions. She had the respect and affection of all who knew her, and our loss in her is very great indeed.

This has meant that for most of the Session the Professor and his senior lecturer have carried all the work of this Department of some 130 students. It is satisfactory to know that one new teacher, Mr. W. A. Armstrong (M.A. Sheffield, Ph.D. Yale), will come to the Department in October next.

The Intermediate class was of much the usual standard. It was noticeable that the swollen Subsidiary class of 79 entered with the necessary quali-

fication rather than any exciting attainment; with very few exceptions it remained drab but affable, and in the examinations confirmed that we had a poorish intake. The Final class, on the other hand was excellent, and contained five students of high quality and a dozen more who did most creditable work. We hope to get a good Honours class from among them next year. The present Honours class was a sound one.

#### Publications

PROFESSOR GWYN JONES

"Son of the late Earl Rivers": offprint from The Welsh Review, Vol. IV. No. 2. pp. 114-125

Editor: The Welsh Review.

Reviews: Medium Ævum, Life and Letters To-Day.

#### FRENCH

## Professor E. R. Briggs

It is pleasing to record a considerable improvement in the Intermediate grade, both in the year's work and in the proportion of examination successes. The Subsidiary class was alert and interested, offering in the majority of cases real promise for future years. The Final group was of rather uneven composition, as shown in the high proportion of examination failures, but the candidates for Honours next year showed very great promise. The Honours students were remarkably consistent throughout the Session and were all very creditably placed in the first division of the Second Class. The French Society had an active and successful year under the guidance of its student officers.

My first Session as head of the department has been considerably eased, not only by the unsparing collaboration of Dr. E. M. Phillips but also by the part-time assistance of Emeritus Professor A. Barbier and Dr. A. B. Thomas, who both very kindly agreed to return from retirement. By the courtesy of Professor Idwal Jones, the department continued to benefit from the valued help of Dr. Hywela Saer, and the Session may be said in general to have been satisfactory despite the special handicaps of war conditions. The long suspension of direct contacts with France is however producing the inevitable cumulative effect upon the schools, and special attention will need to be paid in the coming years to the improvement of standards in oral and written French, in order that students may enter college with an adequate instrument for the pursuit of higher studies.

## GEOGRAPHY AND ANTHROPOLOGY

ACTING HEAD OF DEPARTMENT: MR. WALLACE E. WHITEHOUSE

The return of London University College to London in the summer of 1944 severed the very close connection which had existed for five Sessions and deprived this Department of the lecture courses given to joint classes by Professor Fawcett, Mr. Smailes and Miss Youldon. The continued absence of Professor Forde and Mr. Fogg imposed heavy teaching duties on the remaining staff and I should like to express my appreciative thanks to my colleagues, Mr. E. G. Bowen and Mrs. Whyte. Without their whole-hearted co-operation a difficult situation would have become an impossible one. All of us would also like to thank two-ex-students of this Department: Mr. Alwyn Williams and Mr. Emrys Jones, who contributed lectures and practical demonstrations and helped in other ways. Miss Doreen Roberts also conducted a number of practical classes which were much valued. As an experiment, on account of

staff reduction, one complete course of Honours lectures was sub-divided into sections and each Honours student took at least two topics. The whole course was thus covered without any continuous lecturing by any member of the staff. The experiment proved so successful, on its own merits, as to justify

repetition.

Increased numbers were enrolled for each of the several grades. The Subsidiary class was a large one but several of the new students were obviously not sufficiently mentally mature to profit by the Subsidiary Geography College course notwithstanding their Higher School Certificate successes; Mr. I. Williams and Mr. R. H. Williams proved very satisfactory exceptions. The Final class was of better quality. Twenty-one sat for the Sessional Examination and all of them were successful; the work of Mr. McClelland and Miss Smart was good throughout. The Honours class of eight members was the largest for several sessions. Miss Doreen Roberts and Miss M. C. M. Lloyd were placed in Class I and Miss M. A. Morgan in Class II, Division 1; the other five students were all successful.

A very pleasing feature of the Session's work was the award of the M.Sc. degree to each of three ex-students. Miss M. B. John produced a most satisfactory analysis of Speed's Atlas. Flight-Lieutenant Trevor Thomas had used his R.A.F. opportunities to shed new light on the weather associated with travelling depressions while Mr. Emrys Jones completed a scholarly thesis on an anthropogeographical topic. The Session was thus memorable for each of the three marginal activities of the Department being represented by

successful higher degree theses.

The staff members have continued their general direction of other pieces of research work, several of which are nearing completion. In addition, I have been able to contribute a variety of technical articles to fire engineering publications and my honorary Regional Staff work for the National Fire Service gained me promotion to the rank of Assistant Fire Force Commander in July 1944.

# GERMAN

#### Professor David Evans

The work of the department has been quite successful in spite of difficulties in the supply and choice of books. There were no final Honours candidates as about three had to complete with Final degrees because of their age on admission to College. There will be Honours again in 1946.

I am very grateful to Dr. A. Bluemel for her willing help in many ways

during the Session.

# HISTORY

#### Professor R. F. Treharne

Intermediate. The response of the students to the new tutorial methods has been much better than in previous years, and while the number of failures is still disproportionately large, those who passed were almost all quite clear passes, with reasonable prospects of success should they take the subject further. Subsidiary. Although the number of failures is relatively small, the average attainment of the class is distressingly low. We hope that, by using the new assistant-lectureship in such a way as to make possible an effective and complete tutorial system next Session, we shall be able to make substantial improvement in the quality of the interest shown and the work done. Final. The working of the tutorial system here is well illustrated by the fact that a rather unpromising class, as it seemed at the beginning of the Session, improved steadily throughout the year and acquitted itself very creditably in the sessional examinations. First Year Honours. A small but keen and hard-working group with no weak elements; promises very well

for next year. Second Year Honours. The group has worked keenly and steadily throughout the year, and has, on the whole, done reasonably well, Miss Ruth Jones, who gained a first class, being specially worth mention.

The Historical Society has had a most active year, including two very interesting visits to the National Library, where the Librarian, with Mr. J. Conway Davies and Mr. Evan Jones, arranged some very striking exhibitis, which the students were most fortunate to see. Further, the Society, by various efforts, including the performance of an old Christmas mumming play, has raised a sum of about £50 to form the nucleus of a fund which will provide a prize, to be called the Alun Lewis Memorial Prize, and to be awarded annually to the student in the First Year of the Honours course in History who has the best record on essay work done during the Session—an appropriate departmental commemoration of a predecessor who believed in good writing.

My colleagues, Mr. Herbert and Mr. Johnston, continue to devote much time and energy to the organisation of Adult Education in, H.M. Forces in the College Area: Dr. Jones-Parry remains in his responsible post in the Ministry of Food, but the department has been fortunate in the continuance of Mrs. Treharne's lectures and tutorial work with the Intermediate class throughout the Session. Mr. Johnston has conducted the Aberystwyth tutorial class in "Current International Affairs" during the winter, and has signalised, by publishing a very well-planned and finely-written volume on "The British Soldier" (in Messrs. Collins' "Britain in Pictures' series) his intention of turning to specialisation in Modern British History. We welcome as our new assistant-lecturer Dr. I. J. Sanders, who obtained a first class Honours degree in this History School in 1932, the M.A. (with distinction) in 1935, and an Oxford doctorate in 1937. A former graduate Mr. Glanmor Williams, has been appointed (temporary) assistant-lecturer in the Department of History in the University College of Swansea, and another, Mr. Gittins, to the Directorship of Education in Monmouthshire.

# INTERNATIONAL POLITICS

#### Professor E. H. Carr

No students were registered for courses in the Department during the Session. The Professor delivered public lectures in each of the three terms. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments: Miss Morris has continued to act as Librarian.

#### PHILOSOPHY

#### Professor R. I. Aaron

The dangerous drift towards the technical which was recently made the subject of comment by both the President and the Principal of the College naturally has its effect upon the Philosophy Department. Matters are so arranged on the Science side that comparatively few students, even if they wished it, could read Philosophy as part of their course for B.Sc., although most teachers of Science in the College would agree that a course in logic and one in philosophy proper would help Science students. On the Arts side roughly 85%, we are told, are in the Training Department or trying to enter it. But Philosophy is not a 'teaching subject'; ergo the intending teacher feels that the philosophic discipline is not for him. It is certainly much to be hoped that no further regulations will be introduced to make it still more difficult for the student to read this subject.

To judge by their work in Philosophy, as well as by their results in other subjects, we seem to have been fortunate in the quality of the students in the Department this year. The Sir Henry Jones Memorial Prize for work of particular distinction was given to Miss Charlotte S. Ware.

## WELSH

## PROFESSOR T. H. PARRY-WILLIAMS

The work of the Department was conducted on the usual lines. performance of the Intermediate Class was moderately successful, while that of the Subsidiary Class was somewhat disappointing on the whole, although there were two or three students in their first year who showed considerable promise. The Final Class this Session was an exceptionally good one, and several members who took the First Year of the Honours Course (and there was an unusually large number) gave a very good account of themselves. This augurs well for the Second Year Honours Class of next Session.

The Honours Class (Second Year) worked in a praiseworthy manner, and although there was no "First" in the Sessional examinations, all members of the Class reached a high standard in some sections of the course. The five

were placed in the First Division of the Second Class.

Speaking generally, therefore, it may be said that the work done in the Department during the Session was satisfactory.

#### Publications

PROFESSOR T. H. PARRY-WILLIAMS

Libretto Faust (Gounod). Cyf. a Chyfaddasiad o'r Ffrangeg. Cyngor yr Eisteddfod Genedlaethol, 1945.

Mr. D. GWENALLT JONES

"Y Dr. Lewis Edwards fel Beirniad Llenyddol a Bardd." Y Traethodydd, Ionawr, 1945. Detholiad o Ryddiaith R. J. Derfel. Y Clwb Llyfrau Cymreig, 1945.

Mr. Thomas Jones

Gwilym a Benni Bach (W. Llewelyn Williams). Gol. arg. newydd. Gwasg Aberystwyth, 1945.

"Nodiadau ar ar gythlwng, etc.," Bull. of Board of Celtic Studies.
Vol. XI. Pt. 3.

"Pre-Reformation Welsh versions of the Scriptures." Cylch. Llyfrgell Genedlaethol Cymru, IV., Haf, 1945.

"Credo'r Apostolion yn Gymraeg," Ibid.

- "Calais Campaigner, 1539." Welsh Review, IV., No. 3., Sept., 1945. Adolygiadau:
  - L. J. D. RICHARDSON, The Word Ogham. Welsh Review, IV. No. 1. March, 1945.

IFOR WILLIAMS, Lectures on Welsh Poetry, Ibid.

MR. GARFIELD HUGHES

"Dyddiadur Edmund Evans." Bathafarn (Cylchgrawn Hanes yr Eglwys Fethodistaidd). 1945.

#### WELSH HISTORY

# REPORT BY PROFESSOR R. F. TREHARNE

The work of the Intermediate class in Welsh History showed more intelligence and keenness than in any preceding year in recent times. class was somewhat disappointing in its refusal to take anything but spoonfeeding, and their examination papers were correspondingly feeble.

This is, happily, the last time that I shall have to present the report on

work in Welsh History: next Session we shall welcome Professor David Williams to the Sir John Williams Chair, and Mr. T. Jones Pierce to the new Special Lectureship in Medieval Welsh History. With these two scholars, who stand in the very forefront of the field of Welsh historians, and also with Dr. A. J. Roderick, the Research-Lecturer in Welsh History, Aberystwyth will possess an unrivalled team for the purpose of making this College the undisputed centre for the study and teaching of all periods in the History of Wales: the opportunity is magnificent. I would like, meanwhile, to express my very real gratitude to Mr. I. ab O. Edwards for the way in which, despite the prior calls of Adult Education, the Education Department, and his important public duties, he has for five arduous Sessions kept alive the teaching of Welsh History in this College with self-sacrificing zeal and enthusiasm, thus enabling Professor Williams to take over a living reality instead of a dead tradition.

## BOTANY

#### Professor Lily Newton

The number of students in the Department this Session is higher than at any time during my tenure of office. Accommodation has been increased by the enlargement of the former library, and the conversion of the new room into a laboratory with sixteen places. The library has been housed in two small adjacent rooms, for which latter I am indebted to the Department of Geology. Mrs. Hudleston has acted as temporary Demonstrator and to her and other members of staff I am especially indebted for heavy work under crowded conditions. The need for further laboratory space is urgent; the department has long ceased to have a lecture room as such, and post-war needs will inevitably force the consideration of a remedy for this lack of accommodation.

The standard of undergraduate work has been rather above the average, taking the Department as a whole. Former students have recently obtained appointments in the Forensic Science Laboratory, Cardiff, the Imperial

Mycological Institute, Kew, and at Southlands Training College.

Dr. Wilson has continued her research on seed-borne diseases of Flax; Mr. Carter has rendered valuable assistance in the research work for the Ministries of Supply and Health, for which the Department has been responsible during the last years. I am now able to state that in this connection I have organised a survey of Britain for the location of certain seaweeds which have since been harvested for the manufacture of Agar-agar, a product obtained formerly from Japan, and essential for bacteriological and mycological war-time needs. In addition, Miss E. A. Lewis has assisted me with the autecological survey of the plants concerned.

#### Publications

Professor Lily Newton

"Pollution of the rivers of West Wales by lead and zinc mine effluents."

Annals App. Biol. 31. 1944.

"Agar-Agar and its supply." Endeavour, IV. 14.

Mr. Harold M. David

"Studies in the Autecology of Ascophyllum nodosum Le Jol." Journ. of Ecol. 31. 2. 1943.

Mr. E. G. Davies

"Figyn Blaen Brefi: A Welsh Upland Bog." Journ. of Ecol. 32. 2. 1945.

Mr. I. M. Wilson

"Wilt Disease of Flax in Great Britain." Nature, 154. p. 709. 1944.

#### CHEMISTRY

#### Professor C. W. Davies

The department entered on its work this Session with almost a new staff. Mr. Bury and Colonel Hudleston were both away from Aberystwyth with wartime appointments, Colonel Hudleston in Italy and Mr. Bury with Imperial Chemical Industries. Dr. Heller was thus the only link with the immediate past, except for the emeritus professor, Vice-Principal T. C. James, who fortunately has always been accessible for consultation and who has freely helped with the work of the Honours Class. The number of teaching staff was brought to four by the appointment of Mr. J. B. Bowen and Mr. C. Monk, who have taken a full share in the heavy teaching duties.

The work of the department has been good throughout the year, and the examination results are satisfactory. All four candidates for Honours

in pure chemistry have been placed in the First Class.

The return of University College to London after years of communal working in the laboratories has naturally left gaps in the essential equipment of the department, and the low priority at present possessed by University laboratories has made the task of obtaining replacements an almost impossible one. The appointment of a Technical Assistant has done much to ease the situation, and in the future will save the department many delays in the

repair of existing, and the design of new, apparatus.

Another wartime difficulty to which reference must be made concerns the general upkeep of the Edward Davies Laboratories. A chemical laboratory deteriorates very rapidly when the normal maintenance provisions have to be suspended for more than a limited time, and the number of service pipes now needing replacement makes it clear that the duty of repainting and refitting the building as soon as conditions permit is already an extremely urgent one.

# GEOLOGY

#### Professor H. P. Lewis

The number of students in the Department was 52, or 18 more than in the previous Session. The six candidates who sat the Final Examination of the University were successful and the standard of the work done by the students of Subsidiary and Intermediate grades was, on the whole, good. Mr. Alwyn Williams, the President of the Students' Representative Council, who obtained First Class Honours in Geology in 1943 and in Geography in 1944, was awarded the Rudler Exhibition. He was also the recipient of a grant of £100 from the University to enable him to carry out postgraduate research work under my direction on the geology of the Llangadock area. Students of Final and Subsidiary grade attended a field-class of a few days' duration in South Pembrokeshire in March.

In the summer vacation of 1944, to meet the demands of the Department of Botany for extra laboratory accommodation, two rooms were given up by this Department, and, in their place, two were acquired to serve, respectively, as a library and a research laboratory. For the last two years the Department has had no laboratory assistance and the services of a technical assistant

are an urgent requirement.

I acknowledge gratefully gifts of books from Mrs. L. J. Hudleston and Mr. J. B. Willans.

# Publications

Professor H. P. Lewis (with Professor A. H. Cox)

"The Dolge'ley District." Report by the Directors of the Summer
Field Meeting. Proceedings of the Geologists' Association. Vol.
LVI, pp. 59-81. 1945.

Mr. J. CHALLINOR

A Note on Tilted Folds and Direction of Pitch." Proc. Geol. Assoc. Vol. LV, pp. 94-98. 1944.

"The Primary and Secondary Elements of a Fold." Proc. Geol. Assoc.

Vol. LVI, pp. 82-88, 1945.

"A Graptolite Lineage from North Cardiganshire." Geological Magazine. Vol. LXXXII, pp. 97-106. 1945.

# APPLIED MATHEMATICS

# Mr. Thomas Lewis

The work of the department was carried on under mor or less the same handicaps as in the past few years. Additional courses were provided at the Final stage for second year Radio Bursars. Owing to slight relaxation of the Radio requirements, first year Bursars were able to take the full Subsidiary course in Applied Mathematics, and so somewhat eased the teaching burden.

Although no research has been done internally, I have been in touch with several former graduates who are working independently on mathematical problems in Aerodynamics and Meteorology. It is worthy of mention that Mr. Beaumont Thomas, B.Sc., who graduated with Honours, Class 1, in Mathematics at the beginning of the war, was invited to lecture to the Royal Aeronautical Society in the course of the year and has been elected to an Associate Fellowship of the Society.

#### PURE MATHEMATICS

#### Professor V. C. Morton

The work done in the Department during the Session has been, on the whole, fairly satisfactory, although the Final Class was rather weaker than usual. Most of our senior Honours students are away on war service; the one remaining candidate for Honours in Mathematics obtained a Second Class, First Division, Once again a group of Radio Bursars took a Final course in combined Pure and Applied Mathematics. This course, modified and extended, may become very useful to Science students in future years.

#### PHYSICS

## Acting Head of Department: Mr. I. C. Jones

The most considerable change in the structure of the department during this Session was due to the departure of members of University College, London, who had formed a large proportion of the student population of the department since 1939 Though this had the effect of releasing a great amount of laboratory space and some apparatus, the number of lectures remained unchanged; and as Dr. Chalklin, of University College, London, had been giving considerable assistance in lecturing, his departure involved additional work for the Aberystwyth staff.

The work of the department has continued on the same lines as in the last few years. It is now common knowledge that the department is, in effect, two separate departments, one concerned with pure Physics, and the other with radio training for Ministry of Labour purposes. At the beginning of the Session, there was some relaxation of the demand for radio training (hitherto compulsory for all students in the Physics-Mathematics group), combined with an increased demand for training in pure Physics. It has been the policy of the department throughout the war period to keep the standard of work in pure Physics as high as possible; but the compulsory radio courses

made the usual First Year Honours course, which is normally taken with the Final course by prospective Honours candidates, impracticable. This Session this First Year Honours course was re-instituted for those men who did not take the advanced course in Radio. Special mention should be made of the work done at the Final stage by D. H. Edwards and D. E. Thomas (Physics only), and T. C. Griffith (Physics and Radio).

The demand for radio personnel still remains, and the relaxation referred to above was, in fact, somewhat premature. The general intensity of the demands of national service has, however, decreased, and it is probable that Honours courses will be conducted next Session, after an interval of two years. The transition from war-time conditions to the equally complex problems

of the post-war period may be said to have already begun.

Next Session will see the return of some, if not all, of the permanent members of the staff who have been absent since the early days of the war. Miss E. M. Williamson, who joined the staff in October, 1939, as a temporary lecturer, has accepted a post on the staff of Bedford College, London, and will take up her new duties in October. I wish to pay the highest tribute to the work done by Miss Williamson under the abnormal stress of the war years, and to her most loyal and enthusiastic co-operation in all the various activities of the department.

The weekly colloquium for members of staff, established informally in conjunction with the department of Applied Mathematics, has continued during the Session. With the resumption of Honours courses, this small discussion group will acquire a new function and a still greater importance.

I delivered one short course of extra-mural lectures in Welsh, and several single lectures, during the winter; and recently broadcast a short talk in the "Cwrs v Byd" series for Welsh schools. I have also been invited to act on a sub-committee of the Welsh Schools Department of the British Broadcasting Corporation, dealing with science broadcasting in Welsh.

# ZOOLOGY

## PROFESSOR T. A. STEPHENSON

The number of students in the department was 82. The work of the Honours students during the Session was satisfactory, and the same applies to individuals in other grades. The work of the majority was poor, and we are under the impression that many of our students are not of a standard of intelligence which enables them to benefit from a University training.

During the Session we have recovered part, but not all, of the space in the Department which had been surrendered for war purposes. It has, therefore, been possible to proceed a stage further with our plans for utilising this space to better advantage. Tenders for the partition-work, furniture, etc., connected with this development have been accepted and it is hoped that the reclaimed rooms will be ready during the coming session.

The staff of the Department has been augmented by the appointment of Mr. C. F. Barker, formerly of the Imperial College and Bedford College, London, as technical assistant. This is a long overdue appointment which

should be of great assistance to us.

I should like to thank the Honours students, Miss M. E. Griffiths, Miss Margaret Jones and Miss K. E. Thomas, for help in demonstrating.

## Publications

Professor T. A. Stephenson

"The constitution of the intertidal fauna and flora of South Africa. Part II." Annals of the Natal Museum, Vol. 10, pp. 261-358. 1944. DR. GWENDOLEN REES

A record of parasitic worms from fishes in rock-pools at Aberystwyth." Parasitology, Vol. 36, pp. 165-7. 1945.

Dr. J. R. E. Jones
"The Elaterid population of Mid and West Wales." Proc. Zool. Soc. Part 3, Vol. 114, pp. 350-59. 1944.

# Professor D. J. Llewelfryn Davies

The work for the Session does not call for any special comment. Although the number of students was small, the results were satisfactory and the external examiner was highly pleased with the performances of candidates in the University examinations.

In addition to those who had registered for the LL.B. Degree, a number of other students took Law courses as part of their schemes of study for the

B.A. Degree.

It is probable that a considerable proportion of students returning from the Forces will be preparing for administrative or business careers and such students might well be advised to include suitable legal courses as part of their university studies. Moreover, it would seem desirable that students of the Social Sciences should include the study of Government in their schemes of study and it is therefore unfortunate that it is not always realized that this is the subject-matter of the course on Constitutional Law.

The Tutorial System, which was instituted some years ago, has been an undoubted success. It encourages regular work throughout the Session and it provides students with ample opportunities to discuss legal problems both orally and in writing. This scheme should be of particular assistance to those who will soon be resuming or starting their legal studies after a long

absence on National Service.

Towards the end of the Session it was a great pleasure to be able to welcome back a number of our Law students on their release from captivity. One of them succeeded in completing the LL.B. Degree while a prisoner of war. On the other hand, it is with deep regret that I recall the loss on active service of two students of the Department who had shown great promise.

The Law Department takes special pride in the distinction achieved during the Session by two of its former members, who served their apprenticeship on its staff, the election of Professor D. Hughes Parry as Vice-Chancellor of the University of London, and of Dr. G. C. Cheshire as Vinerian Professor of English Law at Oxford in succession to the late Sir William Holdsworth, We also congratulate a former student, Mr. T. C. Thomas, on his election as Fellow of Trinity Hall.

#### MUSIC

#### Professor David de Lloyd

Three students registered at the beginning of the Session; Intermediate. one in the Faculty of Arts and two in that of Music. One of the latter withdrew at the end of the first term; the other sat the Intermediate B. Mus. examination in June and passed her theory papers.

Subsidiary B.A. Of the six who presented themselves for the Sessional examinations, five submitted good papers and their work during the whole

Session was consistently satisfactory.

Final and Honours (B.A.). Fairly good work was done by the Final students in the course of the year and all satisfied the examiners in the recent examinations. The Honours B.A. candidate obtained a good II(1) Class.

In the Faculty of Music, Gerwyn Thomas passed the Final B.Mus.

Normal classes in music for 1st, 2nd and 4th Year students in the Training Department and courses in Solo subjects (Violin, Piano and Organ and Singing) enable students, in the one case, to renew their musical studies, after a break of at least four years, and, in the other case, to acquire practical knowledge of an instrument.

The usual musical activities were carried on uninterruptedly—concerts on every Monday evening during the first two terms and four in the third term, and the "At Homes" on Fridays.

The attendances were good except in the case of the "At Homes" specially intended for music students.

## AGRICULTURE

# Professor E. J. Roberts

Grade	No. registered	No. who took Sessional Examinations	No.
Degree Courses Subsidiary Final Honours	24	33 26 1	33 20 1
DAIRY COURSES  1st Year Diploma Course 2nd Year Diploma Course Short Course	16	30 17 —	19 16 —
Totals	124	107	89

The above does not include 27 new students in the Faculty of Rural Science who attended Intermediate courses in pure science subjects as the first stage in their degree, nor 5 who pursued Honours in Agricultural Botany and in Economics with Agricultural Economics.

A large proportion of the degree candidates are handicapped by possessing very little experience of farm routine before entering College; this brings to mind the old controversy as to whether a minimum of one year's farm experience should be demanded before admission to the courses. In the subdepartment of Dairying, the number of applicants far exceeds the number that can be admitted.

Most students, on completing their courses, join the staffs of County War Committees as technical officers. The demand for such officers from

English and Welsh counties, is at present greater than the supply.

The staff of the Department continued to assist the seven County War Committees of the Provincial Area by attending meetings of Technical Development Sub-Committees, giving technical advice to committees and individual farmers, participating in demonstrations, etc. Considerable help has also been given to the Young Farmers' Club movement.

At the College Farm, Nantcellan, we now have a college-trained dairy maid responsible for handling the milk, and helping to instruct students. The dairy has been re-equipped. The herd of Shorthorns is now being graded

up to the herd book.

## AGRICULTURAL BOTANY

Professor T. J. Jenkin Miss K. Sampson

The work of the Department was arranged on similar lines to those of preceding Sessions; Dr. Ellison has not yet been released by the Montgomeryshire War Agricultural Executive Committee to return to full-time duties at the College.

Mr. M. T. Thomas, B.Sc., the Senior Agronomist at the Welsh Plant Breeding Station, again gave courses of lectures on grassland and grassland ecology, while Mr. E. T. Jones, M.Sc., also of the Welsh Plant Breeding

Station, gave some lectures on oats.

As compared with 1933 the number of students taking the Subsidiary Course has increased more than three-fold. Most of these students were quite satisfactory, and were able to profit by the instruction given, but, for some reason, others were not in a position to do so. This may, in large part, be due to immaturity, but, whatever the cause, a rather high proportion of students who are unable to take advantage of the instruction provided adds considerably to the work of the Department without a commensurate return.

The two students who took the Final Course in Botany with Agricultural Botany made satisfactory progress, and although none of the three candidates for Honours reached First Class Standard, all three were successful in reaching

Class II, Division 1.

The following is a summary of the results obtained :-

Grade	No. registered	No. who took Sessional examinations	No. passed
Subsidiary	33	32	26
Final	2	2	2
2nd Year Honours	3	3	(All in Class 2a)
TOTALS	38	37	31

The present opportunity should not be allowed to pass without placing on record the excellent services rendered by Miss Sampson in and for the Department over a period covering twenty-six Sessions. This covers the whole length of the existence of the Department up to the present time. Even the initial organisation was, therefore; to a considerable extent in the hands of Miss Sampson, as throughout the period the Head of the Department has combined the two positions of Professor of Agricultural Botany and Director of the Welsh Plant Breeding Station.

The instruction provided almost entirely under her supervision has been maintained at a very high standard, and the reputation of the Department of

Agricultural Botany stands high throughout the country.

The Welsh Plant Breeding Station also wishes to acknowledge gratefully the assistance voluntarily given by Miss Sampson, particularly in relation to crop plant diseases over many years.

#### PUBLICATIONS

Dr. W. Ellison

"Agistment of Cattle on Improved Upland Grazings." Journal of the Ministry of Agriculture, Vol. LI, No. 3, June, 1944. "Montgomeryshire Calf Rearing Scheme." Journal of the Ministry of Agriculture, Vol. LI, No. 5, August, 1944.

"The Productivity of Improved Upland Grazings." Journal of the Ministry of Agriculture, Vol. LII, No. 2, May, 1945.
"Seed Production at High Elevations." Welsh Journal of Agriculture.

(In press.) 1945.

"Some Factors affecting Winter Milk Production." (Cyclostyled.). 1945.

#### AGRICULTURAL CHEMISTRY

Mr. R. O. Davies

Grade.	-	No. of Students registered	No. who took Sessional examinations	No. Passed
Honours Final Subsidiary 1st. Year Dairy Diploma 2nd. Year Dairy Diploma	 	1 12 31 30 16	1 12 30 30 16	1 11 27 18 13
Totals	 	90	89	70

The above number represents an increase of 26 students over the previous year. The large number of students in the Subsidiary and Diploma classes has considerably increased the laboratory tuition and additional assistance is now necessary for this work, particularly in view of the developments in the research activities of the Department. The Honours student (Mr. G. B. Galliver) made good progress and was placed in the second class. Seven of the Final students attained a sufficiently high standard to allow them to complete the Honours course in the coming session. Mr. D. S. Jones was awarded the degree of M.Sc. for works on: (a) The exchangeable base content of Carmarthenshire Soils; (b) Mole-drainage in Carmarthenshire; (c) Survey of the reclaimed land of the Dovey estuary.

An increasing call has been made for the assistance of our field chemists in the counties and a considerable acreage of farmland reclaimed or taken over by Executive Committees has been surveyed. The field work in connection with the survey of Fertilizer Practice has been completed in Merioneth and work on the same lines is now in progress in Cardiganshire and Pembrokeshire.

Rapid developments have occurred during the last few years in the production and use of ground limestone, and a number of experiments have been in progress in Merioneth since 1938, where the efficiency of ground limestone is studied by the Department. This season other experiments have been laid down in Cardiganshire, where the effects of ground limestone of varying fineness are compared against quicklime on cultivated grasses and clovers.

The Department is devoting considerable attention to the conservation of kale as silage, and results so far obtained indicate that this is one method whereby the small dairy farm can safeguard a substantial part of the winter ration. A study of the changes occurring in the ensilage of kale is being undertaken in co-operation with the Technical Officers in Cardiganshire, Carmarthenshire and Pembrokeshire.

The Ministry's approval has been obtained to the work on pasture productivity initiated this year. This is a long term programme to obtain much needed quantitative data regarding the nutrients forthcoming from our levs and permanent pastures. It is being developed in co-operation with other advisory officers and research workers, and an endeavour is made to correlate the animal productivity data obtained in the field with the chemical and botanical study of the swards.

#### Publications

Messrs. R. O. Davies and W. E. J. Milton

Direct reseeding on upland peat. Welsh Journal Agriculture. Vol. XIX.

EMERITUS PROFESSOR T. W. FAGAN and MESSRS. R. PHILLIPS and R. O. Davies.

Kale and Kale Silage. Welsh Journal Agriculture. Vol. XIX. 1945. EMERITUS PROFESSOR T. W. FAGAN and MESSRS. EDWIN JONES, E. E. WILLIAMS and R. O. DAVIES.

The Influence of Liming on the Herbage of Acidic Soils in Merioneth.

Part 2. Welsh Journal Agriculture. Vol. XIX. 1945.

Messrs. R. Phillips, R. O. Davies and W. M. Ashton.

The use of Salt in the preservation of Hay and Silage. Agriculture.

Vol. LII. No. 3. 1945.

#### AGRICULTURAL ECONOMICS

#### Professor A. W. Ashby

Grade	Number registered	No. who took Sessional Examinations	Number Passed
Subsidiary	6	6	6
Final	2	2	2
2nd Year Honours	2	2	2
Posr-graduate	1		
TOTALS	11	10	10

The teaching services required of the staff, all engaged primarily in research and advisory work, imposed a heavy burden during the year. Although numbers of students are small, the number of courses for three grades is high. A little additional teaching in the Dairy Department, and the course at the University College of North Wales, complete a heavy total burden. nature of the subject-matter of teaching and the scarcity of organised textbooks published in this country demand close application by lecturers to the preparation and revision of courses and required deliberate and extensive lecturing. It is hoped that specific assistance for teaching will be provided for the Department in the near future.

Of the two candidates for Honours, one attained Class I and the other Class II, Division I. Students selecting studies in Agricultural Economics have usually proved to be personally interested in the subject, but the groups for this Session have shown particular interests and have generally worked well. One post-graduate student, from Algeria, has been studying under my direction but will be examined in the University of Paris. A number of Colonial students have been directed to the Department for observation of its work and for study at different times during the year. At the end of the Session there was one each from Jamaica, Zanzibar and Tanganyika Territory with three from Fiji. The subjects of most direct interest to these students have been co-operation, land tenure and land settlement, but some have been

interested more broadly in rural social organisation.

The organisation of extra-mural agricultural education under the Technical Development Committees of War Agricultural Executive Committees is changing the character of the extra-mural work of the staff in teaching and demonstration. While occasional lectures are still required and given, there is much more of visual demonstration in the form of "farm walks," farm demonstrations and special demonstrations than formerly. During the Session Mr. J. D. Griffiths, N.D.D., was transferred to the post of Demonstration Officer and through him the Department has prepared materials and been represented in a large number of demonstrations. The Young Farmers' Clubs have made the strongest demand for lectures and most of their requests have been met. In September, 1944, a very successful week-end School was held in Aberystwyth and attended by about 200 Y.F.C. members from eleven counties of Wales. Requests for somewhat more extensive courses of this kind have been received.

During the year the Department has been requested to assist various organisations engaged in considering the economic and social needs and possibilities of rural Wales. As far as possible information and, where necessary, advice has been provided for them. There has also been considerable activity in the sphere of co-operative organisation in which the Department has obligations arising from the Joint Scheme with the Welsh Agricultural Organisation Society. In this connection I wish to record the regret of members of staff on the death of Mr. H. E. H. James, B.A., with whom they had worked very happily during the whole period of operation of this Scheme.

On the side of economic investigations, the Department has been requested to increase and geographically extend the sample of farms in the National Farm Management Survey, and in the future it expects to obtain annual records of some 400 farms. During the current year full financial records of over 300 farms will be prepared. In addition, the investigations into the economics of poultry flocks, with costs of production of milk, of fat cattle, and of crops are being continued. A new investigation into the economics of sheep flocks has been started. With various minor investigations these activities still involve regular contacts with some six hundred farmers in Wales. The compilation and filing of records of the National Farm Survey, mentioned in recent reports, has been completed, and this special staff has been engaged in tabulating and analysing information on certain items of the records for the whole of Wales, by parishes, districts and counties. Some special analyses of records for certain localities have also been made.

During the summer of 1944 we started a survey of a special area of Cardishire, with poor land and many small holdings. This survey was designed to collect all the reliable data of agricultural, economic and social character which might be obtainable. Fortunately we were able to secure excellent local co-operation. Professor H. P. Lewis, M.A., Sc.D., of the Geology Department, made a geological survey and prepared a report with maps and plans. Mr. R. O. Davies, M.Sc., F.R.I.C., of the Agricultural Chemistry Department, has also arranged to report on soil conditions in the area. It is a pleasure to express my appreciation of the active co-operation of my colleagues and a number of the inhabitants of the area, and of the sympathetic understanding of the great majority of the people who were asked to provide information. The office work on a vast mass of records of different kinds is now well under way.

Various difficulties, in connection partly with changes in personnel of clerical staff, partly with transport, and printing, have handicapped the work of the technical staff. A number of papers prepared in 1944 have not yet been

published.

Mr. V. H. Beynon, B.Sc., and Mr. P. J. Watkin, B.A., joined the staff in October last. Additional staff might have been appointed if suitable Welshspeaking candidates had been available. But the Department has been excellently served by all the staff engaged. During the year official suggestions have been made regarding need for training more specialists for various types of work in Agricultural Economics, at home and overseas; and it is hoped that a somewhat larger number of suitable students may appear for such training.

#### Publications

Professor A. W. Ashby

Country Towns: their Potentialities and Needs (in Country Towns in Future England, Edited by Stanley Baron. Faber, 1945).

Human Purposes of the Study of Agriculture. (Cyclostyled). Published by the Department.

The Peasant Agriculture of Wales. Welsh Review, September, 1944.

Reprinted for Department.

J. PRYSE HOWELL

A note on Wastage, Replacement and Depreciation in Some Dairy Herds in Wales 1936-37-1943-4. Welsh Journal of Agriculture. XVIII. 1945.

Changes in Organisation and Income on Some Farms in Wales (1941-2 and 1942-3). Welsh Journal of Agriculture, Vol. XVIII. 1945.

Mr. J. Pryse Howell with Mr. J. D. Griffiths and Mr. J. R. E. Phillips. Comparison of Costs of Winter Milk Production 1941-2 and 1942-3. Welsh Journal of Agriculture. Vol. XVIII. 1945.

MR. J. H. SMITH

Farm Costs of Hired Labour in Wales during 1943-4 (Cyclostyled). Pub-

lished by the Department.

Capital Outlay-Requirements, Expenditure and Receipts. Ch. X. of Poultry Farming." Penguin Special. Edited by Alan Thompson. 1945.

Changes of Wages and Costs of Labour on Farms in Wales 1939-43. Welsh Journal of Agriculture, Vol. XVIII. 1945.

Changes in Organisation of Farm Labour in Wales. Welsh Journal of

Agriculture, Vol. XVIII. 1945. Some Considerations Affecting the Operation of Profit Sharing Schemes in

Farming. Welsh Journal of Agriculture, Vol. XVIII. 1945.

MR. W. J. THOMAS

Growing Beans for Welsh Livestock: Methods and Costs. Journal of Agriculture, Vol. XVIII. 1945.

Financial Results of 37 Poultry Farms in Wales 1943-4. (Cyclostyled). Published by the Department.

Mr. W. J. Thomas with Mr. M. B. Roberts

Costs of Yard Fattening of Cattle in Wales during the Winter Period (Cyclostyled). Published by the Department.

Some Experiences in Growing Linseed for Feed on Welsh Farms (Cyclostyled). Published by the Department.

MR. J. R. E. PHIILLIPS

The Comparative Profitability of Butter-Making and Milk Selling on Some Hill Farms in Wales. Welsh Journal of Agriculture, Vol. XVIII. 1945.

MR. V. H. BEYNON

Reports on Methods and Costs of Production of Some Vegetable Crops in S.E. Carmarthen and the Gower Peninsula. (Cyclostyled). Publisted by the Department.

#### ANIMAL HEALTH

#### Professor A. N. Worden

The Department effectively came into being with the appointment of the Milford Professor as from 1st March, 1945. In view of the close relationship existing between the work under the Agricultural Development Fund and that envisaged by the new Department it was decided to ask Council to include among the functions of the Agricultural Development Committee the supervision of the finances of the Department of Animal Health and to agree to the formation of an Executive Committee of Management consisting of Mr. D. O. Evans, M.P. (Chairman), the Principal, the Milford Professor, Mr. Richard Phillips, M.Sc., and the Registrar. Pantyrhuad Farm, St. Clears, Carmarthenshire, therefore became available for investigational purposes by the new Department, while in view of the desirability of including Bargoed Farm, Llwyncelyn, Cardiganshire, in the scheme of investigation, permission was granted by the Finance and General Purposes Committee to assume respon-

sibility for this centre also.

The following staff appointments have been sanctioned:—Mr. Richard Phillips, M.Sc., A.R.I.C., (animal husbandry and the administration of investigational centres); a Special Lecturer in Biochemistry, Dr. W. C. Evans, M.Sc., Ph D., formerly of St. Mary's Hospital, London, (who, by arrangement with Professor C. W. Davies, will be housed in the Department of Chemistry and will undertake certain teaching duties in his subject in addition to collaborating in the research programme of the Department of Animal Health); Mr. T. R. Thomas, M.R.C.V.S., of Carmarthen (Consulting Veterinary Surgeon); Mr. E. Parker Pollard, B.Sc., (Parasitologist), kindly seconded by the Cooper Technical Bureau, Berkhamsted); and three Research Assistants, Messrs. A. W. Davies and R. A. Evans, B.Sc., A.R.I.C. (Biochemistry) and D. N. Fidler, B.Sc. (Animal Husbandry); Mr. Maldwyn Fisher, B.Sc., has been appointed Resident Manager at Pantyrhuad Farm and will take up his duties during October, 1945. Arrangements have been made also for full collaboration with Mr. L. E. Hughes, M.R.C.V.S., D.V.S.M., N.D.A. (Veterinary Investigation Officer) and with Mr. J. Dobinson, M.R.C.V.S. (Ministry of Agriculture and Fisheries Sterility Advisory Officer in South Wales). Mr. M. Trefor Thomas, B.Sc., of the Welsh Plant Breeding Station is, by kind permission of Professor T. J. Jenkin, collaborating in certain of the Department's activities.

The research programme so far envisaged includes a study of animal health and productivity in relation to ley farming and to winter feeding, with special emphasis upon the nutritional value for man of milk and other animal products; a survey of animal health and productivity in West Wales; and a

study of nutrition in relation to infections diseases in calves.

Acknowledgment has been made elsewhere of the generosity of Lord Milford in endowing the new Chair. It is a pleasure to acknowledge also the assistance rendered by the Hon. Gwenllian Philipps, the late Mr. D. O. Evans, M.P., Lt.-Col. Harewood Williams, the Cooper Technical Bureau and Messrs. Hitchman's Diaries, Ltd. (through the kind agency of Mr. D. Alban Davies).

#### DAIRY BACTERIOLOGY

Mr. S. B. Thomas

The number of students attending the various courses during the session was as follows:—

Grade.		No. Registered	No. who took Sessional Examinations	No. passed
1st Year Dairy Diploma		30	30	19
2nd Year Dairy Diploma		17	17	16
Short Course in Dairying	•	19		
Totals		66	47	35

The standard obtained by 19 first year Dairy Diploma students was the best for several years. The fact that 11 of this class were failed in the Sessional Examination shows that the selection of students for entry to the Dairy Diploma course requires further consideration. It has been found that students who have taken Chemistry and Biology as School Certificate or Matriculation subjects are able to profit from their studies in Bacteriology. It is suggested that students who have not taken these subjects in their School or Matriculation Certificates would be well advised not to enter for the

Dairy Diploma course.

Four post-graduate students from Cambridge, Newcastle, St. Andrews and Aberystwyth attended a 3 months intensive course in Dairy Bacteriology during July to September and 3 of these were appointed to research posts under the Ministry of Agriculture. At the request of the Ministry a refresher course for 13 selected County Dairy Advisers from Wales and the West of England was held in the Department during the Easter vacation. The Ministry supplied a number of lecturers and demonstrators but I should like to thank Mr. Arthur Pinsent, M.A., B.Sc., Mr. John Lewis, N.D.A., N.D.D., and Miss Mair Roberts, B.Sc., N.D.D., for the part they took in this course. Excellent facilities for practical work were supplied at the College Farm, Nantcellan. Thirty-seven routine testers under the National Milk Testing and Advisory

Scheme attended vacation courses ranging from 12 days to 6 weeks.

The development of advisory work in the Mid and South Wales provinces has included the provision of an additional area laboratory at Brecon and the extension of premises and facilities at Cardiff, Swansea, Carmarthen, Dolgelley and Builth Wells. The Central Records section has been temporarily accommodated in modern business premises in Aberystwyth, pending the completion of arrangements for housing all administrative staff at the central headquarters. Mr. T. Roderick of the Carmarthenshire War Agricultural Executive Committee has been appointed Administrative Assistant in the Department. Mrs. E. Jones-Evans, B.Sc., N.D.D., Lecturer in Bacteriology at Studley Agricultural College, has been appointed Assistant Advisory Bacteriologist to take charge of training courses and the technical development of area and creamery laboratories. This will give Mr. G. M. Phillips, M.Sc., N.D.D., the Senior Assistant Adviser, an opportunity to extend his investigations on bacteriological control work at creameries and dairies in South Wales. Of the 304,276 milk samples examined by means of the routine resazurin test during 1944, 8% were placed in Category C compared with 10% during 1943. Twenty-eight per cent. of the 74,240 churns of suspected milk examined on creamery platforms by means of the 10 minutes resazurin test during this period were rejected. This involved about 200,000 gallons of milk compared with 500,000 during 1941.

Miss A. T. Stewart, B.Sc., N.D.D., has continued her investigations for

the Ministry on the bacteriological grading of milk.

The Adviser has continued to serve on the Farm Advisory Sub-Committee and the Milk Testing Panel set up by the Ministry and has acted as Secretary of the Education Committee of the Society of Dairy Technology. The 'Report on Dairy Education in England and Wales' was issued by the Society during May 1945.

#### Publications

Messrs. S. B. Thomas and A. Peregrine

A comparison of the results of the examination of 24-28 hours old raw milk samples by means of the routine resazurine test and the methylene blue test. Dairy Industries, 9, 634. (1944).

MESSRS, S. B. THOMAS and G. M. PHILLIPS

The routine resazurin test as an index of the keeping quality of milk. Dairy Industries. 9, 699. (1944).
MESSRS. J. W. EGDELL and A. PEREGRINE

A comparison of the routine resazurin test on raw milk samples 24–28. hours old, with the methylene blue test conducted at 12-18 hours Dairy Industries, 9. 867. (1944).

Mr. S. B. Thomas and Dr. B. F. Thomas

Grading milk by means of the routine resazurin test. Dairy Industries. 10. (1945).

MESSRS. S. B. THOMAS, D. A. BOWIE, A. PEREGRINE and G. M. PHILLIPS

The routine resazurin test as an index of the keeping quality of milk. Proc. Soc. Agric. Bact (1944).

Dr. B. F. Thomas

The incidence of Mycobacterium tuberculosis and Brucella abortus in milk produced in Mid and West Wales. Proc. Soc. Agric. Bact. (1944).

Mr. G. M. Phillips

The National Milk Testing and Advisory Scheme. Welsh J. of Agric. 18 (1944). (In press).

Mr. S. B. Thomas

The routine resazurin test. Welsh J. of Agric (18). (1944). (In press). Mr. S. B. Thomas, Mrs. L. B. Jones and Miss Aldwyth Griffiths

The rejection of milk at Creameries and Dairies. The Dairyman. 62. (1945).

#### DAIRYING

### Mr. John Lewis

The figures relating to the numbers of students who have attended courses in Dairying during the year are as follows:

Grade	Number of	f students
Second Year Diploma	 *****	17
First Year Diploma	 	30
Short Course	 	19

Seven students qualified for the National Diploma in Dairying in September last and ten students are preparing to sit this year's National Diploma examination. Furthermore, sixteen second year students and eleven first year students are being recommended for the award of the College Dairy Diploma and Certificate respectively. Students completing courses during the year have met with keen competition for their services and the numbers available have not been anywhere near sufficient to satisfy the demand. A majority of students on leaving have taken up posts as bacteriologists and milk testers under the Ministry of Agriculture's National Milk Testing and Advisory Scheme, while appreciable numbers have taken up posts as county dairy advisory officers, milk recorders, farm dairymaids and creamery operatives.

Competition by candidates for admission to courses in Dairying has become very severe and as a consequence a process of selection has had to be applied, which has resulted in a marked improvement in the type of student admitted. For example, most of the new entrants next Session will be of matriculation standard and a school leaving certificate has for some time been regarded as a minimum qualification.

Miss Mary A. Nelson, N.D.D., has joined the instructional staff during

the year, and is giving very valuable service in the Department.

## ADVISORY ZOOLOGY

Mr. J. R. W. Jenkins

The Soil Pest Survey has continued to be one of the main features of the year's work; a wet extraction apparatus which enables more accurate estimations of soil populations to be made, has been installed and is now in use. In view of the importance of ley farming in future agricultural programmes, the building up of wireworm populations under ley conditions has been given special attention.

A considerabe amount of experimental work has been carried out to test the control value of certain new synthetic insecticides; pests dealt with in these experiments include the Clover Seed Weevils, Flea Beetles, Leaf Eating Beetles, Leaf Mining Flies, Ants, Woodlice, and, in co-operation with the Veterinary Investigation Officer, Sheep Maggot Flies and Ox Warble

Flies. The results so far obtained have been most encouraging.

The Adviser has attended meetings of the Advisory Entomologists' Conference, and of its Experiments and Reports Drafting Sub-Committees, upon which he represents Wales and the West Midlands. The work of the latter sub-committee has resulted in the publication of Ministry of Agriculture and Fisheries Bulletin No. 128, entitled "Wireworms'and Food Production." He has continued to act as Chairman of the Cardiganshire County Gardens Produce Committee, has been appointed a member of the Ministry of Agriculture and Fisheries Central Garden Produce Committee, and acted as Chairman of an Inter-County Conference arranged by that Committee, and held at Chester, where 8 Welsh and 4 English counties were represented.

The Adviser and his staff have worked in close co-operation with the seven Technical Developments Committees and Horticultural Sub-Committees in the College area, attending meetings, opening discussions, and assisting technical officers in the laying out of experiments, demonstrations,

etc

Exhibits have been provided at Demonstrations and Rallies, and lectures given to Farmers, Young Farmers' Clubs, and Gardens and Allotment Associations.

#### THE WELSH PLANT BREEDING STATION

DIRECTOR: DR. T. J. JENKIN

By the beginning of the year under review all available members of staff who had been seconded for special work under war-time conditions had

returned to full time duty at the Station. Certain vacancies on the establishment were, however, still not filled, and although certain changes did occur in the course of the year these vacancies could not be filled owing to dearth of suitable candidates.

Posts as Scientific Assistants are by their nature of a temporary character, the normal period of tenure being two years, but towards the end of the second year of the period, those occupiyng such posts are allowed to seek other

appointments.

Under this arrangement, Messrs. W. G. Gwynne and T. H. Davies were released during the year, the former to accept a post in Hampshire and the latter to a somewhat similar post in Wiltshire. For such appointments,

experience of work at the Station is a definite advantage.

In the course of the year, Messrs. D. G. Miles, B.Sc. (Honours Agricultural Botany), W. Ellis Davies, B.Sc. (Honours Agricultural Botany), both old students of the College, and Mr. A. W. Morris, a graduate of Reading University, were appointed Temporary Scientific Assistants. At the moment, two vacancies still remain.

For some time it had been felt that owing to continuous changes of personnel the technical assistants of the Station required closer supervision, and Miss Christine Palmer, B.Sc., was appointed as a Grade A technical

assistant.

When suitable candidates are again available, permission will be sought to expand the establishment with a view particularly to the appointment of well qualified assistants in each of the major departments. This provision is actuay overdue, because the great increase in the advisory services rendered by the Station through its officers on the one hand and the inevitable increase in scientific routine work entailed in the more practical aspects of the work of the Station has limited the opportunities for fundamental research beyond safe limits.

The establishment, multiplication, maintenance, and improvement of the Station's strains is an important aspect of this "routine" work, all of which must be under the direct supervision of the officer in charge or a highly qualified assistant, and the progress made in this direction during the year is very satisfactory. The demand for Stock Seed is still far in excess of the supply, and despite the fact that in 1945 about 20,000 acres of grass and clover seed crops, scattered throughout practically the whole of England and Wales, were inspected with a view to certification, it is estimated that the supply of Aberystwyth seed from certified crops will still fall well short of the demand. The Station is directly concerned only with the maintenance of the Stock Seed supply and the inspection of the resulting crops. It does not in any way trade even in seed of its own strains on a commercial basis.

It is expected that the Seed Multiplication farm, Morfa Mawr, will be of great assistance in the development of Stock Seed. The Oat crops designed for Foundation Seed harvested in 1944 were very satisfactory, and the crops of Perennial Ryegrass, Cocksfoot, and Timothy to be harvaested in 1945 are very promising. The live stock on the farm has been brought up to full strength, but the adaptation of the farm buildings for the purposes of the Station has made very slow progress owing to difficulties in the building trade.

A considerable amount of leeway in the following up of grassland experimental work has been made, and, in general, the results are very favourable to the Aberystwyth grass and clover strains in relation to the purposes for

which they were intended.

In the spring of 1945, a new oat variety, S.220, a black-grained type derived from a cross between Radnorshire Sprig and the Swedish Variety Victory was released for multiplication and distribution. This variety is mainly intended for land of medium fertility in Wales. A sister variety S.221, and one other variety are also now being multiplied with a view to relatively early release.

In the grasses and clovers, a great increase in the number of strains of each species is not anticipated nor intended, but certain gaps in the range covered by the existing strains should be filled up as soon as possible. One such new strain of Perennial Ryegrass is now being multiplied. The existing strains are themselves under constant study with a view to their further improvement. This, each year, involves an extensive programme of hand crossing and the study of many thousands of individual plants. At present, the Cocksfoot strains are given special attention. In clover breeding, the production of disease resistant Red Clover strains is an important line of work.

Visitors to the Station, particularly during the summer months, are something of an embarrassment, because, in order to do justice to the work, those intimately concerned with each aspect should explain the objects and the methods used to attain such objects. Efforts have been made, therefore, to limit organised parties to one day per week, but while this has eased the position to some extent, there are few days when, in addition, individuals and small groups of visitors are not entertained. The desire of such visitors to see and understand the work of the Station is very gratifying, and as far as can be arranged, everything possible is being done to meet all requests.

In addition, arrangements are being made for those who are interested in the details of the work to spend days or even weeks at the Station. Usually, no courses of instruction are organised, but each such visitor spends some time in each section of the work. For trainees in seed-crop inspection work,

however, a short organised course is given in May of each year.

During the winter months, the services of members of the Station's staff are in great demand for lectures to Young Farmers' Clubs and other organisations, and as far as possible this demand is also met. Thus the Station acts as an educational centre by bringing interested people to see the work, and by creating interest in the work by means of such lecture-classes and discussion groups.

The Cahn Hill-Improvement Scheme continues to attract attention, and a field day organised in September 1944 attracted many visitors from practically all the Welsh counties. In many cases, visitors to the Welsh Plant Breeding Station also visit the lands of the Cahn Hill-Improvement Scheme, but in other cases, according to their interest, they are shown either one or the

other.

Although the lease of the Cahn Hill-Improvement Scheme lands is due to expire in 1947, the work is being maintained, and during the year experiments designed to measure improvement by means of live stock production have been instituted. Although these cannot give complete results before the expiration of the lease, they may give very useful information, and in any case they may yet be available for demonstration if not for strictly experimentation purposes.

### IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS.

DIRECTOR: PROFESSOR T. J. JENKIN DEPUTY DIRECTOR: Dr. R. O. WHYTE

The work of the Bureau necessitates a long-term planning by the Deputy Director which is based on knowledge of the agricultural needs in all countries, with their variations in conditions ranging from extremes of humidity or aridity. These requirements have to be considered in the light of research progress and of outstanding developments in international relations. Thus, during 1944–5 there has been prepared and/or published work which has involved study of actual needs, interests, and potential developments in many climates.

Because of printing difficulties much material due for publication early in 1945 has been delayed in the Press. The research on forage resources of

Latin America: Part 1. El Salvador, to be published in co-operation with the Technical Collaboration Branch, Office of Foreign Agricultural Relations, United States Department of Agriculture, has been delayed in this way. Part 2 consists of a review of the literature, and is now ready for circulating to specialists in Latin America. The book by the Deputy Director on Crop production and environment is now in the press and his article on the history of vernalization, to be published by *Chronica Botanica*, is also completed for the press. Bulletin 31 on the Provision of animal fodder in tropical and subtropical countries; Bulletin 32 entitled Advances in grassland husbandry and fodder production (first symposium); and Bulletin 33 on Ley farming in Sweden are now available. Further work on the grasslands of South America is in progress.

Joint publications of the Pasture and Forestry Bureaux which have been in preparation throughout the year include: Aerial photopgraphy in vegetation surveys; Methods of surveying vegetation; and the use of trees and shrubs as fodder. The preliminary survey of the work to be published as "The establishment of vegetation upon coal tips and other spoil mounds" has

appeared in *Nature*, *Lond*, Vol. 154, pp. 506-8, 1944.

The gradual lifting of certain war-time restrictions has been reflected in the receipts of the Central Sales Branch of the Imperial Agricultural Bureaux

which continue to increase and the work to expand.

The Publications Accessions Branch was established during the year. This work, in co-operation with the British Council, consists of the receiving and redistribution to appropriate research centres of publications from all countries and in numerous languages.

### EXTRA-MURAL STUDIES

Mr. Ifan ab Owen Edwards (Vice-Chairman, Extra-Mural Classes Committee)

The amount of space taken up by the annually lengthening list of classes, compels the drastic abridgment of the departmental report proper.

There were causes for satisfaction in the Session which has just ended. The chief, perhaps, was the steady expansion in numbers and the considerable

increase in the more serious type of class.

At first sight the increase of totals from 146 (in 1943/4) to 179 (in 1944/5) suggests a sudden jump, but it must be remembered that the larger total includes the numerous special short courses run at the request of the Ministry of Education and in close co-operation with the Local Education Authorities. When these special courses have been discounted, the increase is seen to be a steady and satisfactory one. In connection with these special courses, which all dealt with the new Education Act, I would wish to thank my colleagues of the Education Department, and especially Professor Idwal Jones, for their very ready and valuable co-operation.

The most gratifying feature is that the real expansion of activities has been amongst the tutorial classes. During the year they have almost doubled. Actually they have increased from 13 to 22. This is a remarkable recovery after the war slump and approximates the record for all time for tutorial

classes, namely 24.

The main difficulty of the Session has been that caused by the scarcity of suitable tutors. The return of the men and women from the Forces may solve the problem, but the matter seems to be more fundamental, and may entail consideration of providing suitable training and experience, and of enlisting a small nucleus of permanent tutors.

It is pleasant to be able to record that the year was marked by a con-

siderable increase in interest in adult education.

# SUMMARY OF EXTRA-MURAL CLASSES, 1938-1945

	$19 - 38 - 9 \   39 - 0 \   40 - 1 \   41 - 2 \   42 - 3 \   43 - 4 \   44 - 5 \   38 - 9 \   39 - 0 \   40 - 1 \   41 - 2 \   42 - 3 \   43 - 4 \   44 - 5 \   40 - 1 \   41 - 2 \   42 - 3 \   43 - 4 \   44 - 5 \   42 - 3 \   43 - 4 \   44 - 5 \   44 - 5 \   42 - 3 \   43 - 4 \   44 - 45 \   $	31	99	17	33	62	27	60	179
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RSES	43-4	53	55	10	13		15	3	89
SHORT COURSES	42-3	14	55	9	13		∞	C21	65
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COUNTY		Cardigan	Carmarthen	Merioneth	Montgomery	Denbigh (Tanat Valley)	Pembroke	Radnor	Totals

## UNIVERSITY EXTRA-MURAL CLASSES

Class	Subject	Tutor	Enrolment	Enrolment Number of lectures
Cindiamoleino	TUTORIAL			
C <i>araigansnire</i> Aberystwyth Rhydypennau	Problems of the Post-War World: I. Security. Y Testament Newydd, ei hanes a'i gynnwys.	S. H. F. Johnston Rev. D. J. Evans	18 15	24.
Carmarthenshire Carmarthen Carway Bancffosfelen	Sociology: Reconstruction. Sociology: its application to modern conditions. International Affairs: the growth of Nationalism.	T. I. Jeffreys Jones s. Rev. O. R. Davies	20 12	2, 2, 4, 4,
Ffairfach	Civilisation: the growth of Law and Legal In	Rev. D. E. Williams n-	12	24
Myddfai Newcastle Emlyn	stitutions. Music. Welsh History and Literature.	A. T. Davies W. J. Gravelle Mrs. G. E. Davies	15 13 13	22 24 44 44
roncy berein Tumble	The firstory of Political Ideas and their relation to Economic Development.  The History of Christian Ethics.	C. Lloyd Humphreys Rev. J. S. Williams	10	24 24
Mevioneth Aberdovey	The Economic, Social and Political Geography of certain world problems.	y W. I. Lewis	16	24
Dinas Mawddwy Dolgelley	Science and Religion. Music.	Dr. Dan Davies Mrs. K. M. Thomas	15	224
Montgomeryshire Llanfair Caereinion Machynlleth	Biology and Social Problems. Twf Seicoleg a Thueddiadau Cyfocs.	Dr. E. E. Watkin J. R. Jones	18	24.
Pembrokeshire Abercych Dinas Cross Goodwick	Llenyddiaeth Cymru.  Economics, with special reference to recent reports. W. Haydn Davies.  Do.	Mrs. G. E. Davies ts. W. Haydn Davies. W. Haydn Davies.	12 15 17	2 2 2 4 4 4

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Dr. G. H. Green Dr. G. H. Green Rev. H. J. Flowers D. Hughes Lewis	Mr. Thomas Jones Rev. D. J. Davies Dr. H. Islwyn Davies Harold M. Watkins Harold M. Watkins Rev. D. Emrys James Dr. H. Islwyn Davies Thomas Jones Dr. Dan Davies Rev. William Davies Thomas Jones Rev. William Javies Rev. D. Emrys James Rev. D. Emrys James Rev. D. Emrys James Rev. D. Emrys James Rev. D. Emrys James	Rev. E. Jenkins. W. J. Gravelle W. J. Gravelle Rev. I. Morgan Rev. H. R. Charles Rev. D. Thomas. W. J. Gravelle Rev. J. H. Francis T. I. Jeffreys Jones W. J. Gravelle
Psychology.  Jo. International Affairs: the East and Japan. Economics: the Theory of Money.	Swyddogaeth y Bardd. Perthynas yr Eglwys a'r Wladwriaeth. Llenyddiaeth Gymraeg yn y 18fed ganrif. Current Events. Do. Llenyddiaeth Gymraeg. Agweddau ar Fywyd Cymdeithas Gymreig yn y 18fed ganrif. Swyddogaeth y Bardd. Egwyddorion Llywodraeth Leol. Hanes Protestaniaeth yng Nghymru. Swyddogaeth y Bardd. Barddoniaeth a Llenyddiaeth Gymraeg Do. Daearyddiaeth a Phroblemau'r Dydd. Llen Gwerin Cymru.	Crefyddau'r Byd.  Music. Do. Dysgeidiaeth Proffwydi Hebraeg yr 7fed a'r 8fed ganrif. Psychology. Hanes yr Hen Destament. Music. Cristnogaeth a Meddyleg. International Affairs. The Elements of Music.
Haverlordwest Milford Haven Narberth Tenby	Cardiganshire Aberaeron Aberarth Betws Leici Borth, I Borth, II Dihewyd Gartheli Llanrhystyd Pennant Pontarfynach Rhydlewis Sarnau Ysbyty Ystwyth Ystumtuen	Carmarthenshire Alltwalis Babel Bethlehem Capel Iwan Conwil Elfed Cwmcothi Gwynfe Hebron Llandovery

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Number of lectures	12 12 18 18 18 18 18 18 18 18 18	12 18 18 12 12 16	122222222
Enrolment Number of lectures	12 12 13 13 13 14 18 18 18 18 16	21 17 27 13 18 18	22 8 8 2 2 8 8 2 8 8 8 8 8 8 8 8 8 8 8
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Subject	Elementary Psychology.  Egwyddorion Dinasyddiaeth. Hanes Llenyddiaeth Cymru. Cristnogaeth a Meddyleg. Hanes a Datblygiad y Ddrama. Ail-adeiladu Cymdeithas. Dyn a'i Etifeddiaeth. Hanes Cymru: 1485–1914. Music. Bases of Reconstruction. Post-War Reconstruction. Foreign Policy and International Affairs. International Relations.	Cerdd Dant. Rwsia (hyd at 1917) Dinasyddiaeth (gyda phwyslais ar Lywodraeth Leol). Y Delyn mewn Cerddoriaeth. Datblygiad Gweriniaeth yng Nghymru. Music and its Appreciation.	Political Problems and Modern Geography. Anthropology. Problemau Cyfoes. The Problems of Everyday Life. Political Geography. Biology and Social Problems. Ystyr a Phwrpas yr Hen Destament. Music. Political Geography and World Problems.
Class	Llanpumpsaint Llanybyther Login Nebo Manor Deilo Pencader Pontyates Porthyrhyd Pumsaint St. Clears Trapp Treech Triech	Merioneth Bala Dyffryn Harlech Llandderfel Llanfachreth Llanuwchllyn	Montgomeryshire Bwlchyffridd Carno Llangynog Llandloes Llannhaeadr Newtown Pontrobert Welshpool, I

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17 21 24 12 27 27 19 19	20	34	48 26 36 23 15 16	19 16 12 11 11 12
Andrew Williams Titus Lewis Dr. Percy A. Little D. Hughes Lewis Mrs. C. M. Davies D. Hughes Lewis Andrew Williams E. Haydn Jones	A. Cantle Alwyn D. Rees	Professor R. F. Treharne Professor T. H. Parry	Williams E. G. Bowen Rev. Maelgwyn Morris Rev. Principal G. A. Edwards Datydd Jenkins Garfield H. Hughes I. C. Jones	Llewelyn Davies Rev. O. J. Hughes A. T. Davies Rev. F. Alun Thomas P. T. Rees D. J. Williams W. Emlyn Jones
Elfennau Cerddoriaeth Gwyddor Gwlad.  Biology.  Biology.  Reconstruction: employment, social insurance, Education, health.  D. Hughes Lewis D. Hughes Lewis D. Hughes Lewis Literature and Society.  D. Hughes Lewis Elfennau Cerddoriaeth.  D. Hughes Lewis D. Hughes Lewis Elfennau Cerddoriaeth.	Three great Queens—a study of the Elizabethan, Augustan and Victorian Ages. Political Geography and Modern Problems.	SHORT COURSES Some Problems of International Politics. Rhai Agweddau ar Lenyddiaeth Cymru	Former Religious Customs in Wales. Elfennau Seicoleg. Hanes Gwareiddiad. Agweddau ar Hanes Amaethyddiaeth. Llenyddiaeth Gymraeg Ddiweddar. Mecaneg mewn bywyd beunyddiol.	Problemau Economaidd Cyfoes, Rhai Arloeswyr Crefyddol a Chymdeithasol, Datblygiad yr Iaith Gymraeg Hanes yr Eglwys. English Literature—the Drama Diwylliant Cymru—ei natur a'i hanes, Polisi Tramor.
Pembroheshire Cilgerran Glandwr Haverfordwest Letterston Maenclochog Milford Haven Moylegrove Pembroke	Radnorshive Llandrindod Wells Rhayader	Cardiganshire Aberystwyth, I Aberystwyth, II	Aberystwyth, III Melindwr, I Melindwr, II Penuwch Penygwaith Rhydypennau	Carmarhenshire Bancyfelin Bryn Iwan Caio, I Caio, II Carmarthen Cilycwm

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Tutor	Rev. H. R. Charles.	T. Gwyn Jones T. Gwyn Jones. T. Gwyn Jones Rev. D. Price	Nev. E. Jenkins Rev. J. Williams T. Idris Jones Mrs. C. R. Simon R. O. Davies	W. Emlyn Jones Rev. Simon B. Jones T. Gwyn Jones T. I. Jeffreys Jones	Frank Funings Rev. E. Lloyd Thomas T. Idris Jones T. Gwyn Jones	Telynores Dwyryd	E. K. Crimth John Evans W. D. Williams W. Gordon Price W. D. Williams	Bob Owen Richard Jones
Subject	Dysgeidiaeth y Testament Newydd a Phro- blemau'r Dydd. Hanes a Llenyddiaeth Cymru yn y 18fed a'r 19fed		ghymru. :th.	truction. miaeth Ddiweddar Cymru. diaeth Gymraeg y 18fed a'r 19fed ganrif. truction.	Langularis in the filseony of Carmar theusinie.  Shakespeare.  Cerddoriaeth  Hanes Sir Gaerfyrddin.	Cyfoes a safbwynt ardal wledig yng		Hanes Plwyti Llandecwyn a Liantinangel-y- Traethau.  Bywyd Cymru yn y 18fed. ganrif ar sail llenydd- iaeth.
Class	Cwm Duad Drefach	Felingwm Llangadog Llanllwni, I	Llansadwrn Llanwda, I Llanwda, II Llanwda, II Llanycrwys	Mydrim Peniel Penybanc Pontwelly	Fouryates Pontyberem Rhandirmwyn Salem	Merioneth Bala Brithdir	Bryncrug Dolgelley Llandderfel Llwyngwril	l alsarnau Towyn

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a a	T. J. Howells	Dr. E. E. Watkin	Rev. E. O. Evans	Miss Hilda Jones	Alwyn D. Rees	H. D. Roberts.	Rev. I. E. John	Pierce Roberts	T. J. Howells	Alwyn D. Rees	Rev. Glyn Jones	Alwyn D. Rees	Thomas Jones	Alwyn D. Rees	O. Glyn Jones	Rev. Glyn Jones	G. Thomas	Mrs. M. E. Simpson	Rev. Glyndwr Jenkins	Kev. Egryn Koberts		Miss Hilda Jones	J. Ellis Williams		D. Hughes Lewis	W. Eynon	W. Eynon	D. Hughes Lewis Rev. S. F. Morris	200000000000000000000000000000000000000
Current Affairs: the nature of democracy, and the problems of peace, reconstruction and social	insurance.	Do.	Current Affairs.	Drama.	Political Geography.	Agweddau ar Lenyddiaeth Gymraeg Fodern.	Current Affairs	Do.	Do.	Celtic Mythology.	African Exploration.	Political Geography.	Swyddogaeth y Bardd.	The United States.	Problemau'r Dydd.	African Exploration.	Local Studies.	Biology—how the body works	Current Affairs.	The Old Testament.	Uey)	Drama.	International Relations.		Cwrs y Byd,	Drama.	Drama.	Local Government, Drama.	Britis
Montgomeryshire Berriew, I	Borriew II	Caersws	Churchstoke	Hirnant	Llanbrynmair	Llantihangel	Llanfyllin, 11	Llangynyw	Llanidloes	Llanrhaeadr	Llansantffraid	Llawryglyn	Machynlleth	Newtown	Staylittle	Trefnanney	Tregynon	Welshpool, I	Welshpool, II	Welshpool, III	Denbighshire (Tanat Valley)	Llansilin	Maengwynedd	Pemhrokeshire	Boncath	Clynderwen	Hayscastle, 1	Hayscastle, 11 Llysyfran T	+ frames for fifty

### Education Act 1944 Special Lectures.

The following single lectures were delivered in co-operation with the Pembrokeshire Local Education Authority and the College Education Department, upon Modern Education and the Education Act, 1944:—

Crymmych: Dr. Gwenan Jones
Fishguard: Professor Idwal Jones
Milford Haven: Arthur Pinsent.

Narberth: Dr. Gwenan Jones
Pembroke Dock: Professor I. Jones
Tenby: Dr. George H. Green

Courses of three or four lectures each were also delivered by the College Education Department staff in co-operation with the Carmarthenshire Local Education Authority in the same subject:—

Llandovery: Arthur Pinsent
Llandilo: Dr. G. H. Green
Llangadog: Ifan ab Owen Edwards
Llanbyther: Professor Idwal Jones
Newcastle Emlyn: Dr. Gwenan Jones

Carmarthen: Dr. George H. Green
Pencader: Dr. Gwenan Jones
Pontyberem: Arthur Pinsent
St. Clears: Professor Idwal Jones
Whitland: Ifan ab Owen Edwards.

Five Short Courses upon the Education Act were also held in the County of Cardigan in the following places:—

Aberaron: Arthur Pinsent

Aberystwyth: Professor Idwal Jones and Arthur Pinsent

Cardigan: Arthur Pinsent

Lampeter: Professor Idwal Jones Tregaron: Dr. Gwenan Jones.

### LIBRARIES

### MR. A. AP GWYNN

Mrs. E. Lynn, appointed temporary who e-time assistant in July, 1944, resigned in December. The resulting vacancy has not been filled.

The College has received, under the will of the late Lady Owen-Mackenzie, a sum of £200, "to be devoted to the purchase of rare volumes for the

Departmental Libraries. The Chemistry Library was checked and put in order during the Michaelmas term and the Christmas vacation, and a list of books missing compiled. Such of the missing volumes as were still of use have been replaced.

Members of the Botany Department have presented six volumes to the Departmental Library, in memory of those of their number who lost their

lives in the war.

Periodicals. The following new periodicals have been added to the Chemistry Library: Chemical Reviews, from January 1945; Journal of Chemical Ecucation, from January 1945; Chemical Society, Abstracts "B" from 1941 and "C" from January, 1945. The Journal of Physical Chemistry, discontinued in 1939 in favour of the Journal of Chemical Physics, has been recommenced.

The Proceedings of the British Society for International Bibliography, volumes 1–4, have been acquired, and the subscription to the current volume

paid.

The Library Association is attempting, on behalf of libraries in this country, to obtain missing issues of American periodicals. Where the extent of material missed during the war years is sufficient to warrant it, arrangements for reprinting or special reproduction may be considered.

Binding. With the exception of some volumes of Law Reports and annual degree papers no routine binding has been done during the session.

Missing Books. On a count in September, 1944, the number of book missing during the session 1943–44 was found to be 84. This had, by March

1945, been reduced to 66, the lowest figure recorded.

Although the supply of library material, from both home and foreig sources, is still restricted, evidence of a slight improvement is not wanting In April, 1945, for instance, communications with France, broken off in 1940 were resumed, the firm of Droz sending two issues of *Humanisme Renaissance* for 1940.

I resumed duties as Librarian on the 1st June, having been absent o national service since February, 1942. It is with pleasure that I pay a tr bute to the Acting-Librarian for the manner in which she has, in spite of ir sufficient and changing staff and of the difficulties of supply of library materia taken charge of the College libraries. Miss E. M. Harris also deserves thank for her share in carrying on the work of the Libraries during the onerous year

### ACCESSIONS AND STATISTICS, 1944-45

ACCESSIONS AND STATISTICS, 1944-43	
Among purchases the following non-current books are of interest Humphreys. Handbook of county bibliography. 1917 Williams. General history of the county of Radnor. 1905 Fenton. Historical tour through Pembrokeshire. 1810, an edition of 1903 Jones. History of the county of Brecknock. 3 vols. 1909–1: Myddelton. Chirk Castle accounts. 2 vols., 1908, 1931 Birch. Memorials of the see and cathedral of Llandaff. 1912 Birch. History of Margam Abbey. 1897. do. History of Neath Abbey. 1902. Williams. Ancient and modern Denbigh. 1856. Plot. Natural History of Oxfordshire. 1705. Burnett. Plantae utiliores, or illustrations of British plants. 1842–50. Montalembert. Monks of the West. 7 vols. 1861–79. Francis. Smelting of copper in the Swansea district. 1881. Gifts of books have been received from the following, amongs donors:  J. R. Davies, Esq. (110 volumes from the library of the late Monking).	d later 4 vols. t other ajor D.
Gwynne Davies); Principal Ifor L. Evans (67 volumes); Herbert, Esq. (9 volumes); Major S. H. F. Johnston (3 volume	Sydney
British Academy (2 volumes); The British Museum (2 volumes	); The
High Commissioner for Australia (2 volumes); P. A. Lewis H.M.I. (Jones: Y Gymraeg yn ei disgleirdeb. 1688).	, Esq.,
Five theses were received from the University Registry, Cardif	f; and
fifty-six calendars, prospectuses and similar publications were se	
universities, colleges and other institutions.	
Volumes dealt with during the year: already in Library	
	. 1,560 . 104
amphious deate with during the year	
	1,678
Books issued: General Library (Term)	6,368
(Vacation)	0.01
Science Library (Term) (Vacation)	1.71
(*acation)	
	8,283
Borrowers for Vacation : General Library	266
Science Library	. 52
	318
Books borrowed through Regional Libraries scheme for Wales and	
Monmouthshire, and National Central Library Books applied for but not obtainable	20
Books lent, as above	. 389
Books applied for to University College of Wales, but not available for	
loan Theses lent	2
Theses borrowed	. 1
Number of catalogue slips (addenda) sent to the Union Catalogue	1,605
Regional Libraries Scheme	. 1,000

### HALLS OF RESIDENCE FOR WOMEN STUDENTS

SENIOR WARDEN: Mrs. K. GUTHKELCH

Difficulties as to labour and food for the Halls of Residence still make the smooth running of them a matter of almost spirit-breaking difficulty. By now also the advanced age and decrepitude of the furniture and fittings at Alexandra Hall adds to the daily difficulties: chairs and beds and wardrobes have been mended and re-mended until in some cases the result is no longer worth further repairs. Yet it would be ungrateful not to emphasise also any mitigations of hardship of late: and among these the substitution of dim-out for black-out and finally its complete removal has made evening and morning work and anxiety much easier. It is also worth underlining that as the war has gone into its sixth year the health of the women students, contrary to expectation, has steadily improved. The closing Session (1944–45) has established a record of good health, for which we cannot be too thankful.

The discontinuance of Vacation Courses and Summer Schools has again made the vacation cleaning and repairs easier. The general ruling against them was waived as before in favour of the 5-day Clergy Course in July, 1944 at Carpenter Hall, and at Carpenter Hall and Alexandra Hall in the summer of 1944 for a Short Course in Dairying, and in September, 1944, for the usual Teacher Training School Practice at Alexandra Hall, and Supplementary Examinations candidates, and a fortnight or so devoted to London County Council evacuated school children in the August. In addition, at Easter 1945, a Conference of Young Farmers' Clubs was housed for one night at both Halls, and Entrance Scholarship candidates were accommodated at Alexandra Hall.

There were an average of 172 students in residence at Alexandra Hall and 48 at Carpenter Hall.

### SENIOR TRAINING CORPS CONTINGENT

Major S. H. F. Johnston

The Ministry of Labour's decision to remove the training condition from deferred students has made the Contingent entirely a voluntary body and, as might have been expected, a considerable fall in numbers took place during the session.

The majority of cadets have been keen and hard-working, and Colonel A. A. E. Chitty, D.S.O., Inspector of the Training Corps, was satisfied after his inspection of the Contingent. The first camp since the war—a joint one with the Bangor Contingent—is to be held in the summer.

### UNIVERSITY AIR SQUADRON

FLIGHT LIEUTENANT J. MORTON

As in the past, training has taken place on Wednesdays in term-time together with a short course during each vacation; a limited amount of flying has also been carried out. On the whole the results have been satisfactory.

Cadets attended a camp at a Royal Air Force Station during the summer

vacation.

This year has seen the introduction of a new course embodying a simplified syllabus for students who are pursuing certain technical studies at the University. The object of this course is to give some practical experience of the service and flying to students who may eventually take up specialist positions in the Royal Air Force in civilian life.



UNIVERSITY COLLEGE OF WALES ABERYSTWYTH





### Reports to the Court of Governors

SUBMITTED ON 23rd OCTOBER — 1946 —



### UNIVERSITY COLLEGE OF WALES

**ABERYSTWYTH** 

A Constituent College of the University of Wales



### REPORTS

SUBMITTED TO THE

COURT OF GOVERNORS

23rd OCTOBER, 1946

1946

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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-fifth Session, 1946-47.

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From April, 1938
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From May, 1939

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Principal D. Emrys Evans, M.A., B.Litt., University College, Bangor.

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Benjamin Raymond Lewis, EsqMarket Square, Fishguard.
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Radnorshire
Llandrindod Wells
Presteigne Major J. Mostyn, M.C., M.A., County Education Offices, Llandrindod Wells.
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Cardiganshire E. D. Davies, EsqBoys' Council School, Aberystwyth. One vacancy.
Carmarthenshire  Miss J. A. Callard
Merioneth William Johns, EsqCouncil School, Llanbedr, Merioneth. R. Wynne Thomas, EsqCouncil School, Dyffryn.
Montgomeryshire David Thomas, Esq
Pembrokeshire R. G. Walters, Esq., Barn St. Boys' Council School, Haverfordwest. W. T. Williams, Esq., B.ScTy'r Athro, Blaenffos, Boncath.
Radnorshire

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 Nominees who shall not be Members of the Staff of the College Appointed by such Graduates of any of the Universities of the United Kingdom as have been Students of the College for not LESS THAN TWO SESSIONS :

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Dr. Thomas Quayle, M.A......31, Parkside, Mill Hill, London, N.W.7. \*B. Thomas, Esq., M.A...........38, Tufton Court, London, S.W.1. \*The Rev. Principal G. A. Edwards, M.A., D.D., Theological College, Aber-

ystwyth.

\*Sir William Ll. Davies, M.A., National Library of Wales, Aberystwyth. Professor J. Morgan Rees, M.A., University College of North Wales, Bangor.

Nominees of The Governing Body of The University College of NORTH WALES .

The Rev. H. Harris Hughes, B.A., B.D., 19, Scarisbrick New Road, South-

Nominees of The Governing Body of The University College of South Wales and Monmouthshire:

One Vacancy.

NOMINEES OF THE COURT OF THE UNIVERSITY OF WALES:

Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina,

Miss G. M. Richards, B.A., County School for Girls, Hengoed, Glam. The Rev. Professor W. R. Williams M.A., Tanybryn, Llanbadarn Road, Aberystwyth.

Nominees of The Hebdomadal Council of The University of Oxford: 

NOMINEES OF THE COUNCIL OF THE SENATE OF THE UNIVERSITY OF CAMBRIDGE:

Professor James Chadwick, M.A., Ph.D., F.R.S., The University, Liverpool. \*Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge. Professor P. H. Winfield, K.C., LL.D.....13, Cranmer Road, Cambridge.

NOMINEES OF THE SENATE OF THE UNIVERSITY OF LONDON:

Professor D. Hughes Parry, M.A., LL.M., Prvs, Blake's Lane, New Malden,

Professor C. J. Sisson, D.Litt., M.A., D.es-L., University College, Gower

Street, London, W.C.1. \*Professor Sir Charles K. Webster, M.A., Litt.D., F.B.A., 4, St. John's Lodge, Harley Road, London, N.W.3.

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Chester and North Wales Incorporated Law Society

Alun Williams, Esq
East Carmarthenshire Law Society Hugh Williams, EsqLlandilo, Carm.
Llanelly Law Society W. Edward Williams, EsqPowell Street, Llanelly
Merthyr Tydfil and Aberdare Incorporated Law Society W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil.
Monmouthshire Incorporated Law Society
Pontypridd, Rhondda and District Law Society D. Harold Rees, Esq
Swansea and Neath Incorporated Law Society John Jenkins, Esq., Brynhyfryd, Battledown Approach, Cheltenham.
West Wales Law Society Frederic H. Jessop, Esq., LL.BEastgate, Aberystwyth
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South Wales and Monmouthshire Branch: Dr. Roland WilliamsDryslwyn, Clynderwen, Pem
Shropshire and Mid-Wales Branch Dr. A. ShearerMount Severn, Newtown, Mont.
Women Nominees of The Court of Governors:
Mrs. David Ellis
Nominees of The Senate of The College:
Professor D. J. Ll. Davies, M.A., LL.B., Orlandon, North Parade, Aber-
ystwyth Professor T. J. Jenkin, D.ScRhoslwyn, Iorwerth Avenue, Aberystwyth Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth
Nominee of The Teaching Staff not Being Members of The Senate
I. C. Jones, Esq., M.ScCaledfryn, Bryn Road, Aberystwyth
Members of Court by Virtue of Membership of College Council
*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth. *Dr. C. Bryner Jones, C.B., C.B.E., M.Sc., 12, Laura Place, Aberystwyth. *J. Morgan Jones, Esq., C.B.E., M.A., Maesnewydd, North Road, Aberystwyth
*Miss E. C. Nightingale, M.AThe Mount School, York *Sir John Russell, D.Sc., F.R.S., Campsfield Wood, Woodstock, Oxfordshire

\*The Hon. Mr. Justice Stable .. Plas Llwyn Owen, Llanbrynmair, Mont. \*H. M. Vaughan, Esq., M.A., J.P..........32, Victoria Street, Tenby.

\*Denotes membership of College Council.

Bankers—The National Provincial Bank, Limited, Aberystwyth.

**Auditors**—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

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Thomas Jones, Esq., C.H., M.A., LL.D., ...... Brynhir, Penglais Road, Aberystwyth.

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### Treasurer

Ivor Evans, Esq., M.A., Carregwen, Llanbadarn Road, Aberystwyth.

### Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

### Representative Members

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The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates
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Cardiff.

Nominee of the University of Oxford
Principal Sir Frederick W. Ogilvie......Jesus College, Oxford.

Nominee of the University of Cambridge
Professor O. T. Jones, M.A., D.Sc., F.R.S., 73, Barton Road, Cambridge.

\*Professor Sir. Charles K. Webster, M.A., Litt.D., F.B.A., **4,** St. John's Lodge, Harley Road, Lo**n**don, N.W.3.

Women Nominees of the Court of the College
Miss Gwendoline E. Davies, C.H.......Gregynog Hall, Newtown, Mont.
Principal Ellen Evans, M.A.....Training College, Barry, Glam.
Miss E. C. Nightingale, M.A.....The Mount School, York.

Nominees of the Senate of the College Professor E. D. T. Jenkins, M.A., Plas Penrhyn, Tre'rddol, Machynlleth, Mont.

Professor L. Newton, M.Sc., Ph.D., Bancyrhos, Caemelyn, Aberystwyth.

### Elected Members

### To retire in October, 1946

The Rev. Principal H. K. Archdall, M.A., St. David's College, Lampeter,
Cards.

Dr. David Ellis, B.S., J.P........Cartrefle, North Road, Aberystwyth.

Ivor Evans, Esq., M.A., Carregwen, Llanbadarn Road, Aberystwyth.

Miss A. Gower Jones, M.A., J.P...........Sunnyside, Aberystwyth.

Dr. Ernest Jones, M.Sc., D.P.H., Isallt, St. David's Road, Aberystwyth.

Thomas Jones, Esq., C.H., M.A., LL.D., ..... Brynhir, Penglais Road,
Aberystwyth.

Sir John Russell, D.Sc., F.R.R., Campsfield Wood, Woodstock, Oxon. T. D. Slingsby-Jenkins, Esq., J.P., Porth Elenydd, Devil's Bridge, Cards. The Hon. Mr. Justice Stable, Plas Llwyn Owen, Llanbrynmair, Mont. One vacancy.

### To retire in October, 1947

### To retire in October, 1948

### **COLLEGE STAFF**

### Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

### Vice-Principal:

R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.).

SUBJECTS	Professor of Classics: E. D. T. JENKINS, M.A.
Greek and Latin	(Oxon.). Senior Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.). Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab); R. J. HOPPER, B.A. (Wales), Ph.D. (Cantab), former Fellow of the University of Wales; LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturer: J. EARNSHAW, M.A. (Manc.). Assistant Lecturers: W. A. ARMSTRONG, M.A. (Sheffield), Ph.D. (Yale); R. J. COX, B.A., Ph.D. (Cantab.); J. M. NOSWORTHY, B.A. (Reading).
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales. Senior Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales). Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: E. R. BRIGGS, M.A., Ph.D. (Cantab.). Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Universite de Paris. Lecturer: J. KILLA WILLIAMS, M.A. (Wales). Assistant Lecturer: O. R. TAYLOR, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Lecturer: T. P. WILLIAMS, M.A. (Wales). Assistant Lecturer: KATHLEEN WEBBER, B.A. (Leeds), D.Phil. (Oxon.).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Senior Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.). Lecturer: I. J. SANDERS, M.A. (Wales), D.Phil. (Oxon.). Assistant Lecturer: ALUN DAVIES, M.A. (Wales),
Welsh History	Sir John Williams Professor: DAVID WILLIAMS, M.A. (Wales), A.M. (Columbia). Special Lecturer: T. JONES PIERCE, M.A. (Liv.).

Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.). Senior Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Lecturer: J. R. JONES, M.A. (Wales), D.Phil. (Oxon.).
Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.B.E., M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Lecturers: Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall; Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.); J. R. MORRISON, M.A., B.Sc. (Glas.), B.Ed. (Edin.). Instructor in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: SCOTT NISBET. Part-time Assistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Senior Lecturers: A. BEACHAM, B.A. (Wales), M.A. (Liv.), Ph.D. (Belfast); PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales). Lecturer: J. H. MORRIS, M.Sc. (Lond.).
International Politics	Wilson Professor: E. H. CARR, C.B.E., M.A. (Cantab.). Assistant Lecturer: I. G. JOHN, B.A. (Wales), M.Sc. (Lond.).
Music	Gregynog Professor: D. J. DE LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturer: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O. Assistant Lecturer: JOHN CLAPHAM, B.Mus. (Lond.), L.R.A.M., A.R.C.M. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing.) HUBERT DAVIES, A.R.A.M. (Violin.) RAYMOND JEREMY, F.R.A.M. (Viola).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Senior Lecturer: W. H. D. WINDER, M.A. (Oxon.), LL.M. (Lond.), Barrister-at-Law. Assistant Lecturer:
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Senior Lecturer: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg). Lecturer: Miss DÖROTHY S. MEYLER, M.Sc. (Wales).

	Independent Lecturer and Head of Department:
Applied Mathematics	THOMAS LEWIS, M.Sc. (Wales). Lecturers: Miss DOROTHY S. MEYLER, M.Sc.
Applied Maintinuities	(Wales); C. E. EASTHOPE, M.Sc. (Wales),
	Ph.D. (Cantab.).
	Professor: R. M. DAVIES, D.Sc. (Wales), Ph.D.
	(Cantab.), F.Inst.P. Senior Lecturer: I. C. JONES, M.Sc. (Wales),
Physics	F.Inst.P.
	Lecturers: D. A. RICHARDS, M.Sc. (London),
	A.R.C.S., D.I.C.; G. R. EVANS, M.Sc. (Liv.).
	Ph.D. (Wales).
	Assistant Lecturer: E. M. JOB, B.Sc. (Wales). Professor: C. W. DAVIES, D.Sc. (Wales), F.R.I.C.
	Senior Lecturer: L. J. HUDLESTON, M.C., B.Sc.
Chemistry	(Lond.).
Chemistry	Lecturer: K. HELLER, Ph.D., D.Sc. (Prague).
	Assistant Lecturers: J. B. BOWEN, B.Sc. (Wales), A.R.I.C.; C. MONK, B.Sc. (Lond.).
	Professor: T. A. STEPHENSON, D.Sc. (Wales).
	Senior Lecturers: E. E. WATKIN, Ph.D., D.Sc.
Zoology (including	(Wales); Miss F. G. REES, Ph.D., D.Sc. (Wales).
Agricultural Zoology)	Lecturer: J. R. ERICHSEN JONES, Ph.D., D.Sc. (Wales).
20010gy)	Assistant Lecturer: E. G. HEALEY, B.Sc. (Lond.).
	Ph.D. (Munich).
	Special Lecturer in Entomology: J. R. W. JEN-
	KINS, M.Sc. (Wales). Gregynog Professor: E. G. BOWEN, M.A. (Wales).
Geography and	Lecturers: WALTER FOGG, M.A. (Manc.);
Anthropology	ALWYN D. REES, M.A. (Wales).
	Assistant Lecturer: C. A. FISHER, M.A. (Cantab.).
	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.), F.L.S.
	Senior Lecturers: P. W. CARTER, M.Sc. (Wales);
	Miss IRENE M. WILSON, M.Sc., Ph.D. (Lond.).
Botany	Lecturer: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.
	Assistant Lecturer: HERBERT JONES, B.Sc.
	(Wales).
	Professor: H. P. LEWIS, M.A., Sc.D. (Cantab.).
Geology	Senior Lecturers: J. CHALLINOR, M.A. (Cantab.); J. I. PLATT, M.Sc. (Manc.).
	Professor (Animal Husbandry): J. E. NICHOLS,
Agriculture and Rural	M.Sc. (Durham), Ph.D. (Edin.).
Economy	Professor (Crop Husbandry): W. ELLISON, B.Sc.,
	Ph.D. (Durham).
Agricultural	Assistant Lecturer: G. M. DAVIES, B.Sc. (Wales). Independent Lecturer and Head of Department:
Chemistry	R. O. DAVIES, M.Sc. (Wales), F.R.I.C.
	R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales).
Agricultural	Professor: E. F. NASH, M.A. (Oxon.).
Economics Agricultural	Assisted by Advisory and Research Staff (see below). Professor: T. J. JENKIN, D.Sc. (Wales).
Botany	Lecturer: P. T. THOMAS, B.Sc., Ph.D. (Wales.)
	Director of College Dairy: JOHN LEWIS, N.D.A.,
Dairying	N.D.D. Assistant: Miss MARY A. NELSON, N.D.D.
Poultry Manager	SYDNEY JACKSON, N.D.P.
sammes or	a a a a a a a a a a a a a a a a a a a

# Welsh Plant Breeding Station

Agricultural Economics Research and Advisory Staff .....

#### Animal Health

Director: Professor T. J. JENKIN, D.Sc. (Wales). Research Officers in charge of Investigations: E. T. JONES, M.Sc. (Wales); G. EVANS, M.Sc. (Wales); M. T. THOMAS, B.Sc. (Wales); LL. I. JONES, B.Sc. (Wales); A. R. BEDDOWS, M.Sc. (Wales); W. WILLIAMS, B.Sc. (Wales). Graded Research Officers: C. D. PRICE, M.Sc. (Wales); W. E. J. MILTON, M.Sc. (Wales); D. E. EDWARDS, M.Sc. (Wales); D. J. GRIFFITHS, B.Sc. (Wales).

Research Assistants: D. G. MILES, B.Sc. (Wales); W. E. DAVIES, B.Sc. (Wales); H. M. ROBERTS, B.Sc. (Wales); J. P. COOPER, B.Sc. (Reading); ROY HUGHES, B.Sc. (Wales).

Superintendent, Cahn Hill-Improvement Scheme: Ll. PHILLIPS, B.Sc. (Wales).

Superintendent, Morfa Mawr Sub-Station: A. J. DAVIES, B.Sc. (Wales).

Translator: Miss R. P. JONES, B.A. (Wales).

Adviser: Professor E. F. NASH, M.A. (Oxon.).
Assistant Adviser: J. PRYSE HOWELL, M.Sc. (Wales).

Marketing Assistant: E. LLEWELYN HARRY, M.Sc. (Wales).

Scientific Officers: J. R. E. PHILLIPS, M.A. (Wales); J. D. GRIFFITHS, N.D.D.

Senior Scientific Assistant: W. J. THOMAS, M.Sc. (Wales).

Temporary Junior Scientific Assistant: TREFOR JONES, B.Sc. (Wales).

Marketing Assistant (Co-operation)

Milford Professor and Director: ALASTAIR N. WORDEN, M.A. (Cantab.), B.Sc. (Lond.), M.R.C.V.S., A.R.I.C.

Assistant Director: RICHARD PHILLIPS, M.Sc. (Wales), A.R.I.C.

Special Lecturer in Biochemistry: W. CHAS. EVANS, M.Sc. (Wales), Ph.D. (Manc.).

EVANS, M.Sc. (Wales), Ph.D. (Manc.). Lecturer in Bacteriology: NORMAN WALKER, Ph.D. (Leeds).

Parasitologist: E. PARKER POLLARD, B.Sc. (Lond.).

Consulting Veterinary Surgeon: T. ROGER THOMAS, M.R.C.V.S.

Assistants (Animal Husbandry): G. J. ENGLAND, B.A. (Cantab.); LL. R. EVANS; D. N. FIDLER, B.Sc. (Wales); M. FISHER, B.Sc. (Wales); J. LEWIS, B.Sc. (Wales); D. McKELVIE, B.Sc. (Edin.).

Assistants (Biochemistry and Physiology): ALAN W. DAVIES; R. A. EVANS, B.Sc. (Wales), A.R.I.C.; D. LEWIS, B.Sc. (Wales); B. C. LOUGHMAN, B.Sc. (Wales); J. T. MORGAN, B.Sc. (Wales); H. E. ROBERTS, B.Sc. (Lond.), M.R.C.V.S.

Assistants (Parasitology and Ecology): G. OWEN EVANS, B.Sc. (Wales); R. WYNNE OWEN, B.Sc. (Wales); WINIFRED M. PHILLIPS, B.Sc. (Wales).

Assistant (Pathology): E. T. REES EVANS, B.Sc. (Lond.), M.R.C.V.S.

Physical Training	Instructor: Major H. F. STIMSON, M.B.E., T.D., Diploma of Sheffield Physical Training College. Instructress: Miss H. M. WADDINGTON, Diploma of Anstey Physical Training College.					
	Director: IFAN AB OWEN EDWARDS, M.A., (Wales and Oxon.). Resident Staff Tutors: D. HUGHES LEWIS B.A. (Wales); T. I. JEFFREYS JONES, M.A. (Wales).					
	Emeritus Professors :					
Welsh Literature	T. GWYNN JONES, <i>C.B.E.</i> , M.A., D.Litt. (Wales), D. Litt. (Dublin, N.U.I.).					
Education	C. R. CHAPPLE, M.A. (Lond.).					
Agricultural Chemistry	T. W. FAGAN, M.A. (Cantab.), F.R.I.C.					
English	J. W. H. ATKINS, M.A. (Cantab.).					
Law	T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.).					
Zoology	R. D. LAURIE, M.A. (Oxon.).					
Agriculture	J. JONES GRIFFITH, B.Sc. (Wales).					
Chemistry	T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.					

Director Emeritus of the Welsh Plant Breeding Station .....

SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

J. L. ANDRÉ BARBIER, Licenciê es Lettres (Paris) O.A., Chevalier de la Lêgion d'Honneur.

# ADMINISTRATION

Registrar: T. MAELGWYN DAVIES, M.A. (Wales).

Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.

Librarian: ARTHUR AP GWYNN, M.A. (Wales).

Senior Warden of the Halls of Residence for Women Students and Warden of Alexandra Hall: Mrs. K. GUTHKELCH, B.A. (Lond.).

Warden of Carpenter Hall: Mrs. G. MORGAN JONES, B.A. (Wales).

Warden of Plynlymon Hall: T. P. Williams, M.A., (Wales).

# REPORT

# 1945-1946

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1946, is presented:—

# I.--STUDENT NUMBERS

		Sessions	3		
	1941-42	1942-43	1943-44	1944-45	1945-49
Total Numbers.					
Men Women Total	253 260 —513	233 311 ——544	199 298 ——49 <b>7</b>	215 318 ——533	390 365 ——755
First Year Students.					
Men Women	126 110 236	120 118 ——238	93 113 206	107 117 ——224	150 140 ——290
Degree Students.					
Initial Degree Post-graduate Total	432 7 439	452 4 ——456	410 5 ——415	427 4 ——431	619 18 ——637
Other Students (excluding Short Courses)	i- 74	88	82	102	118
Distribution of Students.					
North Wales. Anglesey Caernarvonshire Denbighshire Flintshire Merioneth Montgomeryshire	2 19 9 9 26 28	2 14 14 11 16 30 87	3 17 14 9 14 22 —— 79	4 18 21 10 12 18 — 83	12 19 33 18 18 23
South Wales an Monmouthshire		,			
Cardiganshire Carmarthenshire Glamorgan Pembrokeshire	10 115 58 142 16 3 17 ——361	15 112 77 156 16 — 24 —400	14 87 77 148 17 2 20 ——365	16 77 76 160 22 5 24 ——380	18 110 79 239 32 6 34 ——518
BRITAIN OVERSEAS	50 9	50 7	47	65 5	104 10

II. STATISTICS OF COLLEGE DEPARTMENTS

	Other students		-	1		1	23	1	1	1	1
1	Diploma or Certificate		-			1	***	1	İ		1
pessi	Post-graduate		1			33	1	1		,	1
ed s	Honours				3		1	∞	7	14	4
Students passed	1st Year Honours		ĺ	3	1		1	-27	10	15	4
jo	Final			œ	19	ıc	1	31 + 2	5	9	r.
Number	Subsidiary		7	15	51	11		57	32	47	10
A	Intermediate		7	5+1+		]	4	18	14	ĺ	17
ıaı	Other students		-			-	25		1		1
Sessional	Diploma or Certificate		Mary Service		{						1
ρο S	Post-graduate					34		1		,	
akin	Honours		-	:	3	1		∞	7	14	4
s te	1st Year Honours			3	22	-		34 10	12	18	4
Students taki Examinations	Isnifl					9		34	12	7	rc.
Number of Students taking Examinations	Subsidiary		21	16	62	12		69	41	. 64	11
Numb	Intermediate		+	7		!	4	25	22	. 1	28
	Other students		2	-	35		187		T	1	
eq	Dip. or Certif.				1	1		-			Ī
ster	Post-graduate			-		99		4		7	1
legi S	Honours			1	3		1	6		• 🛨	4
f Flent	1st Year Honours			3				10	13	18	4
er of Re Students	Final		-	00	28	9		36	13	7	7.
Number of Registered Students	Subsidiary		2	17	89	12		70	41	69	11
	Intermediate		5	6			10	25	24		30
			:	:	:	:	:	:	:	:	:
	Department	Classics:	(a) Greek	(b) Latin	Economics	Education	Art and Crafts	English	French	Geography and Anthropology	German

STATISTICS OF COLLEGE DEPARTMENTS-continued

History		:	22	5.0	17	6	4			18	48	16	-6	2			*9+8	41	16	6	. 2	4	1
International Politics	Politics	:	1	The second secon	İ		1	1			1			- I	-	-		1	1	1		1	1
Philosophy	:		24	20	9	3		1		23+1	17	4	7		-	1	18	16	3	7		-	1
Welsh	:	:	20	20	7	<u>+</u> -	12			33	17	7	1	.12	1	-		14	7		12	1	1
Welsh History		:	22	ļ	1		1			18	1	1		- 1		1	∞	1				1	1
Botany	:	:	29	54	20 1	10	8		Π	65	48	20	10	- 00	1	1	42	43	16	6	$\infty$	T	1
Chemistry	:	:	67	32	7 15		10 7	7		64	31	∞.	15	- 00			50	25	۲۵.	15	∞		1
Geology		:	23	22	9		1			18	21	9		1		1	14+1*	18	50	į	!	1.	Badratin .
Mathematics			I	1	7	1	1			1		2	I			1	-	1	2		Н		1
Do. Applied	:	:	2	14	9	7.0	1	1		2	13	9				1	1+1*	12	5	1	1		1
Do. Pure	:	:	12	33	10	2	2	1	1	10	25	6	52	- 2			6+3*	21	7	4	2	1	
Physics	:	:	26	21	9		5			22+1†	20+2†	6+1+	9	3 1 †	1	1	17+3*	15	50	9	H	+	1
Zoology	:	:	64	43	-	00	4	1		56	41	7	00	3	1	1	35	29	4	∞	3	-	
Law	:	:	-	19	6	-	4		I		18	7	1	4	1		1	15	9	1	4		1
Music	:	:	2	6	9	1	4	1	62	7	6	9		4	 	1	2	∞	9	1	4	T	T

†External Students. \*Granted pass at Intermediate Stage on result of Subsidiary Examination.

#### III. AWARDS HELD

# 1. Entrance Scholarships and Exhibitions were awarded as follows:-

# (a) OPEN SCHOLARSHIPS

	√alue £40	Name of Student Ambrose, Kathleen	School Attended Wrexham Girls' County Secondary
Price Davies Price Davies Price Davies		Roberts, William E. Thomas, Alun *John, Subina	Ffestiniog County Secondary Aberdare County Secondary Cyfarthfa County Secondary,
Pritchard Sir Alfred Jones	30 25	Morgan, Catherine L. Jones, Charles E.	Merthyr Ystalyfera County Secondary Pontardawe County Secon-
Dr. David Thomas	25	Harris, Ronald H.	dary Cathays Boys' County Secon- dary, Cardiff
Commercial Travellers	20	Davies, Nansi E.	Gowerton Girls' County Secondary
		(b) Closed Scholars	SHIPS
Thomas Davies	£40	Knoyle, Jean M.	Gowerton Girls' County Secondary
David Morgan Thomas	30	Harries, William G.	Llandilo County Secondary
Dr. John Davies	30	Beddows, Helen M.	Aberystwyth County Secondary
Sir Alfred Jones	25	Roberts, Mair	Carmarthen Girls' County Secondary
Thomas Davies	25	Evans, Alice M.	Vaynor and Penderyn County Secondary, Merthyr
Elizabeth Davies (Brynteifi)	20	Edwards, Olwen E.	Llanelly Girls' County Secondary
Elizabeth Davies (Brynteifi)	20	*Williams, Irfon R.	Aberystwyth County Secondary

# 2. Other Scholarships and Exhibitions were held by the following:-

# (a) Renewed for a Second Year

$(a)$ $\mathbf{N}$	ENEW	ED FOR A	SECOND IEAK
Award		Value	Name of Student
Price Davies		£35	Gawler, Mabel R.
Price Davies		35	Pugh, Sarah A.
Rendel Memorial		25	*Jones, William L.
Commercial Travellers		20	Heywood, Leo J. G.
Mold Eisteddfod		15	Tyrrell, Margaret J.
Rendel Memorial		15	James, Rae
Joseph Thomas		50	*Ellis, Edward L.
R. H. Richards		40	Trevena, David H.
Robert Bryan		30	Davies, John R.
Mynyddog		30	Rolfe, Margaret J.
Joseph Thomas		26	Richards, Arthur R.
David Jenkins		25	Morgan, Edna
David Morgan Thomas		25	*Evans, Gwilym D.
Mynyddog		20	*Jones, David C.
David Morgan Thomas		15	*Davies, Huw T.
Ellis Eyton		10	Edwards, Gwilym A.
Perrott		10	Davis, Phoebe G.

<sup>\*</sup>Awards resumed after absence on National Service.

# (b) RENEWED FOR A THIRD YEAR

Award		Value	Name of Student
Price Davies	 	£35	Griffiths, Brenda M.
Price Davies	 	35	Ware, Charlotte S.
Price Davies	 	35	*Ellis, Dewi M.
Rendel Memorial	 	25	Howells, Jennie
Brereton	 	20	Jenkins, Enid G.
R. H. Richards	 	40	*Davies, Ieuan R.
David Morgan Thomas	 	25	*Evans, John E. B.
Sir Alfred Jones	 	25	*Davies, John Ll.
Sir Alfred Jones	 	20	*Jones, David R.
Sir Alfred Jones	 	20	*Ravenhill, William L. D.
Humphreys-Owen	 	20	Griffiths, Megan (N).
Ellis Eyton	 	10	*Parker, Bertram Ll.

<sup>\*</sup>Awards resumed after absence on National Service.

# (c) Awards for One Year

	Award		Value		Name of Student
Cynddelw			£21		Davies, Eleri E.
Cynddelw		 	10 10	0	Williams, Menai

#### (d) MISCELLANEOUS AWARDS

Sir Henry Jones Memorial Prize

3 Ware, Charlotte S.

# 3. Research Awards were held by the following:-

(a) University Studentships (£150 per annum) Jones, Evan William Williams, Alwyn. Pedler, John L.

#### (b) College Awards

Sir Garrod Thomas Fellowship		Wyatt, Peter A. H.
Francis Scholarship		Jones, Ruth E. A.
Thomas Stephens Scholarship	25	Roberts, Doreen E.
Thomas Stephens Scholarship	25	Mears, John C.

#### IV.—INITIAL DEGREE EXAMINATIONS

S.—Subsidiary. F.—Final. H.1.—1st Year Honours. I.—Intermediate. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

(a) September, 1945

Faculty of Arts S. Economics Allen, Mary Newton I. German, I. Geology Bracegirdle, Brian Carpenter, Sylvia Mary I. Latin Cox, Dorothy Sylvia I. French

Davies, Aneurin I. French Gulwell, Margaret I. Latin Jones, Mary Elisabeth Portman I. German I. German Jones, Morna Morgan

Lewis, Yvonne Doreen Elem. Greek I. German Rees, Agnes Johnston Snell, John Griffiths S. English, S. History, S. Geography,

I. Geology Elem. Greek Williams, Clifford Arthur

# Faculty of Science

I. Botany Parry-Williams, Ann Morna I. Zoology Phillips, Mair Beynon

#### Faculty of Science (Pre-Med., Pre-Pharm., or Pre-Vet.)

Davies, John Adams (External) Hiscox, Harry George Edward I. Zoology I. Zoology Jones, Marie Fursman I. Physics

#### Faculty of Rural Science

Bridge, Clement James Richard I. Zoology Evans, David Hugh S. Agricultural Chemistry

George, Margaret Enid I. Zoology Holmes, Thomas David I. Zoology

James, Gladys Evelyn I. Botany, I. Chemistry, I. Zoology

I. Zoology Lewis, Gerwyn James Oldaker, Kathleen Margaret I. Zoology Slaymaker, John Owen Waterson, Herbert Anthony I. Zoology I. Zoology

#### Faculty of Music

Moore, Gwenda Mary Margaret I. Acoustics

# Pass List of Candidates presented for College Examinations Only.

September, 1945

Roberts, William Ronald Morris I. Botany

# (b) June, 1946

#### Faculty of Arts

Adams, Annie Josephine Harris S. Latin Allen, Barbara Jean S. History

S. Latin, S. English, S. French, Ambrose, Kathleen

S. Philosophy

Askey, George Baker, Beryl Crampton

Beckett, Evelyn Marcia Homer Beddows, Helen Margaret

Bevan, Edythe Joan Bevan, Leonard

Borley, Marguerite Marianne Amelia

Bottel, Eric Malcolm

Bracegirdle, Brian Burge, Margaret Hylene Cairns, Margaret Patricia Mary Carpenter, Sylvia Mary Catherall, Ann

Christopher, Margaret Joan, B.A. Clothier, Beryl Margaret

Curedale, Edwina Ivy Daniel, Esme

Davies, Alun, B.A. Davies, Aneurin

Davies, Beryl

Davies, Dewi Aled Eirug Davies, Eleri Eirug Davies, Elizabeth Davies, Elizabeth Verena Davies, Eurfil

Davies, Hannah Enid Margaret, B.A.

Davies, Huw Tudwal Davies, John Lloyd Davies, John Rhoslyn Davies, Mair Jeffreys Davies, Margaret Eleanor Davies, Marion Davies, Mary Eleanor

Davies, Mary Olwen Davies, Megan

Davies, Ronald William Sefton Davis, Phoebe Gwylan

Edwards, Arthur Bernard

Edwards, Gwilym Arwyn

Edwards, Heulwen Cicely Edwards, Joan Edwards, Nancy

Egrot (nee Harrett), Margaret

S. History, S. Economics, S. Geography

H.1. English, F. History

H. English, II (1) S. French, I. German, S. History,

S. Geography

H. Welsh, II (1) S. English, S. History, S. Economics, S. Geography

S. English, S. French, S. Economics

S. English, I. French, S. History, I. Philosophy

H.1. Economics, F. Geography

F. English, I. German, H.1. Economics I. English, I. History, I. Philosophy

H.1. History

I. English, I. French, S. German

H. Geography, III.

F. History, H.1. Geography

Corfield, Alwyn Rosemary F. History, F. Education, S. Economics Coutouy, Yvonne Marguerite Marie H. French, II (1) and Cert. of Oral Proficiency

H.1. History, F. Geography H.1. History, H.1. Economics

H. Philosophy, II (1) H.1. History, H.1. Economics, S. Constitutional Law

S. English, S. German, S. History,

 Philosophy H.1. Welsh, S. Philosophy, S. Education

H. Welsh, II (1)

H.1. English, F. History

H. Geography, II (2) F. English, H.1. Economics, S. Constitutional Law

H. Music, II (1)

S. Constitutional Law

H. Geography, I F. English, H.1. Music F. English F. French, S. Economics

F. Music

I. Latin, S. English, S. Welsh, I. Pure Mathematics

F. English, F. History, S. EconomicsF. English, H.1. HistoryS. English, S. History, S. Geography

F. English, F. French

I. French, S. History, S. Geography,

I. Geology

H.1. History, S. Economics, S. Constitutional Law

H. Welsh, II (2)

F. English, S. Economics

H. Welsh, II (1)

F. Latin

Olga, B.A.

Ellis, Dewi Morudd Ellis, Edward Lewis Emlyn-Jones, Nona

Evans, Afona Mary

Evans, Catrin Enid Nightingale Evans, David Donald Bonnell

Evans, Dorothy Margaret

Evans, Dorothy May Evans, Enid

Evans, Inez Pamela

Evans, John Rhystyd Evans, Llinos

Evans, Gwyn

Evans, Margaret Gwendoline Evans, Margaret Gwendoline (Llanilar)

Evans, Mary Eira Evans, Muriel Bowen

Farmer, Lorna Mary Gawler, Mabel Rosina Gough, Constance Griffiths, Anne Jane Griffiths, Elsie Jeanne Griffiths, Mair Griffiths, Mair Margaret

Griffiths, Margaret Violet Gulwell, Margaret Gwynne, Gruffudd Eilydd Harding, Olive

Harries, Anna Elizabeth

Harries, Mairwen Harries, William Gerallt

Harris, Eunice Harris, Margaret Harris, Ronald Henry

Harry, Mary Gwynneth Hawkins, Cynthia Elizabeth Barbara

Herriman, Elizabeth Mary

Heywood, Leo James Glynne Hopkin Gwyneth Mary Howells Jennie Hudleston Barbara Hughes, Bronwen Rosemary Hughes, Elizabeth Beryl Hughes, Elwyn

Hughes Joan Mary

F. French

H.1. History, F. Geography

H. German, II (1)

I. German

I. German

S. History, S. Education, H.1. Economics S. Latin, S. English, S. French,

S. Philosophy F. English, F. French, S. German I. Latin, S. French, S. History

S. History, S. Economics, S. Constitutional Law, S. Geography

S. Latin, S. History, S. Geography I. Geology

S. Economics

H. English, II (2)

H. Welsh, II (2) S. Welsh, S. Music

H. History, II (1) S. English, S. French, S. History, S. Economics

F. French, H. German, II (1) F. English, F. French

H. Geography, III H. Welsh, II (2)

F. English, F. French F. French, F. Education I. English, S. Welsh, S. Geography, I. Geology

F. English, S. Education, F. Music

F. Welsh, F. French

F. German

I. German, S. History, S. Economics, S. Geography

S. English, S. French, S. Economics, S. Geography

F. English, F. Education

S. English, S. Welsh, I. German, S. Geography

F. English, H.1. German

S. Greek, F. Latin, H.1. Welsh S. English, S. French, S. Economics, S. Geography

F. Latin, F. Education S. English, H. French, III and Certificate of Oral Proficiency

S. English, I. French, S. History, S. Economics

F. English, F. French

S. History, I. Music

H. Welsh, I

I. Philosophy, I. Art S. English, I. French, S. Music F. Education

S. English, I. German S. History S. Geography

H. History II (1)

Hughes Mary B.A. Hughes Nancy

Hughes, Ursula Cerrie Humphreys, Elizabeth Mary

Humphreys, Mary Ellen Hutton, Dorothy Mary Jacobs, Bertha Mary James, Elizabeth Imogen

James, Kenneth Ian James, Margaret Annie Mary

James, Rae

Jenkins Enid Gwyneth John, Gwyneth Pamela

John, Subina

Jones, Audrey Mary Jones, Barbara Iolen

Jones, Catherine Glyn Jones, David Charles Jones, David Howell Jones, David Ronald Jones, Dilys Ivor

Jones, Dorothy Eileen Gray Jones, Dorothy Margaret Jones, Edward Aneurin Jones, Gwenllian May Jones, James Hywel Jones, Kenneth

Jones, Louisa

Jones, Margaret

Jones, Mary Elisabeth Portman Jones, Morfudd Davies

Jones, Muriel Gladys Jones, Myra

Jones, Nia Wynn Jones, Olwen Mair

Jones, Peter

Jones, Sarah Eurwen Sophia Jones, Thomas Edward Ellis Kear, George Osmond Ladbrooke, Mervyn Arthur Lamb, Robert Thomas Brydon

Laver, Margaret Rowe Lewis, David Hugh Isaac

Lewis, Doris Winifred Anne Lewis, Eleanor Nesta

Lewis, Joan Noltonia

Lewis, Maglona Branwen Lewis, Thomas Kendrick

H. Music II (2)

H. Music, II (1) F. Latin

I. German, I. History, I. Philosophy I. English, S. Welsh, S. Philosophy

H.1. Geography

H. Geography, III
S. English, S. French, S. Philosophy

F. English, H.1. Geography

H. Geography, II (1) F. English, H.1. German, F. Philosophy

H. English, II (1)

F. English, F. French I. English, S. French, S. History S. Education

F. English, F. History I. German, S. Philosophy,

H.1. Economics

H. French, I

F. English, S. Welsh, F. Music S. Latin, S. English S. Philosophy S. Economics

H. Welsh, II (2)

I. Latin, S. English, S. French, S. History

H. French, II (2)

I. Welsh

H.1. GeographyI. Latin, S. Welsh, S. PhilosophyS. English, S. French, S. Economics, S. Geography

S. French, S. History, S. Education, S. Music

S. English, S. Welsh, I. Music

S. German

I. English, I. German

F. Latin

H. English, II (1)
I. Philosophy, S. Economics,

S. Geography S. English, S. Welsh, I. History, S. Music S. English, I. History, I. Philosophy, S. Geography

I. Welsh, I. Music

I. Latin, S. English, S. History F. History, H.1. Geography I. English, I. History

H.1. History, S. Economics, F. Geography

H.1. English, F. History S. English, S. French, S. German, I. Geology

H. Pure Mathematics, II (1) F. Latin, F. English, S. Education

S. English, I. French, S. History,

S. Economics I. English, I. History

S. French

Lewis, Yvette Mona Richards Lewis, Yvonne Doreen Llewelyn John Edward

Llewellyn, Alice Mary

Lloyd, Betty Lloyd, Olwen Annie

Lloyd, Thomas Griffiths Lott, Marjorie Edith

Maddocks, Gwendoline Mary Matthews, Selwyn Meads, Dorothy Morgan, Edna Morris, Robert Thomas Moseley, Mary Elizabeth Gwen-

Murphy, John Alexander

Nicholson, Hilary Margaret

Owen, Anna Elinor Owen, Mabel Moreton Owen, Marion

Palmer, Barbara Muriel Parry, Winifred Nest Parsons, Roland Paton, Annie Muriel Jean Pennington, Stella

Phillips, Dorothea Melisande Elizabeth Gwenllian Phillips, Joan Rowlands

Phillips, Margaret, B.A. Pickering, Sheila Rhiannon Powell, Olive

Price, David Ivor

Prothero, David Kempton Curtis Prytherch, Peggy Pugh, Evan Owen Pugh, Sarah Aurona Rees, Agnes Johnston Rees, Gwyneira Rees, Margaret Elizabeth Gwenda Reynolds, Elizabeth Susannah Richard, Mai Richards, Eirwen Richards, Eluned Morgan Richards, Joan Roberts, Agnes Freda Roberts, Eluned Roberts, Mair

Roberts, Oliver

S. Latin, S. English, S. French, I. German F. Latin, H.1. English, I. Philosophy

S. Latin, S. English, S. French, S. Philosophy

H. French, II (1) and Certificate of Oral Proficiency

S. English, F. History, H.1. Economics H. French, II (1) and Certificate of Oral Proficiency

H. Welsh, II (2)

H. French, I and Certificate of Oral Proficiency

I. Latin, S. English, S. French, S. Music S. English, S. History, S. Geography S. English, S. French, S. History

F. English, H.1. Music H. Economics, III

H. German, III

hwyfar

F. English, H.1. Economics,

S. Constitutional Law S. English, S. French, S. Pure Mathematics, I. Applied Mathematics H.1. English, F. French, H.1. Philosophy

I. English, I. Welsh

Elem. Greek, S. Latin, S. History, S. Music

S. Latin, I. English, S. French, I. German I, Greek, F. Latin

H. Geography, II (2) I. French, I. Geology F. English, H.1 History

S Latin, S English, S French, S. Philosophy

S. English, I. French, I. History, I. Philosophy

H. Welsh, II (1) H. English, II (2)

H.1. Geography I. French, I. History, S. Economics, S. Geography

H. English, II (1) H. Welsh, II (2)

S. Welsh, S. Constitutional Law

F. Latin, F. French

I. Philosophy, S. Economics F. English, S. Economics, F. Geography F. English, F. French

F. English, H.1. German I. English, I. French, S. Music

S. History, S. Economics, S. Geography I. English, I. French, S. German

F. Philosophy, F. Economics

H. Geography, II (1) F. English, S. Philosophy

S. Latin, S. English, S. French, S. Philosophy

F. English, F. History

Roberts, Rachel

Roberts, Robert Glyn Rogers, John Milton Davies, B.A. Rolfe, Margaret Joan Rossiter, Jean Keys

Rowlands, Anita Mary Roylance, Leslie

Rush, Olwen Evans Ryan, Gladys Miriam Scoble, William Alban David Simmonds, Kendal Gordon Snell, John Griffiths Snook, Hilary Soo, Iris Stainforth, Anita Stewart Steele, Valerie Elizabeth

Stevens, Margaret Rosina Ann

Stone, Alan Graham Sulston, Linda Dorothy Addie Thomas, Eirwen Thomas, Elizabeth Mary

Thomas, Emily Margaret

Thomas, Emma Newton

Thomas, Gwynfor Llefelys

Thomas, John Haywood Thomas, Josephine Parry

Thomas, Mair Lloyd

Thomas, Margaret Eirianon Thomas, Margaret Maurine Thomas, Mary Elizabeth Megan Thomas, Muriel Michaela Anne Austin

Thomas, William Vernon Elias Thornton, John

Timothy, Mydrim Lewis Tingle, Mary Honora

Tyrrell, Margaret Jean Wainwright, Patrick Ware, Charlotte Stephanie Webber, Hilary Mary

Webster, John Roger West, Sheila Margaret White, Joan Augustus Whittaker, Wendy May I. English, I. French, I. Philosophy,

S. History, S. Economics

H. Geography, I

H.1. Welsh, H.1. Music

I. English, S. French, S. Geography, Geology

S. Greek, F. Latin I. English, S. French, S. German, Philosophy

F. English, S. Philosophy

H.1. German

S. Latin, I. English, S. French

I. English, S. German, S. Economics

F. History, H.1. Geography

H.1. English, F. French, I. Philosophy

I. English, I. German, I. History F. History, H.1. Geography I. Philosophy, F. Economics,

F. Geography S. English, S. French, S. Geography,

I. Geology S. History, S. Economics, S. Geography I. English, I. French, I. Art

H. English, II (1)

S. English, S. French, I. German, S. History

S. English, S. Welsh, I. German, S. History

S. Latin, S. English, S. French, S. Philosophy

I. English, I. French, I. History, Geology

F. English, H.1. Philosophy

S. English, S. History, S. Economics, S. Geography

I. English, I. German, I. History, I. Philosophy

S. Latin, S. English, H.1. Welsh

H.1. Welsh, H.1. Geography

H. Music, I

I. English, I. French, I. History, I. Philosophy

F. English, H.1. Economics

S. English, I. French, S. German, S. History

S. Welsh, S. Geography, S. Geology S. English, I. French, S. History,

S. Education

I. Greek, F. Latin

I. Welsh

H. English, I

S. English, S. French, I. History, I. Philosophy
I. English, F. History, H.1. Geography
S. English, S. French, S. History

F. English, H.1. Geography

S. History, S. Education, S. Economics, S. Geography

Williams, Brinley

Williams, Clifford Arthur

Williams, Derek

Williams, Geoffrey Harold Williams, Havdn Murray

Williams, Irfon Rhys

Williams, Jean Margaret Williams, Joan Hydon Williams, Mary Olive Williams, Menai, B.A. Williams, Morfydd

Williams, Neville Murray

Wilson, Mair Annette Wright, Harold Edward Wynn, John Barrie

Bassett, Douglas Anthony

Beach, Sydney Alfred

Beer, Michael King (External) Bicknell, Kathleen Joyce Bonugli, Mary Alice Brown, Elizabeth Margaret Buck, Muriel

Capel, Barbara Jean Clark, Gilbert Winston Cooke, Ronald James

Cuffin, Mary Brenda Davenport, Thomas Charles Davey, Joan Louise Davies, Annie Elizabeth Davies, Betty Matthews Davies, Brenda Davies, David Islwyn

Davies, Eira Francis Davies, Elizabeth Ann Davies, Margaret Davies, Marianne

Davies, Mary Joyce Walters Davies, Stephen Gethyn
Durant, Kenneth John
Edwards, David Hugh
Edwards, Eurwen Edwards, Olwen Eirian Evans, David George

S. History, S. Economics, S. Constitutional Law, S. Geography
F. History, H.1. Philosophy,
S. Economics

I. English, S. History, S. Geography
H.1. English, F. History
S. English, S. History, S. Economics,
S. Geography
S. English, S. Welsh, S. History,
I. Delicensky

I. Philosophy
F. History, S. Economics
H. German, III
F. English, H.1. Geography

H. Welsh, I
I. English, S. Welsh, S. German,
S. History
S. Latin, S. English, I. French,

S. History

I. English, I. History, I. Geology
S. French, S. Philosophy, S. Education
I. English, I. French, I. German,
I. Philosophy

Faculty of Science
S. Pure Mathematics, S. Geography,

S. Geology S. Pure Mathematics, S. Applied Mathematics, S. Physics

F. Pure Mathematics S. Geography, S. Botany, S. Geology I. Chemistry, I. Zoology, I. Botany

S. Economics

I. Pure Mathematics, S. Geography,

S. Geology
I. Zoology, I. Botany, I. Geology
S. Economics, I. Physics, F. Zoology
S. Pure Mathematics, S. Applied Mathematics, S. Physics.

H. Chemistry, II (2)

H.1. Physics
S. Physics, H.1. Chemistry
H. Geography, III
I. Geology

S. Education, S. Economics, F. Botany

I. Pure Mathematics, S. Geography, S. Geology

S. Chemistry
S. Zoology, F. Geography, S. Botany
S. Chemistry, I. Zoology, S. Botany
S. Pure Mathematics, S. Applied

Mathematics, S. Applied
Mathematics, S. Physics.
S. Geography, S. Botany, F. Geology
S. Economics, S. Geology
S. Chemistry, S. Zoology, S. Botany
H. Physics, I
S. Zoology, S. Geology
S. Zoology, S. Botany, S. Geology
H. 1. Chemistry

H.1. Chemistry

Evans, Glenis Sybil Sarah Alice Evans, Hilda Evans, Joan Margaret Cynthia Godsall, Leonard George

Goodman, Gordon Terence Grant, Elfryn Wynne Gravelle, Iwan Huw Griffith, Thomas Ceiri Griffiths, Aneurin Laurence Ellis Griffiths, Megan Gwynne, Emrys

Hayman, David Alan Henton, Melbourne Hewitt, Ruth Mary Humphreys, Janet Auburn James, Mary Gaynor Jehu, Llewelyn Hudson Jenkins, Annie Ceridwen Jenkins, Eleanor Mary Jenkins, Ivor Lloyd, B.Sc. John, Thomas Urias Johns, Colin Mansel

Jones, Albert Leonard Jones, Catherine Elizabeth Jones, Charles Eurwyn Jones, Eirlys Jones, Enid Gertrude Mary

Jones, Glenys Rhiannon

Jones, Ivor Joseph

Jones, John Humphrey Jones, John Humphrey

Christopher Jones, Mary Lilian Elizabeth

Jones, Megan Llewelyn Jones, Monica Hope Jones, Thomas Griffith Jones, William Humphrey Jones, William Livesey Jones, William Meirion Knowles, Maurice Frank

Knoyle, Jean Mary Hinton Lane, Gwyneth Margaret Lane, Patrick

Lewis, Aileen Lewis, Arthur Beesley

Lewis, David Gareth Price

Lewis, Joyce

Lewis, Rosamond Mary Littledyke, Moreen

F. Geology

F. Pure Mathematics, H.1. Physics

S. Geography, I. Botany, S. Geology S. Pure Mathematics, S. Applied Mathematics, S. Physics

H. Chemistry, II (2)

S. Economics, F. Geology S. Chemistry, S. Zoology, S. Botany H. Physics, II (1)

S. Chemistry, S. Zoology, S. Botany S. Education, H.1. Zoology

S. Pure Mathematics, S. Physics,

S. Chemistry

H.1. Physics, H.1. Chemistry

I. Zoology, S. Geography, I. Botany S. Chemistry, I. Zoology, S. Botany

H. Zoology, II (1) F. Zoology

H.1. Chemistry, F. Geology

I. Chemistry

H. Chemistry, S. Zoology, H.1. Botany H. Chemistry, II (1) S. Geography, S. Geology S. Economics, S. Pure Mathematics, S. Geography

H. Chemistry, I S. Economics

S. Zoology, S. Botany, S. Geology F. Zoology, F. Botany

H.1. Chemistry I. Chemistry, I. Botany

S. Pure Mathematics, S. Physics, S. Chemistry

I. Zoology, S. GeologyS. Pure Mathematics, S. Applied Mathematics, I. Physics

H.1. Geography

H.1. Zoology, H.1. Botany S. Zoology, I. Botany

F. Pure Mathematics, H.1. Physics

H.1. Zoology, F. Botany H.1. Economics, H.1. Geography H.1. Chemistry, F. Botany

I. Pure Mathematics, I. Physics, S. Chemistry
S. Chemistry, S. Zoology, S. Botany
S. Zoology, S. Botany
S. Economics, S. Pure Mathematics,

S. Geography

H.1. Zoology, F. Botany

S. Pure Mathematics, S. Applied Mathematics, S. Physics

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Pure Mathematics, H.1. Applied Mathematics

I. Chemistry, S. Botany

I. Chemistry, S. Zoology, S. Botany

Llewelyn, William David Lloyd, Barbara McChesney, Glyn Melrose McClelland, James Charles Marriage, Peter Antony

Marsh, Hettie Mason, David Rhys (External)

Mobberley, William Eric

Morgan, Catherine Lorraine Morgan, Dyfrig Gruffydd Morgan, Thomas Meirion Morris, Dorothy Margaret Morris, Norman Nancollas, George Harvey

Owen, Joan Hazel Owen, John Desmond Owen, Wyndham Gethin Paris, Brenda Muriel Miriam Pattimore, Dorothy Yvonne Perry, Muriel Mary Phillips, Mair Beynon Phillips, Myrddin Lewis Pickton, Graham Gordon Piper, Harry Powell, Henry Thomas, B.Sc. Powell, William George

Pyrah, Patrick Frank Rawlins, Cuthbert Kenneth Rees, George Rees, John Alun Reynolds, Moyra Richards, Arthur Raymond

Roberts, Joan Mary Wynne, B.Sc. Roberts, Mair Waldo, B.Sc. Roberts, Marion Iola

Roberts, Philip Alan Roberts, William Elwyn

Robinson, Isaac Charles Harold

Rogers, Anna Rogers, Francon

Scott, Joyce Silburn, Robert John (External) Smart, Mary Kathleen Stringer, Barbara Sweetman, Jocelyn Mary

Thomas, Alun

S. Chemistry, I. Zoology, S. Botany H.1. Zoology, H.1. Botany

F. Physics

H. Geography; II (1)

H.1. Pure Mathematics, H.1. Applied Mathematics

S. Economics, S. Geography, S. Geology F. Pure Mathematics, F. Applied

Mathematics I. Pure Mathematics, I. Applied

Mathematics, I. Physics I. Zoology, S. Geography, S. Botany S. Chemistry, S. Zoology, S. Botany H.1. Physics, H.1. Chemistry

S. Chemistry, S. Zoology, S. Botany F. Pure Mathematics, H.1. Physics

S. Pure Mathematics, S. Physics,

S. Chemistry I. Zoology

H. Geography, II (2)
S. Chemistry, S. Zoology, S. Botany

H. Zoology, III S. Zoology, S. Geography, S. Botany S. Zoology, F. Botany

I. Chemistry, I. Zoology, I. Botany I. Physics, S. Geography, S. Geology S. Chemistry, S. Geography, S. Geology

H. Botany, I

S. Pure Mathematics, S. Applied Mathematics, S. Physics

F. Pure Mathematics, H.1. Physics F. Chemistry, S. Zoology, S. Botany I. Pure Mathematics, I. Physics

F. Mathematics, F. Physics

H. Botany, II (2) H.1. Pure Mathematics, H.1. Applied Mathematics

H. Mathematics, II (2)

H. Botany, II (1) S. Pure Mathematics, S. Geography, S. Geology

H.1. Chemistry

S. Pure Mathematics, S. Applied Mathematics, S. Physics

I. Pure Mathematics, I. Physics, I. Chemistry

S. Zoology, S. Geography, I. Geology S. Pure Mathematics, S. Applied

Mathematics, S. Physics

I. Pure Mathematics, I. Geology

H.1. Physics

H. Geography, II (1)

I. Zoology

S. Pure Mathematics, S. Applied Mathematics, S. Chemistry S. Pure Mathematics, S. Applied

Mathematics, S. Physics

Thomas, Alun James Thomas, Charles Aubrey Thomas, David Eric Thomas, Gordon Noel

Thomas, Gwynfor Thomas, Sinah Jane

Thomas, Verona Trevena, David Henry Vaughan, Irene Walters, Joan Mary Ward, Margaret Irene Ward, William Russell Williams, Beryl Mary Williams, Doris Evelyn Williams, Henry Gwyndaf Williams, Iorwerth Williams, Megan Briall Williams, Richard Hall

Williams, Robert Gwilym

S. Zoology, S. Geography, S. Geology S. Physics, S. Chemistry

H. Physics, I

S. Pure Mathematics, S. Applied Mathematics, S. Physics H.1. Chemistry, H.1. Botany

S. Pure Mathematics, S. Chemistry,

S. Geology

H.1. Zoology, H.1. Botany

F. Pure Mathematics, H.1. Physics H.1. Zoology, H.1. Botany

H.1. Economics, F. Geography

S. Economics, S. Geography, S. Botany

S. Pure Mathematics

S. Chemistry, S. Zoology, S. Botany H.1. Economics, F. Botany

I. Physics, I. Chemistry

H.1. Zoology, H.1. Geography

H.1. Botany

H.1. Economics, H.1. Geography, F. Geology

H. Geography, II (2)

# Faculty of Science (Pre-Medical, Pre-Pharmacy, Pre-Veterinary, or Pre-Architecture)

Davies, John Adams (External) Hiscox, Harry George Edward Jones, Marie Fursman Martin, Gwyn

McPherson, John James Donald

Morris, Peter Lloyd Rees, David Victor Herbert

Richards, John Thomas, Einydd Trefor, John

Wiernik, Ingeborg Ruth

I. Physics

I. Physics

S. Chemistry, S. Zoology

I. Physics, I. Chemistry, I. Zoology, I. Botany

I. Physics, I. Chemistry, I. Zoology, I. Botany

I. Geology, I. Art I. Physics, I. Chemistry, I. Zoology, I. Botany

I. Chemistry, I. Botany

I. Chemistry, I. Zoology, I. Botany I. Chemistry, I. Zoology, I. Botany

I. Physics, I. Chemistry, I. Zoology

Faculty of Rural Science

Alabaster, John Stammers

Alexander, Sydney Charles

Barling, David Mansel, B.Sc. Batchelor, Jeanne Isobel Bennett, Richard John Bevan, Edward Alan Bridge, Clement James Richard

Caukwell, Vivien Gwen

Clark, Michael Francis

Coley, Kenneth Ernest Hague Corne, Robert

S. Agriculture, S. Agricultural Botany, S. Zoology

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

H. Agricultural Botany, II (1)
I. Chemistry, I. Zoology
I. Chemistry, I. Zoology
F. Agriculture, S. Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

F. Economics with Agricultural Economics

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

I. Chemistry

I. Chemistry, I. Zoology

Crowle, Kenneth

Cullen, Anthony Desmond

Dahat, Sadashiv Marotrao, B.Sc.

Davies, David Thomas

Davies, Ieuan

Davies, John Howard Davies, Trevor Gordon Davies, William Thomas Teify Devonald, Vivian George

Dubuis, Marguerite Elizabeth Edwards, Edward Hugh Lewis

Edwards, John Delme Edwards, Rhys Alan

Enoch, Ivan Claude

Evans, Alice Margaret

Evans, David Hugh

Evans, Mary Jane Theophilus Evans, Thomas Arthur, B.Sc. Evans, William Gordon

Eyres, Robert Gordon Francis, Geoffrey Higgs Gardner, Howard Stuart Gardner, Sheila Ann Gale George, Margaret Enid

Gillham, Mary Eleanor Ginnever, Oswald Robert

Godsell, Thomas Ernest

Green, Doris Audrey

Griffith, Alison Ruth Griffiths, Ellis

Gruffydd, Meinir Harberd, David James

Harris, James David Angell

Hasberry, Basil Joseph Higgins, Graham McLean S. Agriculture, S. Agricultural Botany, S. Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Econ-

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Econ-

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

F. Agriculture, S. Agricultural Botany, H.1. Botany

I. Botany, I. Chemistry

I. Physics

1. Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics I. Botany, I. Chemistry, I. Zoology

F. Agriculture, H.1. Chem. with Agricultural Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture, H.1. Economics with Agricultural Economics

I. Botany, I. Zoology

H. Agricultural Botany, II (2) F. Agriculture, S. Agricultural Botany, H.1. Botany

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry, I. Physics I. Botany, I. Chemistry, I. Physics

I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Botany, F. Botany
I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Econ-

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

S. Agriculture, S. Agricultural Botany, I. Zoology

I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Botany, H.1. Botany

S. Agricultural Botany, S. Botany

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

F. Agriculture, S. Agricultural Botany, F. Botany

I. Botany, İ. Chemistry, I. Zoology

I. Botany, I. Chemistry

Holmes, Thomas David

Howells, John Cecil

Hughes, Harold Victor

Hughes, Robert Bryan

Hughes, Roy Imhof, John Arthur James, Gladys Evelyn

James, Joan Corbetta James, Marion Elizabeth

James, Phyllis Mary

Jenkins, David Joseph Wynne Jenkins, David Peregrine Jenkins, John Ellis Erasmus

Jenkins, William Lloyd

Jennings, Derek Leonard Jones, David Hemmingway Jones, Gerald Lloyd

Jones, John Dewi

Jones, Keith

Jones, Richard Evan Jones, Thomas Griffiths, B.Sc.

Jones, William David Gwynn Lazenby, Alec

Lewis, Dyfed

Lewis, Elizabeth Lewis, Gerwyn James

Lewis, Gwilym John Lewis, John Robert Lewis, Joseph

Lloyd, David Hanbury Loughman, Brian Crayford

Maddox, John Mortimer Marks, Gwynfryn Ellis

Matthew, Jean Elizabeth

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Botany, F. Economics with Agricultural Econ-

F. Agriculture, F. Chemistry with Agricultural Chemistry, S. Agricultural Economics

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

H. Agricultural Botany, II (1)

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany

I. Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agriculture, S. Agricultural Botany, S. Zoology

I. Botany, I. Zoology

S. Agricultural Chemistry

F. Agriculture, S. Agricultural Botany, H.1. Botany

F. Agriculture, S. Agricultural Botany, Chemistry with Agricultural Chemistry

I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural ChemistryS. Agriculture, S. Agricultural Botany,S. Zoology, I. Geology

F. Agriculture, S. Agricultural Botany, Chemistry with Agricultural Chemistry

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

F. Agriculture, S. Agricultural Economics H. Economics with Agricultural Econonomics, II (1)

I. Chemistry, I. Physics

S. Agriculture, S. Agricultural Chemistry, I. Botany

H. Chemistry with Agricultural Chemistry, I

S. Agricultural Botany

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Zoology

H. Agricultural Botany, II (2)

I. Botany, I. Chemistry

H. Chemistry with Agricultural Chemistry, I

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

Messing, Janusz Henryk Leon

Misra, Brundaban, B.Sc.

Mojzesowicz, Zbigniew

Morgan, Dennis Edwin Morgan, John Toriel

Morgan, Keith Edgar Morgan, Thomas Bryan Morgans, Rowland

Morrin, Ian William Morris, Philip John (External) Nangle, Mary Josephine Oldaker, Kathleen Margaret

Osborne, Alan

Owen, George Gordon, B.Sc.

Parr, William Henry

Phillips, Winifred Maisie

Pinner, Robert Hans (External) Plews, Harry Powell, Morgan Tudor Thomas Price, Owen Thomas Williams, B.Sc.

Pryor, Nigel John Robinson, Jill a Court Rock, Edward Peter

Rock, John Denys Rook, John Allan Fynes

Rowlands, Hazel Elizabeth

Sadd, Joseph Edward William

Seaton, Richard Dennis

Shende, Rambhaoo Motiram, B.Sc. Simpson, Christopher John Harry

Slaymaker, John Owen

Spencer, Douglas Malcolm

Stephens, Marie Noel

S. Agriculture, S. Agricultural Chemistry, S. Chemistry

S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

F. Agriculture, S. Agricultural Botany, F. Chemistry with Agricultural Chemistry

I. Botany, I. Chemistry, I. Physics

H. Chemistry with Agricultural Chemistry, II (1)

S. Agricultural Chemistry, I. Botany

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

I. Chemistry, I. Physics

I. Chemistry

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Zoology

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

H. Agriculture, II (2), S. Agricultural Zoology

F. Agriculture, S. Agricultural Botany, H.1. Chemistry with Agricultural Chemistry

H. Zoology including Agricultural Zoology, II (1)

F. Chemistry with Agricultural Chemistry

I. Zoology
I. Chemistry, I. Zoology

H. Economics with Agricultural Economics, II (1)

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry, I. Zoology F. Agriculture, H.1. Chemistry with Agricultural Chemistry

I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Botany, H.1. Chemistry with Agricultural Chemistry

S. Agriculture, S. Agricultural Botany
I. Chemistry, S. Zoology

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agriculture, S. Agricultural Chemistry, S. Botany

S. Agricultural Chemistry, S. Economics S. Agriculture, S. Agricultural Botany,

S. Zoology
S. Agriculture, S. Agricultural Botany,
S. Botany

S. Agriculture, S. Agricultural Chemistry, I. Botany

H.1. Agriculture, S. Agricultural Botany, F. Zoology including Agricultural Zoology Sullivan, Gordon David

Swalwell, Joseph Gordon Thomas, David Glyndwr Millewis Thomas, Paul Rhys

Thomas, Robert Llywelyn

Thomas, William David Bryn Townrow, Barbara Welburn

Walters, Martha Eleanor Waterson, Herbert Anthony

Watkins, Richard Henry Weston, Vivien John

Wheeler, Emily Dorothy

Williams, Evan Lewis Williams, Gwynn Lloyd, B.Sc.

Williams, Huw Llewelyn Williams, Hywel

Williams, James Brynley Wrench, Anthony John

S. Agriculture, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Botany

H. Agricultural Botany, II (2)

S. Agriculture, S. Agricultural Botany, S. Zoology

S. Agricultural Botany, S. Agricultural **Economics** 

S. Agriculture, S. Agricultural Botany

S. Agriculture, S. Agricultural Chemistry, S. Botany

I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

S. Agriculture, S. Agricultural Botany, S. Botany

I. Botany, I. Chemistry, I. Zoology

H. Agriculture, II (1), S. Agricultural Economics

I. Botany, I. Chemistry, I. Zoology

H. Chemistry with Agricultural Chemistry, II (1)

S. Economics I. Botany

### Faculty of Law

Davies, Francis John Keith

Davies, Glyn Howell Evans, Gwilym Dylan

Evans, John Owen

Evans, Roland David Wynton

Glencross, Ralph Howells, Richard William Lawson

Hughes, Hywel Ellis

Hughes, John Gwyn James, Barbara Challice James, John Frederic Wallis

Jones, Tegid Owen

Leyshon, Graham Trevor

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. I Constitutional Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Honours Law, II (1)

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law Honours Law, II (2) Honours Law, II (1)

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. II Roman Law, Pt. II Common Law,

Pt. II Land Law

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Mangan, Anna Amabel

Oliver, Benjamin Rhys

Platt, John Frederick Ashworth

Prydderch, Gwilym, B.A.

Rees, Breuan Morgan

Roberts, Hugh Eifion Pritchard

Smith, Graham Lennox

Williams, Ieuan

Pt. I Criminal Law, Pt. I Contract and

Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. I Criminal Law, Pt. I Contract and Tort

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. I Constitutional Law, Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Thomas, David Montague Skidmore Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. III Mercantile Law, Pt. III Conveyancing, Pt. III Jurisprudence, Pt. II Roman Law

# Faculty of Music

Moore, Gwenda Mary Margaret

S. History of Music, S. Theory of Music (including composition)

# Pass List of Candidates presented for College Examinations Only

1. Dairy Students

(a) The following students have been awarded the College Certificate in Dairy-

James, Rachel E. Metter, Georgina M. M. Pemberton, Pearl I.

Thomas, Evelyn Wolfenden, Sheila

(b) The following students have been awarded the College Diploma in Dairying:

Bromley, Cicely Evans, Margaret Gibb, Dorothy Griffiths, Gertrude Harvey, Stella Hooper, Sally Hughes, Terry Jones, Rena lov, Maureen

Owens, John Pritchard, Barbara Riggs, Iris Rosser, Hilary Stockley, Eileen Thomas, Eileen Thomas, Olwen Wigley, Annie Williams, Harriet

2. College Certificate in Biblical Studies The following have qualified for the College Certificate in Biblical Studies:—

#### Class I

Lewis, Helena

Griffiths, Megan, B.A. Lewis, Nellie Jane, B.A. Morgan, Mari Averina, B.A. Slater, Florence Nellie, B.Sc.

#### Class II

Bowen, Hannah, B.Sc. Davies, Emily Olivia, B.A. Hughes, Iona Vivien, B.A. Lewis, Mari, B.A. Morgan, Heulwen Mills, B.A.

# HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff :-

Degree of M.A. Irene Ellis, B.A.

David Caradog Jones, B.A. Clive Dilwyn John Trott, B.A.

Degree of M.Sc.

Ethel Rose Payne, B.Sc. David Samuel Prosser, B.Sc. Mair Roberts, B.Sc. (Reading) Watkin James Thomas, B.Sc.

Cyril Edwin Noel Watts, B.Sc.

Degree of Ph.D.

Edith Annie Lewis, M.Sc. George Ronald Richards, B.Sc.

Degree of D.Sc.

Hywel Oliver Jenkins, Ph.D. Frederick Elston Jones, M.Sc. James Ivor Morgan Jones, M.Sc. Department

Geography and Anthropology Philosophy

Geography and Anthropology

Geography and Anthropology Geography and Anthropology Agriculture

Economics with Agricultural **Economics** 

Education

Botany Physics

Chemistry Chemistry Chemistry

#### VI. EXAMINATION FOR TEACHERS' DIPLOMA AND CERTIFICATE, 1946

#### University Diploma in Education

#### CLASS II

Allen, Mary Newton, B.A. Bowen, Hannah, B.Sc. Davies, Dorothy Ray Gurnosa, B.A. Davies, Emily Olivia, B.A. Davies, Rachel Mary, B.A. Edwards, Audrey Elizabeth, B.Sc. Edwards, Lynn, B.Sc. Evans, Gwenllian, B.A. George, Yvonne Suzanne, B.A. Griffiths, Margaret Elizabeth, B.Sc. Griffiths, Megan, B.A. Hughes, Iona Vivien, B.A. Jones, Margaret Elizabeth Glennys,

B.A. Jones, Meiriona, B.A. Kendall, Reginald James, B.A. Lawson, Brenda Mary, B.A.

Lewis, Mari, B.A. Lewis, Nellie Jane, B.A. Morgan, Heulwen Mills, B.A. Morgan, Mari Averina, B.A. Peters, David Ronald, B.A. Protheroe, Ralph Mansell, B.A. Reddin, Eileen May, B.A. Rees, Olwen Marjorie, B.A. Slater, Florence Nellie, B.Sc. Thomas, Beryl Elizabeth, B.A. Thomas, Frances Anne, B.A. Thomas, Kathleen Elizabeth, B.Sc. Thomas, Thlema, B.Sc. Williams, Emlyn James Thomas, B.A. Williams, Owen, B.A.

# MINISTRY OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:-

> Davies, Dorothea Maud, B.A. Tuck, Olwen Mary Winifred

#### DEPARTMENTAL REPORTS

#### CLASSICS

#### Professor E. D. T. Jenkins

The Department has been pleased to welcome back three members of its Staff after years of War Service. Mr. L. N. Wild became available at the beginning of Session, Dr. H. J. Hopper returned six weeks later, while Mr. A. Hudson-Williams rejoined us in January. In the meantime, the appointment of Mr. T. I. Ellis, temporary Assistant Lecturer since October, 1941, lapsed on 30th June, and I now take the opportunity of expressing my sincere appreciation of the whole-hearted help which he gave and in particular of the interest which he took in the students under his charge and their needs.

The number of students in the Department offering Latin was appreciably lower than in the preceding Session, while the number taking Greek was much the same. It is gratifying to record that last year's high percentage of passes has been improved on in the examinations this June, and that for

the second year in succession there were no failures at the Final stage.

Two ex-servicemen returned to the Department at the beginning of March after absences of five and six years respectively, and one of these bids

fair in due course to attain high honours both in Greek and Latin.

I wish to refer briefly to two matters of considerable interest to students of Greek and Latin in the University. The first is that proposals are now on foot for making uniform in all four Colleges the standard of Intermediate Greek and the second that a scheme has recently received final approval which makes it possible for a candidate for an M.A. degree in Classics to secure the same after examination—this as an alternative to the ordinary method by way of thesis.

Before concluding this report, I may be permitted to congratulate warmly Mr. Eric Evans, a former student of the Department, with a distinguished record in Classics both here and at Oxford, who within the past year has been appointed Registrar of our University.

#### Publications

Professor E. D. T. Jenkins

Review in *Efrydiau Athronyddol* 1945 of Platon: Ewthuffron. Criton. Cyfieithwyd gan D. Emrys Evans. Gwasg Prifysgol Cymru 1943.

Mr. R. J. Hopper

Interstate juridical agreements in the Athenian Empire. Journal of Hellenic Studies. Vol. LXIII.

#### ECONOMICS AND POLITICAL SCIENCE

#### Professor R. B. Forrester

Progress of Classes. The number of students shows a distinct rise and the period of rapid expansion has begun. The Subsidiary class maintained a reasonable level of performance. The Final class had a good record on the whole and a number of its members will go forward to an Honours class which will next year, if account is taken of returned ex-service men, almost reach the pre-war size. This year's Honours class consisted of three, two of whom took the joint Honours group with Agricultural Economics; both Mr. O. T. W. Price and Mr. Thomas Griffiths Jones took sound and useful degrees. With the return of ex-service men, research for higher degrees has already restarted.

Staff. Dr. Arthur Beacham, Queen's University, Belfast, has been appointed to a Senior Lectureship in the College and has been of great assistance in the rearrangement and readjustment of classes which is taking

place. Mr. Percy George has also been appointed to a Senior Lectureship and this promotion is a valued recognition of the excellent and distinctive work he has carried on both in Economics and Statistics. Mr. John H. Morris has returned from many years of service in India and elsewhere as a Major and has once more taken over his place as economic historian. Mrs. Joan Thomas who has been temporary Assistant Lecturer now leaves the staff and I desire to place on record my keen appreciation of her valuable and capable help in teaching economic history in the war years.

The coming of Professor David Williams has made it possible to reconsider the Welsh economic history options which were so notable a feature of

the Department in the days of Professor E. A. Lewis.

General (a) Mr. Percy George has conducted a special class in Modern Statistical Research Methods designed to meet the particular needs of students, research students and staff in the Departments of Agriculture, Biology, and kindred studies.

(b) The Development Commission will make a special grant to the Department to enable it to carry out an investigation into industries in Welsh Country Towns; this is a parallel investigation to that conducted from

both Oxford and Cambridge.

(c) In previous reports attention has been called to the line of development of social studies in this College. It is obvious that the presence of strong Departments of Economics and Political Science and Law is a sound basis for proposals to meet the needs for trained men and women in the field of Public Administration, including Local Government, Business Administration including Accountancy as well as some development of the work of the Departments of Geography and International Politics in relation to Colonial Administration. The Courses given in other Universities are being examined in the hope that active steps may be taken to develop this side of academic training.

#### Publications

DR. ARTHUR BEACHAM

"Efficiency and Organization" Economic Journal September 1945.

"The Coalfields of Britain" Economic Journal. June 1946.
"The Future of South Wales" Welsh Review. June 1946.

"Nationalisation in Great Britain" Public Affairs. Summer 1946.

#### EDUCATION

# PROFESSOR IDWAL JONES

The work of the Department at the Subsidiary and Final degree stages was conducted on the usual lines, and the standard of attainment of these classes was reasonably good. Mr. C. E. N. Watts, B.Sc., submitted an interesting thesis on "A Comparative study of secondary education in two rural areas considered in relation to (a) the social and economic backgrounds and (b) the educational progress and subsequent careers of the pupils" and was awarded the M.Sc. degree. The subject treated has opened a new and

valuable field of research.

The professional training students, who commenced in September, worked well during the Session and, with one exception, attained their professional qualifications. In order to meet the needs of men demobilised from the Forces and National Service, a parallel course of professional training was inaugurated in January. At the time of writing, the men have returned for a Long Vacation Term: through the courtesy of the Senior Warden and the College Authorities they are housed in Alexandra Hall under the supervision of the Head of the Department. The duplication of all classes, practical activities, and school practice has strained the resources, both academic and

administrative, of an already depleted Department. The ready and loval co-operation of members of the Departmental staff required mention and

Thanks must be expressed to Mrs. Maelgwyn Davies for her invaluable services in school practice supervision to the Ordinary group, and to Dr. Beacham, Mr. E. G. Bowen and Mr. J. I. Platt (through the courtesy of Professor Forrester, Professor H. P. Lewis and Mr. Whitehouse respectively) and Professors Llewelfryn Davies and David Williams for help readily given to one or both groups. To Mr. Pinsent fell a great deal of responsibility in tutoring and supervision, a responsibility which he cheerfully discharged. Directors of Education and Heads of Schools acceded willingly to the requests for further facilities, and the gratitude of the Department is sincere.

The course in Biblical Studies continues to flourish and nine students (four in the First Class, five in the Second Class) qualified for the College Certificate.

The official announcement of the appointment of Dr. George H. Green, Senior Lecturer, as Professor of Psychology and Acting Dean in the Institute of Education, Alexandria, came too late for inclusion in last Session's Report, although he took up duties in Egypt in October, 1945. Dr. Green had given valuable service to the College for a very long period. Another loss to the Department comes in the resignation of Mr. Ifan ab Owen Edwards on his appointment as Director of Extra-Mural Studies after a period of valuable service as Lecturer in the Department. The Department congratulates both on their new appointments.

#### Publications

Mr. A. Pinsent

Educational Values and Secondary School Curricula. Journal of Education. Nov. 1945.

Attitudes, Teaching Methods and Material Cultures. Educational Journal of Education. Jan. 1946.

Educational Research and Publication. Journal of Education. July, 1946.

Synthesis in the University of Wales.

Symposium on 'Synthesis in Education.' Le Play House Press,

Institute of Sociology.

Education for Revolution. An Essay in Psych-Social Dynamics. Le Play House Bulletin. Educational Section Institute of Sociology.

Modern Language Teaching in Wales. Journal of Education. March. 1943.

#### Art and Crafts

ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

Mr. Gapper reports :—

"One-hundred and-ninety-two students were instructed in the Depart-Five followed the Intermediate Art Course. The need ment this Session. of a Subsidiary Course was expressed by several students who wished to pursue the subject further. It is also felt that those who took Art as a subject for their Higher School Certificate are not inclined to take the Intermediate course, and so drop Art altogether during their time at the College, however gifted they may be.

The Intermediate Class was of good average standard. The best work this year was produced by the Fourth Year Professional Training students, but there were several second year students who made promising compositions.

Mr. Scott Nisbett was appointed Assistant in December, 1945 but is not

to be released from the Army until July, 1946.

I was entrusted with the execution of the Memorial at Holyhead for H.M. Submarine Thetis. The querying of the Admiralty fouled anchor symbol led to interesting developments and to the reconsideration and redesigning of this badge by the Board of Admiralty. The Memorial is carried out in Welsh granite from Trevor, Caernarvonshire and slate slabs from ·Corris. The latter carry over two thousand letters."

#### The Craft Gallery

CURATOR: MR. R. L. GAPPER

At the time of writing more than two-thirds of the exhibits stored in the basement during the war have been unpacked and replaced in the Museum. Two small pieces of china were broken in transit out of about 1,500 exhibits and with all discretion, credit must be given to my wife for the packing without whose help I should not have managed the work entailed.

Some patched examples became unstuck due to the cement used deteriorating, otherwise the exhibits are in remarkably good order.

Some time must elapse before each article can be thoroughly overhauled but this should not deter the opening of the Gallery for next Session.

There were no additions during the Session.

#### **ENGLISH**

# Professor Gwyn Jones

This first post-war Session has been in many ways the best the Department has enjoyed since the present Professor came to Aberystwyth six years ago. The Honours class was intelligent and interesting, and at the June examination its quality was fairly represented by the award of a first and five II. I's to six of the eight candidates. At the Final stage 41 out of 44 were successful, and the addition of several ex-servicemen to the First Year Honours class should make for a well-balanced Department next year again. In the large Subsidiary class there were both students of promise and the customary submerged tenth some way below the intellectual poverty line; the Intermediate class on the whole repayed the serious attention given to it. next October the Intermediate syllabus is to be purged of Old English; in its place will be a course on "Comprehension and Appreciation." At the same time the Department has proposed substantial changes in the College entrance examination in English, with a shift of emphasis from the test of memory to the probing of intelligence.

Teaching duties in the Department, though lighter this year, have still been heavy. It will be remembered that during last Session the English staff was by a succession of misfortunes reduced to two. This Session we have had the services of Mr. W. A. Armstrong, M.A. (Sheffield), Ph.D. (Yale), who came to us from the British Council abroad and has now been placed on the permanent staff, and of Mrs. Joan Harding, who gave us a year's valuable help before rejoining her husband on his return from the Far East. There are two new appointments to the Department for next year, Mr. R. G. Cox, M.A., Ph.D.

(Cantab), and Mr. J. M. Nosworthy, B.A. (Reading).

It is perhaps time to mention in an annual report that the English Department has throughout the war worked hard to encourage a love of the drama. During the winter terms there are weekly gatherings of students, with or without staff, to read and discuss plays, and the English Society had earlier produced "Hamlet" and Obé's "Noah." This year's production of Wilde's "The Importance of Being Ernest" was by common consent one of the events of the College year, and it is clear that in Dr. Armstrong the Society has a producer of ability.

During the year the Professor has been elected to the Council of the Viking Society for Northern Research, and to the Executive Committee of the Society for the Study of Medieval Languages and Literature. And it is with great pleasure and pride we record that Manchester University in May conferred on Emeritus-Professor J. W. H. Atkins the degree of Doctor of Letters, honoris causa, for his notable contributions to scholarship in the fields of

textual study and literary criticism.

#### Publications

Professor Gwyn Iones

The Buttercup Field. Pp. 138. Penmark Press (Cardiff), 1945.

Caradoc Evans. "The Listener," Vol. XXXV, No. 888 Jan. 17, 1946.

Wales the Oldest Brother. "The English-Speaking World," Vol. XXVIII,

No. 1, pp. 385-92.

Reviews

Day and Sergeant, Sir Gawain and the Green Knight, E.E.T.S. (With E.G. Bowen); Ellis, The Road to Hel, A Study of the Conception of the Dead in Old Norse Literature; Turville-Petre and Olszewska, The Life of Gudmund the Good, Bishop of Holar. All in Medium AEvum, Vol. XIII (1945), pp. 58-68.

Editor: The Welsh Review

#### FRENCH

#### PROFESSOR E. R. BRIGGS

The Department has this Session welcomed the return of Mr. J. Killa Williams, who after more than six years' absence has quickly resumed teaching duties and taken a full share in other activities. Emeritus Professor A. Barbier has continued to give valuable part-time assistance with Honours classes, and Dr. Hywela Saer has once again, by the courtesy of the Professor of Education, devoted the major part of her time to the teaching of French. The Department takes leave of Dr. Saer, with gratitude for her untiring services during the period of emergency, in consequence of the appointment of Mr. Owen R. Taylor, M.A. (Wales), who has been on the staff of Glasgow University since 1939. Next Session it is expected therefore that the Department will have at least the pre-war establishment of four permanent full-time teachers to cope with the widened degree syllabus and an increasing number of students. Even so, staffing preoccupations will remain, owing to the heavy burden of correcting student exercises which makes research and personal work so much more difficult in linguistic subjects.

The number of students rose by 25% compared with the previous Sessions, and among them was a good sprinkling of students returning from various forms of National Service, whom it has been a great pleasure to welcome, especially in view of their maturity and personal qualities. Recruits from the schools on the other hand still enter College before they have the mental development and linguistic attainments to benefit fully from its opportunities. The Intermediate class has been distinctly uneven, and the Subsidiary group

on the whole deficient in linguistic training in spite of possessing Higher School Certificates in French. The war-time deterioration of entrants' linguistic standards is also responsible for the abnormal proportion of failures in the Final class, as it is almost impossible to overcome in the time available the handicap of an inadequate grounding. The larger Honours class was on the whole creditable, with two placed in the first class, four in the second and one in the third. The only internal research student, Mr. J. Pedler, B.A., gained maturity in grappling with some difficult problems, and promises to produce an interesting piece of independent work.

It is gratifying to record that four senior students have obtained parttime posts in French public secondary schools for next Session, and that a number of more junior students will attend university holiday courses in France this summer, in addition to the courses organised in this country by the British Institute in Paris. This renewal of contacts with France on, it may be hoped, a rapidly increasing scale, coupled with the expected availability of travel grants for students from the Gregynog Fund next Session, should

play a large part in raising linguistic standards in the future.

#### GEOGRAPHY AND ANTHROPOLOGY

ACTING HEAD OF DEPARTMENT: MR. WALLACE E. WHITEHOUSE

Professor Forde's resignation in June, 1945, and the non-return of Mr. Fogg until late-April, 1946, made the Session a very difficult one; its success is a tribute to the heavy continuous duties willingly undertaken by Mr. Bowen and Mrs. Whyte. As in previous Sessions, ex-students also helped and I wish to acknowledge the valuable assistance of Miss Doreen E. Roberts, in several of the Seminars and Practical Classes. Miss M. A. Morgan, Mr. Alwyn Williams, Mr. R. M. Prothero and Mr. E. J. T. Williams also took an active part in the special British Isles Seminars. These, started as an experiment in the previous Session, were continued and became so embarrassingly well attended that a group of upwards of twenty—obviously too large—was usual. The best work calls for much smaller groups and though the considerable number of ex-Servicemen in attendance added personal experience to text-book generalities yet it was obvious that they belonged to a different generation; this, notwithstanding the really commendable manner in which they have re-adopted student life in this Department.

The Session has been marked by four more Higher Degree awards to add to the three of last Session. In December, 1945, M.Sc. Degrees by Research were obtained by Miss E. R. Payne—"East Midlands Agricultural Geography" and Mr. D. S. Prosser—"The earlier Geography of the Drainage Area of the Rivers Cynon and Clydach" while in June, 1946, M.A. Degrees were awarded to Miss Irene Ellis and Mr. Clive Trott for work in respect of the "Cotswolds Woollen Industry" and the "Industrial History of the lower Neath Valley."

The Honours class was very large—14 in all—and two ex-Servicemen: Messrs. J. L. Davies and J. M. D. Rogers were each placed in the First Class: four other students were awarded Class II Division I. The Final Class of 25 (24 passing) gave promise of good Honours work in the future. The Subsidiary Class, initially nearly 70 in all, tended to become unwieldy particularly for practical work and there seemed to be an abnormally large number of immature and less well-prepared students. The effective lowering of the age of entry seems to be related to this and there seemed to be evidence of some lowering of school-examination standards.

During the Session the Department has received a large amount of "captured" and other map material from both Army and Navy sources. These gifts will amount in all to some thousands of sheets and their cataloguing and storage for ready reference without suitable cabinets is presenting difficulties. Fortunately, the Department Steward, Mr. M. Hughes, was released

from R.A.F. service during the Session. The Naval authorities have also placed on what is effectively a permanent loan their complete set of bound Geographical Handbooks of the Naval Intelligence Division. These modern authoritative books already comprise over 50 large volumes. The conditions of their use by students have been rigidly, though reasonably, determined by the Naval Staff of the Admiralty. These restrictions will probably be relaxed later.

Principal Ifor L. Evans, towards the close of the previous Session, enriched the Africa section of the Library by a gift of upwards of 40 volumes. This Session, these have proved of considerable value to our students for several of the books represented works not now readily available.

Dr. R. O. Whyte and Mr. J. B. Willans have also kindly presented valu-

able reference books during the Session.

#### GERMAN

#### PROFESSOR DAVID EVANS

The work of the Department has been quite satisfactory although some Honours and Intermediate work was disappointing. The greatest need of the Department has been the great lack of text books at every stage, and there

seems no sign of any improvements.

Mr. Handel B. Edwards resigned his post before returning from war service and Dr. K. Webber has been appointed as Assistant Lecturer. Mr. T. P. Williams rejoined the Department last October, and Dr. Amita Williams will leave as Assistant Lecturer after four years of very efficient service. She has been a very genial and loyal colleague in very difficult times. The Department last Session is indebted to Mr. T. P. Williams and Dr. A. Williams for their devotion, very ready help and initiative.

#### HISTORY

#### PROFESSOR R. F. TREHARNE

Intermediate. A feeble class: 10 failed (of 18), and 5, failing in all subjects, were refused readmission. This demonstrates the inadequacy of the present matriculation as a University entrance test. Subsidiary. The establishment of weekly tutorial classes for all students has markedly improved the work of most students in this class: several produced very pleasing essays. Final. The strict standards in Intermediate and Subsidiary classes, and the tutorial methods now applied to all students have again produced a Final class with no failures: although there were no outstanding examination results, the essays were often very good. First Year Honours. A pleasant, friendly and hardworking group, promising well for next year. The Alun Lewis Memorial Essay Prize goes, appropriately, to Mr. E. L. Ellis, an ex-The almost total lack of training in Latin at school has sorely hampered this class. Second Year Honours. We deeply regret the death of Miss Nesta Nicholas, whose cheerful courage and generous spirit had won our The two graduands worked well and successfully, we hope they will continue their researches, so promisingly begun. *Post-graduate*. Miss Ruth Jones, B.A., made excellent progress in her French Revolution researches, and obtained a University Studentship for 1946-47.

General. Dr. I. J. Sanders, academically one of the most distinguished of our History graduates, has returned as Lecturer in Medieval History, greatly reinforcing us in our preparations for the post-war years; his arrival enabled us to complete our ambition of tutorial supervision for all students, Pass and Honours, at all grades, and much of this responsible work has fallen to him. To Mrs. Treharne, whose temporary appointment ends after four years, we

owe a permanent debt for the introduction of individual tuition and the establishment of an improved standard of work among our Intermediate students, an arduous and exacting task. Co-operation with the revived Welsh History Department has begun auspiciously, if on a very limited scale; but henceforth every History student will be able to include a basic course of Welsh History in his degree scheme, and, if he wishes, to specialise under Professor

David Williams and Mr. Jones Pierce.

Former Students. Dr. A. J. Roderick has resigned his Lectureship in Welsh History to become Supervisor of History Broadcasts for the B.B.C. Welsh service, and Mr. Glanmor Williams, B.A., has been appointed Lecturer in Welsh History at Swansea University College. Mr. Alun Davies, M.A., has been appointed Assistant Lecturer in Modern History at this College, and Miss Diana Bowman has gained the Gladys Muriel Gardner Studentship at Girton College, Cambridge, for researches in thirteenth-century English history. All Honours graduates since 1930 have been circularised, and a highly successful reunion was arranged on Whit Saturday. With deepest regret we record the deaths, on war service, of four of our students—Alun Lewis, M.A.; J. McDonald Adams, B.A.; Alford Griffith Edwards, B.A.; and Bernard L. Squires; we trust there are no more.

The History Society had a highly successful session, including a memorable visit to St. David's (where the Dean kindly conducted us around the Cathedral,)

and an active programme of lectures, discussions and social occasions.

#### Publications

PROFESSOR R. F. TREHARNE:

Handlist of Historical Wall Maps: (Historical Association, Special Series, S.1.)

Mr. S. H. E. J.

Mr. S. H. F. JOHNSTON

25 articles in the "Military History" and "Medieval History" sections of the new edition of Chambers' Encyclopedia.

#### INTERNATIONAL POLITICS

#### Professor E. H. Carr

No students were registered for courses in the Department during the Session. The Professor delivered public lectures in October and January. The Library has been kept up to date by the usual additions and has been frequently used by students from other Departments; Miss Morris has continued to act as Librarian.

#### PHILOSOPHY

#### Professor R. I. Aaron

This has been a year of steady progress. We were glad to welcome back into the Department during the course of the Session some ex-servicemen, and it was good to see one of these who returned from the R.A.F. in late November take a good class in Honours. The number of ministerial students in the Department (and the College) seems to be becoming fewer and fewer.

We congratulate Dr. J. R. Jones on the attainment of his D.Phil. (Oxon.).

#### Publications

Professor R. I. Aaron

Our Knowledge of University. British Academy Philosophical Lecture. Humphrey Milford. 28 pp. Price 2/6.

A Possible Early Draft of Hobbes' De Corpore. Mind, October, 1945. pp. 342-356.

The Causal Argument for Physical Objects. Aristotelian Society, Supp. Vol. 19. pp. 57-76.

DR. DAN DAVIES

A oes safon foesol ddiamodol? Efrydiau Athronyddol. 1945. pp. 19-29.

#### WELSH LANGUAGE AND LITERATURE

# PROFESSOR T. H. PARRY-WILLIAMS

As in the past few years, the Intermediate Class was small and uneven. The Subsidiary Class included some quite promising first-year students. The Final Class was small this year, but the quality was very good. There was a record number of students taking the second year of the Honours Course. All twelve worked in a very creditable manner. The two that were placed in the First Class in the June examination thoroughly deserved their position. They, together with another student who was placed in the First Division of the Second Class, had shown excellent promise since they entered College. The prospect for next Session is good.

The work of the Department was carried on smoothly and the perform-

ance of students was on the whole quite satisfactory.

#### Publications

Mr. D. GWENALLT JONES

Detholiad o Ryddiaith Gymraeg R. J. Derfel. Cyfrol II. Y Clwb Llyfrau Cymreig, 1945.

Y Ficer Prichard a "Canwyll y Cymry." Cwmni'r Llan a Gwasg yr

Eglwys yng Nghymru, 1946.

Mudiad Cymru Fydd." Adolygiad ar Cymru Fydd, Hanes y Mudiad Cenedlaethol Cyntaf (William George). "Y Ddraig Goch," Rhagfyr, 1945, Ionawr, 1946.

Mr. Thomas Iones

Gŵr y Dolau (W. Llewelyn Williams). Golygu arg. diwygiedig. Gwasg Aberystwyth, 1946.

"Syr Tomos ap Ieuan ap Deicws a'i gyfaddasiad Cymraeg o Fasciculus Temporum. Werner Rolewinck. Trans. of Hon. Soc. Cymmrodorion. "Pre-Reformation Welsh Versions of the Scriptures.". Cylchgrawn Llyfrgell Genedlaethol Cymru, IV, iii a iv (1946).

A. W. Wade-Evans, Vitae Sanctorum Britanniae et Genealogiae. Trans. of Hon. Soc. Cymmrodorion.

R. J. PAUL-WILLIAMS, Storiau'r Meistri. The Welsh Review, V. 1. March, 1946.

GERAINT DYFNALLT-OWEN, Storiau o'r Llydaweg. Ibid.

#### WELSH HISTORY

#### Professor David Williams

The work of the Department has, in this Session, of necessity been transitional in character. It was found to be impossible to obtain the authorisation of the Academic Board of the University in time to institute a full scheme for the teaching of Welsh History in the current year. Moreover, Mr. T. Jones Pierce, the special lecturer in Medieval Welsh History, joined the Department only in January, and Dr. A. J. Roderick only in April, after his return from the Forces. (Dr. Roderick has since resigned his post on being appointed assistant in the Schools Broadcasting Section of the B.B.C. Welsh Region.) Welsh History was, however, taught as part of the Intermediate Course in History, and an "optional" course was provided for Final and First Year Honours students in the History Department. This course was taken for examination purposes by one student, but the lectures were followed by four

other students.

Provision has now been made for instituting a full scheme for the teaching of Welsh History next Session. Students will be able to take Welsh History as a Subsidiary Course. This will cover the whole field of Welsh History from the earliest times until the present day. Students who have pursued this course will, in subsequent years, be able to proceed to a Final Course in Welsh History, when two periods will be studied in greater detail. In addition, students taking the Final or First Year Honours Courses in History will be able to take one of these two periods as an optional course, and Honours students in History will be able to choose either period, to be studied with reference to specified authorities, as their "Special Subject".

#### BOTANY

#### Professor L. Newton

The provision of a small laboratory for Honours students has released a larger one for the more elementary classes, and has enabled us to accommodate about 160 students this Session. This is getting very near our upper limit, but it is hoped this summer to convert the last remaining attic into a mycology laboratory, and so to be able to offer a small amount of accommodation for research in this important branch of the subject. Owing to the large numbers of students, classes have had to be duplicated, and the West room in the Arts wing has had to do duty as a lecture room. Inevitably, the number of practical hours for junior classes has had to be reduced, and this undoubtedly accounts for the heavy list of failures at the Intermediate stage. This is not a desirable state of affairs, but it is the best that we can do to meet present difficulties. Ex-service students have returned in considerable numbers already, and the high standard of their work has been very marked during the whole Session. A special tutorial class has been held for them, and the excellent examination results obtained by these students has more than repaid the effort involved. The Honours class has achieved a very satisfactory result, and the high level of the work at the Subsidiary stage calls for commendation. Research has been continued on the local problem of water pollution due to lead mine effluent, and I have continued my work for the Vegetable Drugs Committee of the Ministry of Supply, on the production of a British Agar. This product is now on the market, and it is gratifying to feel that a piece of work which was of national importance during the war years, is likely to lead to the initiation of a new industry for the West of Scotland and the Western Isles. A monograph, in collaboration with Scottish workers, is in preparation, and will probably be published later by H.M. Stationery Office. Application has been made to the Development Commission for a grant for the continuation of this research. Mr. Carter has written two papers, one on the Flora of Plynlymon, and one on the botanists of Montgomeryshire. Dr. Wilson has continued with her mycological research, especially in relation to seedborne diseases of flax, and Mr. Herbert Jones, who has recently returned from the forces, has renewed his researches on the improvement of the condition of the Rheidol as a fishing-river. We have again had Mrs. Hudleston helping with the large junior classes, and to her and all the staff I wish to express my especial appreciation of their work under the crowded and difficult conditions that have prevailed. Classes have continued until 6 p.m. on several evenings each week, and I owe very much to the unfailing goodwill and enthusiasm of all the staff. I acknowledge with great pleasure gifts of plants and books for the library from many friends during the Session, including five volumes from the students in memory of those of our number who fell in the war.

#### CHEMISTRY

#### PROFESSOR C. W. DAVIES

The Department has been greatly strengthened this year by the return of Mr. Hudleston from General Alexander's staff in Italy, and his help has been of particular value in view of the steep rise in the number of students in the Department. The Intermediate and Subsidiary classes have been the largest since 1920; eight students sat for Honours—next Session the number will be higher—and of these three were placed in the First Class. The end of the war has also made possible a vigorous resumption of research, and the seven post-graduate students have done much interesting and valuable work

which will be published in due course.

An important development has been the appointment, jointly by the Departments of Animal Health and Chemistry, of Dr. W. Charles Evans as a special lecturer in Biochemistry, and the establishment in the chemical laboratories of the biochemistry section of the Department of Animal Health. The close co-operation rendered possible by these arrangements has already shown itself to be of great value to both Departments, and much keenness is being evinced by senior students for advanced work in this rapidly expanding branch of chemistry. There is no doubt that Aberystwyth would become an important centre for specialised biochemical research if the limitations in accommodation, equipment and staff can be relieved sufficiently quickly.

Three former students of the Department, Mr. F. E. Jones, Dr. H. O. Jenkins and Mr. J. I. M. Jones, have been awarded the degree of D.Sc. by

the University.

Reference was made in last year's report to the condition of the Edward Davies Laboratories. The difficulties still encountered in repairing or replacing defective pipes and channels, and the consequent damage to the building, are cause for grave concern.

#### PUBLICATIONS

Professor C. W. Davies

"The extent of dissociation of salts in water." Part X. J. Chem. Soc., 1945. 460.

"Dissociation in salt solutions." Endeavour, 4, 114, 1945.

#### GEOLOGY

#### Professor H. P. Lewis

The number of students registered in the Department was 52. Although only one student of the Final class failed in the sessional examination, the work of this class was, in general, disappointing. On the other hand, it is pleasing to record that the Subsidiary class showed considerable improvement both in numbers and in the quality of the work done. Several of the students in this class displayed marked ability and keenness, promising well for the future. The work of the students of Intermediate grade, with one or two exceptions, was mediocre. The field-class was held at the beginning of the Easter vacation and was centred on Aberystwyth.

Mr. Alwyn Williams continued his postgraduate research work in the Llangadock-Llandilo district with the aid of a University studentship award of £150 and a D.S.I.R. grant. Mr. J. I. Platt visited Germany in the Easter vacation to lecture to the R.A.F. under H.M. Services educational scheme.

Donors of specimens and books, who are cordially thanked, included Mrs. K. M. Adams (a large collection of polished agates), Lieut. R. G. Davies (rocks from India), Mrs. E. C. Gwynn, Professor W. F. Whittard, Mr. J. B. Willans and the Curator of the Sedgwick Museum, Cambridge.

### Publication

Mr. J. CHALLINOR

Dr. Plott and Staffordshire Geology." Trans. North Staffs. Field Club. Vol. LXXIV, pp. 29-67. pls. iii and iv. 1945,

### APPLIED MATHEMATICS

### Mr. T. Lewis

The work of the students at the Subsidiary and Final grades was on a high level. This is not surprising in view of the rigid selection of entrants and the constant weeding out by the Joint Recruiting Board.

Extra courses were provided for Radio bursars for the last time, but the

return of Dr. Easthope after three years of national service made the teaching

work considerably lighter than in the previous Sessions.

It is a source of satisfaction to record that many former students of the Department have done outstanding work in many spheres during the war, such as the Royal Aircraft Establishment, Farnborough, in aircraft firms, in the meteorological section of the Air Ministry, and in the armed forces.

A former research student of the Department, T. V. Davies, M.Sc., has been appointed to the Mathematics staff of King's College, London, thus making the fourth member of that Department to be trained in the twin departments of Pure and Applied Mathematics at Aberystwyth.

### Publication

Mr. T. Lewis

"Some Criticisms of the Theory of Point Electrons." Phil. Mag.

### PURE MATHEMATICS

### Professor V. C. Morton

The work in the Department during the Session has been satisfactory in the circumstances, except at the Intermediate stage, where the immaturity of some of the entrants made it hard to deal with the class as a group. The Honours Class has continued to be small through war conditions, our best students having been unable to finish their Honours courses. The one candidate for Honours in Pure Mathematics obtained a Second Class, First Division, and the one candidate for Honours in Mathematics obtained a Second Class, Second Division. There are one or two promising students in the First Year Honours Class, and we hope that some of our best men of past years will be able to return to complete Honours next Session or the Session after.

In my opinion the Departments of Mathematics in the College could contribute more to the needs of certain Science students by the institution of courses of Mathematics for them quite distinct from the traditional Intermediate and Subsidiary courses and extending over two or even three years. We hope that with University development it may be possible to plan such courses which should carry with them tutorial work to make them fully

effective.

### PHYSICS

### Acting Head of Department: Dr. R. M. Davies

It is with deep regret that I record the death of Professor E. J. Williams, F.R.S. He was, without doubt, one of the most brilliant physicists of our time and generation, and his death at the early age of 42 was a serious blow to the development of the subject to which he had made such outstanding contributions. As a physicist, he had the rare gift of penetrating right to the heart of a problem and his intuition seldom led him astray. At the same time, he was a first-rate Head of Department, full of enthusiasm and energy; he had the ability to see problems of departmental administration in their right proportion and he was utterly ruthless in his condemnation of any restrictions that he considered to arise from a false sense of values. He had grown to love this College and during the tenure of the Chair, he refused offers of more lucrative posts elsewhere. During the War, he made important contributions to the winning of the U-boat campaign and at the time of his death he was an

Assistant Director of Naval Operational Research.

During the past Session, the affairs of the Department have returned to more normal conditions. Mr. Richards and I were able to return in time to begin the work of the Session. The separate courses on electronics and radio have been discontinued and this branch of Physics has been incorporated in the ordinary degree courses, as in pre-war days. The Session marked the resumption of the Honours course with three excellent students, of whom Messrs. D. H. Edwards and D. E. Thomas were placed in the First Class and Mr. T. C. Griffiths in Class II, Division 1. At the moment, it appears that next year's Honours Class will be about three times our pre-war complement and this will make a heavy demand on our staff and equipment.

The research side of the work of the Department has not been neglected. Mr. Job has been able to complete his counting apparatus for cosmic rays and he is now building a counter-controlled cloud chamber. Dr. Evans is analysing a large number of the plates taken with the high-pressure cloud chamber with a view to testing some modern theories of electron scattering. I have been mainly engaged in completing some calculations for the Admiralty and in preparing for the researches which will begin next Session on Mechanical Physics, for which the Royal Society has made an apparatus grant of £690. During the Session, the workshop has been enlarged and re-equipped and it is now in a condition to cope adequately with most of our demands.

The work of running the Department during a period of transition has been made very much easier by the helpful collaboration of all my colleagues; I am particularly indebted to Mr. I. C. Jones, who did such excellent work as Acting Head during the difficult war period, for placing his special know-

ledge of administrative detail freely at my disposal.

### ZOOLOGY

### Professor T. A. Stephenson

The number of students in the Department was 128. During the Session we regained possession of part of the space lent for war purposes, and we have therefore been able to carry out a certain amount of reorganisation. cannot be completed until the impending separation of the Advisory Service from the College enables Mr. J. R. W. Jenkins and his staff to take up their new accommodation. Meanwhile, the furnishing of the Department has been considerably improved during the Session by the provision of new Laboratory benches fitted with sinks, gas and electricity, and of a good deal of other This has enabled us to utilise space which was previously useless, and has added a small laboratory, a glass-store and a photographic dark-room to the facilities of the department, as well as improving a number of the existing rooms. The next thing which is urgently needed is paint and distemper, as the building has remained undecorated for many years; but it is hoped to begin the process of re-decoration very shortly. Another very welcome development has been the appointment of an additional Lecturer in the person of Dr. E. G. Healey, who will be taking up his duties in July, 1946, and who will be responsible especially for the physiological side of the teaching an aspect which we have not previously been able to develop as fully as is desirable. Last year a research grant, for two years, was awarded by the Department of Scientific and Industrial Research to Mr. Ronald Evans, M.Sc., of this Department, for a study of the ecology of the shore fauna and flora of Cardigan Bay. Mr. Evans has already made excellent progress with this work. I should like to thank not only Mr. Evans but also our three Honours students, Miss Janet Humphreys, Miss Dorothy Pattimore and Miss Winifred Phillips, for assistance in demonstrating to the larger classes.

### Publications

Dr. GWENDOLEN REES.

"A record of the nematode parasites of fishes from the Porcupine Bank, Irish Atlantic Slope and Irish Sea." Parasitology, Vol. 37, pp. 38-41, 1946.

### LAW

### Professor D. J. Llewelfryn Davies

The Session opened with an Honours Class of five, but two of the candidates were unable to complete the Course as they were called up for military service during the first term. Of the three who remained, two were placed in Class IIA, and the third in Class IIB. The Sir Samuel Evans prize was not awarded this year. The work of the Second Year Class did not quite come up to expectations in the sessional examinations, but this was due more to lack of application than of ability. Some of the first year Law students showed very good promise.

Perhaps the most interesting feature of the Session's work was the admirable achievement of students taking Constitutional Law as a Subsidiary subject in the Faculty of Arts. This was particularly noticeable in the case of ex-servicemen, whose greater maturity gave them a clear advantage in a

course of this kind.

Mr. W. H. D. Winder returned at the beginning of the second term after an absence of four years in the Army. Mr. J. D. Hayman has resigned his appointment, having been elected to a senior lectureship at Leeds.

In April I read a paper at the Annual General Meeting of the Grotius Society entitled "The Domestic Jurisdiction of States: A Limitation on International Law."

### MUSIC

### Professor D. J. De Lloyd

The work of the students generally has been satisfactory. In the College examinations,—Intermediate B.A., Subsidiary B.A. and B. Mus.—one candidate submitted weak papers. Of the Final (B.A.) students, three showed much promise, and should do well in their Honours year.

The Honours students who presented themselves for examination in June did not come up to expectations, the one exception being Megan Thomas who was awarded a First Class. Her work has been consistently good, and progress

steadily maintained during her period of study.

The Subsidiary B. Mus candidate passed her examination and intends taking her Final next Session. This course is a very exacting one, as the candidate is required to submit an exercise, i.e., an extended composition (vocal and/or instrumental) in several movements by the end of the second term (April) and to sit a paper examination in the following June.

To fulfil the B. Mus. requirements in the stipulated period (three years) it is necessary that before entering on this course the student should have a wider and more detailed knowledge of musical theory than that required for

the higher school examinations in music.

The usual classes in Sight-singing, Ear-training and rudiments were held for students in the Training Department, but to derive real benefit from these classes, students should pursue the courses—first, second and third year—in successive Sessions. Up to the present, the tendency is for these students to take up the study of music in their fourth year (Professional Training).

The programmes of the College (Monday) concerts which were extended into the opening weeks of the third term included works by Mozart, Beethoven (his later quartets), Schumann, Brahms, Chausson, Fauré, Elgar, Moeran, etc., together with Mozart's Grunor quintet, while the "At Homes" gave the student an opportunity to familiarise himself with works of a similar nature by a later

school of composers.

In spite of the shortage of players, the Orchestral Society held its usual practices during the first two terms and it is hoped that with the increase in the number of students next Session there will be a marked revival of interest in the activities of the Choral Society.

### AGRICULTURE

ACTING HEAD OF DEPARTMENT: DR. W. ELLISON

The number of students taking courses in the Department during the Session were as follows:—

Gro	ide			No vegistered	No. who took Sessional Examinations	No. Passed
Degree courses:						
Intermediate			. ,	47	47	36
Subsidiary				45	42	39
Final				22	25	20
1st Year. Hons.				9	9	5
2nd Year Hons.				2	2	2
Post-graduate				· 1		
Totals			, .	126	125	102
DAIRY COURSES:						
Diploma Course (	1st v	ear)	1	28	28	25
Diploma Course (				19	19	19
Short course				18		
Totals				65	47	44

The total of 191 degree and dairy diploma students has created many difficulties with regard to accommodation and equipment and presents the approximate maximum total number of students that can be dealt with adequately under present conditions. The attendance and work of the students has been satisfactory, although many were seriously handicapped by their lack of practical knowledge of agriculture which, in part, accounts for the number of failures in the Final Class. The number of farmers' sons and daughters form a regrettably small proportion of the total. The two students, who pursued the Honours Course (Mr. Gwynn Lloyd Williams and Mr. George Gordon Owen) worked steadily and were placed in the Second Class Division I and Division II respectively.

The Department continued to assist the seven County War Committees of the Provincial Area by attending meetings of the Technical Development Sub-Committees, giving technical advice to Committees and individual farmers-participating in demonstrations, etc. The Department is indebted to Professor Worden and his staff, and to Mr. L. E. Hughes for the lectures they gave on Animal Husbandry. Five students intend pursuing the Honours Course in

the Sessions 1946-47.

### ARICULTURAL BOTANY

Professor T. J. Jenkin Dr. W. Ellison

The number of students taking courses in the Department during the Session were as follows:—

Grad	е			No. registered	No. who took   Sessional   examinations	No. Passed.
Intermediate Subsidiary Final 2nd Year Hons. Post-graduate			• •	42 2 5 3	43 2 5	39 2 5
Totals		•••		52	50	46

The large number of students in the Subsidiary Class has necessitated the provision of duplicate classes on account of the shortage of accommodation and equipment. The attendance and work of the students has been very satisfactory. An increasing number are now pursuing the joint Final Course of Botany with Agricultural Botany. Five students attended the Honours Course and two were placed in Class II Division I, while three were placed in Class II Division II. Nine students intend to pursue the Honours Course in Session 1946-47 which will add to the difficulties of providing adequate equipment.

The Department is indebted to Mr. Trevor Thomas, B.Sc., who gave courses of lectures on Grassland, and to Mr. Gwilym Evans, M.Sc., who lectured on Seed Production.

### Publications

PROFESSOR W. ELLISON

The Productivity of Reclaimed Upland Areas in Montgomeryshire. J. British Grassland Society, Vol. 1, No. 1, March, 1946.

### AGRICULTURAL CHEMISTRY

Mr. R. O. Davies

Grade	No. of students registered	No. who took Sessional Examinations	No. Passed
Subsidiary Final	 33 10	33	32
Honours	 4	4	4
1st Year Dairy Diploma 2nd Year Dairy Diploma	 28 19	28 19	24 14
Total	 94	94	83

The above number represents an increase of five students over the previous year. Of the Honours students, two were placed in the First Class. (Messrs. Dyfed Lewis and B. C. Loughman) and two in the Second Class, Division 1. (Messrs J. T. Morgan and Hywel Williams). Five of the Final students attained a sufficiently high standard to allow them to complete the

Honours course in the coming Session. Satisfactory progress was made by the Subsidiary class and a definite improvement was noticeable among the new entrants to the course in Dairy Chemistry. Mr. J. R. Griffiths gave temporary assistance in the tuition of degree students, and Miss Doreen Williams and Miss Helen Johnston assisted in the laboratory tuition of diploma students.

Mr. Evan Roberts, one of the Senior Soil Surveyors engaged on the soil survey of England and Wales under the direction of Professor G. W. Robinson, has been transferred to Aberystwyth to undertake the survey of the Mid-Wales area. Mr. Roberts's survey work will add materially to our knowledge of the soils in this part of Wales and will prove particularly important in relating field experiments to the different soil types. There has been an evident increase of interest in the soil needs of the area, and some regions are keenly desirous to effect better utilisation of the fertilisers at their disposal. The survey of Fertiliser Practice has been extended to include the county of Carmarthen.

One branch of research in which the Department has been especially interested is the determination of the food value of harvested crops such as hay, cereals, roots, legumes and the green fodders. The assessment of the nutrients in such crops has proved a useful guidance in the rationing of winter A related problem on which the Department has been principally engaged during the Session is the quantitative determination of nutrients produced from growing grass subjected to defoliation by the grazing animal. Active co-operation has been forthcoming in the different phases of this problem from Mr. W. E. J. Milton, of the Welsh Plant Breeding Station, and Mr. L. E. Hughes, the Veterinary Investigation Officer. A statistical examination of the results so far obtained indicates that satisfactory progress has been made with these experiments which ultimately aim at comparing the nutritive value of different types of swards under field conditions.

During the Session the Department has been enabled to commence an investigation into the losses of essential food constituents entailed in the ensilage of kale. The losses estimated in the first year were found to depend largely on the type of fermentation that characterised the ensilage, being much greater under conditions of butyric than lactic and acetic fermentation.

The Department has participated in extra-mural lectures and refresher courses given to young farmers and technical advisers in the counties.

### Publications

Mr. R. O. Davies

The Manurial Needs of Soils in Cardiganshire. National Farmers' Union Year Book 1945. (Cardigan County Branch).

The Use of Potash. Agricultural Topics. No. 8, 1945.

Mr. J. R. Griffiths
Phosphatic Fertilisers Old Forms and New. Agricultural Topics No. 8. 1945.

### AGRICULTURAL ECONOMICS

### ACTING HEAD OF DEPARTMENT: MR. J. PRYSE HOWELL

Grade	No. Registered	No. who took Sessional Examinations	
Subsidiary	10	10	10
Final	4	4	- 3
2nd Year Honours	. 2	2	2
TOTAL	16	16	15

A small number of undergraduates still come forward for instruction in Agricultural Economics, but, on the whole, there appears to be more professional openings in the various spheres of work for which agricultural economics are fitted than there are candidates for training. The College has been successful in producing an appreciable supply of competent agricultural economists in the past and it is hoped that more students suitable for the Honours Course will be registered in the near future.

One of the Final students is expected to pursue the Honours Course next Session. Both the Honours students attained Class II, Division I. Mr. W. J. Thomas, B.Sc. (Senior Scientific Assistant), submitted a thesis on "The Economics of the store cattle industry with special reference to Wales" and was awarded the degree of M.Sc. His work was highly praised by the Ex-

ternal Examiner.

The work of the Department has this Session been carried on in circumstances exceptionally difficult. At the beginning of January, Professor A. W. Ashby, M.A., left to become Director of the Agricultural Economics Research Institute at Oxford and this has been a serious loss not only to the Department

but also to Welsh agriculture.

Mr. J. H. Smith, M.Sc. (Scientific Officer), resigned his post at the end of March to take an appointment at the Ministry of Agriculture and at the same time Mr. V. H. Beynon, B.Sc. (Senior Scientific Assistant) resigned to join the staff of the Agricultural Economics Department at Bristol University. Both these men had given very valuable service to the Department. By the death of Mr. R. O. Rowlands, B.A. (Assistant in Marketing and Co-operation) last autumn the Department lost another very loyal member of its staff.

In spite of staffing difficulties the Department has continued most of itsactivities in research and advisory work. During the current year, financial records of 420 farms will be prepared for the National Farm Management Survey and 55 milk cost records for the National Milk Costing Scheme. In addition, enterprise costs in respect of 41 poultry flocks have been completed and arrangements have been made for enterprise costs for 60 highland and 30 lowland sheep flocks. About 35 records in respect of other enterprise costs in crops, ley-farming and beef costs are in hand. The labour costs enquiry is being continued for 37 farms and the analysis is now nearly completed of detailed records of the supply and use of all forms of labour and power on

Contacts with War Agricultural Executive Committees have been maintained and requests for lectures and for assistance at "farm walks" and farm

demonstrations have as far as possible been met.

some farms in 1944-5 and 1945-6.

In the co-operative advisory work, the Department through the preparation of comparative analysis of Trading Accounts and Balance Sheets, attendances at Annual General Meetings and Management Committees has maintained close contact with the majority of the societies. Mr. P. J. Watkin, B.A. was transferred to the post of Marketing Assistant in December.

Some 32 lectures have been given by members of the staff in seven ties of Wales. The Young Farmers' Clubs have made the strongest counties of Wales. demand for lectures and most of their requests have been met. In December 1945 a very successful week's course was held in Aberystwyth and was attended

by about 70 Y.F.C. members from all the counties in Wales.

My colleagues have devoted themselves unsparingly to the work of the Department and I am grateful to them for their efficient and loyal co-operation.

### Publications

Mr. J. Pryse Howell

Review of Farm Finances in Wales (1938-9 to 1943-4). Cyclostyled. Published by the Department.

Economics of Milk Production. Agricultural Topics No. 10. March-April, 1946.

MR. J. PRYSE HOWELL with MR. J. R. E. PHILLIPS

Cost of Milk Production per Cow and per Gallon for 53 Herds in Wales (a) Winter Period. (b) Summer Period and (c) Whole Year 1944-5 (Cyclostyled) Published by the Department.

MR. J. H. SMITH

Farm Costs of Hired Labour in Wales during 1944-5. Cyclostyled. Published by the Department.

A Survey of the Financial Position of Agricultural Co-operative Requisite Societies during the War Years. Cyclostyled. Published by the Department.

Mr. J. R. E. Phillips

Hill Sheep Farms in Wales: A Study in Economic Organisation. Cyclostyled. Published by the Department.

MR. J. R. E. PHILLIPS with MR. V. H. BEYNON

Some Comparisons between Hand and Machine Milking in a Sample of Welsh Dairy Farms. "Welsh Studies in Agricultural Economics" 1945.

Mr. W. J. Thomas

Financial Results of 33 Poultry Farms in Wales 1944-5. Cyclostyled. Published by the Department.

Mr. P. J. Watkin A Brief Review of the Progress of Agricultural Co-operation in Wales Year Book of Agricultural Co-operation—Horace Plunkett Foundation 1946.

DEPARTMENT OF AGRICULTURAL ECONOMICS

Handlist of Publications 1924-45. Cyclostyled. Published by the Department.

### ANIMAL HEALTH

### Professor A. N. Worden

The work of the Department has expanded considerably since the last report, which dealt only with the inaugural stages. The several additional staff appointments are noted on page 23.

Dr. W. Charles Evans has given a course in Bio-chemistry (30 lectures) to the Honours Chemistry class; Professor Worden and colleagues (together with Mr. L. E. Hughes, Veterinary Investigation Officer) have given the lectures and tuition in Animal Husbandry to the Honours Agriculture class; and Mr. R. Phillips, with the assistance of other members, has given a course on Nutrition and Management (60 lectures) to the Final Agriculture class. As from October, 1946, the Department will assume responsibility for the teaching of Bacteriology (including Dairy Bacteriology) and Dr. Norman Walker, at present of the Inoculation Dept., St. Mary's Hospital, London, will undertake this on joining the Staff next Session. The Department has been recognized by the University Council for post-graduate research and there are now 9 candidates for the degree of M.Sc. (Wales) as well as candidates for doctorates in other Universities. The appointment of a Professor of Agriculture (Animal Husbandry) will strengthen the liaison between teaching in Agriculture and research into animal problems.

For administrative purposes the Department has been divided into four sections, viz., Animal Husbandry (Mr. R. Phillips), Bio-chemistry, Physiology and Microbiology (Dr. W. C. Evans), Parasitology and Ecology (Mr. E. P. Pollard) and Pathology (at present by arrangement with Mr. L. E. Hughes). The separation of the Advisory Services as from 30th September, 1946, will necessitate some reorganisation although most of the investigations concern teams drawn from the different sections.

Three of the four research projects envisaged in the previous report are now actively under investigation, while financial support from the Agricultural Research Council will enable the fourth to be begun shortly. Mr. W. L. Davies has joined the donors named last year and further assistance in finance and personnel has been rendered by the Cooper Technical Bureau, with a consequent increase in the facilities for research in parasiotology. A grant from the Universities Federation for Animal Welfare has enabled research to be begun on rodent ecology; by arrangement, much of this work will be carried out on territories operated by the West Wales Field Society.

The following specific investigations, including those undertaken in collaboration with the Veterinary Investigation Department, have been initiated since the last report: the chemical composition and nutritive value of grass and milk; the micro-biological and chemical assay of vitamins and amino-acids; certain metabolic and toxicological disorders of domestic animals; Salmonella dublin infection in adult cattle; the life history and economic significance of Melophagus ovinus Linn; sub-clinical helminthiasis and physiological studies on nematodes in cattle, sheep and poultry; methods of administering phenothiazine to sheep; the investigation of "D.D.T." and "666" as constituents of sheep dips; spray trials against ticks and other

ecto-parasites; and studies on farm buildings.

It is a pleasure to acknowledge the continued collaboration of those mentioned in the last report and of Drs. R. M. Fry, Joan Boissard and M. P. Parker (Emergency Public Health Laboratory, Carmarthen), Dr. H. H. Green (Veterinary Laboratory of the Ministry of Agriculture and Fisheries, Weybridge), Professor H. D. Kay, Drs. S. J. Rowlands and S. K. Kon and Mr. S. Y. Thompson (National Institute for Research in Dairying, Shinfield), Dr. T. Moore and Miss A. C. Cooper (Dunn Nutritional Laboratories, Cambridge), Mr. A. Brownlee (A. R. C. Field Station, Compton), Mr. E. G. Bowen (Professorelect of Geography and Anthropology), Dr. F. Gwendolen Rees (Department of Zoology) and Mr. S. B. Thomas and colleagues of the Department of Dairy Bacteriology. Professor C. W. Davies and Mr. L. E. Hughes have allowed the Department a generous share in their facilities and Professor T. A. Stephenson has very kindly loaned accommodation in the Department of Zoology whenever it has been temporarily available. The rapid expansion of the Department has been such that all available accommodation is being strained to the utmost.

The list of publication appended includes papers from the Veterinary Investigation Department, which has shared in all research projects.

### Publications

Professor A. N. Worden

The Effect of Unsaturated Fatty Acids on Lactobacillus helveticus. Biochemical Journal, 39. 78-85, 1945. (With Dr. E. Kodicek).

Further Studies on the Effect of Unsaturated Fatty Acids on the Acid Production of *Lactobacillus helveticus*. Nature Lond. 157, 000, 1946. (With Dr. E. Kodicek).

Some Problems of Animal Health. Welsh Review, 5. 59-65, March, 1946.

The Relation of Husbandry to Animal Health. Veterinary Record, 58. (in press), 1946.

Animal Health with Particular Reference to Milk Production. Dairy Industries, 11. (in press), 1946.

The UFAW Handbook on the Care and Management of Laboratory Animals. Lond: Baillière, Tindall and Cox, 25s. (in press), 1946.

Vitamin Therapy. In Recent Advances in Veterinary Medicine, N. V. M. A. Publication (In press).

Intestinal disorders of the newborn. Proceedings of the Royal Society of Medicine. 39. 389-394 (With D. B. Cruikshank et alia). MR. RICHARD PHILLIPS

Balance of Food—Summer and Winter. Welsh Journal of Agriculture, 18. 35-37, 1945.

Kales and Kale Silage. *Ibid.* 18. 75-78, 1945. (With T. W. Fagan and R. O. Davies).

Salt in Hay and Silage. Journal of the Ministry of Agriculture, 52. 98-99, June 1945.

Losses and Wastage in Farm Livestock. Nature, Lond. 157. 809-810,

Seasonal Variation in the Rate of Growth of Young Cattle. *Ibid.* 157. (In press), 1946.

Some Aspects of Wastage and Losses in Cattle. Journal of the Ministry of Agriculture, 53. (in press), 1946.

MR. G. OWEN EVANS

A Method for observing the Life Cycle of Melophagus ovinus Linn. Nature, Lond. 157. 773, 1946.

Mr. L. E. Hughes

A Field Trial of D.D.T. and Gamexane (666) in the Control of Sheep Myiasis. *Veterinary Record*, 58. 251-252, 1946. (With J. R. W. Jenkins and J. M. Jones.)

MR. H. I. FIELD.

Acute Salt Poisoning in Poultry. *Ibid.* 58. 253-254, 1946. (With E. T. Rees Evans).

In addition, the paper by Mr. F. V. John on "A Preliminary Report upon Salmonella dublin infection in Adult Cattle," Veterinary Record, 58, 211-212, 1946, was first reported at a meeting of the Department.

### DAIRY BACTERIOLOGY

Mr. S. B. Thomas

The number of students attending the various courses during the Session was as follows:—

Grade		No. Registered	No. who took Sessional Examinations	No. Passed
1st Year Dairy Diploma 2nd Year Dairy Diploma Short Course in Dairying	 	28 19 18	28 19	21 12
TOTALS	 	65 .	47	33

The development of advisory work during the Session has included the provision of accommodation for administrative staff, central records and an area laboratory at Brynawel, Aberystwyth. This has provided an opportunity for re-commencing investigational work at the bacteriology laboratories in Llanbadarn Road. The adviser, in conjunction with Dr. B. F. Thomas M.Sc., Ph.D. and Mrs. L. B. Jones, B.Sc., have continued their studies on thermoduric and thermophilic bacteria isolated from soil, water, manure and milk. Particular attention has been given to the species of heat resistant corynebacteria obtained during this work. Arrangements were made by the Ministry of Agriculture for the adviser to spend some months at the National Institute for Research in Dairying to develop his investigations on bacteriophage in relation to lactic streptococci and the role of inhibitory streptococci in retarding the development of acidity during cheese making.

Miss A. T. Stewart, B.Sc., N.D.D., has continued her investigations for the Ministry on the bacteriological grading of milk This is part of a joint research scheme, carried out at Reading University, Midland Agricultural College and Aberystwyth, directed by Dr. A. T. R. Mattick, of the National Institute for Research in Dairying, assisted in statistical direction by Mr. O. Kempthorn, M.A., of Rothamstead Agricultural Station.

Mr. G. M. Phillips, M.Sc., N.D.D., has been working throughout the Session at the Cardiff area laboratory on the bacterial flora of pasteurised milk and creamery plant, while Mrs. E. Jones-Evans, B.Sc., N.D.D., has carried out farm and laboratory work for the Agricultural Improvement Council on the relative efficiencies of different methods of sterilisation of dairy utensils, with particular reference to simple methods of hypochlorite sterilisation.

Miss Mair Roberts was awarded the M.Sc. degree for her work on the bacterial flora of rural water supplies. Her thesis contained some original and fundamental investigations, the results of which will be most valuable in the development of advisory work in water and soil bacteriology as envisaged

by the National Agricultural Advisory Service.

I terminate my 21 years association with the College at the end of this Session and I therefore take this opportunity of expressing my appreciation of the kindly advice and encouragement given by the Administrative Officers of the College and by my colleagues in the Agricultural Department. For several years the facilities provided for advisory work in dairy bacteriology at Aberystwyth have been acknowledged to be the best in the service.

### Publications

Mr. S. B. Thomas

The Routine Resazurin Test. Welsh J. of Agric. 18, 81. (1945).

Three years work of the National Milk Testing and Advisory Scheme Milk Industry, 26, 8, 41-47 (1945).

Bacteriological advisory work in connection with milk production. Dairy Industries, 10, 793-799 (1945)

Mr. S. B. Thomas and Mrs. E. Jones-Evans.

The Thermoduric Bacterial Content of Farm Milk Supplies. Dairy Industries, 11, 20 (1946)

Mr. S. B. Thomas, Miss E. Davies and Miss M. Davies

Bacteriological Examination of Washed Milk Churns. Proc. Soc. App. Bacts. (1945)

Mr. G. M. PHILLIPS

The National Milk Testing and Advisory Scheme. Welsh J. of Agric. 18. 97. (1945)

MISS MAIR ROBERTS and MISS ANNE E. HUGHES

Bacteriological Investigations of Dairy Farm Water Supplies. Proc. Soc. App. Bacts. (1945)

### DAIRYING

### MR. JOHN LEWIS

The work of the Department has proceeded on similar lines to previous Sessions, but the year under review has been noteworthy in at least two respects. One has been the unprecedented number of candidates seeking admission to the Diploma course in Dairying and the other feature was the unusually large number of candidates trained in the Department who qualified for the National Diploma in Dairying.

The number of students attending the various courses during the Session

was as follows :-

First Year Dairy Diploma	 	28
Second Year Dairy Diploma	 	19
Short Course in Dairying	 	18

During the year, the following awards have been either made or recommended to students from the Department:—

With a few exceptions, the standard attained by the second year students has been much lower than usual. The first year class has however proved to be the best for many years and there is good prospect that those proceeding to the second year course will do very good work. Thirteen members of this class had served for periods of up to six years in the Women's Land Army and almost without exception, are proving very satisfactory students of dairying. This, it is believed, can be attributed to the fact that they are of more mature age and have been carefully selected on the basis of scholastic attainments and technical ability. It would be advantageous if such a process of selection were applied to some of the other candidates for dairy courses before scholarships are awarded to them.

Students qualifying for a diploma in dairying experience little difficulty in obtaining posts and the majority take up either bacteriological work or posts as dairy advisory officers. It is worthy of note that of the nineteen candidates completing their diploma course this Session, no fewer than fourteen of them

had obtained suitable posts beforehand.

### ADVISORY ZOOLOGY

Mr. J. R. W. JENKINS

The Soil Pest Survey has again been one of the main features of the year's work; considerable use has been made of the wet extraction apparatus referred to in the report for 1945, this has made possible the accurate population estimations necessary for experimental work as opposed to routine advisory estimations. The building up of wireworm populations under ley conditions

has again been given special attention with encouraging results.

The new synthetic insecticides, D.D.T. and Gammexane, have been tested on a considerable scale against a variety of pests. One of the many interesting points which has emerged, is that whereas both are effective against the majority of these pests, inherent differences do exist, and it is evident that these insecticides must be more selectively used than has hitherto been thought necessary. Where control of animal pests has been concerned, the work has been done in co-operation with the Veterinary Investigation Officer. A study of the slug population of the province has been commenced, and data concerning species occurrence, frequency, and economic importance have been collected. Special attention has been given to the pests affecting seed production in clover, grasses, and cereals.

The Advisor has attended meetings of the Advisory Entomologist's Conference, and has continued to represent Wales and the West Midlands on certain of its sub-committees. He has also continued to represent Wales on the Ministry of Agriculture and Fisheries Central Garden Produce Committee, and to act as chairman of the Cardiganshire County Garden Produce Committee. He has been elected vice-chairman of the Cardiganshire Horticultural

Society.

The Adviser and his staff continued to maintain close co-operation with the seven Technical Developments Committees and Horticultural Sub-Committees of the College Area, attending meetings, opening discussions, providing demonstrations, and assisting technical officers in the laying out of experiments and the collection and assessing of results. Exhibits have been provided at Demonstrations, Rallies, and Agricultural Shows, and lectures given to Farmers, Young Farmers Clubs, and Horticultural Associations.

The Summer Meeting of the Advisory Entomologist's Conference was held at Aberystwyth, and was organised by the Adviser and his Staff.

### THE WELSH PLANT BREEDING STATION

Director: Professor T. J. Jenkin

A fairly detailed review of the work of the Welsh Plant Breeding Station was given in the reports for the two preceding years, and for this reason the

present report can be relatively brief.

The general character of the work showed little change, but some of the researches that were suspended over the war period have now been resumed, while progress has been made in the initiation of schemes for the further

development of research.

At no time was the staffing of the Station up to full establishment strength owing to the continued dearth of suitable recruits. Some reorganisation was felt to be inevitable. Mr. D. J. Griffiths, who had done valuable work in the Seed Multiplication Section, was transferred to the Grass Breeding Section, which was seriously understaffed, and the vacancy caused by his transfer has not yet been filled.

At a later date, special sanction was obtained for the appointment of an assistant to Mr. E. T. Jones in the Oat Breeding Section. Hitherto, Mr. Jones has carried on the work with the help of technical assistants only. For the new post, Mr. C. D. Price, M.Sc., a former student of the College, who in the meantime has given valuable service to food production, particularly in Mon-

mouthshire and Shropshire, was appointed.

During the summer months the Station employed a number of college students who intended taking the Honours course in Agricultural Botany in session 1945-46, as well as some others from outside. These temporary assistants rank as Student Assistants and are given a subsistence allowance in return for the services they render to the Station. The Station cannot provide instruction in normal farming practice, nor from this particular point of view is the period that the students spend at the Station long enough to be of any great benefit. It is to be regretted that some of these students have little if any knowledge and experience of practical farming conditions, and as soon as this becomes again possible, a full year's continuous experience, preferably on a good "mixed" farm, should be demanded of students of the Agricultural Science Departments. Such a year's training might well rank as equivalent to any other form of National Service.

During the war, owing to the absence of many members of staff, applications for facilities for post-graduate research work had to be rejected, but for Session 1945-46 two graduates of Indian Universities were accepted by the College for research work in Agrostology. These two students are nominally attached to the Department of Agricultural Botany, but conduct their researches at the Welsh Plant Breeding Station—the one under the supervision of Mr. M. T. Thomas in the Grassland Agronomy Section, and the other under

the supervision of Mr. A. R. Beddows in the Grass Breeding Section.

In the Agricultural Research Building on the Penglais site a laboratory to accommodate nine graduate research students has been provided, but as each student will take either two or three years to complete his researches, not more than three could be accepted in any one year. The supervision of nine research students would also make a heavy demand upon the time of the Station's staff, so that until the Station is adequately staffed it will be necessary to limit the number at least for a few years to less than nine.

The demand for stock seed of the oat varieties and the grass and clover strains bred at the Station continues to expand, and has, in fact, passed beyond the capacity of the Station with its present facilities to meet it. The position has been and still is under consideration by the Ministry of Agriculture and Fisheries, but it has not yet been decided how the difficulty is to be overcome so that there should be a continuous flow—equal to the demand—of authenticated seed for general farm purposes.

The importance of these strains in relation to British agriculture is becoming more and more widely recognised. In the popular agricultural press, references are frequently made to them, either as the "Aberystwyth" strains or as the "S" strains without reference to origin. They have become an integral part of farming practice and are no longer regarded as novelties.

In relation to the production of stock seed of these varieties and strains, the sub-Station farm—Morfa Mawr, Llanon—promises to be of great assistance. Here considerable progress in the conditioning of the land and the repair of fences and gateways has been made. The stone-walled barns have been remodelled, and a modern grain cleaning machine has been installed, so that seed grain can be produced, thoroughly cleaned, and dressed at the farm itself. Labour and material difficulties have made it impossible to proceed at the desired rate with the improvements of the farm roads and buildings.

In 1945, the first grass seed crops were harvested at the sub-Station farm. Despite difficulties at harvest, the results were very satisfactory. The seed oats produced and distributed also gave substantial results, so that at the end of the year the accounts for the period showed a small credit balance.

The work of the Cahn Hill-Improvement Scheme was continued on the basis of "the maintenance of improvements" policy. About 15 acres of land showing signs of deterioration were ploughed up and re-seeded, but no new reclamation work was undertaken. The Ministry's grant in aid of this work has been discontinued, and the consequent deficit on the year's working serves to illustrate the difficulty of making an economic success of farming under these conditions where all operations have to be conducted on a paid labour basis; where also full allowance must be made in respect of supervision, and despite the fact that interest on invested capital is not included.

The problem of visitors, particularly to the Station itself, remains a difficult one. An attempt is being made to limit organised parties to one day per week, but special considerations sometimes make it impossible to adhere strictly to this rule. For 1946, however, the applications have been far in excess of the Station's ability to accept. Many applications have, therefore, been reluctantly refused, with the result that already (June 1946) several dates have been booked for 1947.

From within Wales, the majority of the applications are from Young Farmers' Clubs and from local branches of the National Farmers' Union. Many such applications have been received also from the Border Counties. From more distant counties, the organised parties include a relatively high proportion of seed growers. Already in 1946 the Station has entertained relatively large organised parties from as far afield as West Suffolk, Essex, Buckinghamshire, Warwickshire, and a combined party from the southwestern English counties.

In addition to organised parties, however, individual visitors and small groups have to be dealt with—often at short notice. These include important visitors from overseas. Up to date, in the course of the present season, such visitors from Holland, France (2 parties), Canada, Costa Rica, the Gold Coast, and China have been entertained and shown the work of the Station. An official of the Department of Agriculture in Palestine, Mr. Aronovitch, is spending the summer of 1946 at the Station to study the technique developed and adopted at Abervstwyth.

A visit to the Welsh Plant Breeding Station alone requires a full day, so that parties who wish also to see the work of the Cahn Hill-Improvement Scheme must be prepared to spend an extra half-day. In some cases, parties who cannot be accepted for the Station visit the C.H-I.S. only. So far, few

organised parties have been accepted for the Morfa Mawr sub-station.

Members of the Station staff continued to do a considerable amount o advisory work and to give afternoon and evening lectures during the winter months. Mr. E. T. Jones has also served regularly on the central Technical Development Committee of the Agricultural Improvement Council since 1944. while the Director has acted as a member of the Grassland Research Survey Group and of a committee under the chairmanship of Dr. Slater of the A.I.C. dealing with the problems of the testing and distribution of the seed of new varieties and strains.

In August-September 1945 the Director, as a member of a party of four, visited Germany on behalf of the Control Commission. The other three members of the party were from London, Cambridge, and Edinburgh. The visit involved more than 2,000 miles travel by road, and a large number of centres in the French, American, and British zones were visited. As a result, a report on Plant Breeding Research in Germany was prepared and has been

submitted.

### IMPERIAL BUREAU OF PASTURES AND FORAGE CROPS

Consultant Director: Professor T. J. Jenkin Director: Dr. R. O. Whyte

The first year of the post-war period has been characterized by a renewal of contacts with European countries cut off during the war, and the receipt of outstanding publications for reference in Herbage Abstracts. Overseas visitors are now appearing more regularly.

Monographs completed or in the press include Joint Publications on aerial surveying, and the use of shrubs and trees as fodder, and Bulletins on the fodder resources of Latin America, including Miss Roseveare's monu-

mental work on "The grasslands of Latin America"

The Director was seconded to the Colonial Office for two periods of two months each (October and November, 1945, and March and April, 1946) to report on the fodder resources of Cyprus and Palestine. During his second visit to Cyprus, he was instrumental in arranging for the holding of a Conference on "Land Use in a Mediterranean environment." This was attended by British and Cypriot officers of all the land-use Departments and a fruitful exchange of views followed.

The Director has been appointed Secretary of the British Grassland Society and is through this body taking steps to revive internationalism in grassland matters, in collaboration with European specialists in this subject.

### **EXTRA-MURAL STUDIES**

Director: Mr. Ifan ab Owen Edwards

This departmental report for the first year of peace was not compiled without a sense of relief. During the war years, a spirit of idealism and a sense of duty inspired both the tutors and the students and maintained our classes. It was feared that, with the advent of peace, much of the eagerness would disappear, especially when other counter-attractions became available. The post-war period has undoubtedly brought its problems, but the first peace Session has, surprisingly, broken records.

In the first place, the total number of classes almost reached the twohundred mark for the first time in the history of the College. The actual number of classes is 197. Secondly, and even more important, the standard of classes has risen perceptibly. The number of Short Courses, groups of four or six pioneer classes, has decreased, for those of previous Sessions have developed into Terminal or Sessional Classes; whilst the number of Tutorial Classes, the highest grade of extra-mural class, has reached a total of thirty-one, an all-time record. When it is remembered that the total number of classes in the first year of the war was only 40 and that the Tutorial Classes sank to as few as 6 in 1942-43, the recovery to a corresponding 197 and 31 by the first year of peace can but afford satisfaction.

What the future will bring it would be idle to try to predict, but the period of the war has provided the College with two hundred centres upon which the post-war organisation can be built, and, despite all difficulties, a high standard of work has been maintained. Above all, the tradition of extra-mural education has been upheld in the College area; there has been no

cleavage or break. We face the future with confidence.

This report would not be complete without paying tribute to the enthusiasm of the students and the high level of the average of their attendance, and to the loyalty of all tutors. The great increase in the number of classes has meant the recruiting of many new tutors; they have by now received their training in the rather hard school of experience. Few failed. Further development of the work of the Department depends, however, upon securing more part-time tutors and training them. It is to be hoped that resident tutors will have more time to devote to this essential part of their duties and it is proposed to free them next Session from part of their class tutoring for this purpose.

It is with regret that we realise that Mr. Alwyn D. Rees, the College resident tutor for Montgomery and Radnor for many years, where in his kindly way he attained so much, is resigning at the end of this Session to take up a post in the Geography Department. We heartily congratulate him upon his new appointment and are happy to understand that he will not be

entirely lost to adult education in the College area.

The Session was brought to a close on 29th June, when the Annual Rally of Extra-mural students was resuscitated on Saturday, 29th June, and a most happy gathering of nearly a thousand students met at the King's Hall, Aberystwyth, when addresses were delivered by Mr. D. R. Hardman, Parliamentary Secretary to the Ministry of Education, and also by Mr. B. B. Thomas, Permanent Secretary of the Welsh Department and one-time our Director of Extra-mural Studies. Dr. William Thomas, Chief Inspector of Education for Wales, another old student of the College, accompanied them. Tea was afterwards provided at College.

The Rally was not only a fitting climax to the Session's work: it is also

the starting point for the endeavours of the Session to come.

### LIBRARIES

### Mr. A. AP GWYNN

The Session has seen a continuation of the trend towards more normal conditions, although many wartime difficulties persist. Delays in the supply of books, although still often vexatious, are to some extent lessened in their incidence; and there is some slight improvement in the supply of books from overseas. It has been possible to maintain the policy of acquiring current works and, at the same time, of buying, at second hand, important older and standard works which, for a variety of reasons, the Library had not acquired earlier.

Labour deficiencies have continued in the bookbinding trade, with the result that the amount of library bookbinding done has again been only a fraction of what it should have been. There is, however, some prospect of an

improvement in this matter within the next few months.

# SUMMARY OF EXTRA-MURAL CLASSES, 1938-1946

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## UNIVERSITY EXTRA-MURAL CLASSES

## SESSION 1945/6

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Tutor	J.  Mr. S. H. F. Johnston, M.A.  Mr. Thomas Jones, M.A.  Rev. D. J. Evans, B.A., B.D.	Mr. D. E. Williams, B.A., B.D. Dr. A. M. Spencer, M.B., B.Sc., D.P.M. Mr. T. I. Jeffreys Jones, M.A. Rev. O. R. Davies, M.A., B.D. Mr. Alun T. Davies, M.A., LL.B. Dr. Dan Davies Mr. W. J. Gravelle Mrs. Clement Davics, B.A. Mr. C. Lloyd Humphreys, M.A. Rev. J. S. Williams, M.A., B.D.	Mr. I. Williams Hughes, LL.B. Dr. Dan Davies
Subject	1 TUTORIAL  Problems of the Post-War WorldThe Problem of Scarcity Welsh Literature—Astudiaeth hanesyddol a chymariaethol o'r Chwedlau Cymraeg  Y Testament Newydd, ei hanes a'i gynnwys	International Affairs Psychology—Theoretical and Applied International Principles and Transitions Sociology Civilization Social Psychology Music—Elements, Appreciation and Expression Welsh History and Literature Political Thought History of Christian Ethics	International Problems Problemau Moesol a Chrefyddol
Class	Cardiganshire Aberystwyth Pontarfynach Rhydypennau	Carmarhenshire Bancfiosfelen Carmarthen Carmarthen Carway Ffairfach Llanybyther Myddfai Newcastle Emlyn Fontyberem Tumble	Merioneth Aberdovey Dinas Mawddwy

Dolgelley	Music	Mrs. K. M. Thomas, B.Mus.,			•
Harlech	Problemau'r Byd—yn arbennig yr India	L.R.A.M. Mrs. R. Griffiths, B.A.	24 18	17 27	≅i≽
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Caerennon Llanidloes Machynlleth Newtown Welshpool	Political and Social Problems Political Philosophy Modern Europe Problems of Society	Mr. D. Egryn Roberts, B.A. Dr. J. R. Jones Dr. I. J. Sanders Mr. Alwyn D. Rees, M.A.	18 18 18 18	17 14 24 18	सं≽संसं
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Goodwick Haverfordwest Milford Haven	Social Economics Biology in the Life of the citizen Psychology and Sociology Musical Theory	Mr. W. Haydul Davies, M.A. Dr. Percy A. Little, B.Sc. Rev. H. I. Flowers, B.A., B.D. Mr. A. Williams I. R.A. M.	122 4 4 4	128	नं त्वं त्वं
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Radnovshire Rhayader	Social Psychology	Prof. T. O. Davies, M.A., B.Lit.	18	27	떮
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Llangadock Pencader Pontyates Pontwely St. Clears	Music—Elements, Appreciation and Expression sion International Affairs Civilization in our time International Affairs and Transition Civilization in our time	Mr. W. J. Gravelle Mr. T. I. Jeffreys Jones, M.A. Mrs. J. K. Spencer, B.A. Mr. T. I. Jeffreys Jones, M.A. Mrs. J. K. Spencer, B.A.	70 70 70 70 70 70	15 21 21 18 30	ದ ದ ದ ದ ದ	
Merioneth Bala Barmonth	Music and its Appreciation The History of the Parish of Llanaber with	Mr. W. G. Price	20	15	· ×	
Dalmouth	special references to Shipping and Ship- building at Barmouth	Mr. Bob Owen, M.A.	20	32	W.	10
Dyffryn Ardudwy	The fisher of the farmer of the fisher of the Llanenddwyn with special reference to Dyffryn	do.	20	21	W.	
Montgomeryshire Hirnant	Drama Acting	Mrs. Hilda Jones	20	21	W.	
Welshpool	Music	Mr. J. morgan records, A.R.C.M.	20	32	E.	
Pembrokeshire Boncath Narberth Neyland Pembroke	Current Affairs India Current Affairs Current Affairs (International Relations)	Mr. D. Hughes Lewis, B.A. Rev. H. I. Flowers, B.A. Mr. D. Hughes Lewis, B.A. Mr. E. Haydn Jones, M.A.	20 20 20 20	18 21 24: 16	सं सं सं सं	
Radnorshire Llandrindod Wells	adnorshive Llandrindod Wells International Problems with special reference to the United Nations	Mr. I. Williams Hughes, LL.B.	20	24	Тį	

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Ystumtuen	Hanes Cymru yn y Ddeunawfed Ganrif	Rev. D. Ll. Jones, B.A.	12	12	*
Carmarthenshire Bethlehem	Cerddoriaeth—Elfennau, Gwerthfawrogiad, Mynggiant	Mr. W. J. Gravelle	∞ ç	15	B.
Conwyl Elfed	Early Herrey Religion Christian Ethics	Rev. H. R. Charles, M.A. Rev. J. H. Francis, B.A.	12	15	
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Llangadog Llanllwni	Cydberthynas Cenhedloedd Welsh Literature Cefndir a Dysgeidiaeth y Testament Newydd	Kev. Gerant Jones, D.A. Mr. Leslie Harris, M.A. Mr. W. R. Evans	10 12 12	112	<b>×</b> × ×
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Whitland	Language Reconstruction	Mr. T. I. Jeffreys Jones, M.A.	10	87	i
<i>Merioneth</i> Aberllefenni	Hanes a phroblemau rhai o wledydd bychain Ewrop	Mr. D. Myrddin Lloyd, M.A.	15	15	××
Arthog Bontddu Brithdir	Welsh Drama Drama with special reference to Welsh Drama Political Philosophy	Mr. J. Williams, B.Sc. Rev. Thomas Harris, B.Sc. Mr. E. R. Griffiths, B.A.	10	15	<b>8</b> 8

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Cerdd Dant do. Citizenship Music and its Appreciation Music—Rudiments, History and Appreciation Drama	Biology and Human Affairs Canu Penillion do. do. do. Contemporary Problems Music Celtic Mythology Hanes Crefydd Current Affairs Biology and Social Problems Christian Doctrine	Bywyd Cymdeithasol Cymru o 1819 hyd heddiw General Survey of the History of English Literature Newydd Y Testament Newydd Gwyddor Gwlad The Political History of Britain since 1600 The Countries of Europe Current Affairs	Political Geography Agricultural Economics
Dolgelley Llandderfel Llanfair Llanuwchllyn Llanymawddwy Pantperthog Towyn	Montgomeryshire Caersws Carno Foel Llanbrynmair Llanerfyl Llangynog Llanidloes Llanidloes Llanidloes Llanidloes Maengwynedd Meifod Newtown	Pembrokeshire Gethsemanc, Nevern Haverfordwest Hayscastle Llysyfran St. David's Tegryn Wolfscastle	Radnovshire Knighton Llanbister

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Subject	The Uses of Science  Sunday School Method Hanes Gwareiddiad Welsh Literature Problemau Cydwladol Ad-drefmiant amaethyddol ar gyfer y dyfodol Mr. The Use of Science Rev. Mr. Wales in Bygone Days Welsh Literature Ad-drefmiant amaethyddol ar gyfer y dyfodol Mr. Welsh Literature Ad-drefmiant amaethyddol ar gyfer y dyfodol Mr. Thans Mr. Masic Mr. Sterm a'r Gymdogaeth Mr. Mr. Mr. Welsh Literature Mr. Mr. Welsh Literature Mr. Mr. Welsh Literature Mr. Mr. Mr. Welsh Literature Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr.	reading Welsh Literature
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Barddoniaeth Ddiweddar Cymru Braslun o Hanes Llenyddiaeth Cymru International Affairs Welsh History (1284-1945) Music Caneuon Gwerin Cymru Local History Current Affairs Welsh Literature Drama	Caerfyrddin Byua sylw albelling I Sir Hanes Dathlyraeid Cymdeithysol o wrfuod	Owen Glyndwr hyd gyfnod Siarl I Hanes Crefyddau Hanes Sir Gaerfyrddin Perthynas y Gwledydd	Hanes Llenyddiaeth Cymru yn y Bedwaredd Ganrif ar Bymtheg Pedair pennod yn hanes plwyf Llanelltyd Problemau Cydwladol	Political Geography Economic Relations of Farm and Community Contemporary Problems Current Affairs do. Welsh Literature Canu Penillion	Appreciation of Music Current Affairs
Carmarthenshire Bwlchycorn Caio Carway Cefnarthen Crugybar Felingwm Halfway Llanddarog Llandynydd Llanwrda	Milo	Peniel Trapp Tumble	Merioneth Harlech Llanelltyd Llwyngwril	Montgomeryshire Abermule Berriew Bwlchyffridd Caersws Churchstoke Hirnant Llanfair Caeremion	Llanfyllin Llanfyllin

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Subject	The Welsh Drama—its history and production Welsh Literature Current Affairs Political Geography Cristionogaeth a Phroblemau'r Dydd Modern Europe Political Geography Agriculture and Society Political Geography Folitical Geography Local History	Current Affairs (Meet the Americans) Drama Local Government Countries of Europe Science in the Modern World Cwrs y Byd Elementary Science
Class	Llanfihangel Llangynog Llansantffraid Llawr-y-Glyn Machynlleth Newtown Old Hall Pontrobert Welshool Llangynyw	Pembrokeshire Carew Eglwyswrw Houghton Lampeter Velfrey Manorbier Newport Newport Robeston Wathen

A revision of the Periodicals List has been carried out. The following periodicals have been added:—Science, Philosophy and Religion: a symposium ...; La France Libre; New Zealand Geographer; Journal of Applied Mechanics; Annual Review of Biochemistry; Advances in Enzymology; The Library Association Subject Index to Periodicals; the United States Quarterly Book List; Annals of Applied Biology; Journal of Palaeontology; Digest of Statistics issued by the Central Statistical Office; the Weekly Hansard; Efrydiau Catholig; Journal of the History of Ideas; Publications of the Anglo-Norman Text Society; Publications of the Lincoln Record Society; Publications of the Canterbury and York Society.

Miss J. E. Evans, who had been on National Service since early 1943, resumed her duties in May, 1946. M.s. E. C. Gwynn terminates seventeen years of service in the College Library at the end of the Session. Throughout this period she has faithfully and ably served the College, and her departure will leave a gap which it will be hard to fill. Our warmest thanks are due to

her for her work.

ACCESSIONS AND STATISTICS, 1945-46

The history sections of the Library have been strengthened by the acquisition of sets of the publications of the Canterbury and York Society (37 vols.), the Cantilupe Society (22 vols.), the Royal Commission on Historical Manuscripts (185 vols.), 23 vols. of Patent Rolls, Acts of the Privy Council, State Papers, and Charter Rolls.

To the reference section in the General Library, two important works have been added: the Encyclopaedia Britannica, 14th ed., 24 vols. and the

Catholic Encyclopaedia, 16 vols.

Attention may be drawn to the following non-current books acquired by purchase:—

Layamon. Brut or Chronicle of Britain. 3 vols., 1847. Charron. Of wisdom [a translation from the French]. 1630.

Jones, T. Gwynn. Y Mor Canoldir a'r Aifft. 1913; Brethyn Cartref. 1912.

Davies, E. Tegla. Tir y Dyneddon. n.d. Robinson. Celtic illuminative art. 1908.

Eyton. Antiquities of Shropshire. 12 vols. 1845-60.

Williams, S. W. Cistercian Abbey of Strata Florida. 1889.

Dugdale. Monasticon. 8 vols. 1849.

Perrin. British flowering plants. 4 vols., folio. 1914.

Agricola. De re metallica. 1912 facsimile edition.

Gifts were received from Principal Ifor L. Evans (5 vols.); Dr. George Green (24 vols.); Miss G. A. Griffiths, Pontypool (27 vols.); Sydney Herbert, Esq. (7 vols.); Dr. V. Scholderer, of the British Museum (148 pamphlets, and 2 vols.); Miss L. Winstanley (41 vols.); and from 75 other persons and institutions. Eight dissertations were received from the University Registry, Cardiff; and sixty-six calendars, prospectuses and similar publications from universities, colleges, and other institutions.

universities, col	lleges, and other i	nstitu	tions.				
Volumes dealt with during the year:			already in Library			 	3
			accessi	ons		 	1,968
Pamphlets deal	t with during the	year				 	203
							2,174
Books issued ?	General Library	(Term	n)			 	8,805
	•	(Vaca	tion)			 	1,277
	Science Library	(Term	1)			 	1,187
		(Vaca	tion)			 	193

11,462

Borrowers for Vacation:	General Li Science Li	brary brary	••		• • •	• • •	374 52
							426
Books borrowed through	Regional L	ibraries	Scher	ne and	l Nati	onal	
Central Library							62
Books applied for but uno							31
Books lent, as above							357
Books applied for to the U	Iniversity C	ollege c	of Wale	s, but	not av	vail-	
able for loan							204
Theses lent							. 1
Theses borrowed .							2
Books lent to external bor							49
Number of Catalogue slips							
Regional Libraries Scl	. ` /					0 ,	1,606

### HALLS OF RESIDENCE FOR WOMEN STUDENTS

Senior Warden: Mrs. K. Guthkelch

The Session 1945-46 has been memorable for the opening of the Marine Hotel for 60 women students. Under Mrs. Mervyn Griffith's kind and efficient care the new hostel has already proved very popular and successful. other noteworthy change in hostel matters was the appointment of Mrs. Morgan Jones from Secretary-Bursar at Alexandra Hall to Warden of Carpenter Hall, where she has already justified the confidence with which her appointment was made. She was succeeded for three terms at Alexandra Hall by Miss Elsie Griffths, who has been appointed Warden of Beck Hall, Swansea. Her place has now been filled by Miss Luned Powys-Roberts, who has been for a year in charge of the fourth year students at Cleeve Hill.

Alexandra Hall celebrated its Jubilee during the Session. Fifty years before, in June, 1896, the Princess of Wales, later to become Queen Alexandra, opened the new building and gave it her name. That memorable event was celebrated during the Old Students' Reunion week at Easter, 1946, by a reception at Alexandra Hall which about 200 old students and friends of the Hall attended. At the party one of the original lady students—now Mrs. M. T. Williams, of South Marine Terrace-made the speech of the evening and cut the birthday cake with its 50 candles. The festivity also marked the

completion of my 21 years' service at Alexandra Hall.

Once again I am happy to record a really excellent level of health among all the women students in residence.

### SENIOR TRAINING CORPS

Major S. H. F. Johnston

The Session has seen a serious decline in numbers. Only two new recruits joined in October, and the total strength of the Contingent has only been 11. Since the last report 14 cadets have gained Certificate A and 12 Certificate B. Great keenness has been displayed, but training has been hampered by the smallness of the numbers. The War Office still continues to give every assistance, and it is hoped that a more stable position will be reached after the present period of transition.

UNIVERSITY COLLEGE OF WALES ABERYSTWYTH

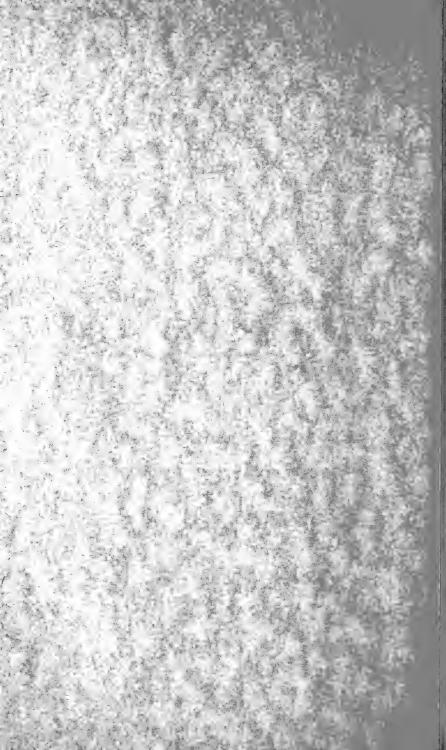




### Reports to the Court of Governors

SUBMITTED ON 22nd OCTOBER

**— 1947 —** 



### UNIVERSITY COLLEGE OF WALES

**ABERYSTWYTH** 

A Constituent College of the University of Wales



### REPORTS

SUBMITTED TO THE

COURT OF GOVERNORS

22nd OCTOBER, 1947

1947

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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-sixth Session, 1947-48.

### COURT OF GOVERNORS

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From May, 1939

\*Professor L. Newton, M.Sc., Ph.D., Banc-y-Rhos, Caemelyn, Aberystwyth.

From January, 1944

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Ystradgynlais.—W. Seth Owen, Esq., B.A.

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#### Merioneth

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#### Pembroke

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Christ College, Brecon-The Rev. A. D. James, M.A. Llandovery College.—The Rev. Canon T. W. Thomas, M.A.

#### Elected Governors

To retire in October, 1947

Mrs. Mabel Bickerstaff, M.A., B.D., Crossways, Grove Avenue, Moseley, Birmingham. C. M. Burrell, Esq., M.A., B.M., Ch.B., 22, North Parade, Aberystwyth. J. R. Davies, Esq., M.B.E. . . . . . Lluest, North Road, Aberystwyth.

Professor R. T. Jenkins, M.A., D.Litt., LL.B., University College of North

\*Dr. Ernest Jones, M.Sc., D.P.H., Isallt, St. David's Road, Aberystwyth.

\*J. Emrys Jones, Esq., National Provincial Bank, Limited, Aberystwyth.

\*J. Henry Jones, Esq., M.A., Ph.D., Glwys-y-coed, Caradoc Road, Aber-

\*Major Owen D. Jones, V.D., J.P.....Talgarth, Pennal, Nr. Machynlleth. W. Miall Jones, Esq., M.P.S....Glasgoed, Penparciau, Aberystwyth. Miss C. J. Macgregor........11, South Marine Terrace, Aberystwyth. The Rev. J. E. Meredith, M.A., Elm Bank, Llanbadarn Road, Aberystwyth.

Two vacancies.

#### To retire in October, 1948

Sir Ifan ab Owen Edwards, M.A., J.P., Bryneithin, Llanfarian, Cards. \*Dr. David Ellis, B.S., J.P............Cartrefle, North Road, Aberystwyth. Brigadier-General Lewis P. Evans, V.C., C.B., C.M.G., D.S.O., D.L., Lovesgrove, Aberystwyth.

\*Major Edgar Jones, M.A. Eryl, Porthycastell, Barry, Glam. E. Emrys Jones, Esq. Maesmawr Hall, Caersws. Miss Evelyn A. Lewes. Eithinfa, Cliff Terrace, Aberystwyth. \*H. J. Lewis, Esq., M.A. Rhoslwyn, Buarth Road, Aberystwyth, R. Hopkin Morris, Esq., M.B.E., M.P., B.A., House of Commons, Westminster, London, S.W.1.

\*The Rev. Gwilym Owen, M.A., The Vicarage, Buarth Road, Aberystwyth.

\*Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth.

\*The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

\*D. D. Williams, Esq., J.P. . . . . . . . . Argoed Hall, Tregaron, Cards.

Two vacancies.

## To retire in October, 1949

The Rev. T. A. Roberts, M.A.....The Rectory, Neath, Glam. London, N.W.11.

The Rev. J. Bowden Thomas, M.A......The Vicarage, Borth, Cards. \*Principal Richard Thomas, M.A., D.Sc.....Normal College, Bangor. His Grace The Lord Archbishop of Wales...The Palace, Abergwili. \*The Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage, Aberguita the Rev. Canon Richard Ward, B.A., The Vicarage Ward, B.A., The Vicarage Ward, B.A., The Vicarage Ward, B.A., The Vicarage Ward, B.A., T

J. Iorwerth Williams, Esq., M.A., LL.B....Normanhurst, Oswestry.

#### Representative Governors

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\*Professor H. J. Fleure, D.Sc., F.R.S., 275, Church Road, Upper Norwood, London, S.E.19.

\*Harold Watkins, Esq......14, Cyncoed Crescent, Cardiff.

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Cardigan Simon Davies, Esq......Greengrove, Felinfach, Lampeter, Cards. The Rev. Fred Jones, B.A., B.D.....Maesmor, Talybont, Cards. D. Rees Morgan, Esq......Black Lion, Bow Street, Cards.

Carmarthen John Davies, Esq...........The Cottage, Alltwalis, Near Carmarthen. Councillor J. D. Rees......Lower Court, St. Clears.

Merioneth Sir Henry Haydn Jones......Pantneuadd, Towyn. Mrs. K. W. Jones Roberts.....Llys Owain, Ffestiniog. Alderman Hugh Tudor.......Glanmachlas, Towyn.

Montgomery 

Pembroke 

Radnor Councillor Evan Morgan...The Gables, Rhayader, Radnorshire. Alderman T. L. Vaughan..........Plas Madoc, Llandrindod Wells. Captain Harri Williams, J.P., Broadway House, Llandrindod Wells. Mrs. Harri Williams ..... Broadway House, Llandrindod Wells.

12
Cwmamman R. O. Rees, Esq., M.A Y Fron, Glanamman, Ammanford.
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Ffestiniog J. S. Jones, Esq 1, Baron Road, Blaenau Ffestiniog.
Fishguard Councillor M. D. Lake
HayW. S. Jones, Esq.Hendre, Hay.
Knighton C. A. Masters, EsqFairholme, Knighton.
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Llandrindod Wells T. P. Davies, EsqBelvedere, Llandrindod Wells.
Llanwrtyd Wells Samuel Rhys Griffith, Esq., M.A Brynderw, Llanwrtyd Wells.
Machynlleth Major R. H. Jones-Evans, M.B.EPenrallt, Machynlleth.
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New Quay P. E. Price, EsqVoelallt, New Quay, Cardiganshire.
Newtown, Mont. Councillor John Griffith, J.P Trade Hall, Newtown.
Neyland Councillor S. C. Webb 16, Kensington Road, Neyland.
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Towyn B. Glyn Jones, Esq
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Nominees of Managers of Intermediate School Districts in The
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Councillor Sir John Lloyd, The Granary, Abercynrig, Brecon  Brynmawr  Alderman Enoch Griffiths
Builth G. E. Sayce, Esq., J.P Fernlea, Builth Wells.

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Aberystwyth J. Barclay Jenkins, EsqHenley, North Road, Aberystwyth.
Cardigan The Rev. E. M. LewisDelfryn, Penyparc, Cardigan.
Llandyssul Alderman David Evans, J.P., Pengelly, Brongest, Newcastle Emlyn.
Tregaron Alderman The Rev. J. E. WilliamsAfallon, Llanddewi Brefi.
Carmarthenshire
Amman Valley John Phillips, Esq., J.PPost Office, Glanamman.
Carmarthen The Rev. Waldo Lewis, B.ABriarleigh, Carmarthen.
Llandilo Alderman W. D. Davies
Llandovery Mrs. J. WilliamsLlystroyddin, Pumpsaint, Lampeter, Cards.
Llanelly Alderman Dame Gwendoline Trubshaw, D.B.E., J.P., Cae'rdelyn,
Whitland Llanelly.
Merioneth
Bala The Rev. Canon W. Gabriel EvansThe Rectory, Bala.
Barmouth The Rev. Canon R. Hughes Williams, M.A., The Rectory, Barmouth.
Dolgelley E. A. Williams, EsqGwyneddfa, Dolgelley.
Ffestiniog H. Evans Jones, Esq., LL.BBryn-hela, Blaenau Ffestiniog.
Towyn H. H. Disley, Esq., J.PTrigfan, Corris.
Montgomeryshire
Llanfair The Rev. D. Hopkins-Jones, The Vicarage, Llanfair, Welshpool.
Llanfair
Llanfair The Rev. D. Hopkins-Jones, The Vicarage, Llanfair, Welshpool.  Llanfyllin
Llanfair The Rev. D. Hopkins-Jones, The Vicarage, Llanfair, Welshpool.  Llanfyllin Mrs. E. T. Jones
Llanfair The Rev. D. Hopkins-Jones, The Vicarage, Llanfair, Welshpool.  Llanfyllin Mrs. E. T. Jones

Benjamin Raymond Lewis, Esq......Market Square, Fishguard.

Pembrokeshire Fishguard

Haverfordwest (Boys and Girls)

The Rev. W. Hugh Rees, B.A., St. Mary's Vicarage, Hill Lane, Haver- fordwest.
Milford Haven George Stuart Kelway, EsqRathgate, Milford Haven.
Narberth Mrs. E. James, B.AGlenview, Bethesda, Narberth.
Pembroke Dock Mrs. Nora E. Davies, B.A41, John Street, Neyland.
St. David's Alderman A. Owen WilliamsOld Cross, St. David's, Pembs.
Tenby The Rev. H. E. Rogers, B.AThe Manse, Warren Street, Tenby.
Radnorshire
Llandrindod Wells The Rev. T. Jenkins, B.A., Rhos, Montpellier Park, Llandrindod Wells. Presteigne
Major J. Mostyn, M.C., M.A., County Education Offices, Llandrindod Wells.
Nominees of Head Teachers of Public Elementary Schools:
Breconshire C. A. Price, Esq
Cardiganshire E. D. Davies, EsqBoys' Council School, Aberystwyth. One vacancy.
Carmarthenshire  Miss J. A. CallardParcyrhun Council School, Ammanford. T. Maddox, EsqSchool House, Abergwili.
Merioneth William Johns, EsqCouncil School, Llanbedr, Merioneth R. Wynne Thomas, EsqCouncil School, Dyffryn
Montgomeryshire  David Thomas, Esq
Pembrokeshire R. G. Walters, Esq., Barn St. Boys' Council School, Haverfordwest W. T. Williams, Esq., B.ScTy'r Athro, Blaenffos, Boncath
Radnorshire  J. E. Price, Esq

## Nominees of The Old Students' Association

Nominees who shall not be Members of the Staff of the College Appointed by such Graduates of any of the Universities of the United Kingdom as have been Students of the College for not Less than Two Sessions:
*Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon.
Dr. Thomas Quayle, M.A31, Parkside, Mill Hill, London, N.W.7 *B. B. Thomas, Esq., M.A., 51, Middleway, Hampstead Garden Suburb London, N.W.11
*The Rev. Principal G. A. Edwards, M.A., D.D., Theological College, Aberystwyth
*Sir William Ll. Davies, M.A., National Library of Wales, Aberystwyth Professor J. Morgan Rees, M.A., University College of North Wales, Bangor
Nominees of The Governing Body of The University College of North Wales
The Rev. H. Harris Hughes, B.A., B.D., 19, Scarisbrick New Road, South
Alderman William George, LL.D., J.PGarthcelyn, Criccieth Mrs. M. Silyn Roberts, M.B.E., University College of North Wales, Bangor
Nominees of The Governing Body of The University College of South Wales and Monmouthshire:
Dr. R. D. Chalke, M.A
Nominees of The Court of The University of Wales:
Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina Cardiff
Miss G. M. Richards, O.B.E., J.P., B.A., County School for Girls, Hengoed Glam
*The Rev. Professor W. R. Williams M.A., Tanybryn, Llanbadarn Road Aberystwyth
Nominees of The Hebdomadal Council of The University of Oxford
The Rev. A. D. James, M.A
Nominees of The Council of The Senate of The University of Cambridge:
Professor James Chadwick, M.A., Ph.D., F.R.S., The University, Liverpool Dr. H. C. Darby
Nominees of The Senate of The University of London:
Professor D. Hughes Parry, M.A., LL.M., Prys, Blake's Lane, New Malden
Professor C. J. Sisson, D.Litt., M.A., D.ês-L., University College, Gower Street, London, W.C.1
*Professor Sir Charles K. Webster, M.A., Litt.D., F.B.A., 4, St. John's Lodge, Harley Road, London, N.W.3
Nominees of The Law Societies in Wales:
Bridgend District Law Society John Thomas Howell, Esq

... Bridgend.

Cardiff and District Incorporated Law Society O. Llewelyn Jones, Esq132, Holton Road, Barry, Glam.
Chester and North Wales Incorporated Law Society Alun Williams, Esq
East Carmarthenshire Law Society Hugh Williams, EsqLlandilo, Carm.
Llanelly Law Society W. Edward Williams, EsqPowell Street, Llanelly.
Merthyr Tydfil and Aberdare Incorporated Law Society W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil.
Monmouthshire Incorporated Law Society
Pontypridd, Rhondda and District Law Society D. Harold Rees, Esq
Swansea and Neath Incorporated Law Society O. O. Thomas, Esq
West Wales Law Society Frederic H. Jessop, Esq., LL.BEastgate, Aberystwyth.
Nominees of The Branches of The British Medical Association in Wales:
North Wales Branch: Dr. E. Lewys-Lloyd
South Wales and Monmouthshire Branch: Dr. Roland WilliamsDryslwyn, Clynderwen, Pem.
Shropshire and Mid-Wales Branch Dr. A. W. J. HoughtonDrapers Hall, Shrewsbury.
Women Nominees of The Court of Governors:  *Mrs. David Ellis
Nominees of The Senate of The College:
Professor C. W. Davies, D.Sc Woodlands, Brynglas Road, Aberystwyth Professor D. J. Ll. Davies, M.A., LL.B., Orlandon, North Parade, Aberystwyth
Professor T. J. Jenkin, D.ScRhoslwyn, Iorwerth Avenue, Aberystwyth
Nominee of The Teaching Staff not Being Members of The Senate
I. C. Jones, Esq., M.ScCaledfryn, Bryn Road, Aberystwyth
Members of Court by Virtue of Membership of College Council
*J. Alban Davies, Esq., Oakhurst, Stradbrooke Drive, Chigwell, Essex *The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth *Sir C. Bryner Jones, C.B., C.B.E., M.Sc., LL.D., 12, Laura Place, Aberyst wyth
*J. Morgan Jones, Esq., C.B.E., M.A., Maesnewydd, North Road, Aber
*Miss E. C. Nightingale, M.A

\*The Hon. Mr. Justice Stable..Plas Llwyn Owen, Llanbrynmair, Mont, \*H. M. Vaughan, Esq., M.A., J.P......32, Victoria Street, Tenby.

\*Denotes membership of College Council.

Bankers.—The National Provincial Bank, Limited, Aberystwyth.

Auditors.—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

## COUNCIL

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Thomas Jones, Esq., C.H., M.A., LL.D., ..... Brynhir, Penglais Road, Aberystwyth.

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#### Treasurer

Ivor Evans, Esq., M.A., Garregwen, Llanbadarn Road, Aberystwyth.

#### Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

#### Representative Members

Nominees of H.M. Privy Council

Nominee of Old Students' Association His Honour Judge Ernest Evans, B.A., LL.B., Huanfa, Ceibach, New

Quay, Cards.

Nominee of the University of Wales

The Right Rev. The Lord Bishop of St. Asaph. D.D., The Palace, St. Asaph.

The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates
Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon.,
Cardiff.

Nominee of the University of Oxford
Principal Sir Frederick W. Ogilvie......Jesus College, Oxford.

Nominee of the University of London
Professor Sir. Charles K. Webster, M.A., Litt.D., F.B.A., 4, St. John's
Lodge, Harley Road, London, N.W.3.

Nominees of the Senate of the College Professor L. Newton, M.Sc., Ph.D., Bancyrhos, Caemelyn, Aberystwyth. One vacancy.

#### Elected Members

To retire in October, 1947

Dr. J. C. Ashton.......Bronwylfa, Machynlleth.
Emeritus Professor J. W. H. Atkins, M.A., D.Litt...Islwyn, Aberystwyth.

Sir C. Bryner Jones, C.B., C.B.E., M.Sc., LL.D., 12, Laura Place, Aberystwyth. J. Morgan Jones, Esq., C.B.E., M.A., Maesnewydd, North Road, Aberystwyth. To retire in October, 1948 Emeritus Professor C. R. Chapple, M.A., Woodville, Penglais Road, Aber-Sir William Ll. Davies, M.A., National Library of Wales, Aberystwyth. The Rev. Principal G. A. Edwards, M.A., D.D., Theological College, Aber-Emeritus Professor T. Campbell James, M.A., D.Sc., Valsolda, Caradoc Road, Aberystwyth. Major Edgar Jones, M.A..... Eryl, Porthycastell, Barry, Glam. J. Emrys Jones, Esq., National Provincial Bank, Limited, Aberystwyth. J. Henry Jones, Esq., M.A., Ph.D., Glwys-y-coed, Caradoc Road, Aberystwyth. Lieut-Col. D. C. Lewis, D.L., M.Sc., County Secondary School, Aberystwyth. H. J. Lewis, Esq., M.A.....Rhoslwyn, Buarth Road, Aberystwyth. Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. B. B. Thomas, Esq., M.A., 51, Middleway, Hampstead Garden Suburb, London, N.W.11. The Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Abervstwyth. One vacancy. To retire in October, 1949 The Rev. Principal H. K. Archdall, M.A., St. David's College, Lampeter, J. Alban Davies, Esq......Oakhurst, Stradbrooke Drive, Chigwell, Essex. Sir Leonard Twiston Davies, K.B.E., D.L., LL.D., F.S.A., Rockfield Park, Monmouth. Dr. David Ellis, B.S., J.P........Cartrefle, North Road, Aberystwyth. Miss A. Gower Jones, M.A., J.P.........Sunnyside, Aberayron. Dr. Ernest Jones, M.Sc., D.P.H., Isallt, St. David's Road, Aberystwyth. Machynlleth. Sir John Russell, D.Sc., F.R.S. . . . . Campsfield Wood, Woodstock, Oxon. T. D. Slingsby-Jenkins, Esq., J.P., Porth Elenydd, Devil's Bridge, Cards.

The Hon. Mr. Justice Stable, Plas Llwyn Owen, Llanbrynmair, Mont. Principal Richard Thomas, M.A., D.Sc......Normal College, Bangor. The Rev. Prof. W. R. Williams, M.A., Tanybryn, Llanbadarn Road, Aber-

ystwyth.

## **COLLEGE STAFF**

## Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

## Vice-Principal:

R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.).

Subjects	Professors and Lecturers
Greek and Latin	Professor of Classics: W. H. DAVIES, M.A. (Wales). Senior Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.). Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab); LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturers: J. EARNSHAW, M.A. (Manc.); W. A. ARMSTRONG, M.A. (Sheffield), Ph.D. (Yale); J. M. NOSWORTHY, B.A. (Reading).
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales. Senior Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales). Lecturer: GARFIELD H. HUGHES, M.A. (Wales)
French Language and Literature and Romance Philology	Professor: E. R. BRIGGS, M.A., Ph.D. (Cantab.). Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Universite de Paris. Lecturers: J. KILLA WILLIAMS, M.A. (Wales); O. R. TAYLOR, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Lecturers: T. P. WILLIAMS, M.A. (Wales); Miss KATHLEEN WEBBER, B.A. (Leeds), D.Phil. (Oxon.).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.). Senior Lecturer in Modern History: SYDNEY HERBERT, M.A. (Wales). Senior Lecturer: S. F. H. JOHNSTON, M.A., B.Litt. (Oxon.). Lecturers: I. J. SANDERS, M.A. (Wales), D.Phil. (Oxon.); ALUN DAVIES, M.A. (Wales).
Welsh History	Sir John Williams Professor: DAVID WILLIAMS, M.A. (Wales), A.M. (Columbia). Special Lecturer: T. JONES PIERCE, M.A. (Liv.).

Logic and Philosophy	Professor: R. I. AARON, M.A. (Wales), D.Phil. (Oxon.). Senior Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales. Lecturer: J. R. JONES, M.A. (Wales), D.Phil. (Oxon.).
Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: ARTHUR PINSENT, M.B.E., M.A. (Lond.), B.Sc. (Wales). Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota). Lecturers: Miss R. M. CREED, M.A. (Oxon.), Lady Margaret Hall; Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.); J. R. MORRISON, M.A., B.Sc. (Glas.), B.Ed. (Edin.); W. J. LEWIS, M.Sc. (Lond.). Lecturer in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Assistant Instructor: SCOTT NISBET. Part-time Assistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.). Senior Lecturer: PERCY GEORGE, M.A. (Cantab), M.Sc. (Wales). Lecturers: J. H. MORRIS, M.Sc. (Lond.); P. H. GUENAULT, M.A. (Sheffield).
International Politics	Wilson Professor: Lecturer: I. G. JOHN, B.A. (Wales), M.Sc. (Lond.).
<b>M</b> usie	Gregynog Professor: D. J. DE LLOYD, B.A., B.Mus. (Wales), Mus. Doc. (Dublin). Lecturers: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O.; JOHN CLAPHAM, Mus. Doc. (Lond.), L.R.A.M., A.R.C.M. The Assistant Staff of Executants and Teachers includes:— WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing.) HUBERT DAVIES, A.R.A.M. (Violin.) RAYMOND JEREMY, F.R.A.M. (Viola).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Lecturers: J. UNGER, LL.M. (Lond.), Barrister-at-Law; J. R. G. GRIFFITH, LL.B. (Lond.); J. D. B. MITCHELL, LL.B. (Lond.), Solicitor of the Supreme Court.
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Senior Lecturer: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg). Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales).

Applied Mathematics	(Wales); C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).
Physics	Professor: R. M. DAVIES, D.Sc. (Wales), Ph.D. (Cantab.), F.Inst.P. Senior Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P. Lecturers: D. A. RICHARDS, M.Sc. (London), A.R.C.S., D.I.C.; G. R. EVANS, M.Sc. (Liv.). Ph.D. (Wales); E. M. JOB, B.Sc. (Wales).
Chemistry	Professor: C. W. DAVIES, D.Sc. (Wales), F.R.I.C. Senior Lecturer: L. J. HUDLESTON, M.C., B.Sc. (Lond.).  Special Lecturer in Biochemistry: W. CHAS. EVANS, M.Sc., (Wales), Ph.D., (Manc.) Lecturers: J. B. BOWEN, B.Sc. (Wales), A.R.I.C.; C. MONK, B.Sc. (Lond.).
Zoology (including Agricultural Zoology)	Professor: T. A. STEPHENSON, D.Sc. (Wales). Senior Lecturers: E. E. WATKIN, Ph.D., D.Sc. (Wales); Miss F. G. REES, Ph.D., D.Sc. (Wales). Lecturers: J. R. ERICHSEN JONES, Ph.D., D.Sc. (Wales); E. G. HEALEY, B.Sc., (Lond.). Ph.D. (Munich).
Geography and Anthropology	Gregynog Professor: E. G. BOWEN, M.A. (Wales). Lecturers: WALTER FOGG, M.A. (Manc.); ALWYN D. REES, M.A. (Wales); C. A. FISHER, M.A. (Cantab); E. WATSON, M.A. (Belfast).
Botany	Professor: Mrs. L. NEWTON, M.Sc., Ph.D. (Brist.), F.L.S. Senior Lecturers: P. W. CARTER, M.Sc. (Wales); Miss IRENE M. WILSON, M.Sc., Ph.D. (Lond.). Lecturers: E. H. CHATER, M.Sc. (Wales), B.Sc. (Lond.), F.L.S.; HERBERT JONES, B.Sc. (Wales).
Geology	Professor: A. WOOD, B.Sc. (Lond.), Ph.D. (L'pool). Senior Lecturers: J. CHALLINOR, M.A. (Cantab.); J. I. PLATT, M.Sc. (Manc.). Professor (Animal Husbandry): J. E. NICHOLS,
Agriculture and Rural Economy	M.Sc. (Durham), Ph.D. (Edin.). Professor (Crop Husbandry): W. ELLISON, B.Sc., Ph.D. (Durham). Assistant Lecturer: T. R.W. DAVIES, B.Sc. (Edin.).
Agricultural Chemistry	R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales).
	Professor: E. F. NASH, M.A. (Oxon.). Assisted by Advisory and Research Staff (see below).
Botany	Professor: T. J. JENKIN, D.Sc. (Wales). Lecturer: P. T. THOMAS, B.Sc., Ph.D. (Wales.)
Dairying	Director of College Dairy: JOHN LEWIS, N.D.A., N.D.D. Assistant Lecturer in Dairy Bacteriology: Miss Eve BILLING, B.Sc. (Reading). Assistant: Miss MARY A. NELSON, N.D.D.

## Poultry Manager ..... SYDNEY JACKSON, N.D.P.

Director: Professor T. J. JENKIN, D.Sc. (Wales). Research Officers in charge of Investigations: E. T. JONES, M.Sc. (Wales); G. EVANS, M.Sc. (Wales); M. T. THOMAS, B.Sc. (Wales); LL. I. JONES, B.Sc. (Wales); A. R. BEDDOWS, M.Sc. (Wales); W. WILLIAMS, B.Sc. (Wales). Graded Research Officers: C. D. PRICE, M.Sc. (Wales); W. E. J. MILTON, M.Sc. (Wales); LL. PHILLIPS, B.Sc. (Wales); D. J. GRIFFITHS, B.Sc. (Wales).

Research Assistants: D. G. MILES, B.Sc. (Wales); W. E. DAVIES, B.Sc. (Wales); H. M. ROBERTS, B.Sc. (Wales); J. P. COOPER, B.Sc. (Reading); ROY HUGHES, B.Sc. (Wales).

Translator: Miss R. PETER JONES, B.A. (Wales)

Adviser: Professor E. F. NASH, M.A. (Oxon.). Assistant Adviser: J. PRYSE HOWELL, O.B.E.,

M.Sc. (Wales).
Agricultural Economist: J. R. E. PHILLIPS,

M.A. (Wales).

Assistant Agricultural Economists: J. D. GRIF-FITHS, N.D.D.; T. G. JONES, B.Sc. (Wales); O.T. W. PRICE, B.Sc. (Wales); B. H. ROBERTS, B.Sc. (Wales); Miss A. D. HOOPER, M.A. (Wales); Miss E. JOHNSON, B.A. (Lond.).

Milford Professor and Director: ALASTAIR N. WORDEN, M.A. (Cantab.), B.Sc. (Lond.), M.R.C.V.S., A.R.I.C.

Assistant Director: RICHARD PHILLIPS, M.Sc. (Wales) ARIC

(Wales), A.R.I.C.

Special Lecturer in Biochemistry: W. CHAS. EVANS, M.Sc. (Wales), Ph.D. (Manc.).

Lecturer in Bacteriology: NORMAN WALKER, Ph.D. (Leeds); A.R.I.C.

Parasitologist: E. PARKER POLLARD, B.Sc. (Lond.).

Consulting Veterinary Surgeon: T. ROGER

THOMAS, M.R.C.V.S.

Assistants (Animal Husbandry): G. J. ENGLAND, B.A. (Cantab.); Ll. R. EVANS; D. N. FIDLER, M.Sc. (Wales); M. FISHER, B.Sc. (Wales); J. LEWIS, B.Sc. (Wales); D. McKELVIE, B.Sc. (Edin.).

Assistants (Biochemistry and Physiology): ALAN W. DAVIES; R. A. EVANS, B.Sc. (Wales), A.R.I.C.; J. T. MORGAN, B.Sc. (Wales); H. E. ROBERTS, B.Sc. (Lond.), M.R.C.V.S.;

I. A. EVANS, Ph.D. (Leeds).

Assistants (Parasitology and Ecology): G. OWEN EVANS, M.Sc. (Wales); R. WYNNE OWEN, B.Sc. (Wales); WINIFRED M. PHILLIPS, B.Sc. (Wales).

Assistant (Pathology): E. T. REES EVANS, B.Sc. (Lond.), M.R.C.V.S.

Agricultural
Economics Research
and Advisory Staff.....

Animal Health

Physical Training	Instructor: Major H. F. STIMSON, M.B.E., T.D., Diploma of Sheffield Physical Training College. Instructress: Miss H. M. WADDINGTON, Diploma of Anstey Physical Training College.
ſ	Director: Sir IFAN AB OWEN EDWARDS, M.A. (Wales and Oxon.). Resident Staff Tutors: D. HUGHES LEWIS, B.A. (Wales); T. I. JEFFREYS JONES, M.A. (Wales); BRYNMOR THOMAS, B.A. (Wales).
	Emeritus Professors :
Welsh Literature	T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales), D. Litt. (Dublin, N.U.I.).
Education	C. R. CHAPPLE, M.A. (Lond.).
Agricultural Chemistry	T. W. FAGAN, M.A. (Cantab.), F.R.I.C.
English	J. W. H. ATKINS, M.A. (Cantab), D.Litt. (Manc.).
Law	T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.).
Zoology	R. D. LAURIE, M.A. (Oxon.):
Agriculture	J. JONES GRIFFITH, B.Sc. (Wales).
Chemistry	T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.
French	J. L. ANDRÉ BARBIER, Licenciê es Lettres (Paris)

Director Emeritus of the Welsh Plant Breeding Station .....

SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

O.A., Chevalier de la Lêgion d'Honneur.

#### ADMINISTRATION

Registrar: T. MAELGWYN DAVIES, M.A. (Wales).

Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.

Librarian: ARTHUR AP GWYNN, M.A. (Wales).

Acting-Warden of Alexandra Hall: Miss L. POWYS-ROBERTS, M.A. (Oxon.).

Warden of Carpenter Hall: Mrs. G. MORGAN JONES, B.A. (Wales).

Warden of Plynlymon Hall: T. P. Williams, M.A., (Wales).

# REPORT

1946-1947

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1947, is presented:—

## I.--STUDENT NUMBERS

		Session	s		
	1942-43	1943-44 1	1944-45	1945-46	1946-47
Total Numbers. Men	233	199	215	390	691
Women Total	311	298 497	318 ——533	365 755	340 ——10 <b>31</b>
First Year Students.					
Men Women	120 118 ——238	93 113 ——206	107 117 ——224	150 140 ——290	215 76 ——— 291
Degree Students.					
Initial Degree Post-graduate Total	452	410 5 ——415	427 4 ——431	619 18 ——637	855 36 —— 8 <b>91</b>
Other Students (excling Short Courses)		82	102	. 118	140
Distribution of Students.					
North Wales.					
Anglesey Caernarvonshir Denbighshire Flintshire Merioneth Montgomeryshi	14 11 16	3 17 14 9 14 22	4 18 21 10 12 18 —— 83	12 19 33 18 18 23	12 33 33 18 37 35
South Wales a Monmouthship	ND .		63	123	108
Breconshire Cardiganshire Carmarthenshir Glamorgan	15 112 re 77 156	14 8 <b>7</b> 7 <b>7</b> 148	16 77 76 160	18 110 79 239	17 164 119 302
Pembrokeshire Radnorshire Monmouthshire	16	17 2 20 ——365	22 5 24	32 6 34 ——518	41 9 61
REMAINDER OF GRI	EAT				
BRITAIN OVERSEAS	50 7	<b>47</b> 6	65 5	104 10	136 14

II. STATISTICS OF COLLEGE DEPARTMENTS

		Number	er of Stu Registered	f S tere	of Students gistered	ents		-	Number	Jo	Students taking Sessional Examinations	s ta	ıkin ns	g Sess	siona		Number	ber o	of Stud	Students passed	pass	ped		1	
Department	Intermediate	Subsidiary	Final	1st Year Honours	Honours	Post-graduate	Dip. or Certif.	Other students	Intermediate	Subsidiary	IsniA	lst Year Honours	Honours Post-graduate	To smolqid	Certificate Other students	Intermediate		Subsidiary	Final	lst Year Honours	Honours	Post-graduate	Diploma or Certificate	Other students	
Classics:			,	-			-		-			-	-	-	_			-							
(a) Greek	23	œ	9	-	3			1	-22+1*	7	9	1	3		1	- 9+1+	+-	4	4		3	1			
(b) Latin	rf	2	-	01	-		1	00	1+1*	2	П	7	1	-1	9	1		2		21	1	-		5	26
Economics		116	24	21	17	3	T	25	l	113	23	20 1	14	3	1	1		92	18	20	14	33		1	
Education	1	27	3	-	<del>-</del> -	130	1		I	24	33	-	<del></del>	130 -	1	1		21	2	-	1	127			
Art and Crafts	9	1	İ	i	1		<del>-</del>	145	10				1		1	. 5				1		-	1		
English	52	83	33	13	10	3	-	T	51	80	33	12	6	-	<u> </u>	- 39		53 29.	29+2*	∞	6		1		
French	34	41	18	23	13			T	33	38	18	22 1	10	ı	-	- 14		20	10	17	10	-			
Geography and Anthropology	1	70	21	46	30	22		1		99	19	44	27	4	1	-		51	18	33	27	4	1		
German	31	16	13	9	3	-		I	24	16	13	T	3		1	- 17		13	13	1	3			1	
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	36	3	5	13	1	30	5	5	-	11	8	6	9	21	8
	58		25,	10	12	40	32	14	-	6	1+ 18	25	29	39	3
	27	ı	47	13	1	51	45	37	I		18+1*+1	13	39	ţ	7
	-	1		1		1		1		1	1		1	İ	
	6	3	57	3 –		9	14	1 1	4	1	1	12 —	2	12 —	4
	1.5		3			14	13	12			00	4	10		
DEPARTMENTS—continued	39	4	9+1*	16		36	∞	5		111	11	10	12	28	10
	70	1	29	14	16	45	36	14	1	10	24	28	36	53	7
	36	-	52	19		62	09	42	1	Н	22	4	43+2*		7
contr				1					1			1	[		
S		-		l		1	-					I	I	I	
ENI	3	-		- 2	1		6					4	-		1
TM	10	.3	3 5	3		9	14		4		8	4 18	2	4	4
PAR	40 15	57	11	16 10	-	36 15	10 17	5 12	1	11	11 8	10	13 10	29 –	10 - 01
STATISTICS OF COLLEGE DEI	71. 4	1	29 1	16 1	16	46	40	14		10 1	30 1	30	39 1	54+4*	8
	40+1*	1	56	22		65	63	47	-	2	22	17	46	1	∞
OF C	:	litics	:	:	:	:	:	:	:	:	:	:	:	:	:
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STATIS	History	International Politics	Philosophy	Welsh	Welsh History	Botany	Chemistry	Geology	Mathematics	Do. Applied	Do. Pure	Physics	Zoology	Law	Music

27 |

<sup>†</sup>Granted pass at Intermediate Stage on result of Subsidiary Examination. \*External Students.

#### III. AWARDS HELD

## 1. Entrance Scholarships and Exhibitions were awarded as follows:-

## (a) OPEN SCHLLARSHIPS

Award 1	alue	Name of Student	School attended
	£40 40	Roberts, Paul H. Jones, Ronald	Ardwyn County, Aberystwyth Howard Gardens High, Cardiff
Price Davies	40	Mason, Haydn T.	Greenhill Secondary, Tenby
Keeling	30	Jones, Noel R.	Grove Park Grammar, Wrexham
Sir Alfred Jones	25	O'Brien, Dilys B.	Gowerton Girls' County
Commercial Travellers	15	Harris, Brian J.	Neath Boys' County
Brereton	12	Owen, Mary W.	Fishguard County

## (b) Closed Awards

David Morgan	£30	Davies, Gwilym E.E.	Tregaron County
Thomas		· ·	
Elizabeth Davies	30	Watkin, John E.	Ardwyn County, Aberyst-
(Brynteifi)		· · · · · · · · · · · · · · · · · · ·	wyth
Sir Alfred Jones	25	Davies, David N. F.	Queen Eliz. Grammar,
			Carmarthen
Humphreys-Owen	20	Williams, Gertrude C.	Newtown Girls' County
Memorial			
Edward Jones	12	Edwards, David T.	Ardwyn County,
			Aberystwyth
Gwobr Eisteddfod	5	Morgan, Rhiannon H.	Machynlleth County
Machynlleth			

## 2. Other Scholarships and Exhibitions were held by the following:-

## (a) RENEWED FOR A SECOND YEAR

Award			Value	Name of Student
David Davies			£40	Ambrose, Kathleen
Price Davies			35	Roberts, William E.
Price Davies			35	Thomas, Alun
Pritchard			30	Morgan, Catherine L.
Sir Alfred Jones			25	Jones, Charles E.
Dr. David Thomas			25	Harris, Ronald H.
Commercial Travellers .			20	Hill, Bertram E. E.
			10 '	*Jones, David M.
			40	Knoyle, Jean M.
Lewis Thomas			35	Jones, David A. R.
Dr. John Davies			30	Beddows, Helen M.
David Morgan Thomas .			30	Harries, William G.
Thomas Davies			25	Evans, Alice M.
Elizabeth Davies (Bryntei	ifi)	1	20	Edwards, Olwen E.
Elizabeth Davies (Bryntei			20 *	Williams, Irfon R.
Sir Alfred Jones			16/13/	4 Roberts, Mair

<sup>\*</sup>Awards resumed after absence on National Service.

## (b) RENEWED FOR THIRD YEAR

Award		Value	Name of Student					
Price Davies		£35	Gawler, Mabel R.					
Price Davies		~35	Pugh, Śarah A.					
Keeling Entrance		30	*Williams, David W.					
Rendel Memorial		25	Jones, William L.					
Rendel Memorial		25	*Griffiths, Gwilym P.					
Commercial Travellers		20	*Murray, William L.					
Commercial Travellers		20	Heywood, Leo J. G.					
Pritchard		17	*Evans, Lewis A.					
Mold Eisteddfod		15	Tyrrell, Margaret J.					
Rendel Memorial		15	James, Rae					
Joseph Thomas		50	*Treharne, George M.					
Joseph Thomas		50	*Ellis, Edward L.					
R. H. Richards		40	Trevenna, David H.					
Robert Bryan		30	Davies, John R.					
Mynyddog		30	Rolfe, Margaret J.					
Mynyddog Joseph Thomas		26	Richards, Arthur R.					
David Jenkins		25	Morgan, Edna					
David Morgan Thomas		25	*Evans, Gwilym D.					
Humphreys-Owen		20	*Jones, Myrfin					
David Morgan Thomas		15	*Davies, Huw T.					
Perrott		10	Davies, Phoebe G.					
Ellis Eyton		10	Edwards, Gwilym A.					
ý .			, , , , , , , , , , , , , , , , , , , ,					
(c) Renewed for a Fourth Year								
		0.5	*** 11 7 7					
David Morgan Thomas	• • • • • • • • • • • • • • • • • • • •	25	*Evans, John E. B.					
*Awards re	esumed att	er abse	ence on National Service.					
(d)	Awards	FOR (	ONE YEAR					
Cynddelw		21	Thomas, Haydn H.					
Dr. Tom Jones Scholarsh			Macpherson, J. D. W.					
Dr. 10m Jones Scholarsi	mp	13	macpherson, J. D. W.					
	(a) Mra		A					
(e) Miscellaneous Awards								
Sir Henry Jones Memori	ial Prize	£3	Davies, John					
Alun Lewis Prize		3	Ellis, Edward L.					
Alun Lewis Prize		3	Walker, Ronald F.					

## 3. Research Awards were held by the following:-

(a) University Studentships (£150 per annum)

Edwards, Lynn, B.Sc.
Evans, Gwenllian, B.A.
Jones, Emrys, M.Sc.
Jones, Ruth E. A., B.A.

Thomas, Brynmor, B.A. Williams, Alwyn, B.Sc. Williams, Menai, B.A.

## (b) College Awards

Sir Garrod Thomas Fellowship £120 Griffith, Thomas C.

#### IV.—INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary. F.—Final. H1.—1st Year Honours. H.—Honours.

The students whose names are printed in italics qualified for their initial degree.

## (a) September, 1946

#### Faculty of Arts

Name	Subject
Askey, George	I. German
Brookes, May	S. Welsh, I. History, S. English, S. Philosophy
Davies, Dewi Aled Eirug	I. Greek
Davies, Ronald William Sefton	I. French
Evans, Enid	I. German
Evans, Margaret Gwendoline (Llanilar)	I. German
Hudleston, Barbara	I. History
Hughes, Bronwen Rosemary	I. German
Humphreys, Elizabeth Mary	I. English
Humphreys, Mary Ellen	I. German
James, Elizabeth Imogen	I. German
Jones, David Howell	I. German
Jones, Morfudd Davies	I. Philosophy
Jones, Thomas Edward Ellis	I. French
Ladbrooke, Mervyn Arthur	I. Geology
Lewis, Thomas Kendrick	S. Latin
Meads, Dorothy	I. German
Owen, Marion	I. Greek
Poole, Edna Margaret	I. English, S. Geography, I. History, I. Geology
Rees, Gwyneira	I. Philosophy
Richards, Eluned Morgan	I. Philosophy
Roberts, Robert Glyn	I. English
Simmonds, Kendal Gordon	S. Geography
Sulston, Linda Dorothy Addie	I. History
Thomas, Elwyn Rhys (External)	S. History

#### Faculty of Science

Faculty	or Science
Axson, Michael (External)	S. Physics
Brown, Elizabeth Margaret	S. Geography
Davies, Stephen Gethyn	S. Geography
Edwards, Eurwen	S. Geography
Jones, Handel William Hugh	S. Physics
(External)	•
Lane, Gwyneth Margaret	I. Chemistry
Mason David Phys (External)	S Physics

Mason, David Rhys (External)

Rees, George
S. Physics
I. Applied Mathematics

Williams, Megan Briall S. Economics

## Pre-Med., Pre-Pharm., Pre-Vet., or Pre-Arch.

Wiernik, Ingeborg Ruth

I. Botany

## Faculty of Rural Science

Davies, John Howard Batchelor, Jeanne Isobel Bennett, Richard John Crowle, Kenneth Evans, Mary Jane Theophilus Higgins, Graham McLean Jenkins, David Joseph Wynne Lloyd, David Hanbury Misra, Brundaban, B.Sc. Morgan, Keith Edgar Powell, Morgan Tudor Thomas Rock, John Denys Shende, Rambhaoo Motiram,

B.Sc.

I. Zoology I. Botany I. Botany

I. Chemistry I. Chemistry I. Zoology I. Chemistry

I. Zoology S. Agriculture I. Zoology

I. Botany I. Botany

S. Agriculture, S. Agricultural Botany

I. Botany

## Faculty of Law

Davies, Glyn Howell

Walters, Martha Eleanor

Oliver, Benjamin Rhys Platt, John Frederick Ashworth Pt. I Criminal Law, Pt. I International Law, Pt. I Contract and Tort

Pt. I Constitutional Law

Pt. I Constitutional Law, Pt. I International Law

## (b) June, 1947

Adams, William Geraint Allen, Barbara Jean Ambrose, Kathleen Arthur, Betty Askey, George Baker, Beryl Crampton Barry, Ivor Phillips Beddows, Helen Margaret Bevan, Leonard Bevan, Marion Joyce

Binding, Francis Wyndham

Borley, Marguerite M. A. Bottel, Eric Malcolm Bowen, David James

Bowen, Henry Gwilym Brace, John Lynn Bracegirdle, Brian Bradbury, Jack Brodie, Morris Bernard

Brookes, May Brown, Elizabeth Margaret Burge, Margaret Hylene Burgoyne, Edward Geoffrey Butler, Gordon Hubert Cairns, Margaret Patricia Mary

H. Economics, II (2) F. English, F. History H.1 Latin, H.1 French I. English, S. History F. History, H.1: Geography H. English, II (2)

H. French, II (2) H.1 French, F. History

H.1 Economics, H.1 GeographyI. Welsh, S. History, S. Economics, S. Geography
I. English, I. History, I. Philosophy,

Elem. Greek

F. Economics

F. English, H.1 History

I. English, S. Welsh, S. Economics, S. Welsh History

I. French, S. History

F. History, S. Education, S. Economics

H. Economics, III

H.1 History, H.1 EconomicsS. Education, S. Philosophy,S. Economics, S. Constitutional Law

F. English

I. Philosophy, H.1 Geography

I. Latin, S. Education

I. Philosophy, S. Economics F. English, H.1 French, S. German S. English, S. Philosophy, S. Education

Campbell, Douglas Lewis

Carpenter, Sylvia Mary

Carr, Agnes Mary

Cass, Ronald Catherall, Ann Clothier, Beryl Margaret Crump, Geoffrey Frederick

Curedale, Edwina Ivy Daniel, Esme Darlington, Joseph Thomas Davies, Aneurin Davies, Benjamin

Davies, Beryl Davies, Beryl Rita Davies, Brian Arwyn Fox

Davies, Dan Ifan Davies, David Hywel

Davies, David Neil Fox Davies, David Trefor Davies, Dewi Aled Eurig Davies, Elizabeth Davies, Emrys Davies, Eurfil, B.A. Davies, Gwilym Eirwyn Eurig Davies, Howard Isaac Davies, Huw Tudwal Davies, John Davies, John David Wyn Davies, John Morgan

Davies, John Rhoslyn Davies, John Sidney Davies, Joseph Daves, Josiah

Davies, Margaret Eleanor

Davies, Margaret Ruth

Davies, Marion Davies, May Eleanor

Davies, Megan Davies, Nancy Davies, Ronald William Sefton Davies, William Hugh Reynold

Davis, Phoebe Gwylan

Dawson, Geoffrey Colin

Dawson, James Alston

S. History, S. Economics, S. Geography, I. Geology F. English, F. French, I. Philosophy,

I. Art S. English, S. French, I. German,

S. History

H.1 Economics, S. Constitutional Law S. English, H.1 German, I. Philosophy

H. Geography, II (2) I. English, I. History, I. Philosophy, S. Education

H. History, II (1) H. Economics, II (1)

I. Welsh, S. History, S. Geography

H. History, I I. History, I. Philosophy, S. Economics, S. Constitutional Law

H.1 English, H. 1 German

I. English, I. PhilosophyI. History, S. Economics, S. Geography

I. Geology
I. Welsh, I. Philosophy, I. Music
S. English, S. Economics, S. Geography,

I. Geology I. French, S. History, S. Geography

H. Art, I. Geology H.1. Philosophy, S. Welsh History H. English, II (1)

H. English, II (1)
S. German, S. Economics, S. Geography
H. Economics, II (1)
S. English, S. History, S. Economics
I. English, I. History, S. Economics

F. History, H.1 Economics F. English, H.1 Philosophy, S. Economics F. Welsh, S. Economics, H.1 Geography

H.1 Economics, H.1 Geography,I. GeologyH. Music, I

S. Geography,

H. Geography, II (1) S. Philosophy, S. Education,

S. Economics

F. English, F. German I. English, I. History, I. Philosophy

S. Economics

S. English, F. French, S. Philosophy H.1. Welsh

H. History, II (1)
I. Philosophy, F. Economics
F. History, H.1. Geography
S. Welsh, S. French, I. German,

S. Economics

H. French, I (2) and Certificate of Oral Proficiency

Elem. Greek, I. Latin, I. English,

I. French S. English, S. History, S. Geography,

I. Geology

Divall, Harry Herbert, B.A. Dodd, Norman Arthur Dummer, Mostyn Howard

Edwards, Arthur Bernard Edwards, David Berian Edwards, Gwilym Arwyn Edwards, Gwilym Rhys

Edwards, James Haydn Keri

Edwards, Joan Edwards, William Thomas

Egrot, Robert James George Elliott, Dan

Ellis, Dewi Morudd

Ellis, Edward Lewis, B.A. Evans, David

Evans, David Donald Bonnell Evans, David Llewellyn Evans, David Meurig

Evans, Dorothy Margaret Evans, Dorothy May Evans, Enid Evans, Gwilym Ceiriog

Evans, Gwilym Wyn Evans, Gwyn Evans, Inez Pamela Evans, John Eben Brian, B.A. Evans, John Gethin

Evans, John Rhystyd Evans, Keith Picton

Evans, Margaret Gwendoline Evans, Mari Davies

Evans, Muriel Bowen Evans, William Dyfrig Fletcher, Dennis James Fordham, Freda Mary Foulkes, David Llewhelin Fowler, Colin Fowler, Derek Henry Gawler, Mabel Rosina George, Hywel Gethin, John Davies Goddard, John James

Griffiths, Elsie Jeanne Grifflths, Ifor Gibbon Griffiths, Mair Margaret

H. Philosophy, II (2)
I. Latin, I. English, I. French, I. German
I. English, S. History, S. Economics, S. Constitutional Law

F. History, H.1. Geography

I. English, I. Welsh, I. Philosophy

H. History, I S. English, S. Philosophy, S. Economics, S. Constitutional Law

S. English, S. Welsh, I. German, S. Welsh History

I. Philosophy, S. EducationI. German, S. History, S. Economics,

S. Geography H.1. French, F. History I. History, I. Philosophy, S. Economics,

S. Geography H. French, I and Certificate of Oral Proficiency

H. History, I

I. English, S. History, S. Philosophy, S. Economics

I. Philosophy

I. French, I. History, S. Economics S. French, S. History, S. Economics, S. Constitutional Law

F. English, H.1. French H. French, II (2) H.1. French, F. History I. English, I. Welsh, I. History,

S. Economics Family bereavement. H.1. Welsh

F. History, H.1. Economics
F. History, H.1. Geography
H. English, II (1)
I. English, I. Welsh, I. Philosophy, I. Music

F. Economics, H.1. Geography

S. English, I. History, S. Philosophy, S. Geography

F. Welsh, I. Philosophy, F. Music S. Welsh, I. Philosophy, S. Welsh History

F. French, H.1. History

H.1. Greek, F. Latin

S. Latin, S. English, S. French, S. German

H. History, II (1)
H. Economics, II (1)
S. English, S. History, S. Economics
I. English, I. Philosophy, I. Music

H. French, II (2)

H. Geography, II (1)
S. History, S. Economics, S. Geography
S. French, S. Pure Mathematics,
S. Geography, I. Geology
H. French, II (2)

I. English, S. French, I. History

H. 1. Welsh, F. Geography

Griffiths, Margaret Violet Griffiths, William Ronald Jones

Gripaios, Hector Grove, John Curtis Gulwell, Margaret

Gwynne, Gruffydd Eilydd

Harding, Frank Marwood Harding, Olive Harper, Lorna Muriel

Harrhy, John Douglas

Harries, Anne Elizabeth Harries, Vivian Meirion Harries, William Gerallt Harris, David Arthur Harris, Eunice Harris, Henry Morgan

Harris, John Rhys Gibbs

Harris, Margaret Harris, Ronald Henry Heft, Dennis Francis

Hennessey, Kathleen Herriman, Elizabeth Mary Hill, Bertram Ernest Evan Hopkin, Gwyneth Mary Hopkin, Jean Francis

Hopkins, Brian Horton, Nesta Mary Humphrey, B.A.

Howell, George Emlyn

Howells, David Lyndon Hudleston, Barbara

Hughes, Arthur Hubert

Hughes, Bronwen Rosemary Hughes, David Morris

Hughes, Iorwerth Gwyn Hughes, Thomas Jones Hughes, Ursula Cerrie Humphreys, Mary Ellen Hutton, Dorothy Mary James, Arnold John James, Colin Mansel

James, Elizabeth Imogen James, Kenneth Ian James, Philip Gwynn

I. German, H.1. Philosophy, F. Education I. English, I. History, I. Philosophy, . S. Constitutional Law

H. Economics, II (1) S. History, I. Geology

H. French, II (2), and Certificate of Oral Proficiency

H. French, I, and Certificate of Oral Proficiency

I. German

H.1. Economics, H.1. Geography S. English, I. French, S. History, S. Philosophy

S. Philosophy, S. Education,

S. Economics

F. English, F. French S. Welsh, I. History

F. English, H.1. Welsh I. Philosophy, S. Constitutional Law

H. German, I

I. English, I. German, I. History, I. Philosophy

S. History, S. Economics, S. Constitutional Law

H.1. Greek, H. Latin, II (1) F. English, H.1. Geography

S. English, S. History, I. Philosophy, S. Geography

S. English, S. French, I. German, I. Music H.1. English, H.1. History

H. Geography, II (1)

S. English, F. History I. French, S. History, S. Economics, S. Geography

I. English, I. History H. Geography, II (2)

H..1. Welsh, H.1. Philosophy, S. Welsh History

H. Music, II (1)

I. English, S. History, S. Education, S. Constitutional Law

I. English, I. History, S. Philosophy S. Music

F. English

S. English, S. History, S. Philosophy, S. Music

I. History, S. Economics, I. Geology F. History, S. Education, H.1. Geography F. English, F. History S. English, F. Welsh, F. Philosophy

F. English, I. Philosophy, S. Economics

H.1. Economics, H.1. Geography I. English, I. History, S. Philosophy,

S. Economics

F. English

H. Geography, II (1)

I. English, I. History, I. Philosophy

James, Rae Jenkins, William David Hall John, Barbara Mary

John, Gwyneth Pamela

John, Subina Jones, Arwyn Treharne Jones, Audrey Mary Jones, Carys Lloyd Jones, Catherine Glyn, B.A.

Jones, Cledwyn Pritchard Jones, Cyril James

Jones, Daniel

Jones, David Anthony Jones, David Howell Jones, David Morris

Jones, David Orwig

Jones, David Ronald Jones, Dorothy Eileen Gray Jones, Dulcie Francis

Tones, Eric Orlando Jones, Eurwyn Thomas Jones, Glanville Rees Jeffreys

Jones, Granville Rowland Benjamin Jones, Gwenllian May

Jones, Haydn Davies Jones, Ieuan Evans Jones, Ifan Aled Jones, John David Eurfyl

Jones, John Hubert Jones, John Owen

Jones, John Russell Jones, Kenneth Jones, Kenneth Mansel Jenkins

Jones, Lewis Carter

Jones, Lilian Mary

Jones, Louisa Jones, Margaret Jones, Mary Elisabeth Portman (External)

Jones, Merlin

Jones, Morfudd Davies Jones, Muriel Gladys (External)

Jones, Nia Wynn

Jones, Olwen Mair Jones, Peter

H. German, II (2) F. History, F. Geography. S. English, I. French, S. German,

S. Philosophy H. French, II (1) and Certificate of Oral Proficiency

H.1. French, F. History I. English, I. History, I. Philosophy

F. Education, S. Economics I. English, I. History, I. Philosophy H. Philosophy, II (1)

I. Music

I. Geology,I. Latin, I. English, I. Welsh, I. Philosophy

S. Geography, S. Constitutional Law F. Latin, H.1. English I. English, S. Welsh, I. Philosophy,

S. Welsh History

English, I. German, S. History, S. Geography

F. Philosophy, H (1) Economics F. French, H.1. History, S. Economics I. English, I. French, S. History, S. Geography

H.1. History I. Geology

F. History, S. Economics, H.1. Geography

H.1. Economics, S. Constitutional Law

H. Geography, II (2) H.1. History, H.1. Economics

F. English, H.1. Geography

S. Education

Elem. Greek, I. Latin, I. Welsh, I. Philosophy

S. History, S. Economics, S. Geography Elem. Greek, I. Welsh, I. Philosophy, S. Economics

I. English, I. History, I. Philosophy H.1. Geography

S. English, H. 1. History, S. Economics I. English, S. Economics, I. Geology,

S. Constitutional Law

F. History, H.1. Economics F. French, F. History

F. English, H.1. Welsh I. Latin

F. History, H.1. Geography

I. Welsh

F. French, S. Economics

S. Education, H.1. Economics, S. Constitutional Law

H.1. Welsh, F. Music

F. English

Jones, Peter Ellis

Jones, Ronald

Jones, Thomas Charles David Bernard Basil

Jones, Thomas Edward Ellis Jones, Thomas Gwynn

Jones, Thomas Henry, B.A. Jones, Thomas Howell Jones, Wilfred Jones, William John

Ladbrooke, Mervyn Arthur Lamb, Robert Thomas Brydon

Laux, John Augustus

Laver, Margaret Rowe Lemon, Gerald Graham Lewis, David Hugh Isaac Lewis, Edwin Roy Morgan Lewis, Joan Noltonia Lewis, Thomas Kendrick Lewis, William Richard George Lewis, Yvette Mona Richards Lewis, Yvonne Doreen Llewelyn John Edward Lloyd, Betty Lloyd, William Bleddyn

Lockstone, Graham

Lunn, Rupert Frank Mackintosh, Peter Maddocks, Gwendoline Mary Maguire, Edward John

Mainwaring, Dorothy Elizabeth

Male, Muriel Patricia

Mason, Dorothy Joyce

Mason, Haydn Trevor Mason, John Myrddin Matthews, Selwyn Meader, Kenneth Vincent

Meads, Dorothy Middleton, Arthur Miles, Geoffrey Sidney Morgan, Edna Morgan, Goronwy Morgan, Rhiannon Hopkin

Morgan, Thomas Daniel Gerran Morris, David Leslie

I. German, S. History, S. Economics, S. Geography S. French, S. Economics, S. Geography,

I. Geology

F. History, F. Economics, S. Geography

H.1. History

I. English, S. Welsh, S. Philosophy,S. Welsh History

H. English, I

I. Welsh, I. Philosophy, I. GeologyI. Welsh, I. Philosophy, I. Music

F. Geography I. Art

H. History, II (1)

S. History, S. Economics, S. Geography, I. Geology

H. English, II (1) I. English, I. Geology

F. German

I. History, I. Philosophy F. English, H.1. History

H (1), French, F. History, S. Education I. English, I. History, I. Geology

F. English, F. Music

H. English, III F. English, H.1. French H. Economics, III

S. Economics, S. English Law, S. Constitutional Law

I. English, I. History, S. Economics, I. Geology

H.1. German, F. Geography

H. Geography, II (2)

H.1. English, F. Music

S. English, S. History, S. Geography, I. Geology S. English, I. French, S. History,

S. Economics

English, S. French, S. History, I. Music

S. French, S. History, S. Geography, I. Geology

S. Latin, S. English, S. French, I. History

H. 1. French, I. German, F. Music F. English, S. Economics, H.1. Geography

S. French, S. German, I. History, I. Pure Mathematics

F. English, F. French

I. Philosophy, I. Geology I. History, S. Economics H. Music, II (1) I. Welsh, S. Economics

I. English, S. Welsh, I. French,

I. Philosophy

F. History, S. Economics, F. Geography, S. Latin, S. English, I. French,

I. Philosophy

Morris, Eric

Mulley, Patrick Clive Murphy, John Alexander, B.A. Myers, Marion Joyce

Nevin, Edward Thomas

Newman, John Anthony Nicholson, Hilary Margaret Noakes, George

O'Brien, Dilys Belinda

Owen, Anna Elinor Owen, Marion Owen, Mary Wynn

Parry, Winifred Nest Pennington, Stella Peters, David Ronald, B.A. Peters, Thomas Warren Phillips, Dorothea Melisande

Elizabeth Gwenllian

Phillips, Joan Rowlands Poole, Edna Margaret Powell, Olive Price, David Hugh

Price, David Ivor Price, Robert Clive Pritchard, Gwen

Prothero, Joseph Humphrey Pudner, Basil Pugh, David Pugh, Evan Owen Pugh, Iris May Pugh, Sarah Aurona Ravenhill, William Lionel Desmond, B.A.

Rees, Gwyneira Rees, John Austin

Rees, William George Reynolds, Elizabeth Susannah Richard, Mai Richards, Eirwen Richards, Elizabeth Georgina

Richards, Eluned Morgan Richmond, James Peter

Roberts, Eluned Roberts, Joan Eryl Roberts, Mair Eluned

Roberts, Rachel

S. History, S. Economics, S. Music, S. Constitutional Law

S. English, S. French, S. History H. Economics, II (1) I. French, S. Education

I. English, S. Economics, S. Constitutional Law, I. HistoryF. English, F. Music

F. French, S. Applied Mathematics S. Welsh, H.1. Philosophy, S. Welsh History

S. English, S. French, I. German, S. His-

Honours English, II (2)

F. Latin, F. Music S. English, S. French, I. German, S. History

S. Greek

H. History, II (1) H. Geography, II (2)

S. English, I. History, S. Philosophy

F. English

F. English, S. Philosophy

F. Geography

H. Geography, III

I. French, S. History, S. Constitutional

F. Economics, F. Geography

I. English, I. French S. English, S. French, I. German, I. Philosophy

S. English, S. History, S. Geography

I. Latin, S. English, S. German I. Greek, S. History, S. Philosophy

H.1. Welsh I. English, S. History

H. French, II (1)

H. Geography, I

S. Education, F. Economics I. English, I. History, S. Philosophy, S. Economics

F. French

H. German, II (1)

I. Philosophy, S. Education, F. Music
H.1. History, F. Economics
I. Latin, S. English, S. French,

S. History

F. German

S. Philosophy, S. Economics, S. Constitutional Law

I. History, F. Philosophy, S. Education

S. English, S. History, S. Economics S. English, S. History, I. Philosophy, S. Economics

S. English, S. Education

Roberts, Robert Glyn

Rolfe, Margaret Joan Rossiter, Jean Keys Round, Malcolm Roy Terence

Rowlands, Anita Mary Roylance, Leslie Ryan, Gladys Miriam Sherwood, Robyn Lansdown

Simmonds, Kendal Gordon Sluman, Thomas Royston

Smith, William David Snook, Hilary Spanjer, Derek Bernard

Stainforth, Anita Stewart Stevens, Margaret Rosina Ann Stone, Alan Graham

Stone, John Keith Stone, Peter

Sulston, Linda Dorothy Addie Theophilus, Timothy Thomas, Cyrus Glyndwr, B.A. Thomas, Elizabeth Mary Thomas, Elwyn Rhys Thomas, Emily Margaret Thomas, Emma Newton Thomas, Frank Thomas, Gwynfor Llefelys Thomas, Haydn Howell Thomas, Henry Austin

## Thomas, Henry Delvine

Thomas, John Gareth, B.A. Thomas, John Haywood Thomas, Josephine Parry Thomas, Mair Lloyd

Thomas, Margaret Eirianon Thomas, Margaret Geraldine Probert

Thomas, Margaret Maurine Thomas, Muriel Michaela Anne Austin

Thomas, William Vernon Elias,

Thornton, John Timothy, Mydrim Lewis Tingle, Mary Honora Treharne, George Morgan Treharne, Ieuan Gwyn F. History, H.1. Economics, S. Constitutional Law

H. Music, I

F. Geography
I. English, I. French, S. German, I. Philosophy

Honours Latin, III

F. French, H.1. German S. English, F. French, S. Education I. English, S. Economics, S. Geography,

I. Geology F. German

S. English, I. German, S. History, S. Geography

S. English, S. History, S. Philosophy

H. English, II (2) I. English, I. Philosophy, S. Economics, S. Constitutional Law H. Geography; II (1) H.1. English, H.1. Geography

F. History, F. Geography, S. Constitutional Law

S. English, I. French, S. History F. History, F. Geography, S. Constitutional Law

S. Education

I. Welsh F. History, S. Welsh History F. English, H.1. French

H. Latin, H.1. French
H.1. Welsh, F. History
H.1. Latin, H.1. French
H.1. Greek, H.1. Latin, F. German
S. History, S. Geology
H. Welsh, II (1)
S. Latin, I. English, I. History,
I. Philosophy

I. Philosophy S. Welsh, I. Philosophy, H.1. Economics, S. Welsh History

H. Geography, I H. Philosophy, II (1)

F. History, H.1. Geography

S. English, S. German, S. Constitutional Law

H. Welsh, II (1) I. English, S. History, S. Economics

H. Geography, II (1)

S. English, S. Constitutional Law

H. Economics, II (2)

F. English, H.1. German

H.1. Welsh

F. History, H.1. Education

H. History, II (1) I. French, S. History, S. Economics

Trimm, Eira Mary

Tuck, Olwyn Mary Winifred Turner, William Henry Keith Tyrrell, Margaret Jean Vaughan, Islwyn Walker, Ronald Francis Ware, Charlotte Stephanie, B.A. Watson, Beryl Webb, Bridget Lyle Webber, Hilary Mary Webster, John Roger West, Sheila Margaret

White, Joan Augustus Whittaker, Wendy May Wilcox, Herbert Rowland Charles

Williams, Arthur Griffith Williams, Brinley

Williams, Clifford Arthur

Williams, Derek

Williams, Derek (Merthyr) Williams, Dewi Goronwy Williams, Elizabeth Muriel

Williams, Elfet Gwyn Williams, Geoffrey Harold Williams, Gertrude Claudia Williams, Haydn Moore Williams, Haydn Murray Williams, Irfon Rhys Williams, Islwyn Williams, Jean Margaret Williams, Lettice Sheila Williams, Margaret Beryl Williams, Mary Olive Williams, Morfydd Williams, Nesta Margaret

Williams, Neville Murray Williams, Owen

Williams, Richard Jenkin Williams, Robert Parry Williams, Roger Arthur Wood, Peter Denis Wright, Harold Edward

Wynn, John Barrie Yarr, David Thomas

Atherton, Bernarr Francis, B.Sc.

Bassett, Douglas Anthony Beach, Sidney Alfred

Bicknell, Kathleen Joyce Bonugli, Mary Alice Brennan, John Gerald, B.Sc. Bryant, Collis James Daniel

Buck Muriel

S. English, I. French, S. Philosophy, S. Geography

F. French, I. Art H. Geography, I

S. Greek, H. Latin, II (1) S. Economics, F. Geography F. English, H.1. History

H. Philosophy, I S. English, I. French, S. History S. English, S. History, S. Welsh History

F. English

H. Geography, II (1) F. French, H.1. History

H. Geography, II (2) H.1. Economics, F. Geography

I. English, I. French H.1. French, F. German

H.1. History, H.1. Economics

H. Philosophy II (1) F. History, H.1. Geography

S. History, I. Geology
S. English, S. Philosophy, S. Economics
S. English, I. Art, S. Geography,
S. Welsh History

F. German

H. English, III

S. English, S. History, S. Philosophy H.1. English, S. French, F. History

F. English, H.1. Geography H.1. Welsh, F. History

S. Economics

S. Education, H.1. Economics

S. English, S. History I. German, S. History H. Geography, III H.1. German, F. History S. English, I. French, S. German

F. English, H.1. History

I. English, I. History, I. Philosophy S. History, S. Geography

F. History, S. Constitutional Law S. English, S. History, S. Economics H.1. Geography

H.1. French, H.1. Philosophy S. English, S. French, S. German

I. Latin, S. English, S. French, S. History

#### Faculty of Science

H. Physics, II (2)

H.1. Geography, H.1. Geology

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Geography, H.1. Botany

S. Zoology, S. Botany H. Pure Mathematics, I

S. Pure Mathematics, S. Physics,

S. Chemistry

H.1. Geography, H.1. Geology

Capel, Barbara Jean Cartwright, John Francis Cooke, Ronald James Crewe, Olive Jean Daniels, David John Davenport, Thomas Charles

Davey, Joan Louise Davies, Albert Gruffydd

Davies, Betty Matthews (External) Davies, David Islwyn

Davies, David Thos. Morgan, B.Sc.

Davies, Eira Francis Davies, Elizabeth Ann Davies, James Francis Arthur

Davies, John Oliver Davies, Kenneth Joseph

Davies, Margaret Davies, Marianne

Davies, Mary Joyce Walters Davies, Sheila Gwen Ryan Davies, Stephen Gethin Durant, Kenneth John Edwards, Clifford, B.Sc. Edwards, David Teify Edwards, Eurwen Edwards, Olwen Eirian
Edwards, Thomas John
Egerton, Jean

## Ephraim, Arthur

Evans, David George Evans, David John

Evans, Glenis Sybil Sarah Alice Evans, Henry Eynon

Evans, Hilda Evans, Jean Frances

Evans, Joan Margaret Cynthia Evans, Lewis Arnold Evans, William Robert Freeman, Daphne

George, Tudur Godsall, Leonard George

Goodman, Gordon Terence, B.Sc. Grant, Elfryn Wynne, B.Sc. Gravelle, Iwan Huw Gravelle, Kenwyn Bertie

S. Economics, S. Zoology, S. Botany

S. Physics, S. Chemistry

F. Pure Mathematics, H.1. Physics S. Zoology, S. Geography, S. Botany I. Chemistry, I. Zoology

F. Pure Mathematics, F. Applied Mathematics

H. Chemistry, II (1)

S. Pure Mathematics, S. Physics, S. Chemistry

I. Pure Mathematics H.1. Geography, F. Geology

H. Geography, II (1) H. Economics, III

H. Geography, III

H.1. Pure Mathematics, H.1. Applied Mathematics

I. Physics, I. Chemistry

S. Pure Mathematics, S. Applied Mathematics, S. Physics

H.1. Chemistry, S. Zoology, H.1. Botany H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Geography, F. Botany S. Zoology, S. Geography, S. Botany F. Economics, F. Geography

H.1. Zoology

H. Geography, II (1)

H. Chemistry, I. Botany, I. Zoology H.1. Geography, F. Geology H.1. Zoology, H.1. Botany F. Physics, H.1. Chemistry S. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Pure Mathematics, S. Applied Mathematics, S. Physics

F. Physics

S. Pure Mathematics, S. Applied Mathematics, S. Physics F. Chemistry, S. Zoology

 Pure Mathematics, I. Physics, I. Chemistry

H. Physics, II (2)

S. Pure Mathematics, S. Applied Mathematics, S. Physics
S. Economics, F. Geography, F. Geology

H. Geography, II (2) S. Economics, S. Geography, S. Geology

S. Pure Mathematics, S. Physics, S. Chemistry

I. Pure Mathematics

H.1. Pure Mathematics, H.1. Applied Mathematics

H. Botany, II (1)

H. Geography, II (2)

F. Botany

S. Pure Mathematics, S. Physics, S. Chemistry

Griffiths, Aneurin Lawrence Ellis Griffiths, David Morgan Luther

Griffiths, Lewis John Gwynne, Emrys Hallam, Harry Evans

Harries, Cyril Harry, David Eric Hatton, Aynsley

Hayman, David Alan

Horrell, Norman James Howe, George Melvyn, B.Sc. Howells, William Roscoe Hughes, Robert Ivor

Ingram, Meredydd ap Owain James, Gwyneth Martha, B.Sc. James, Mary Gaynor James, Thomas Arthur Lynn

Jenkins, Eleanor Mary, B.Sc. Jewell, Edith Mary John, Thomas Urias Jones, Arvon Wynne Jones, Charles Eurwyn Jones, David Alwyn Jones, David Brinley Clay Jones, Douglas Wynn

Jehu, Llewelyn Hudson

Jones, Eirlys Jones, Elgar Jones, Enid Gertrude Mary Jones, Enid May Jones, Glenys Wynne Jones, Handel William Hugh Jones, Ivor Joseph Jones, John Humphrey Jones, Mary Lilian Elizabeth Jones, Mary Magdalen Jones, Megan Llewelyn Jones, Monica Hope Jones, Myrfin Jones, Thomas Brychan Jones, Thomas Griffith Jones, Trevor Jones, William Humphrey Jones, William Livesey Jones, William Meirion King-Davies, Alun Trefor Knowles, Maurice Frank

Knoyle, Jean Mary Hinton Lane, Gwynneth Margaret

Lewis, Arthur Beesley

Lane, Patrick

H.1. Chemistry, H.1. Zoology S. Pure Mathematics, S. Physics, S. Chemistry

H. Physics, II (1) F. Physics, H.1. Chemistry I. Pure Mathematics, S. Physics, S. Chemistry.

F. Geography

F. Geography, F. Geology

I. Pure Mathematics, I. Chemistry, I. Geology

H. Chemistry, I

F. Geography, H.1. Geology

H. Geography, I S. Zoology, S. Botany, S. Geology S. Pure Mathematics, S. Physics, S. Chemistry

I. Pure Mathematics, I. Chemistry

H. Chemistry, I F. Botany, I. Geology

S. Pure Mathematics, S. Geography, I. Geology

H. Chemistry, II (1)
H. Botany, II (2)
S. Economics, S. Geography, S. Geology
F. Geography, H.1. Geology
S. Chemistry, I. Geology
H.1. Zoology, S. Geography, H.1. Botany

H. Physics, I I. Chemistry, I. Botany, I. ZoologyI. Pure Mathematics, I. Physics,

S. Chemistry

S. Economics S. Economics, F. Geography, S. Geology

F. Physics

S. Geography, I. Botany, S. Geology S. Chemistry, S. Botany, S. Zoology F. Physics, H.1. Chemistry F. Physics, H.1. Chemistry S. Zoology, S. Geography, F. Geology

S. Botany

S. Chemistry, S. Zoology, S. Botany

H. Botany, II (2) H.1. Zoology, S. Botany, I. Geology H.1. Applied Mathematics, S. Physics I. Zoology, I. Botany, I. Geology

H. Physics, III

S. Physics, F. Chemistry

H. Zoology, II (1)

H. Geography, II (1)
H. Chemistry, II (2)
F. Geography, H.1. Botany
S. Physics, F. Chemistry

H.1. Zoology, H.1. Botany

F. Botany F. Economics, F. Geography

H.I. Physics

Lewis, David Gareth Price Lewis, John Robert Lewis, Joyce Lewis, Rosamond Mary Littledyke, Moreen
Llewelyn, William David
Lloyd, Barbara
Luton, Jean Marriage, Peter Antony Marsh, Hettie McChesney, Glyn Melrose Middleton, William Haydn Morgan, Arthur Rowland Morgan, Catherine Lorraine Morgan, Charles Lewis Morgan, Dyfrig Gruffydd Morgan, Nest
Morgan, Thomas Meirion
Morgan, William Vivian
Morris, Dorothy Margaret
Morris, Eunice
Morris, Islwyn Jarman
Morris, Iohn Morris, John

Morris, Mona Alison Morris, Norman Murray, William Lyn, B.Sc. Nancollas, George Harvey Owen, Hugh Granville

Owen, Joan Hazel (External) Owen, John Desmond Paris, Brenda Muriel Miriam Parker, Bertram Lloyd, B.Sc. Parry, David Afan Parry, Edward Arthur Parry, Robert Gwyndaf

Perry, Muriel Mary Phillips, Glyn
Phillips, Myrddin Lewis
Pickton, Graham Gordon
Picton, William John Piper, Harry Pope, Brian Woodyatt Powell, William George

Pritchard, Gwynfryn Ellis

Pritchard, John Leslie Railton

Prosser, Emrys Rupert Desmond Pughe, Richard Heddwyn Pyrah, Patrick Frank Rawlins, Cuthbert Kenneth Rees, Leslie Richards, Arthur Raymond

H. Mathematics, I S. Zoology, S. Botany H. Mathematics, I S. Chemistry, S. Geology H.1. Zoology, H.1. Botany F. Chemistry, F. Botany H. Botany, II (1) S. Zoology, S. Geography, S. Botany H. Mathematics, III H.1. Geography, H.1. Geology H. Chemistry, III I. Philosophy, I. Botany, I. Geology S. Physics, S. Chemistry S. Zoology S. Geography, I. Botany, S. Geology H.1. Botany, H.1. Chemistry H.1. Botany H. Chemistry II (1) F. Pure Mathematics. H.1. Zoology, H.1. Botany S. Chemistry, S. Botany, S. Zoology I. Pure Mathematics, S. Chemistry S. Pure Mathematics, S. Physics, S. Chemistry I. Botany, I. Geology H. Physics, I

H. Physics, II (1)
F. Physics, H.1. Chemistry
I. Pure Mathematics, I. Applied
Mathematics, I. Physics.
S. Economics, S. Geography H. Physics, II (2) H.1. Zoology, H.1. Botany
H. Geography, II (1)
S. Botany, S. Zoology
S. Economics, S. Geography, S. Geology

S. Pure Mathematics, S. Geography I. Geology F. Geography, H.1. Botany S. Pure Mathematics, S. Physics

S. Chemistry, S. Botany
F. Geography, H.1. Geology
I. Chemistry, I. Botany, I. Geology
F. Geography, H.1. Geology
F. Pure Mathematics

H.1. Pure Mathematics, H.1. Applied Mathematics Pure Mathematics, I. Physics,

I. Chemistry I. Pure Mathematics, I. Physics, I. Chemistry

F. Economics, S. Geography, S. Geology F. Physics, H.1. Chemistry

H. Physics, II (2) H.1. Zoology, H.1. Botany I. Botany, I. Geology H. Mathematics, II (1)

Richards, William John Breese

Roberts, Hywel Roberts, Marion Iola Roberts, Paul Harry

Roberts, Phillip Alan Roberts, William Elwyn

Robinson, Isaac Charles Harold Robinson, Ralph John Rogers, Anna Rogers, Francon Rowlands, Morfudd Elizabeth Rudall, Brian Howard

Ryall, Hazel May Samuel, Eric Griffith Sheddick, Audrey Sweetman, Jocelyn Mary

Thomas, Alun James

### Thomas, Alun

Thomas, Charles Aubrey Thomas, David John Williams, B.Sc. Thomas, Gordon Noel, Thomas, Gwynfor Thomas, John Donald Thomas, John Richard Thomas, Menna (External) Thomas, Sinah Jane Thomas, Verona Thomas, William James Orville, B.Sc.

Toy, William Thornton Trefor, John Trevena, David Henry Upton, John Noel Vaughan, Irene, B.Sc. Walters, Gwynfryn Walters, Joan Mary Ward, Margaret Irene Watkin, John Emrys Welch, Margaret Joy

Williams, Beryl Mary Williams, David William Williams, Iorwerth Williams, John Emrys

Williams, Richard Hall Williams, Ronald Williams, William Glyndwr Wilson, George Wood, Geoffrey Norman, B.Sc. I. Pure Mathematics, S. Physics, S. Chemistry

I. Zoology, I. Botany, I. Geology H.1. Geography, H.1. Geology S. Pure Mathematics, S. Applied Mathematics, S. Physics

S. Physics

H.1. Pure Mathematics, H.1. Applied Mathematics

S. Physics, S. Chemistry

S. Chemistry, S. Botany, S. Zoology H.1. Geography

F. Pure Mathematics, H.1. Physics

S. Zoology, S. Geography, S. Botany S. Pure Mathematics, S. Applied

Mathematics, S. Physics S. Zoology, S. Botany, S. Geology

S. Applied Mathematics, S. Physics S. Botany

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Pure Mathematics, H.1. Applied Mathematics

H.1. Geography, H.1. Geology F. Physics, H.1. Chemistry

H. Geology, II (1)

F. Pure Mathematics, H.1. Physics

H. Chemistry, I. S. Chemistry, I. Zoology, I. Botany S. Geography, I. Botany, S. Geology

S. Geography, H.1. Geology H.1. Chemistry, H.1. Geology

H. Zoology II(2) F. Pure Mathematics

S. Economics, S. Geography, S. Geology

S. Botany H. Physics, I

S. Geography, S. Botany

H. Botany, II(1)
S. Economics, F. Geography H. Economics II(2)

F. Economics, F. Geography

I. Pure Mathematics

I. Philosophy, I. Pure Mathematics,

I. Geology H.1. Zoology, H.1. Botany H. Physics, II (1).

H. Geography, II(1).

I. Pure Mathematics, I. Physics,

Chemistry

H. Economics, II (1) I. Chemistry, S. Zoology, S. Botany F. Geography, H.1. Geology

S. Geology

H. Physics, II(1)

Wood, John Oswald

Yeoman, Glyndwr David

F. Pure Mathematics, F. Applied Mathematics

S. Chemistry, I. Zoology, I. Botany

### Faculty of Science (Pre-Medical, Pre-Pharmacy, Pre-Veterinary)

Capstick, Alan, B.A.

Jacobs, Joffre Frank Cooper, B.A. (Lond.) Jones, Marie Fursman

Phillips, William Brinley

Thomas, Wynford James

I. Physics, I. Chemistry, I. Zoology, I. Botany

I. Physics, I. Chemistry, I. Zoology, I. Botany

H.1. Zoology, S. Botany

I. Physics, I. Chemistry, I. Zoology,

I. Botany

S. Chemistry, I. Zoology, I. Botany

### Faculty of Rural Science

Alabaster, John Stammers

Alexander, Sydney Charles

Asfour, Wajeeeh Rizik

Batchelor, Jeanne Isobel

Bennett, Richard John Betts, Eric David Cleaver

Bevan, Edward Alan, B.Sc. Bevan, John William Luscombe Bridge, Clement James Richard Cartwright, Thomas Peter Caukwell, Vivien Gwen Charles, Hugh Daniel John (External) Christopher, Kenneth George

Clark, Michael Francis

Corne, Robert Crocker, Thomas John Crowle, Kenneth Cullen, Anthony Desmond

Dahat, Sadashiv Marotrao, B.Sc. (Nagpur)

Darby, Lewis Arthur David, John Anthony Griffiths Davies, David Thomas

Davies, David Williams Davies, Gruffydd David Donaldson

Davies, Ieuan Davies, John Howard S. Agricultural Chemistry, H.1. Zoology including Agricultural Zoology

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

I. Botany, I. Chemistry, I. Pure Mathematics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

S. Agriculture, S. Agricultural Botany S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

H. Agricultural Botany, I

I. Botany, I. Zoology F. Agriculture, S. Agricultural Chemistry, I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Zoology

S. Agricultural Chemistry,

I. Pure Mathematics

H. Agriculture, II (1), S. Agricultural Zoology

S. Agricultural Chemistry, I. Botany

I. Botany, I. Chemistry, I. Zoology S. Agricultural Chemistry

F. Agriculture, H.1. Economics with Agricultural Economics.

F. Economics with Agricultural Economics.

I. Chemistry, I. Botany, I. Geology

I. Chemistry, I. Zoology

F. Agriculture, H.1. Chemistry with Agricultural Chemistry

I. Zoology

F. Agriculture, S. Agricultural Botany, F. Economics

H. Agricultural Botany, II (1)

S. Agriculture, S. Agricultural Botany, S. Botany

Davies, John Mervyn

Davies, John Trevor Davies, William Thomas Teify (External) Devonald, Vivian George

Dubuis, Marguerite Elizabeth (External) Earle, Margaret Edwards, Edward Hugh Lewis

Edwards, John Delme

Edwards, Rhys Alun, B.Sc.

Edwards, Richard Sherborne Eldred, William Henry Enoch, Ivan Claude Evans, Alice Margaret

Evans, David Hugh, B.Sc.

Evans, Joseph Ashton Evans, Mary Jane Theophilus

Evans, William

Evans, William Gordon, B.Sc. Evans, William Morgan Eyres, Robert Gordon

Francis, Geoffrey Higgs

Gardner, Howard Stuart

Gardner, Sheila Ann Gale Gillham, Mary Eleanor

Godsell, Thomas Ernest

Green, Doris, Audrey

Griffith, Alison Ruth

Griffiths, David John

Griffiths, Ellis Griffiths, John Geraint Griffiths, Joseph Walter

Grufydd, Meinir Harberd, David James Harris, Brian James

Harris, James David Angell, B.Sc.

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Zoology

F. Agriculture, S. Agricultural Botany, H.1. Botany

F. Economics with Agricultural Economics

I. Botany, I. Zoology

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

H. Chemistry with Agricultural Chemistry, II (2)
I. Botany, I. Chemistry, I. Zoology
I. Botany, I. Chemistry, I. Zoology

F. Agriculture, H.1. Botany

F. Agriculture, S. Agricultural Botany, H.1. Botany

H. Economics with Agricultural Economics, II (1)

I. Pure Mathematics

S. Agriculture, S. Agricultural Botany, S. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

H. Agricultural Botany, II (2)

I. Chemistry, I. Zoology
S. Agriculture, S. Agricultural Botany,
S. Botany, S. Agricultural Economics S. Agriculture, S. Agricultural Botany,

S. Agricultural Chemistry, S. Chemistry S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

S. Agricultural Botany, S. Zoology S. Agriculture, S. Agricultural Botany,

S. Agricultural Chemistry, S. Botany F. Agriculture, H.1. Economics with Agricultural Economics

F. Agriculture, S. Agricultural Chemistry, S. Zoology

S. Agriculture, S. Agricultural Botany, S. Zoology

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Economics

H. Agricultural Botany, I

I. Botany, I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Pure

Mathematics

S. Agricultural Chemistry

H. Agricultural Botany, I

S. Agriculture, S. Agricultural Botany, S. Botany

H. Agricultural Botany, II (1)

Hasberry, Basil Joseph

Higgins, Graham McLean

Hodges, Michael Macdonald Holden, John Herbert William Holmes, Thomas David

Hopkin, David Elias Llewelyn Hopwood, Lewis Granville Hughes, Harold Victor, B.Sc.

Hughes, Robert Bryan

Hunnam, Douglas Imhof, John Arthur

James, Gladys Evelyn

James, Marion Elizabeth

James, Phyllis Mary

Jenkins, David Joseph Wynne

Jenkins, David Peregrine, B.Sc.

Jenkins, John Ellis Erasmus, B.Sc. Jenkins, William Lloyd

Jennings, Derek Leonard

Jennings, Muriel Winifred John, David Iorwerth Jones, Edward Evans, Jones, Gerald Lloyd Jones, John Dewi, B.Sc.

Jones, Keith Jones, Noel Rees

Jones, William David Gwynn Joseph, Gwilym Morgan

Lazenby, Alec

Lewis, David John Lewis, Geoffrey Roger Lewis, Gerwyn James

Lewis, John Watts Lloyd, John Hywel James Maddox, John Mortimer

S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Chemistry I. Botany, I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Botany,

F. Botany I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry, I. Geology H. Agriculture, II (1), S. Agricultural

Zoology F. Agriculture, S. Agricultural Botany,

H.1. Chemistry with Agricultural Chemistry

F. Agriculture, S. Agricultural Botany S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

F. Agriculture, S. Agricultural Botany, H.1. Botany

F. Agriculture, S. Agricultural Botany, H.1. Botany

F. Agriculture, S. Agricultural Chemistry, H.1. Zoology including Agricultural Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

H. Agriculture, III, S. Agricultural Zoology

H. Agricultural Botany, II (1) H. Chemistry with Agricultural Chemistry, I

S. Agriculture, S. Agricultural Botany, S. Botany

I. Botany, I. Chemistry, I. Zoology S. Agricultural Botany, I. Botany

I. Botany, I. Chemistry, I. Physics S. Agricultural Chemistry

H. Chemistry with Agricultural Chemistry, II (1)

H. Agricultural Botany, II (1) S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry

S. Agriculture, S. Agricultural Chemistry S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Economics

F. Agriculture, S. Agricultural Botany, S. Botany

I. Botany, I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

S. Agriculture

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

Marks, Gwynfryn Ellis

Matthew, Jean Elizabeth Maybury, Ronald Barrett Messing, Janusz Henryk Leon

Misra, Brundaban, B.Sc. (Utkal)

Morgan, Dennis Edwin

Morgan, Keith Edgar Morgan, Thomas Bryan

Morgan, Timothy Richard Morgans, Rowland

Morten, John Harold

Mottram, Kay Dominic

Nangle, Mary Josephine

O'Brien, Colin Oldaker, Kathleen Margaret Osborne, Alan

Owen, Benjamin David Rinaldo Parr, William Henry

Philpin, William Canton Pinner, Robert Hans (External) Plant, Marion Sheila Corris

Powell, Morgan Tudor Thomas Pryor, Nigel John Rawson, John Edwy

Rees, David Victor Herbert Rees, Hubert Rees, John Elias Rees, John Ifor Havard Roberts, Alun Robinson, Winifred Rock, Edward Peter, B.Sc.

Rock, John Denys Rook, John Allan Fynes

Rowland, Philip Francis Marchant, B.Sc.

Rowlands, Hazel Elizabeth

Sadd, Joseph Edward William

Scott, Philip

F. Agriculture, S. Agricultural Botany, H.1. Botany

H. Agricultural Botany, II (2) I. Botany, I. Physics, I. Chemistry F. Agriculture, F. Chemistry with

Agricultural Chemistry

F. Agriculture, F. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

S. Agriculture, S. Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry I. Botany, I. Chemistry, I. Zoology

F. Agriculture, H.1. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Botany,

S. Agricultural Chemistry, S. Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

I. Zoology

F. Agriculture

H. Agriculture, II (2), S. Agricultural

I. Botany, I. Chemistry, I. Zoology H. Chemistry with Agricultural Chemistry, I.

I. Botany, I. Chemistry, I. Physics

S. Agricultural Botany.

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

S. Agriculture, S. Agricultural Botany S. Agricultural Botany, S. Botany S. Agriculture, S. Agricultural Botany,

I. Chemistry, S. Economics S. Agricultural Botany, S. Botany

I. Botany, I. Chemistry, I. Zoology

I Botany, I. Zoology S. Botany

I. Botany, I. Zoology

S. Agricultural Botany, S. Botany H. Chemistry with Agricultural Chemistry, II (1)

S. Agriculture, S. Agricultural Botany H. Chemistry with Agricultural

Chemistry, I H. Agricultural Botany, II (2)

F. Agriculture, S. Agricultural Chemistry

F. Agriculture, S. Agricultural Botany, H.1, Botany.

I. Botany

Seaton, Richard Dennis

Shende, Rambhaoo Motiram, B.Sc. (Nagpur)

Simpson, Christopher John Harry

Slaymaker, John Owen

Southam, Kathleen Sheila

Spencer, Douglas Malcolm

Stephens, Marie Noel

Sullivan, Gordon David

Thomas, Einydd

Thomas, Ivor James, B.Sc.

Thomas, Paul Rhys

Thomas, Robert Llywelyn, B.Sc.

Thomas, William David Bryn Townrow, Barbara Welburn

Walters, Martha Eleanor

Waterson, Herbert Anthony

Watkins, Richard Henry

Wheeler, Emily Dorothy

Wightmore, Eric

Williams, Albert James Sayce

Williams, Evan Lewis

Williams, Huw Llywelyn

Williams, James Brynley (External) F. Agriculture

Williams, Thomas Granville

Williams, Thomas Rees

Wilson, Geoffrey Maynard

F. Agriculture, S. Agricultural Botany, F. Botany

F. Economics with Agricultural Economics

F. Agriculture, H.I. Zoology including Agricultural Zoology

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

S. Agriculture, S. Agricultural Botany, S. Botany, I. Chemistry

F. Agriculture, S. Agricultural Botany, S. Botany

H. Agriculture, II (2), S. Agricultural

Economics F. Agriculture, S. Agricultural Botany, F. Botany

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

H. Economics with Agricultural Economics, II (1)

F. Agriculture, S. Agricultural Chemistry H. Agriculture, III, S. Agricultural

Zoology

F. Agriculture, S. Agricultural Chemistry F. Agriculture, S. Agricultural Botany, H.1. Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry

F. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

F. Agriculture, S. Agricultural Botany, S. Economics

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

S. Agriculture, S. Agricultural Botany, S. Botany, S. Agricultural Economics

S. Agricultural Botany, S. Botany, I. Chemistry

I. Chemistry, I. ZoologyI. Botany, I. Zoology

### Faculty of Law

Aslett, Megan Salisbury (nee Ffoulkes-Williams) Bevan, Hugh Keith

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law Pt. I. Constitutional Law, Pt. I. Criminal

Law, Pt. I. International Law, Pt. I Contract and Tort

Bowen, William Armistice

Daniels, Douglas Gattie Davies, David Levric

Davies, David Walters

Davies, Eryl Lynn Jones

Davies, Francis John Keith

Davies, Geraint Ceredig

Davies, Glyn Howell

Davies, Gwilym Prys

Edwards, David James Phillips

Evans, Freda Rhys

Evans, Gwilym Dylan Evans, Margaret Eleri

Evans, Roland David Wynton

Evans, Thomas Emlyn

Griffiths, David Wynmor Lewis

Griffiths, Gwilym Parry, LL.B. Griffiths, John Aled

Harris, John Owen

Hooson, Hugh Emlyn

Howells, Richard William Lawson

Hughes, Hywel Ellis

James John Frederic Wallis

Jefferies, Michael Cliffordd, LL.B. Jonathan, Samuel Kenyon

Jones, David Alun Rhagfyr

Jones, Donald Roberts

Jones, John Humphreys

Jones, Lewis

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract and Tort

Honours Law, II (2)

Pt. II. Roman Law, Pt. II. Common Law, Pt. II Equity, Pt. II. Land Law

Pt. II Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II Land Law Pt. I. Criminal Law, Pt. I. International

Law

Pt. II. Roman Law, Pt. II Common Law,

Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II. Common Law, Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II Common Law, Pt. II. Equity, Pt. II Land Law

Pt. I. Constitutional Law, Pt. I. Criminal

Law, Pt. I. International Law, Pt. I. Contract and Tort

Pt. II. Roman Law, Pt. II Common Law, Pt. II. Equity, Pt. II Land Law

Pt. I. Constitutional Law, Pt. I. International Law, Pt. I. Contract and Tort

Honours Law II (1)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract and Tort

Pt. II Roman Law, Pt. II Common Law, Pt. II. Equity, Pt. II Land Law

Pt. II. Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law Honours Law, II (1) Pt. II Roman Law, Pt. II Common Law,

Pt. II Equity, Pt. II Land Law Pt. II Roman Law, Pt. II. Common Law

Pt. II Equity

Pt. II Roman Law, Pt. II Common Law Pt. II Equity, Pt. II Land Law Pt. II Roman Law, Pt. II Common Law,

Pt. II Equity, Pt. II Land Law

Honours Law II (2)

Pt. II Roman Law Pt. II Common Law, Pt. II Equity

Honours Law, I

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law Pt. II Roman Law, Pt. II Common Law,

Pt. II Equity, Pt. II Land Law, Pt. I. Constitutional Law, Pt. I. International Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law

Pt. I. Criminal Law

Jones, Tegid Owen Lee, John Aelwyn

Lewis, Ivor Wyn

Lewis, John Richards Leyshon, Graham Trevor

Meredith, John Marshall Lloyd

Moyle, Roland Dunstan

Price, Dewi Irfon

Prichard, John Leslie, B.A.

Prydderch, Gwilym, B.A. Rees, Breuan Morgan Rees, Marianne Valentine

Roberts, Hugh Eifion Pritchard

Sallis, Thomas

Smith, David Edward

Smith, Graham Lennox Thomas, David Montague Skidmore Williams, Owen Glyn Williams, William Raymond

Yateman, Peter Alan Dorsett Young, Thomas Frederick Green Honours Law, II (2), Pt. II Equity Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I.

Contract and Tort

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law Honours Law, II (1)
Pt. II Roman Law, Pt. II Common Law, Pt. II Roman Law, Pt. II Common Law, Pt.

Pt. II Equity, Pt. II Land Law

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract and Tort

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract and Tort

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract and Tort

Pt. II. Roman Law, Pt. II Common Law, Pt. II Equity

Honours Law, II (1) Honours Law II (1)

Pt. I. Criminal Law, Pt. I. International

Law, Pt. I Contract and Tort. Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II. Land Law

Pt. I Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law

Pt. II Roman Law, Pt. II Common Law, Pt. II Equity, Pt. II Land Law Pt. II Common Law, Pt. II Equity Honours Law, II (2)

Honours Law, II (1) Pt. II Roman Law, Pt. II Common Law, Pt. II. Equity, Pt. II. Land Law Pt. II Roman Law, Pt. II Common Law, Pt. I Criminal Law, Pt. I. International

Law, Pt. I Contract and Tort

### Faculty of Music

Moore, Gwenda Mary Margaret

F. Theory of Music, F. Composition.

### Pass List of Candidates presented for College Examinations Only.

### Dairy Students

(a) The following students have been awarded the College Certificate in Dairying:-

> Davies, Margaret Ann Evans, Mary Elizabeth

### (b) The following students have been awarded the College Diploma in Dairying:-

Bousfield, Renee
Brooker, Margaret Catherine
Elizabeth
Browton, Dorothy Nellie
Davies, Menna
Diggory, Bridget Ellen
Evans, Freda
George, Gwyneth Irene
Grant, Eilean Mary
Holcombe, Eirian Glenys Joan
Hughes, Mair Eluned

James, Olive
Jones, Jane Eurwen
Lewthwaite, Jessica Piari
Mathew, Kollamparampil
Chacko
Newmarch, Helen Mary
Pollard, Joyce Eluned
Rowlands, Eurwen
Rook, Muriel Elizabeth
Smith, Beryl
Wilkins, Mary

2. College Diploma in Anthropology

The following candidate has qualified for the College Diploma in Anthropology:—

Hughes, Ieuan Williams, LL.B.

## 3. College Certificate in Biblical Studies The following have qualified for the College Certificate in Biblical Studies:—

# Class I Corfield, Alwyn Rosemary, B.A. Harries, Mairwen, B.A. Howells, Jennie, B.A. Jenkins, David, B.Sc. Williams, David John Owen, B.A. (Cantab.)

# Class II Corfield, Eric Wilfred, B.A. Davies, Eleri Eirug, B.A. Davis, Ifan Percival, B.A. Evans, Evan David, B.A. James, Margaret Annie Mary, B.A. Jones, William Glyn, B.A. Llewelyn, John Eirwyn, B.A. (Lampeter) Rees, David John, B.A. Watkins, Watkin Stanley, B.A. (Lampeter)

Special Ex-Service Group, 1946.

Evans, Emlyn Wynne, B.A. Evans, Kenneth, B.A. Gwenlan, Thomas Bevan, B.A. Morgan, Daniel Trevor, B.A. Pain, Hy. Williams, B.A.

### V. HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff:—

Degree of M.A.

Ruth Ellen Alice Jones, B.A.
Ralph Mansell Prothero, B.A.
Philip George Sudbury, B.A.

Department
History
Geography and Anthropology
Welsh History

Degree of M.Sc.

David Talwyn Davies, B.Sc.
Gwilym Owen Evans, B.Sc.
Douglas Nigel Fidler, B.Sc.
Eric Neil Jenkins, B.Sc.
David Kenneth Jones, B.Sc.

Geography and Anthropology Animal Health Animal Health Chemistry Agricultural Botany Evan William Jones, B.Sc. Meurig Jones, B.Sc. Brian Roy West Pinsent, B.Sc. Doreen Elizabeth Roberts, B.Sc. Robert Roberts, B.Sc. Chetlur Venkataramana Chandra Sekhar, B.Sc. (Madras) John Williams, B.Sc.

Botany Geography and Anthropology Chemistry Geography and Anthropology Chemistry

Animal Health Applied Mathematics

Degree of Ph.D.

William Henry Rees, M.A. (Liverpool) Alwyn Williams, B.Sc. Geography and Anthropology Geology

# VI. EXAMINATION FOR TEACHERS' DIPLOMA AND CERTIFICATE, 1947

### University of Wales Teachers' Diploma

### CLASS I

Ellis, Tecwyn, B.A.
Harries, Isaac John Howard B.A.
Howells, Jennie, B.A.
Johnes, Myrddin Hugh, B.A.
Jones, David Charles, B.A.
Jones, Henry David Johnston,
M.A. (Oxon.)
Prothero, David Kempton Curtis,
B.A.
Rees, Margaret Elizabeth Gwenda,

B.A. Williams, David John Owen,

B.A. (Cantab.)

### CLASS II

Beckett, Evelyn Marcia Homer, B.A. Bevan, Edythe Joan, B.A. Bond, Eric Richard, B.Sc. Corfield, Alwyn Rosemary, B.A. Corfield, Eric Wilfred, B.A. Crook, William Charles David, B.Sc. Cuffin, Mary Brenda, B.Sc. Davies, Annie Elizabeth, B.Sc. Davies, Brenda, B.Sc. Davies, Eleri Eirug, B.A. Davies, Elizabeth Verena, B.A. Davies, Harry Lawrence, B.A. Davies, John, B.A. Davies, Myrddin Volander, B.A. Davies, Thomas John. Watkin, B.A. Davies, Trevor Arnold, B.A. Davies, Trevor Benjamin, B.Sc. Davis, Ifan Percival, B.A. Edwards, Heulwen Cicely, B.A. Edwards, Nancy, B.A. Emlyn-Jones, Nona, B.A.

Harry, Mary Gwynneth, B.A. Hughes, Elizabeth Beryl, B.A. Hughes, George Melville, B.Sc. Hughes, Joan Mary, B.A. Humphreys, Janet Auburn, B.Sc. Isaac, Evan John, B.A. James, Margaret Annie Mary, B.A. Jenkins, David, B.Sc. Jenkins, Enid Gwyneth, B.A. Jenkins, Howard, B.Sc. Jones, Barbara Iolen, B.A. Jones, David Daniel, B.Sc. Jones, Dilys Ivor, B.A. Jones, Myra, B.A. Jones, William Glyn, B.A. Jones, William Howel, B.A. Lewis, Doris Winifred Anne, B.A. Lewis, Reginald Fairhurst, B.A. Lewis, William John, B.A. Llewellyn, Alice Mary, B.A. McClelland, James Charles, B.Sc. Michael, Thomas Vaughan, B.Sc. Morris, Thomas Reginald, B.Sc. Morris, William, B.Sc. Owen, John Glyn, B.A. Parsons, Roland, B.A. Pattimore, Dorothy Yvonne, B.Sc. Phillips, Ewart Douglas, B.A. Phillips, Mair Beynon, B.Sc. Phillips, William David, B.A. Pickering, Sheila Rhiannon, B.A. Powell, Mervyn James, B.Sc. Prytherch, Peggy, B.A. Rees, David John, B.A. Reynolds, Moyra, B.Sc. Roberts, Agnes Freda, B.A. Roberts, Mair Waldo, B.Sc. Roberts, Oliver, B.A.

Evans, Evan David, B.A. Evans, Leslie B.Sc. Evans, Llinos, B.A. Evans, Margaret Gwendoline, B.A. Green, Horace Seymour, B.A. Greville, David John, B.Sc. Griffiths, Anne Jane, B.A. Griffiths, Islwyn, B.A. Griffiths, Megan, B.Sc. Harries, Mairwen, B.A.

Rogers, John Milton Davies, B.A. Smart, Mary Kathleen, B.Sc. Thomas, Eirwen, B.A. Thomas, John Husband, B.A. Thomas, Mary Elizabeth Megan, Thomas, Owen Gruffydd, B.Sc. Williams, Henry Wynn, B.Sc. Williams, Hywel, B.Sc. Williams, Megan Briall, B.Sc.

### Ministry of Education Teachers' Certificate

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:-Llewelyn, John Eirwyn, Evans, Mary Eira, B.A. (Lampeter) Steele, Valerie Elizabeth, B.A. Gough, Constance, B.A. Hughes, Nancy, B.A. Jacobs, Bertha Mary, B.A. Watkins, Watkin Stanley, B.A. Lewis, Aileen, B.Sc. (Lampeter) Lewis, Eleanor, Nesta, B.A.

### Examination for Teachers' Diploma and Certificate Special Ex-Service Group

### September 1946.

### University of Wales Teachers' Diploma Class I

### CLASS II Auld, Albert James, B.A. Barnes, Thomas Anthony, B.A. Bowen, Ivor, B.A. Davies, David Thomas Morgan, B.Sc. Davies, Ieuan Elfed, B.A. Evans, Emlyn Wynne, B.A. Evans, Kenneth, B.A. Griffiths, William John, B.A. Gwenlan, Thomas Bevan, B.A. Hastings, John Roland Brayford B.A. Thomas, Neville Meurig Graham, Johns, John Francis B.A. Jones, Alun, B.Sc.

Adlen, Ronald Michael, B.A.

Evans, Arthur Frederick, B.A.

Harris, Leonard Thomas, B.A.

Jones, Gwyn, B.A. Jones, Ronald Matthew, B.A. Lewis, Clement Richard, B.A. Llewellyn, William Leonard, B.Sc.

Morgan, John Robert, B.A.

Thomas, Joseph B.A.

Nicholas, Robert Allen, B.A.

Morgan, Daniel Trevor, B.A. Morris, Thomas Rufus, B.A. Parker, Bertram Lloyd, B.Sc. Roberts, Hugh Ronald, B.Sc. Short, Edwin Graham, B.A. Walters, Walter Edmund, B.Mus.

### Ministry of Education Teachers' Certificate

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:

Gravell, John David, B.Sc.
Lewis, Haydn Francis, B.Mus.
Pain. Henry William, B.A.

### DEPARTMENTAL REPORTS

### CLASSICS

### PROFESSOR E. D. T. JENKINS

Greek showed some gratifying features, namely, a considerable increase in numbers as a whole, noticeable industry and progress on the part of beginners, and the quality of the work at the Final and first year Honours stages, which the External Examiner described as 'admirable.'

In Latin a comparison with Session 1945-1946 shows this year an appreciable increase in the numbers offering Intermediate, but a decline in Subsidiary. Unfortunately, in neither grade was the quality of the performance as good. This may be explained in Intermediate by the fact that many students, after starting off well, tended afterwards to neglect the Set-Books, with bad results. Two students in Subsidiary give excellent promise, but expect to read for Honours in some other subject. At the Final Grade two students were distinctly good, while the Honours results, which included two Second Classes, Division I, may be regarded as entirely satisfactory.

The prospects for Honours both in Greek and in Latin for the next three years afford considerable promise, owing to the recent return to College of several ex-service students whose courses had been interrupted after one or two years of study, and some of these may be expected to do well.

As this is the last time that I shall have the honour of reporting on the work of the Department, I may be permitted to re-affirm my belief that there are still strong grounds for the retention of Greek and Latin in any sound scheme of education. Everything points to the view that we are at a critical period in the world's history; if this is so, our classical heritage from Greece and Rome has a work to perform in strengthening and educating democracy, just as it exercised a mighty influence at former critical epochs, such as the beginnings of Christianity, the times of the Renaissance, of the Reformation, and of the French Revolution. The love of freedom and the willingness to take reason as their guide, so characteristic of the Greeks, and the wonderful legal and political institutions of the Romans have lessons for us to-day, and can be best understood by drinking at the fountain-head.

In conclusion, I desire to thank cordially my colleagues, and in particular Mr. Arnold M. Duff, for their loyal support at all times, also many generations of students for their unfailing courtesy and kindness, and to extend my sincerest good wishes to my successor, Mr. W. H. Davies.

### Publications

### Mr. A. Hudson-Williams

Notes on Dracontius, Class. Quart. Vol. XL (1946), pp. 92-100. (Continuation of Class. Quart. Vol. XXXIII (1939), pp. 157-162.) The Classical Quarterly has accepted a further paper for publication either in the October or succeeding number (about 11-12 pages).

### ECONOMICS AND POLITICAL SCIENCE

### Professor R. B. Forrester

Progress of Classes

The full tide of post-war numbers flooded the classes this Session and the total including both degree, research and special students was over 200.

The Subsidiary class rose to 116, the highest number known in the development of the department; the students were drawn from the Faculties of Arts, Science, and Rural Science, and a notable feature was the presence of large numbers of ex-service men whose maturity, common sense and experience served them well in a study of this kind. The percentage of failures, 22, is fairly high but as the Senate has decided to allow ex-service candidates to re-sit the examination in September, the real number of failures will probably be much less. The class worked well and there were many members who showed distinct promise and a decided taste for the subject.

At the Final stage there were 45 students of whom 33 took the regular Economics course, 5 took Economics and International Politics, and 7 took Economics with Agricultural Economics. The record of this class was good and a considerable number of students have built up a useful background of knowledge for further economic studies. The number taking statistics was over 20 and valuable work was done in this growing sub-department by Mr. Percy George. A new experiment was the introduction of a special course on economic theory taken by Dr. Arthur Beacham. This was designed to assist men going forward to Honours.

There were 15 candidates for the Honours degree, of whom two took

Economics with Agricultural Economics and three took International Politics as an optional subject. They were a steady team and eight were placed in the Class II, Division I, three in Class II, Division II, and three in Class III,

while one withdrew from the examination.

Mr. Richard Hall Williams, B.Sc., has been awarded a scholarship by the Welsh Economic Development Association to undertake research and Miss Esme Daniel, B.A., has won the American Bryn Mawr Scholarship in open

competition with women graduates of other British Universities.

Three post-graduate research students worked in the Department during the year: Mr. Gwyn Watkin, B.A., on the "Economies of Large Scale Production," Mr. Hathren Davies, B.A., on "Bulk Purchase in International Trade," and Miss Gwen Evans on "The Welsh Woollen Industry." All have made good progress with their dissertations.

### General:

(a) In view of the great increase in the amount of lecturing, tutoring, essay work and examining, efforts have been made to obtain additional members of staff and in spite of the serious shortage of adequately trained economists it is hoped to obtain increased help for next Session; the pressure on staff has obviously been very heavy and words of thanks are due to Mr. Percy George, Dr. Beacham, and Mr. Morris for carrying the extra strain involved.

The Development Commission has made additional grants to enable the investigation into "Industries in Welsh Country Towns" to be completed within the next few months. This inquiry has been conducted under my general supervision with Dr. Arthur Beacham as chief investigator and with

Mr. Flynn Hughes, M.A., as assistant Research Officer.

(c) As mentioned in the last report, inquiries were proceeding into courses in public business and colonial administration in other universities. These have now reached such a stage that plans and proposals to introduce such courses into the curriculum in this College will be placed before the academic authorities next Session.

### EDUCATION

### Professor Idwal Jones

Since writing the last report, I have to record the completion of two courses of professional training in the Department. The special course instituted in January, 1946, to meet the needs of demobilized service men was successfully concluded in the Autumn. The keenness, enthusiasm and industry of this group were reflected in the examination results, and the Department is satisfied that the extra demands made on its academic and administrative resources were fully justified.

The professional training students, who commenced in September numbered 98. The Department is not staffed to cope with this number, but part-time assistance has been given willingly by Professor E. G. Bowen, Dr. A. Beacham, Mr. J. I. Platt; and in school practice tutoring and supervision by Mrs. Elizabeth Davies. In the University Diploma Examination in June, nine students gained First classes in both Theory and Practice.

The arrangements for Biblical Studies were slightly altered this Session. The Reverend Principal G. A. Edwards kindly accepted an invitation from the College to be responsible for Part I of the College Certificate in Biblical Studies, a course given to "Recognised" students in their second academic year. This group, which numbered 44, did excellent work and the examination results were highly creditable. The Department is deeply grateful to Principal Edwards for his work. In the special professional group, five were awarded the College Certificate in Biblical Studies, whilst in the normal professional group, fourteen qualified for the Certificate, five being placed in Class I. The Reverend Hugh Bowen, who held a joint appointment in the Departments of English and Education for the Session, gave valuable assistance in this course.

A new development during the Session requires mention—the introduction of a practical course in Dramatic Art and Technique for intending teachers. It is too soon to report on this course, but it has made a promising

start.

The usual thanks must be expressed to Directors and Heads of Schools for their ready and loyal co-operation in the work of training teachers. The Department will especially miss Miss Lilian Davies, B.A., the Headmistress of Alexandra Road Girls' School, who has recently retired. For a long period, Miss Davies has given unstinting service not only as a Headmistress but as Instructress in Needlework in the College.

The quality of the Final degree class in Education with one exception was only average, but the comparatively large Subsidiary class had some very

promising students.

Two new permanent members of the staff were welcomed during the Session—Mr. Scott Nisbet as Instructor in Art and Mr. J. L. Morrison as Lecturer in Education. The Department extends its cordial congratulations to a former member, Mr. Ifan ab Owen Edwards, on receiving the honour of Knighthood.

### Publications

Professor Idwal Jones

C. E. Spearman: Efrydiau Athronyddol 1946, Reviews; Welsh and English Periodicals.

Mr. A. Pinsent

Method of Health Education: Part I Health Education Journal, Vol. V. 1 Jan., 1947. Part II Health Education Journal, Vol. V. 2 April, 1947. The Secondary Schools and the Social Order. Le Play House Bulletin. Institute of Sociology. Education Section No. 2, March, 1947.

Review Articles. (1) 40 Years of Educational Research. Journal of Education. July, 1947. (2) Spotlight on the U.S.A. Journal of Educa-

tion. August, 1947.

### Art and Crafts

ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES

Mr. Gapper reports:-

"The Intermediate Art class was up to the average and did very satisfactory practical work. Thanks have to be recorded to Dr. Hopper, of the Classics Department, for help to this class by lecturing on Egyptian and Greek Art.

The Department had to cope with an unusually large number of 'Recognised' students in the Teachers' Training Department, particularly of ex-Service students. For intending teachers, a comprehensive Art course would be the more valuable course, but students are apt to confine themselves to a particular craft. A satisfactory level was attained in the various crafts and this is shown by the award of 8 credits in Art, 7 in Needlework and Handwork and 6 in Woodwork.

Interesting work was done by Miss Gwen Davies in the production and

application of vegetable dyes to Welsh wool.

Mr. Scott Nisbet, who arrived this Session, has stimulated a keen interest in the technique of Painting by his teaching and by his own creative work.

Members of the Department have been called on to adjudicate works of Art, to arrange Art and Crafts exhibitions, and to advise and carry out decorations in the Women's Common Room. I completed two commemorative tablets in sycamore for Coleg Harlech and a bronze portrait in relief of Sir George Fossett Roberts for the National Library.''

### Art and Craft Gallery

CURATOR: MR. R. L. GAPPER

Most of the exhibits were restored to their places in the Gallery by last Christmas and progress has been made in overhauling collections and maintaining them in good condition. Cases have been rearranged but a good display is difficult owing to the number of large cases being more than the Gallery can suitably cope with.

The President, Dr. Thomas Jones, has presented to the College six framed etchings by Mr. Fred Richards, A.R.C.A., bearing the following titles:

The Bookshop, Cairo
The Ponts Vecchio
The Nile at Luxor
Excavations at Thebes
The Rialto
Venice from the Isle of S. Elena.

The Staff Common Room has been cheered by the hanging of a painting by Mr. Ceri Richards, A.R.C.A., which was gratefully loaned by the Welsh Contemporary Art Society. The members of the Staff have greatly appreciated this loan.

An exhibition of Drawings and Paintings by the Merthyr Art Society was held between 26th-31st May under the auspices of the Arts Council of Great Britain, and Mr. David Bell, the Council's Art Director for Wales, has been most helpful in his support. This exhibition did not prove as attractive as might have been desired.

Loans of pictures were renewed to the Students Hostels.

### ENGLISH

### Professor Gwyn Jones

The year has been on the whole a satisfactory one, marked by no surprises. Classes have necessarily been bigger, and the Intermediate class actually exceeded fifty in number. Even so, the increase in Staff has permitted more written work at all grades. The Final class was not as good as it has been for some years back, but the best of the Honours group were very good indeed.

Changes in Staff continue. During the Session we had the useful services of the Reverend T. Hugh Bowen, M.A. (Oxon.), but the appointment has now terminated, and Dr. R. G. Cox, who joined us in October last, has moved on to a more senior post at Manchester University. We wish both these gentlemen good fortune in their future careers. The problem of staffing the medieval and linguistic side of the Department has not yet been solved, nor can there be much confidence in an improvement next Session.

It is now possible for an Honours student reading medieval literature to follow a course in Middle Welsh: the experiment has been entirely successful, and we are most grateful to the Professor of Welsh for his sympathy and cooperation, and to Mr. Thomas Jones who has conducted the course throughout the year.

The English Society has had a busy and successful year. In March the Society produced O'Casey's "Juno and the Paycock." The Department recognises that the absence of the "live" theatre from Aberystwyth is a major disadvantage to all students in residence, and to our own students of the English drama in particular, and has tried in three ways to find a remedy: by play-readings each week, by an annual production of the highest possible standard, and by using the new departmental grant to subsidise the visit of some thirty students to a performance of both academic and intrinsic worth (this year, a visit to Stratford-on-Avon to see Shakespeare's "King Richard II"). Dr. Armstrong deserves particular mention here for his untiring efforts as producer and organiser.

### Publications

Professor Gwyn Jones

The Green Island. A novel with woodcuts by John Petts. Pp.84. Golden Cockerel Press. 84s and 42s.

Mabinogi and Edda: Transactions of the Viking Society, Vol. XIII, Part 1, Pp. 23-47.

Branwen Daughter of Llyr: in Life and Letters, Vol. 52. No. 115, pp. 161-70.

Editor:

The Welsh Review.

Alun Lewis: Letters from India. (With Mrs. Alun Lewis.) Pp. 97. Penmark Press. 42s. and 15s.

Dr. W. A. Armstrong

The Elizabethan Conception of the Tyrant: in Review of English Studies, Vol. XXII. No. 87. pp. 161-181.

Mr. J. M. Nosworthy

The Structural Experiment in Hamlet in R.E.S., Vol. XXII, No. 88, pp. 282-8.

### FRENCH

### Professor E. R. Briggs

The Department has welcomed this Session the assistance of Mr. O. R. Taylor, M.A. (Wales), from the University of Glasgow, in meeting the heavy demands of a student population increased by nearly 40% over last Session. Although Emeritus Professor A. Barbier and Mrs. Denise Taylor have also rendered very valuable part-time assistance, the burden of practical work has made it an arduous Session for all concerned, and the immediate future

must continue to exact the most devoted service of the teaching staff.

The Intermediate class was uneven and disappointing in its performance owing to almost complete ignorance of the structure of languages, including their own. The same was also true of the Subsidiary class in far too many cases, and the deterioration of linguistic standards to which I referred in the last report is not less evident in the latest intake from the schools. larger Final class suffered from the same weakness, but it is pleasing to record that ex-service students in general were much less afflicted in this way, although most of them had no occasion to use French during their war service -a significant commentary upon what has happened in the schools! In other directions much good work was done by the Final class, which for the first time studied the XVIIIth century with evident interest. The Honours class shed three of its members in the course of the Session owing to various causes, finally achieving the good result of two in the First Class (one an unusually brilliant performance), two in the upper and six in the lower division of the Second Class. It should be added that the ex-service members greatly contributed to the general maturity of the class.

A considerable number of intending Honours students have already been accepted for temporary teaching posts in France next year, and it is hoped this system will go far to remedy the handicaps of war-time schooling for an important section of students. Three graduates have been pursuing advanced work in France this Session, one of them, Miss Olwen A. Lloyd, having secured a scholarship offered by the French Government. An ex-servic graduate, Mr. Myrddin Hugh Johnes, has obtained a valuable research studentship at the British Institute in Paris for next Session in open competition with graduates from all other British universities, while another ex-service student, Mr. G. E. Gwynne, after an exceptionally good First Class in June, was recommended for a University Studentship and also for one of those offered to British Graduates by the French Government—two notable feats.

The French Society had a very successful year, the principal feature of which was the excellent series of lectures upon French painting in the last 100 years delivered by M. Jean Bony, of the French Institute in London, under a generous arrangement sponsored by the French Government, this, it is

hoped, will continue to operate in future years.

### ' Publications

EMERITUS PROFESSOR A. BARBIER

L'Ecole de 1660, à propos de quelques ouvrages récents. French Studies, Jan. 1947.

### Reviews

DR. E. M. PHILLIPS

E. Henriot: Naissances, Paris 1946.

Dr. Véron: Mémoires d'un Bourgeois de Paris, ed. P. Josserand, Paris 1945.

EMERITUS PROFESSOR A. BARBIER

A. de Lamartine : Lettres des années sombres, Lettres inédites, ed. H. Guillemin, Correspondance générale de 1830 à 1848, vol. I. ed. M. Levaillant.

all in French Studies, Jan. and April, 1947.

### GEOGRAPHY AND ANTHROPOLOGY

PROFESSOR E. G. BOWEN

The Session has been a most successful one in spite of the very large number of students in residence and the entirely inadequate premises and equipment available. It became necessary to dismantle the Departmental museum which occupied four rooms on the top floor of the building and convert this space into extra mapping and reading rooms for students. museum exhibits relating to Wales have been transferred to the National Museum of Wales, Cardiff, for safe keeping and the remainder placed in storage. It is under such conditions of overcrowding and bad housing that an attempt has been made to build up a post-war Department on the lines indicated in the report of the special committee set up by the Senate at the request of the College Council in 1945 to discuss the teaching of geography and anthropology in the College. The present arrangement of courses fits in with the general outlook expressed in this report and may be said to be working entirely satisfactorily. In brief, the Department is now a Department of Geography as this term is understood in other British universities but with a bias in favour of human geography and not anthroplogy in the specialist sense of the term.

There have of necessity been several changes in the staff of the Department. Messrs. A. D. Rees, C. A. Fisher and E. Watson were appointed at the beginning of the Session, while Mrs. R. M. Whyte, who has held a temporary appointment since 1940, relinguished her post at the end of the Session. She has rendered valuable services to the Department in several

capacities during the difficult war years.

During the Session there have been five Higher Degree awards, including the award of the Ph.D. degree for the first time in the history of the Depart-Mr. W. H. Rees, M.A. (Liv.), D.U.R., was awarded this degree for a thesis in historical geography which dealt with the vissicitudes of the Welsh language on the Borderlands of Wales with special reference to its territorial distribution in modern times. Mr. Meurig Jones, B.Sc., and Mr. D. Talwyn Davies, B.Sc., were awarded the M.Sc. degree for theses in physical geography and Miss Doreen E. Roberts, B.Sc., for a thesis on cartography. Prothero, B.A., was awarded the M.A. degree for a thesis on the historical geography of the Bristol Channel area. It is worthy of note that the Department is producing a considerable amount of valuable research material both in physical and human geography—some of which is already attracting considerable attention. Three post-graduate students have been appointed to University posts directly from the Department this Session. There are several requests from post-graduate students for undertaking supervised research in the Department next Session but the facilities which can be offered at present are primitive in the extreme. The demands made on my time and that of my colleagues by this kind of work, valuable though it is; is particularly heavy in a Department that has so much undergraduate teaching to do.

The Honours class this Session numbered 30, twenty-seven of whom sat the Examination. This is the highest number ever recorded in the history of the Department, yet the number of candidates following the Honours course next Session will be greater still. Four candidates, Messrs. Howe, Ravenhill, Thomas and Turner were placed in Class I. It is significant that these are four men returning to college after long periods of National Service. Their work was of a very high standard. Twelve candidates were placed in the first division of the second class and eight in the second division; while three candidates were placed in Class III. There were only three failures at the Final stage in a very large class of sixty-three.

The standard of work at the Subsidiary level was not of such a high character. Out of the 66 who sat the examination, 15 failed to pass. The poor quality of the intake from the schools during and subsequent to the war years cannot be overlooked. A fall in general standards undoubtedly lies ahead.

### GERMAN

### PROFESSOR DAVID EVANS

The work in the Department has been good and steady throughout the Session. There were many ex-service men in the Department and some had benefited a great deal by their stay in Austria and Germany. The numbers are higher than usual, but the Subsidiary class may have lost some members owing to the smaller intake from the schools. The numbers next Session will also suffer probably for the same reason. Next Session's Honours class promises very well. For the first time the Swedish language and literature had a special paper at the Honours stage. Very excellent work has been done by Mr. T. P. Williams in this special subject. Mr. Williams has been given also the duties of Warden of the men's hostel and we wish him all success in this new responsibility. I welcome also Miss Kathleen Webber, B.A., D.Phil. (Oxon.), as an Assistant Lecturer in the Department after a very successful career as a student at Leeds and Oxford. Dr. Anita Williams assisted us during the Lent and Easter terms with the practical side of the work and we are grateful to her for her help this Session as well as during the war. The supply of books is still a cause of much worry and means a constant and continuous hunt throughout the year.

The work done by Staff and Students has been more successful than had

been anticipated at the beginning of the Session.

### HISTORY

ACTING HEAD OF DEPARTMENT: MR. SYDNEY HERBERT.

Professor Treharne was on leave of absence throughout the Session, holding a Leverhulme Research Fellowship. The Council was good enough to place me in temporary charge of the Department; it falls to me, therefore, to

present this report.

Professor Treharne's absence necessitated a temporary reinforcement of the staff and Miss Kathleen Edwards, M.A., Ph.D., was appointed to an Assistant Lectureship for the Session. She performed her duties with complete efficiency. This appointment made it possible to continue the tutorial work at all grades mentioned in the last report. The heavy increase in student members, however, inevitably reduced the utility of this work; groups were too large to be handled in a really satisfactory manner.

In the *Intermediate* class a strong infusion of ex-service students raised the standard of performance, but there were still too many students in-adequately prepared for University work. The *Subsidiary* class was very large; the energies of Dr. Saunders and Mr. Davies were heavily taxed to keep tutorial groups going. On the whole, a satisfactory standard of work was attained. The *Final* class was both large and good in quality; the high

proportion of ex-service students contributed to this gratifying result.

First Year Honours. This was a larger class and one of less even performance than last year's, but some members showed good promise. The Alun Lewis Memorial Prize went to Mr. R. F. Walker. Once again, inadequate training in Latin at school-badly hampered several members of this Class.

Second Year Honours. A most satisfactory Class, as the examination results show; three students were placed in Class I and six in Class II (1).

Post-Graduate. Mr. R. J. Kendall began a study of Slavery in the old French colonial empire but was interrupted by illness; we hope for his speedy restoration. Mr. Brynmor Thomas resumed the research he was carrying on in 1940. Miss R. E. A. Jones submitted the results of two years' work on the French Revolution period as a thesis for the M.A. degree; it was warmly commended by the examiners and she was awarded the higher degree.

General. Professor Treharne has been elected Vice-President of the Historical Association and will assume the editorship of its journal, History, in October. He was invited to be a member of a small delegation which visited Paris to confer with French historians, and there read a paper on The Importance of the Knights in the Thirteenth Century; this has appeared in the Bulletin of Historical Research. Mr. S. H. F. Johnston is writing the official history of the Cameronian Regiment and has pursued research for this purpose in Edinburgh and London. Dr. I. J. Saunders has continued his work on the medieval Baronage. Mr. Alun Davies has resumed his research on economic aspects of the French Revolution; he will work in Caen and Paris this summer. I have been associated with Professors V. G. Childe and Benjamin Farrington in the editing of a new series of historical manuals.

Former Students. Mr. Brynmor Thomas has been appointed a Resident Tutor in the Department of Extra-Mural Studies. Mr. Arthur Marsden has

been appointed to a similar post at University College, Hull.

The History Society had a successful Session. Thanks to the receipt of a grant from College funds a visit to Caernarvon Castle was made possible. Miss I. E. Edwards, M.A., B.Litt., lectured to the Society on the history of South Africa.

I am greatly indebted to my colleagues for their support and co-operation throughout the session.

### INTERNATIONAL POLITICS

Undergraduate Lectures

After an interval of six years, undergraduate tuition in the Department was resumed this Session. Four students pursued the Final course, and three the Honours course under the Economics and Political Science option. Lectures were given by Mr. John to both Final and Honours students on "International Relations since 1919," to Final students on "Political Theory and National Institutions," and to Honours students on a special subject, "The Economic Crisis in Central Europe and its Political Consequences." Of the four Final students, one failed. Next year the International Politics option at the Honours stage in History will be revived.

Public Lectures

Professor E. H. Carr delivered four public lectures during the Michaelmas and Lent terms. The subjects were "Some Lessons of the Paris Peace Conference," "The Soviet Union and the West," "Anglo-American Relations," and "Socialism in International Politics,"

Many additions are being made to the departmental library. After some delay it is hoped shortly to receive a regular supply of documents and reports of the United Nations Organisation. The Department is grateful to the Rev. Gwilym Davies for the gift to the Library of UNO and documents. Miss J. E.

Morris, Secretary to the department, continued to act as Librarian.

Professor E. H. Carr resigned from the Wilson Chair this Session after ten years as Head of the Department. During this period he has rendered great service to the Department and lent distinction to the Chair. Mr. I. G. John was appointed as Assistant Lecturer in the Department at the beginning of the Session, and has conducted the undergraduate work during this time.

### Publication

PROFESSOR E. H. CARR

The Soviet Impact on the Western World. (Macmillan).

### PHILOSOPHY

### Professor R. I. Aaron

The Department shared in the general increase in numbers, and also profited from the fact that the students now in College are so much more mature than usual. Amongst the ex-servicemen there are some promising philosophers. During the year the results throughout were satisfactory, particularly in the case of the Honours class which was an excellent one.

The need for increased staffing in the Department is very great. are now over a hundred students taking the subject, and we are the only department left on the Arts side with the complement of professor and two

lecturers.

### WELSH LANGUAGE AND LITERATURE

### PROFESSOR T. H. PARRY-WILLIAMS

The work of the Department during the Session was carried on in the usual manner. There was a considerable increase in the number of students registered, especially at the Intermediate stage. The Intermediate class was very uneven, with some unusually good students and a few who found it difficult in their first year to accustom themselves to University methods. As in the past, the Subsidiary class, with some second year students and a few well-equipped students direct from school, was on the whole of good quality, and most of those who passed the Sessional examination will probably proceed to Final. The Final class contained some promising First Year Honours Students. The Honours (Second Year) class this year was small as compared with last year's. Of the three that sat the Sessional examination, two were placed in the First Division of the Second Class. Under more favourable conditions, one of these might well have reached the First class. The third Honours student had, owing to a break-down, to leave after the third paper.

There were two post-graduate students pursuing research under the direction of the Department. Other research workers were advised and

directed from time to time during the Session.

One former member of the Department, Mr. Brinley Rees, M.A., who had taken First Class Honours in English and in Welsh, was elected to a University Fellowship. He spent the first year of his tenure in Dublin.

All members of the Staff have been actively pursuing research, in addi-

tion to departmental and other duties.

### Publications

Professor T. H. Parry-Williams.

Welsh Poetic Diction. British Academy Sir John Rhys Lecture. From the Proceedings of the Royal Academy.

"Croes Naid." Y Llinyn Arian, 1947.

Mr. Thomas Jones

Gerallt Gymro (Gerald the Welshman). Dwyieithog. Caerdydd: Gwasg Prifysgol Cymru, 1947. "Llên-Gwerin yn 'Nheithlyfr' Gerallt Gymro''. Y Fflam, Cyfrol 1,

Rhif 1, tt. 33-8. Y Bala, 1946. Dwy Stori Werin: 'Brenin Portugal' (o'r Llydaweg) a 'Tri Phos' (o'r

Wyddeleg) yn Y Llinyn Arian. Cwmni Urdd Gobaith Cymru, 1947. Erthyglau ar 'Breton Literature,' 'Cornish Literature,' 'Welsh Literature,' a 'Mabinogion' ar gyfer argraffiad newydd o Chambers's Encyclopaedia.

MR. GARFIELD H. HUGHES

"Herbert Jenkins." Cylchgrawn Cym. Hanes y Methodistiaid Calfinaidd, Mawrth, 1947.

Adolygiadau

"Y Greal" (Dyfnallt), Clychau Gwynedd (William Morris); Y Sanhedrin (Tegla), Gŵr y Dolau (W. Llewelyn Williams, gol. Thomas Jones), Unwaith Eto (Wil Ifan). The Welsh Review. Winter, 1946. Trwm ac Ysgafn (T. J. Morgan). The Welsh Review, Spring, 1947.

### WELSH HISTORY

### Professor David Williams

This Session, for the first time in the history of the College, a separate course in Welsh History, at the Subsidiary level, has been provided, covering the history of Wales from the earliest times until the present day, and enabling other students, as well as those within the Department of History, to study the subject. There has been, in addition, the fullest co-operation with the Department of History, and special courses in both medieval and modern Welsh History have been provided at the Final and, also, the Honours stages. Arrangements have now been made for the provision of yet another course on an aspect of Welsh History, this time within the Department of Economics and Political Science. Furthermore, continuing the assistance given last Session by Mr. T. Jones Pierce to students at the Theological College preparing for the Final B.D. degree, when a course of lectures was given on the Celtic Church in Gaul and Britain, the Sir John Williams Professor has this year delivered a course of lectures on Puritanism.

The time of both members of the Department has, of necessity, been largely taken up by the preparation of these new courses of lectures. They have, however, together supplied the whole of the material on the history of Wales (a considerable quantity in all) for the forthcoming new edition of Chambers's Encyclopaedia. Mr. T. Jones Pierce has also prepared a calendar of the Brogyntyn documents at the National Library of Wales, and this will appear as a supplement to the Autumn number of the National Library of

Wales Journal.

### BOTANY

### Professor L. Newton

Increased student numbers have strained the accommodation to its utmost limit and difficulties which are inevitable as the pressure moves into the higher grades have already begun to be apparent. Undergraduate work has been of a good average standard and the work of research students has been especially commendable. Mr. E. W. Jones obtained his M.Sc. and left during the Session to take up an appointment as Physiologist at the Long Ashton Research Station, University of Bristol. Mr. Powell has continued to work with me on problems connected with agar research, and also in thepreparation of a monograph on that subject which is a collation of the work here as well as at Manchester and Millport, during the last five years. I deeply regret to have to record the death of Mr. Lynn Edwards, B.Sc., a research student of great promise, who was working with Dr. I. M. Wilson.

Two features of the undergraduate work may be mentioned, in which the Department collaborated with Agricultural Botany and Geography respect tively. A course of lectures and practical work on Cytology and Genetics was given by Dr. P. T. Thomas in this Department, and Mr. Herbert Jones gave a course on tropical crops in the Department of Agricultural Botany. Professor

Bowen collaborated with Mr. Herbert Jones to give a series of lectures and

practical demonstrations on Plant Geography and Climatology.

An attempt has been made to begin the lay-out of the garden around the College swimming-pool and it is hoped that further planting will take place during the coming Session. Penglais Woods have been used for practical work for students of all grades and ecological research problems on that site are already beginning to reveal themselves.

Mr. Carter has continued his research work on botanical records for Wales. and Dr. Wilson has worked on the cytology of the fungi, and she has also, at the request of the Board of Trade, tested two new varieties of flax developed at H.M. Norfolk Flax Establishment, for resistance to wilt disease. Mrs. Hudleston has worked on some aspects of the microbiology of the sea, and Mr. Herbert Jones has continued his former researches on water pollution and has developed a new technique for dealing with practical problems on the Rheidol.

I acknowledge gratefully gifts to the garden and library from many friends and especially the periodicals so generously presented with unfailing regularity by Mr. Willans. Dr. Wilson has again been loaned a research

microscope by the Dixon Fund of the University of London.

### Publications

Professor L. Newton

"The utilisation of certain British Seaweeds in Agar production." Proceedings Linnean Soc. (In the press.)

Professor L. Newton and Others

"A Study of Certain British Seaweeds and their Utilisation in the Preparation of Agar." With the Collaboration of Dr. K. Wright-Baker, P. W. Carter, E. Conway, E. A. Lewis, J. MacNaughton and others. Stationery Office Publication. (In the press.)

MR. P. W. CARTER

- "Botanical Exploration in Montgomeryshire." Trans. Powysland Club. Vol. 88LIX. II. 1946.
- "Botanical Exploration in Cardiganshire." Card. Antig. Soc. (In the
- press.)
  "Variegated oak (chimaera) in Powys Castle Park." Mont. Collections. (In the press).

DR. IRENE M. WILSON

"Observations on Wilt disease of Flax." Transactions of the British Mycological Society. Vol. XXIX, 221-231, 1946.

### CHEMISTRY

### PROFESSOR C. W. DAVIES

About one-half of those taking Chemistry this Session were ex-service students. They formed a welcome addition to the Department and have done very good work. The need for extra demonstrating to the large classes was filled by the appointment of Messrs. G. B. Galliver, D. A. Hayman, A. L. Jones, E. M. Wilkinson and P. A. H. Wyatt as part-time demonstrators.

Six students have obtained First Class Honours, three in Chemistry and three in Chemistry with Agricultural Chemistry. The M.Sc. degree has been awarded to Messrs. E. N. Jenkins, B. R. W. Pinsent and R. Roberts on the results of research work carried out in the Department. The present research students, as well as members of the staff, are obtaining interesting results which, it is hoped, will be published soon. A grant of £200 has been placed at our disposal by the Royal Society to assist in our study of the distribution of the radioactive potassium isotope.

### Publications

PROFESSOR C. W. DAVIES and MR. G. GARROD THOMAS

Ion Exchange Resins as Catalysts. Nature 159, p. 372

DR. K. HELLER AND MR. E. N. JENKINS

Behaviour of Hypochlorite and of N-Chloro-amines at the Dropping Mercury Electrode. Nature, 158, p. 706.

### **GEOLOGY**

ACTING HEAD OF DEPARTMENT: MR. JOHN CHALLINOR

The de th of Professor H. P. Lewis, which occurred suddenly in January. was a very severe loss to the department. He had been its Head since 1931 and had most ably conducted all its affairs, and the sudden shock was also a personal grief to those, staff and students, with whom he had been working, apparently in full health, up to the day of his death. I have already written (in *Nature*) an appreciation of his work.

Thence-forward the work of administration and teaching was carried on by Mr. J. I. Platt and myself. The temporary dislocation and the readjustments for the rest of the Session were eased by the co-operation of the students in the exceptionally large classes concerned and I wish particularly to thank Dr. Alwyn Williams for his readiness to help us on occasions of special stress.

Dr. Alwyn Williams was awarded the degree of Ph.D. in June for his work on the geology of the area between Llandeilo and Llangadock. He held a University Fellowship (for the first year, of two) and was honoured by the Geological Society of London's award of one-half of the Daniel Pidgeon Fund. It is also a pleasure to note that the same society awarded its Wollaston Fund to Dr. A. W. Woodland, one of our old students.

The number of students registered in the Department was 80. Honours candidate, Mr. D. J. W. Thomas, was placed in Class II, Division 1. The class comprising Final and 1st Year Honours students was the largest there has ever been in the Department at that stage and it is very satisfactory to be able to record that all passed the examination. There should be a very exceptionally large Honours class next Session, and one of good quality. The Subsidiary and Intermediate classes were, on the whole, of average quality; but there were no examination failures among the former and relatively few among the latter.

The Department received a very valuable gift of several hundred modern shells, many of them rare and choice specimens, from Miss Eleanor Willis, This handsome gift is greatly appreciated. Mrs. H. P. M.A., of Chiswick. Lewis is most generously allowing us to make unrestricted use of all the valuable apparatus and books, belonging to the late Professor Lewis, which

she has lent to the department.

### Publications

Professor H. P. Lewis.

"Bedding-faults and related minor-structures in the Upper Valentian rocks near Aberystwyth." Geol. Mag., Vol. 83, pp. 153-161.

Mr. J. Challinor
"Two contrasted types of alluvial deposit: with an illustration from the Rheidol valley, Cardiganshire." Geol. Mag., Vol. 83, pp. 162-164. "The Primary and Secondary elements of a fault." Proc. Geol. Assoc.,

Vol. 57, pp. 153-160.

"Literature relating to the geology, mineralogy and palaeontology of North Staffordshire." Trans. North Staffs. Field Club, Vol. 80. pp. 21-24.

MR. J. I. Platt.

"The Teaching of Geology in Schools." The School Science Review,

1947, pp. 17-22, 133-139. Also Proc. Geol. Assoc., Vol. 58, pp. 8-9.

### APPLIED MATHEMATICS

Mr. T. Lewis

The Intermediate class consisted of two ex-service students only, one of whom returned late in the Session and elected to take the examination in September. Good work was done at the other grades, especially by the Final class, which contained a good percentage of ex-service students. Two of the four Honours candidates in Mathematics specialised in Applied Mathematics. One of them was placed in Class I and the other in Class II, Division 1. Mr. John Williams, B.Sc., a former student of the Department vas awarded the degree of M.Sc. for a dissertation "On the rotational flow of comprehensible fluids," containing new results which will be published in due course Mr. Williams is now Lecturer in Mathematics at Exeter University College.

A course on "Special Theory of Relativity" was given by the Department to the Honours class in Physics during the Session. Lectures on atomic collisions were also given to Physics research students. It is hoped to maintain and strengthen co-operation between the two departments in

the future.

### PURE MATHEMATICS

### Professor V. C. Morton

The work done in the Department during this Session has been the most interesting and successful for several years. The Intermediate class, which has been dull for several Sessions, was enlivened this year by a large group of ex-service students, who have worked excellently; the staff have enjoyed taking this course. In the Honours group, Mr. J. G. Brennan, whose course was broken by war service, returned last October and obtained First Class Honours in Pure Mathematics. Four other students took Honours in Mathematics, combined Pure and Applied. Of these, two had First Class, one a Second Class, First Division, and one a Third Class. Our First Year Honours Class has been unusually large and next year we expect to have about ten Honours candidates.

I would like to make a special reference to the work of the ex-service students at all stages. Some of them, after an absence of five or six years, have had a very difficult task. We have been impressed by the determined

way in which these men and women have settled down to work.

### PHYSICS

### Professor R. M. Davies

The number of students in the Department was 83 and the Session began with the largest Second-Year Honours class in our history-eighteen in number. Of these, six were proceeding to Honours in the normal way, whilst the remaining twelve had completed their work in Physics up to Final standard during the war years and had spent the intervening period in some form of National Service. Out of the twelve students who had been on National Service, six, however, found that a single Session was insufficient to make up for the years which they had lost and they have postponed sitting their examination for another Session. Taken as a whole, the Honours class were exceptionally keen and alert and their work reached a high standard; the three students who were awarded Firsts (Messrs. D. A. Jones, N. Morris and D. H. Trevena) did exceedingly good work.
During the Session, Mr. T. Lewis, of the Department of Applied Mathema-

tics, gave a series of Lectures on the theory of relativity to the Honours class;

this course was greatly appreciated and I trust that this is but the beginning of a period of fruitful co-operation between the two Departments. The development of the study of the natural sciences in this College would undoubtedly be greatly advanced by co-operation of this kind, particularly when coupled with the institution of a new combined course in Pure and Applied Mathema-

tics as envisaged in Professor Morton's report last Session.

It is gratifying to report that this Session saw the resumption of postgraduate research in the Department. The two students (Messrs. D. H. Edwards and D. E. Thomas), who graduated last June with First Class Honours, were awarded Maintenance Allowances by the Department of Scientific and Industrial Research and they returned to pursue research under my direction on topics in Mechanical Physics. Mr. T. C. Griffith was awarded a grant from the Sir Garrod Thomas Fund and he is now working on problems in Nuclear Physics under the direction of Dr. Evans. In addition, the Department of Scientific and Industrial Research has made a grant for the development of my work on stress-waves and this has enabled us to secure the services of Mr. K. A. G. Miller, B.A., of Trinity Hall, as research assistant and Mr. D. Griffiths as research technician. The main problems in connection with the development of our research activities were the acute lack of space and the difficulty of acquiring equipment. After some delay, the former was very satisfactorily solved by the conversion of our small lecture room into a labora-The matter of obtaining delivery of research apparatus is still difficult, but, thanks to the re-equipment of the workshop last Session, and to the purchase of surplus Government apparatus, the work has not been seriously held up.

### Publications

Dr. G. R. Evans and Mr. T. C. Griffith Slow Cosmic-ray Mesons at Sea-level. *Nature*, Vol. 159, p. 879. 1947

### ZOOLOGY

### Acting Head of Department: Dr. E. Emrys Watkin

Professor Stephenson, having been granted leave of absence, left for the United States of America at the end of December. Mr. R. G. Evans, a research graduate, was appointed to assist in the work of the Department

during his absence.

During this Session a total of 111 students were registered. By continuing the practice of reducing the number of official hours of practical work given to Subsidiary and Intermediate students, the accommodation in the Department was found adequate to meet their needs. The Intermediate class was composed almost entirely of ex-Service men; they worked well and their performance at the June examination was a creditable one.

This Session, for the first time, it has been possible to give, to the Final students only, a properly constituted course in both the theory and practical aspects of animal physiology. Dr.E. G. Healey joined the staff in October and has been in charge of this work. It has involved the Department in a considerable expenditure and its extension will necessitate further expendi-

ture.

Dr. F. G. Rees has continued her researches into some aspects of the behaviour of the helminth parasites of farm animals, and Dr. J. R. E. Jones into the physiological behaviour of certain fresh water fishes. Mr. Ronald Evans has extended his survey of the fauna of the intertidal rocky coasts of Cardigan Bay. He has also visited the Plymouth area of the English Channel coast, under a grant from the Royal Society, to compare the distribution of the fauna with that of Cardigan Bay.

### Publications

- DR. F. GWENDOLEN REES The anatomy of Phyllobothrium dohrnii (Oerley) from Hexanchus griseus (Gmelin). Parasitology, Vol. 37, No. 3, pp. 163-171. 1946.
- DR. F. GWENDOLEN REES and DR. T. I. DAVIES Andrepigynotaenia haematopodis, N. G., N.; p., a new protogynous tapeworm from the Oystercatcher Haematopus ostralegus Neumann. Parasitology, Vol. 38, No. 1, pp. 93-100. 1947.
- Dr. J. R. E. JONES The oxygen consumption of Gasterosteus aculeatus L. in toxic solutions. Journ. of Exp. Biology, Vol. 23, pp. 298-311. 1947.

### LAW

### Professor D. J. Ll. Davies

Some one hundred students pursued courses in the Law Department during the Session. Of these nearly forty were students from the Faculty of Arts, who took Constitutional Law as a part of their degree scheme. It was encouraging to notice the keen and intelligent interest with which many of these students, particularly some of the ex-service students, followed the At a time when an increasing proportion of graduates are preparing to enter the administrative services, it is obviously important that they should have a clear understanding of the principles upon which our central and local government is conducted and a full appreciation of the significance of the rule of law. This teaching has always constituted an important part of the work of the Law Department, and there is every reason to hope that an increasing proportion of students of History and of the Social Sciences will come to regard the study of the law and practice of the British Constitution as a necessary component in their scheme of study.

The work of the Law students during the Session was on the whole very satisfactory. In the Honours LL.B. examination, Mr. M. Jefferies obtained a First Class and was awarded the Sir Samuel Evans Memorial Prize. All the other candidates obtained a Second Class, six being placed in Division I, and the other four in Division II. A noticeable feature of the Department during the Session was the exceptionally large Second Year class. these students were ex-servicemen, and have now qualified for the LL.B. Degree under the Emergency Regulations, although a large proportion of them intend to return to take Honours next year.

Some of the students in the First Year Class showed distinct promise, and it is a pity that we have no scholarship or prize corresponding to the George Long Prize at Cambridge or the Chancellor's Scholarship in London

to mark outstanding achievement at this stage.

The main difficulty during the Session was the shortage of staff. During the summer vacation, Mr. W. H. D. Winder was appointed a member of the legal section of the Ministry of Education, and it proved impossible to secure a suitable successor to him. The vacancy has recently been filled, and the College has also authorised the making of an additional appointment for next

The pressure of teaching and routine duties imposed severe restriction on research work, but did not stop it completely. Mr. Unger continues to act as one of the Editors of the Modern Law Review and contributed a number of notes to legal periodicals. A timely article by Mr. Griffith on Justice and the Army has just appeared, and I have completed a paper for the *Trans*-

actions of the Grotius Society.

### MUSIC

### Professor D. J. De Lloyd

### FACULTY OF ARTS

Intermediate and Subsidiary Courses

The standard attained in the Intermediate course was fairly good.

In the Subsidiary stage the examination results were disappointing. Two students failed outright, a third being granted a pass at the Intermediate stage. Of the remainder, one student postponed his examination until September and another candidate had to go to Hospital during the course of the examinations. The three candidates who were successful showed promise.

Final

Out of eight candidates, seven passed the Final examination. The class as a whole consisted of earnest students, two of whom should be able to undertake the Honours course next Session.

Honours

A very good class of students. All through the Session they did very satisfactory work and in the June examinations two obtained Class I and two Class II, Division 1.

### FACULTY OF MUSIC

Final B. Mus.

The one and only candidate passed the paper work (Theory of Music). To complete the degree course, there still remains the composition of an Exercise, i.e., an original work (choral or instrumental) of about 20 minutes duration in performance. In the present case, the submission of the Exercise was postponed until next Session.

### College Concerts

The usual Monday night concerts were held in the College Examination Hall at 5.30.

Nine concerts were given during the first term (7th October to 2nd December, inclusive). An extra concert was held on 29th October for the

University Grants Committee, which was much appreciated.
In the second term from 20th January to 10th March, seven concerts were held, one in February being cancelled owing to the absence in the one case, and illness in the other, of two members of the Quartet.

An extra concert was given by the College Quartet, assisted by Mr. Chapman, clarinettist, at Aberdovey on 4th March.

During the third term, the number of concerts was curtailed to four

(21st April to 12th May) owing to the imminence of the examinations.

The average attendance during the Session was satisfactory. more experienced listeners—members of the staff and town residents—came regularly in good numbers. The attendance of the students, some of whom had not previously listened to Chamber Music, was more variable. On the whole, fewer students were present towards the end of each term.

The attendance of music students at the Friday Chamber Concerts (total 21 for the Session) was disappointing throughout the College year. To maintain interest in these concerts, in particular, it is not sufficient to play the part of a passive listener. Full benefit from these performances can be obtained only by serious study on the part of student-listeners of the works performed, which implies, among other things, ability to read chambermusic scores with comparative ease. It is to be feared that, just as the dearth of good sight-readers accounts for poor Choral attendances, so unfamiliarity with score-reading, to some extent, explains the unsatisfactory attendances

at these Friday night concerts.

The Orchestral Society held its practices regularly throughout the first and second terms and shows little diminution in its vitality, although certain sections of the Orchestra need supplementing. The Choral Society, on the other hand, has not yet attained its full strength: several reasons are given by the students for this lack of interest in the welfare of the Choral Society, the most amazing of which is that the general body of students regard the Society as a departmental affair.

### AGRICULTURE

Professor J. E. Nichols

Professor W. Ellison

The numbers of students taking courses in the Department during the Session were as follows:—

Grade.		No.	No. who took Sessional Examinations	No. passed
DEGREE COURSES: Intermediate Subsidiary Final 1st Year, Hons. 2nd Year, Hons. Post-graduate		54 39 6 6	50 41 6 6	39 33 6
Totals		105	103	84
DAIRY COURSES: Diploma Course (1st Year) Diploma Course (2nd Year)	,	19 20	18 20	17 20
Totals	• •	, 39	38	37

The total of 144 degree and dairy diploma students excluding those at the Intermediate stage has emphasised the difficulties arising from inadequate accommodation and equipment, and shortage of teaching staff. A reflection of these difficulties is shown in the numbers of students who fail at the Subsidiary and Final stages, although the lack of practical experience of agricultural conditions has been the major factor in these results. This latter effect is most noticeable in the ex-service degree candidates, who generally form a marked contrast with the ex-Women's Land Army candidates pursuing the dairy diploma course, whose work has been of consistently high standard. Six candidates presented themselves for the Honours degree. The numbers of applicants for degree and dairy diploma course far exceed the vacancies

available, whilst it is also satisfactory to note that there is a keen demand

for students who have successfully completed courses.

The general county work was discontinued, through the establishment of the National Agricultural Advisory Service, although official connection with the Agricultural Executive Committees of Pembrokeshire and Montgomeryshire has been maintained. The Department is indebted to Mr. L. E. Hughes, Veterinary Investigation Officer, for assistance in connection with the Animal Husbandry course.

### PUBLICATION

Professor W. Ellison

"The Productivity of Reclaimed Upland Areas in Montgomeryshire". Part II. Journal of the British Grassland Society, Vol. II, No. III.

### AGRICULTURAL BOTANY

Professor T. J. Jenkin

Dr. P. T. Thomas.

Gro	nde			No. who took Sessional Examinations	
Subsidiary 2nd year Honours Postgraduate	•••	• • •	 66 10 2	62 10	57 10
Totals			 78	72	67

The large numbers of students in the Subsidiary and Honours classes placed a heavy strain on the resources of the Department, particularly in respect of accommodation and equipment.

The Subsidiary class maintained a high standard in spite of the lessened

opportunities for practical work.

The work of the Honours class was excellent and at the Sessional Examination three students were placed in the First Class, four in Class II, Division 1, and three in Class II, Division ii. One of them, Mr. Keith Jones, has been awarded a Scholarship by the Dutch Government which will enable him to undertake post-graduate research in cytology under Professor M. J. Sirks at Groningen.

Mr. D. K. Jones, B.Sc., was awarded the degree of M.Sc., on a thesis entitled "Some factors influencing the yield, number and riddle size of the

potato crop."

During the Easter vacation the Honours students were conducted on a

tour of various Research Institutions near London and Cambridge.

Through the generosity of Dr. Berg, of the Kodak Research Laboratories, we were able to show Dr. Michel's remarkable film of cell division which utilises the principle of Phase Contrast Microscopy. This film was so much appreciated that it had to be shown three times, and we are indebted to Professor R. M. Davies for giving a technical introduction.

Instruction has been given in cytological technique to members of other

departments of the College and to visiting members of other Universities.

We are again indebted to Mr. M. T. Thomas, of the Welsh Plant Breeding Station, for giving courses in Agronomy.

The Department is sorry to lose the services of Mrs. Perrott, who did excellent work during the two years she was here. Her departure greatly aggravates the already serious shortage of staff in the Department. This may mean that we shall have to rely on the services of student assistants to carry out some of the work, particularly at the lower level, and that we shall not be able to accept two students who wish to pursue post-graduate studies in Mycology.

We are indebted to Professor Ellison for valuable assistance in the Depart-

ment, especially since Mrs. Perrott's departure on May 1st.

### Publications

DR. P. T. THOMAS and MR. S. H. REVELL

Secondary Association and Heterochromatic Attraction. Annals of Botany. Vol. IX, 1946.

Dr. P. T. Thomas (with Drs. Hutchinson and Greer of the Ministry of Food, Cereals Research Station).

Heat damage in cereal seeds. Nature, Vol. 158, 1946.

### AGRICULTURAL CHEMISTRY

Mr. R. O. DAVIES

Grade		$No.\ registered$	No. who took Sessional Examinations	No. passed
Subsidiary Final 1st Year Honours 2nd Year Honours 1st Year Dairy Diploma 2nd Year Dairy Diploma	 	47 1 2 6 18 20	44 1 2 6 . 18 . 20	41 1 2 6 15 15
Total	 	94	91	80

Of the Honours students three were placed in the First Class (Messrs. W. L. Jenkins, W. H. Parr and J. A. F. Rook), two in the Second Class, Division I (Messrs. J. D. Jones and E. P. Rock), and one in the Second Class, Division II (Mr. R. A. Edwards). The Subsidiary class consisted mainly of ex-service students who applied themselves well to both the practical and theoretical sides of the subject, and a good proportion showed very satisfactory progress.

The Department has continued the study of problems relating to the winter conservation of animal feeding stuffs. This year it became amply clear that the successful storage of the energy and protein supplies grown in summer is of fundamental importance in order to augment winter keep under our climatic conditions. In order to gain information regarding seasonal variations, the critical experiments on pasture productivity measurement are being continued in co-operation with the Welsh Plant Breeding Station and members of the National Advisory Service. The long term experiments on the nutritive value of the herbage on the principal soil types of the open hill areas carried out since 1930 in conjunction with the Welsh Plant Breeding Station have been brought to a further stage. The experimental results are in course of publication and throw interesting light on the potentiality of these areas when grazing is controlled, and the soil adequately corrected for deficient nutrients.

Mr. W. R. Rees was appointed Assistant Demonstrator for the Session and commenced a research programme relating to the boron deficient soils of Carmarthenshire and Pembrokeshire. The Department is indebted to Dr. Rice Williams, the Provincial Soil Chemist, for lectures on soil.

### PUBLICATIONS

Mr. R. O. Davies

Aftermath Silage and Kale Silage. Agricultural Topics No. 13, 1946.

Dr. W. M. Ashton

Minerals in Winter Nutrition. Agricultural Topics No. 13, 1946.

### AGRICULTURAL ECONOMICS

PROFESSOR E. F. NASH

### 1. Number of Students

Grade				No.	No. who took Sessional Examinations	No.	
Subsidiary					7	7	7
					7	7	7
2nd Year F	Honours				2	2	2
	Total				- 16	16 ·	16

Both Honours students this year graduated in Class II, Division İ. Two of this year's Final students are expected to pursue the Honours course next

year.

2. There have been a number of staff changes during the current year. Professor E. F. Nash took up his duties as Head of the Department in succession to Professor Ashby in July, 1946. Mr. P. J. Watkin, B.A., Mr. W. J. Thomas, M.Sc., and Mr. Trefor Jones, B.Sc., have resigned during the year. Mr. O. T. Price, B.Sc., and Mr. T. G. Jones, B.Sc., both of whom graduated with Honours in 1946, were appointed to the staff in August, 1946, and Mr. B. H. Roberts, B.Sc., formerly of the Ministry of Agriculture, joined the Department in February, 1947.

3. Mr. J. Pryse Howell, M.Sc., Senior Agricultural Economist and Deputy Advisor for Wales, who has been on the staff of the Department since 1926, was awarded the O.B.E. in the June, 1947, Honours List for services to

agricultural economics and farming in Wales.

4. The economic investigations carried out by the Department during the year include a quota of 420 records for the National Farm Management Survey and 87 Milk Cost records for the National Milk Costing Scheme. Enterprise costs in respect of 30 Poultry Flocks, 48 Highland and 40 Lowland sheep flocks and 62 Store Cattle (31 Suckling and 31 Pail-fed system) have been carried out. The analysis of detailed records of the supply and use of all forms of labour on some farms in 1944-5 and 1945-6 has now been completed. The labour costs enquiry for 36 farms, the beef costs for 2 farms and ley farming costs for 3 farms are being continued. New investigations into costs of crop production and tractor and horse costs have been started. By means of these investigations contacts are being maintained with about 750 farms. A number of papers prepared in 1947 in connection with these investigations are awaiting publication.

5. Two members of the Department's staff—Professor E. F. Nash and Mr. J. Pryse Howell—are serving as members of County War Agricultural

Executive Committees in Wales.

6. In the Co-operative Advisory Work, the Department, through the preparation of comparative analyses of Trading Accounts and Balance Sheets and attendance at Annual General Meetings and Management Committees, has maintained close contact with the majority of the societies. Mr. T. G. Jones, B.Sc., has been mainly in charge of this work.

7. A number of lectures have been given by members of the staff in various counties of Wales and close contact has been maintained with the

Young Farmers' Clubs.

PROFESSOR E. F. NASH Publications

Food and Agriculture in Germany, Paper read before the Agricultural Economics Society, July 1946. *Journal of Proceedings of the Agricultural Economics Society*, Vol. VII. No. 2.

Mr. J. Pryse Howell

Milk-Selling and Store-Raising on Upland Farms in Wales. (In typescript.)

Some Notes on the Comparative Changes in Welsh Agriculture during the War Years 1914-18 and 1939-45. (In typescript).

Mr. J. Pryse Howell with Mr. J. R. E. Phillips

Cost of Milk Production per Cow and per Gallon for 50 Herds in Wales: (a) Winter Period, (b) Summer Period and (c) Whole Year 1945-6. (Cyclostyled). Published by the Department.

Mr. J. R. E. Phillips

The Economics of Dairy Farms with special reference to Welsh Conditions. (Cyclostyled). Published by the Department.

Some Preliminary Observations on Age structure, Seasonality of Calvings

and Replacements in Dairy Herds. (In typescript).

Mr. J. D. GRIFFITHS

Financial Results of 30 Poultry Farms in Wales 1945-6. (Cyclostyled). Published by the Department.

MR. B. H. ROBERTS

Cost of Fat Lamb Production on Lowland Farms in Wales in 1945-6. (Cyclostyled). Published by the Department.

Costs of Producing Oats and Hay on Welsh Farms in 1945. (In typescript).

Beef Production—A summary of 12 years' Results on Two Welsh Farms. (In typescript.)

MISS A. D. HOOPER

Farm Costs of Hired Labour in Wales during 1945-6. (Cyclostyled). Published by the Department.

Mr. T. G. Jones

The Possibilities of Introducing the Growing of Vegetables into certain systems of Welsh Agriculture. (In typescript).

Review of Agricultural Co-operation in Wales 1944-5. (Welsh Agricultural Organisation Society Report 1945).

Mr. O. T. W. Price.

Economic Organisation and Financial Results of a Sample of Mixed Farms in Wales. (In typescript).

Efficient Utilisation of Farm Labour on Welsh Farms. (In typescript).

### ANIMAL HEALTH

### Professor A. N. Worden

In October, 1946, the Department took over laboratory and other accommodation in the Dairy Buildings. Equipment and fittings have been added to render these rooms suitable for research in biochemistry, microbiology, pathology and related subjects, while the existing guinea pig house has been converted into laboratories for the Section of Parasitology and Ecology. Accommodation for small animals is being provided in two converted Army huts and it is hoped shortly to extend the facilities for larger animals at Brynamlwg. While space is still limited in relation to the number of workers engaged, it is now possible to tackle the main research problems on a much

more satisfactory basis than hitherto.

Collaboration with the Welsh Plant Breeding Station, with the Departments of Chemistry, Geography and Anthropology and Zoology, and with outside laboratories has continued to be a major feature and it is gratifying to be able to record satisfactory advances in several fields. Dr. W. C. Evans and his colleagues (Messrs. R. A. Evans, A. W. Davies, D. Lewis, B. C. Loughman and Z. Mojzesowics and Dr. I. Antice Evans) have made considerable progress with the biochemical analysis of herbage, to the adequate study of which the application of freeze-drying methods has contributed materially. A notable development is the simple physical separation of the structural components of grass and clover. Nutritional experiments with small animals are now in progress and a study of the chemistry of pure strains of grasses and clovers has been begun. In the field, studies on rotational grazing and on winter feeding in sheep and cattle have been continued (by Messrs. G. J. England D. N. Fidler and J. T. Morgan) and have been linked with agronomical investigation (by Messrs. M. Trefor Thomas, J. Lewis and D. McKelvie). Associated work on small mammals (partly in collaboration with the Bureau of Animal Population, Oxford) has been begun by Miss Winifred M. Phillips, who is responsible also for a series of other ecological investigations.

Dr. N. Walker, assisted by Messrs. C. V. Chandra Sekhar and R. A. Evans, is developing the microbiological programme, which has special reference to digestive processes in ruminants and other species and to the assay of aminoacids and vitamins in plant materials. In the sphere of pathogenic bacteriology, Mr. H. I. Field has carried out an extended study of salmonellosis in adult bovines, while Mr. H. E. Roberts is following up earlier work of Professor Worden and his collaborators in the relationship of nutritional factors to in-

fection and immunity in calfhood.

The survey of animal health and production in West Wales (by Messrs. R. Phillips, E. T. Rees Evans, Ll. R. Evans, D. N. Fidler, R. Isaac, R. Jones and Mr. J. L. Davies of the Department of Geography) has yielded most valuable data, particularly with reference to climatic factors. Mr. J. L. Davies is carrying out a microclimatic study of the New Quay—Llandyssul area, in which task Mr. L. E. Hughes and various members of the Department are collaborating. With the assistance of veterinary practitioners and knackeries

the incidence of disease in the three counties is being recorded.

Messrs. E. Parker Pollard, G. Owen Evans and R. Wynne Owen, with the collaboration of Dr. Gwendolen Rees and Messrs. L. E. Hughes and H. I. Field, have continued an extensive programme of parasitological work. The value of D.D.T. in the treatment of sheep maggot-fly has been confirmed, a large scale trial with phenothiazine has been conducted and a variety of other heiminthological studies are in progress. Work on the sheep ked has been completed and the tick is now the subject of survey and experimental work. Some important first records of parasites for Wales or for Great Britain have been obtained.

A full report on the work of the Department is in preparation for publication. The continued housing of the Veterinary Investigation Officer and his staff within the College has been of great benefit to the Department and the list of publications below includes those of Messrs. L. E. Hughes and H. I. Field.

Three candidates, all successful, have been presented for the degree of M.Sc. Dr. Evans is continuing and developing the teaching of biochemistry to Honours Chemistry students.

### Publications

Professor A. N. Worden

'The Relation of Husbandry to Animal Health' Veterinary Record, 1947, 59, 159-163.

"Nutrition and Disease in Early Life." Proceedings of Section 6 of the International Congress of Pure and Applied Chemistry, 1947.

MR. RICHARD PHILLIPS

"The Wintering of Hill Cattle and Mountain Sheep," Journal of the Ministry of Agriculture 54 (In press), 1947. (with Mr. L. Phillips).

"Porthi Gwartheg Godro." Booklet issued by the National Federation of Young Farmers' Club, 1946.

MR. RICHARD PHILLIPS and Mr. J. L. DAVIES.

"The Influence of Climatic Conditions on Autumn Calvings." Nature, Lond. 160 (In press), 1947.

DR. W. CHARLES EVANS

"Bacterial Oxidation of Aromatic Compounds by Certain Soil and Intestinal Bacteria." Biochemical Journal, 41 (in press), 1947.

DR. W. CHARLES EVANS.

"The Purification of Diphtheria Toxoid with some remarks about Diphtheria Prophylactics in General." Brit. J. Exp. Path., 88 (In press). 1947.

DR. W. CHARLES EVANS and DR. N. WALKER.

"Synthesis of—(p-Hydroxyphenyl)—aminobutyric Acid, a Homologue of Tyrosine." J. Chem. Soc. (In press), 1947.

DR. W. CHARLES EVANS and MR. B. C. LOUGHMAN

"Extraction of Nitrogenous Components from Grasses and Clovers by use of the Waring Blendor." Nature, Lond., 160 (In press) 1947.

Dr. W. Charles Evans, Mr. A. W. Davies and Mr. R. A. Evans.

"Studies on the Biochemistry of Pasture Plants, Part I. The Sampling and Preservation of Pasture Plants." J. agric. Sci., 37 (In press), 1947.

DR. W. CHARLES EVANS and Mr. Z. MOJZESOWICZ

'The Composition of the 'Structural Material' Remaining, After Dispersal of the Nitrogenous Components from Grasses and Clovers by use of the Waring Blendor." Nature, Lond., 160. (In press) 1947.

Mr. C. V. Chandra Sekhar

"Psychrophilic Bacteria in Raw and Commercially Pasteurized Milk." Proc. Soc. appl. Bact., 1946, pp. 47-50. (with Mr. S. B. Thomas)

Mr. C. V. Chandra Sekhar and Dr. N. Walker

"Preliminary Observations on Various Temperature Characteristics of Some Faculative Psychrophilic Bacteria." Proc. Soc. app. Bact. (In Press.) 1947. Mr. E. P. Pollard, Mr. R. W. Owen and Mr. G. O. Evans

"Phenothiazine for the Control of Helminthiasis in Lambs-Monthly Dosing Compared with a 1/10 Phenothiazine-Salt Mixture." J. comp. Path., 57. (In press) 1947.

Mr. L. E. Hughes, Mr. E. P. Pollard and Mr. H. I. Field

"The Control of the Sheep Blow-fly with D.D.T. and Benzene-hexachloride (666)." Vet. J., 103 (In press), 1947. (with Mr. J. M. Jones).

Mr. L. E. Hughes

"A Peculiar Syndron in Cattle (with acute lameness) grazing on seeded Wild White Clover". Vet. Rec., 59. 391-392, 1947.

Mr. R. Wynne Owen

"A Note on the Efficiency of a Pyrethrum Spray in Controlling Ephestia Elutelle Hb moths in a Granary." Annals of Applied Biology, 33., 387-389, 1946.

MISS WINIFRED M. PHILLIPS

"Some Problems Associated with the Control of Rabbits." Proceedings. of Section D. of the British Association for Advancement in Science, 1947.

### DAIRYING

### Mr. John Lewis

This year again, the available places for candidates wishing to pursue the diploma course in Dairying have been strictly limited, despite the fact that applications for admission have been more numerous than ever. The following are some details regarding students attending courses in Dairying during Session 1946-47.

Number

First year Dairy Diploma			 	19
Second year do			 	20
Short course in Dairying			 	18
Awarded College Diploma in	Dairyin	ng ·	 	19
Awarded National Diploma in			 	5

Awarded National Diploma in Dairying . . . . 5

The work of the present Session's students has, in general, been of quite a satisfactory standard and particularly so in the case of the second year class. The high standard of work done by the ex-Women's Land Army candidates, which was the subject of favourable comment in last year's report, has been well maintained. There is also a noticeable improvement in the capabilities of the Ministry of Agriculture scholarship holders this year, as compared with previous years.

Some revision in the type of courses provided for dairy students has already taken place and further changes of considerable significance are proposed for the future. One step already introduced has been the proposal to discontinue holding Short Courses after that held in 1946. This will be advantageous to the work of the Department, and should not cause any inconvenience to prospective candidates for this type of course, who can easily

find places at farm institutes and other training centres.

In regard to Diploma Courses it is proposed that the instruction given shall be heavily weighted on the side of dairy husbandry rather than dairy technology. This will fit in with the proposal to introduce specialist National Diplomas in dairy husbandry and dairy technology separately. From 1948 onwards, therefore, diploma candidates in this Department will pursue a

course leading to the award of a diploma in dairy husbandry.

Consequent upon the establishment of the National Agricultural Advisory Service, Mr. S. B. Thomas has relinquished responsibility for the teaching of Bacteriology to dairy students. It is appropriate here to express warm appreciation of his invaluable services to the Dairy Department for more than twenty years. A general reorganisation of the bacteriology section has been necessary to meet the new circumstances. Miss E. Billing, B.Sc. (Reading), who has taken up duties as Assistant Lecturer in Dairy Bacteriology, has devoted much attention to the re-equipment of the section; a considerable portion of the equipment previously available has been transferred elsewhere, and much capital expenditure will be needed to meet present deficiencies and future requirements. Furthermore, a considerable allocation of rooms and laboratories in the Dairy Buildings has been made to the Department of Animal Health, so that the accommodation now available to the Dairy Bacteriology Section is inadequate, and definitely handicaps the efficiency of the work of the Section.

### THE WELSH PLANT BREEDING STATION

DIRECTOR: PROFESSOR T. J. JENKIN

The general character of the work of the Station remained unchanged during the year, but certain changes in the staff, involving some re-arrangements, have occurred.

Mr. D. Emlyn Edwards, M.Sc. (Grassland Agronomy) and Mr. A. J. Davies, B.Sc. (Superintendent, Morfa Mawr Sub-Station), left to join the National Agricultural Advisory Service, while Mr. J. P. Cooper, B.Sc. (Reading) and Mr. R. Hughes, B.Sc. (Wales), joined the scientific staff.

Two Indian graduates continued with their researches. In the first instance, they intended to proceed for the M.Sc., but, during the Session, application was made for extension of their studies for the degree of Ph.D. It is not yet certain whether the Indian authorities will enable them to change over.

By arrangement with the British Council, Dr. Julén, of the Plant Breeding Institute, Svalof, Sweden, spent six months in this country, making his headquarters at the Welsh Plant Breeding Station, where he spent the greater

part of the time.

Mr. C. Hammelburg, of Holland, is at the Station for six months in order to study breeding technique and other aspects of the work, while Mr. Van Slijcken, of Belgium, has spent three weeks at the Station for a similar purpose.

During the year, visitors have been very numerous, and include many from overseas. Amongst these were notably a party of eight American Scientists and Administrators, a party of three Scientists from Hungary, Professor Elisabeth Schiemann of Germany, as well as specialists from Southern Rhodesia, Kenya, Sierra Leone, Australia, Canada, New Zealand, India, United States of America, Brazil, France, Holland, Denmark, Sweden, Finland, Falkland Islands, Spain, Cyprus, Egypt, Palestine, and China. As usual, organised parties were also very numerous during the summer months. In June, 1947, at the invitation of the Station, the British Grassland

In June, 1947, at the invitation of the Station, the British Grassland Society and the British Society of Animal Production held their Summer Meeting at Aberystwyth, and members were shown the work of the Station in all its various aspects at the Grogrythan gardens, the headquarters farm

-Frongoch-the Cahn Hill-Improvement Scheme and Morfa Mawr.

It is evident that the work of the Station continues to draw the attention not only of farmers (National Farmers' Union parties and Young Farmers' Clubs), but also those who are interested in the more technical and scientific aspects and implications of the work.

For the first time for some years, members of the College Senate visited

the Station in May, 1947.

In the autumn of 1946, Mr. M. T. Thomas (Grassland Agronomy), was asked to join a small party to visit Holland in relation to the reclamation and rehabilitation of the inundated areas, while Mr. E. T. Jones was awarded a Travelling Scholarship to enable him to visit research stations in the United States and Canada. This Scholarship covers a period of three months from the 1st May, 1947.

As required, students intending to proceed for Honours in Agricultural Botany in 1947 spent part of their 1946 long vacation at the Station. Mr. M. T. Thomas gave courses in Grassland Agronomy to both Subsidiary and Honours students during the 1946-47 session, while the Director gave a course in Genetics in relation to Plant Breeding which was attended by Final, Honours

and Research students.

The weather conditions of 1946 affected the work at the headquarters farm, Frongoch, rather less than either the Sub-Station farm, Morfa Mawr, or the Cahn Hill-Improvement Scheme, although harvesting even here was difficult and prolonged. At Morfa Mawr, some of the grass seed crops suffered considerably, and some of the oats harvested became weathered, but the total loss was less than might have been expected. The year's working showed a favourable balance, but some of the effects of the bad harvest conditions will be felt during the present financial year.

The harvest on the Cahn Hill-Improvement Scheme lands at one time was expected to be almost a complete failure, but better weather in October proved the salvation of some crops. The exceptionally hard weather of February-March 1947 was a record for its disastrous effect upon the sheep. It is estimated that about 50% of the sheep were lost, while the lamb crop of 1947 was not more than 300 as compared with 700-800 in a normal year and nearly

1000 in a peak year.

### Publications

Professor T. J. Jenkin

Breeding in relation to grassland husbandry. Journal of the British Grassland Society, Vol. 1, No. 8, September, 1946.

The Welsh Plant Breeding Station. Farming, November-December 1946.

Mr. E. T. Jones

Grain Production in Cereals. Modern Farming, July, 1946.

Mr. GWILYM EVANS

Peillio (Pollination). Welsh Bee Keepers' Journal, Vol. 1, No. 4, 1946. Handling Pedigre Seed. Rural Wales, Vol. 1, No. 2, 1946. Growing grasses for seed. Modern Farming, June, 1946.

MR. WATKIN WILLIAMS

The Germination and Establishment of Red Clover under conditions of direct re-seeding. *Journal of the British Grassland Society*, Vol. 2, No. 1, March 1947.

Genetics of Red Clover (*Trifolium pratense* L.). Compatabilibity II. (a) Homozygous self-sterile Sx Sx genotypes obtained as a result of pseudo-fertility, (b) Self-fertility. *Journal of Genetics*, Vol. 48, No. 1.

Genetics of Red Clover (Trifolium pratense L.) Compatibility III. The frequency of incompatibility "S" alleles in two non-pedigree populations of red clover. Journal of Genetics, Vol. 48, No. 1.

### IMPERIAL BUREAU OF PASTURES AND FIELD CROPS

Consultant Director: Professor T. J. Jenkin.

Director: Dr. R. O. WHYTE.

As a result of a recommendation of the I.A.B. Review Conference, 1946, the Aberystwyth Bureau has now to cover all field crops in the same way as it has covered grassland husbandry and fodder production for the past 17 years. In its expanded form it will cover that part of the literature on the following crops not already the concern of the Bureaux of Plant Breeding and Genetics, or Soil Science: all cereals, field root crops, pulses, groundnuts, cotton and other fibre crops grown on a field scale, sugar beet and sugar cane, in addition to the literature on grassland management and fodder production. Attention will continue to be given to those aspects of plant biological research which refer to the crops now covered and sections will now also deal with farming systems concerned in the production of field or forage crops, and certain economic aspects of crop and fodder production.

The name of the Bureau has been changed to that shown above and it will now be necessary to publish two abstracting journals in place of the one, *Herbage Abstracts*. A new series of monographs will have to be planned.

### **EXTRA-MURAL STUDIES**

Director: SIR IFAN AB OWEN EDWARDS

The Session under review has not been without its difficulties. In the first place it was marked by an ebb in the wartime enthusiasm for adult education. Students have not been as eager and attendances at first were not as good; some classes even failed to mature. There seemed at the beginning of the Session to be a tiredness after the strenuous efforts of the long war period, and, despite all that has been said about adult education in the Forces, we received few recruits from returning servicemen and women whose appetite for further education we had hoped would have been whetted during their service years. The core of our students is still those loyal people who have been brought up in the tradition of extra-mural education, especially in the Welsh countryside.

The weather, too, for the whole second half of the winter session, was deplorable, and that classes in the rural areas should have been able to survive at all is a tribute to the tenacity of the students and often to the bravery of the tutors in venturing long distances to upland villages over snowbound and frostbound roads. It is true that quite a number of classes failed to complete their allotted span of meetings; what is wonderful is that so many reached the finishing line and that almost on time.

And lastly we were throughout the winter without a resident tutor in Montgomeryshire and Radnorshire. This is reflected in a sharp decline in the number of classes in that area. We welcome Mr. Brynmor Thomas, an old student of the College, to the resident tutorship, and we are glad to under-

stand that he is already quite at home in his area.

These were the difficulties, but they were surmounted before the winter closed. Enthusiasm had been rekindled, and the classes finished on an eager note which was manifest in the Annual Rally in May. The weather cleared and arrears of meetings were rapidly made up, some classes lasting even into May rather than cancel lectures. And we begin this new Session once again

with a full staff.

It is useless denying that there is throughout England and Wales considerable uncertainty arising out of the Education Act concerning the relative functions of the Local Education Authorities, Universities and voluntary bodies in the field of Adult Education. It is a pleasure to be able to say that co-operation in the whole College area is full and complete. Even the misunderstandings that have existed for many years in Merioneth have cleared away and co-operation in that area also is now complete. And when our new resident tutor was lately appointed as many as three county directors of education sat upon the selection committee. It is fitting that we should express our gratitude to all the education directors of the College Area for their unfailing help and co-operation at all times.

The List and Table of Classes which accompany this report show that there was a small decrease in the total of classes, a decrease which is surprisingly low when all the year's conditions are remembered. And this small loss in quantity is more than made up in quality. It will be noted that the Tutorial, Sessional and Terminal Classes have all increased, whilst the preparatory Short Courses have greatly decreased. This should be a cause for considerable satisfaction for it still further confirms the wisdom of the policy

adopted by the College Joint Committee some few years ago.

An interesting experiment which deserves special mention was the Course of eight lectures held at College in "Local Government" when lectures were given by College professors and prominent officers of the borough and county local government departments. At some lectures the attendance was as high

as one hundred persons.

The climax of the Session's work was reached at the Annual Rally at which Professor R. H. Tawney, the well-known pioneer in Adult Education, delivered the address. Well over a thousand extra-mural students from all over the College area attended, and for the first time parties of students from various classes took part in the Rally itself, and introduced a new note of

interest in the happy gathering.

The one adverse aspect of the work is that of the shortage of suitable tutors. This difficulty can only be overcome by the appointment of a number of full-time staff tutors in various subjects and the institution of some form of training for part-time tutors. It cannot but be noticed that the standard of tutorship is not always keeping pace with the rising standard of the classes. This matter is under consideration by the College Committee and by the Extention Board, and it is hoped that a solution will, in due course, be reached.

The year can be characterised as one of recovering from a pause due to tiredness after the exertions of the war, and portents show that next year will

see still further progress.

SUMMARY OF EXTRA-MURAL CLASSES, 1938—1947

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# UNIVERSITY COLLEGE OF WALES, ABERYSTWYTH.

# DEPARTMENT OF EXTRA-MURAL STUDIES

# LIST OF CLASSES HELD DURING SESSION 1946-47.

Class	Subject	Tutor	Lec- tures	Lec- Envol. Lan- tuves ments guage	. Lan- guage	
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Cardiganshire Aberystwyth Aberystwyth	Economics: Money, Credit and Foreign Exchange Problems of the Post-War World		24 24	14	म् मं	
Lampeter Pontarfynach	Music Llenyddiaeth Gymraeg	Mr. E. Lewis Jones, M.A., A.R.C.O. Mr. Garfield H. Hughes, M.A.	24 16	14	E. ≪.	83
Carmarthenshire Bancffosfelen Carmarthen	International Affairs Britain in Transition.	Rev. D. E. Williams, B.A., B.D. Mr. T. I. Jeffreys Jones, M.A.	444	10	전 퍼 <u>:</u>	
Cwmbach Efailwen Ffairfach	Cristnogaeth a Meddyleg Dysgeidiaeth y Proffwydi a Phroblemau Heddiw Welsh History Social Psychology	Rev. J. H. Francis, B.A. w Rev. J. H. Francis, B.A. Mr. Alun T. Davies, M.A., LL.B. Dr. Dan Davies, M.A.	18 16 24 18	13 17 13	ĕ¤¤ĕ	
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Merioneth Aberdyfi Dinas Mawddwy Dolgelley Harlech	Background to International Affairs Problemau Moesol Music Hanes Cymru hyd 1063	Mr. I. Williams Hughes, LL.B. Dr. Dan Davies, M.A. Mrs. K. M. Thomas, B.Mus. Mrs. R. Griffith, B.A.	24 18 24 18	21 13 32 32	Æ.E.ĕ.B	

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Pembroheshire Abercych Dinas Cross Glandwr Goodwick Haverfordwest Haverfordwest	Llenyddiaeth Cymraeg: Yr Ugeinfed Ganrif Social Economics: Current Problems Hanes Cymru, 19 a 20 Canrif. Social Economics: Current Problems Biology in the Life of the Citizen Problems of Government	Mrs. Clement Davies, B.A. Mr. W. Haydn Davies, M.A. Rev. J. E. Davies, B.A. Mr. W. Haydn Davies, M.A. Dr. Percy A. Little Mr. D. Hughes Lewis, B.A. Rev. H. I. Flowers, B.A., B.D.	2211222 4484444	13 6 72 12 10 12 12	≽सं⊗संसंसंस	01
Moylgrove Narberth Tenby	Music The Background of the Bible Literature and Society	Mr. Andrew Williams, L.R.A.M., A.R.C.M. Rev. H. I. Flowers, B.A., B.D. Mr. D. Hughes Lewis, B.A., and Mr. G. R. Samuel, M.A.	18 24 24	12 14 18	Б. Б.	
Radnorshire Llandrindod Rhayader	Background to Post-War Problems Social Psychology	Mr. I. Williams Hughes, LL.B. Mr. Trevor O. Davies, M.A., B.Litt.	18	12 24	म् मं	
Cardiganshire Aberystwyth Rhydypennau	SESSIONAL The Evolution of Russia Contemporary Schools of Psychology	Mr. C. A. Fisher, M.A. Dr. J. R. Jones, M.A.	20 20	32 26	Æ.	

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Pencader St. Clears	Sociology: Diagnosis of our Time The Nature and Destiny of Man	A.K.C.U. Mrs. A. M. Spencer, B.A. Rev. H. Islwyn Davies, Ph.D., B.A.	20 17 20	15 26 16	ज्ञ म
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Dyffryn Ardudwy	Dyffryn Ardudwy International Relations	Mr. Moses J. Jones, M.A.	20	21	i≽
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Mr. H. Ivor Field, M.R.C.V.S. Mr. Emrys Jones, M.Sc. Mr. Anrew Williams, L.R.A.M. Rev. D. Llewelyn Jones, B.A.	Mr. T. I. Jeffreys Jones, M.A. Rev. H. Islwyn Davies, Ph.D.,	B.A. Mrs. A.M. Spencer, B.A. Mr. T. Ll. Davies. Rev. Christmas Williams Mr. D. J. Williams. Rev. H. R. Charles, M.A. Miss L. Lloyd Gwynne, L.R.A.M. Rev. H. R. Charles, M.A. Rev. Christmas Williams Rev. Christmas Williams Rev. H. Islwyn Davies, Ph.D., R. A.	Rev. H. R. Charles, M.A. Mr. W. Rhydderch Evans, C.M. Mrs. Clement Davies, B.A. Mrs. A. M. Spencer, B.A.	Telynores Dwyryd Mr. H. R. Williams, Telynores Dwyryd Mr. Bob Owen, M.A. Parch. T. Harris, B.Sc. Mr. E. R. Griffith, B.A. Telynores Dwyryd Mr. J. Mansel John, B.A. Telynores Dwyryd Mr. J. Mansel John, B.A. Mrs. R. Griffith, B.A. Mrs. R. Griffith, B.A.
Farm Animals in Health and Disease Daearyddiaeth o Phroblemau'r Dydd Music Modern Welsh Poetry	The Structure of Britain The History of Wales, 18th Century	Principles of Citizenship Principles of Economics The Making of Modern Wales Welsh Drama. Hebrew Religion Music Hebrew Religion The Making of Modern Wales The History of Wales, 19th Century	Hebrew Religion Hanes a Llenyddiaeth Cymru, 20fed Ganrif International Affairs International Affairs	Cerdd Dant Music Cerdd Dant Cymru ac America Drama Hanes Cymru yn y 19eg Ganrif Cerdd Dant Arweiniad i'r Efengylau Cerdd Dant Crefydd yr Hen Destament Egwyddorion Economeg Hanes Cymru, 18 a 19 Canrif
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Tutor	Mr. Ted Richards Rev. H. G. Roberts, B.A., B.D. Mr. Ted Richards Do. Mr. Ieuan G. John, B.A., M.Sc. Mr. Alun Davies. M.A. Mr. Alwyn D. Rees, M.A. Mr. L. E. Hughes, M.R.C.V.S., D.V.S.M.	Rev. J. Watts Williams, M.A., B.D. Mr. W. E. Walters, Mus. Bac. Mr. Trevor Lewis, B.A. Mr. Andrew Williams, L.R.A.M. Mr. D. Hughes Lewis, B.A. Mr. T. D. Williams, B.Sc. Mr. W. R. Evans, B.A. Mr. J. H. A. Macken Rev. Roger Jones, Dip. Agric. Rev. D. A. Sweet Mr. D. Hughes Lewis, B.A. Mr. D. Hughes Lewis, B.A. Mr. J. H. A. Macken Rev. E. J. Williams.	Mr. F. W. Chandler, M.A. Rev. Brynmor Williams, M.A. B.D.
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SHORT COURSES Elementary Psychology and its Practical Appli-	cations. Hanes Gwareiddiad	Local Government Rhai Penodau mewn Amaethyddiaeth a Llen- yddiaeth	nyddiaeth Cymru : 18fed Ganrif h <sub>h</sub>	Gymraeg Gyfoes Gymraeg : Y Beibl	Cyfraith Bob Dydd Drama	Educational Psychology Bywyd y Werin; Problemau'r Dydd Music Caneuon Gwerin Do. Dramatic Art Political and Social Trends in Britain To-day Hanes Crefyddau Central and Local Government Llenyddiaeth y Beibl Reconstruction Problemau'r Dydd Canu Penillion
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Montgomeryshire Dolanog Llanerfyl	Welsh Literature and Drama Canu Penillion	Rev. W. Evans-Jones, B.A. Mr. Ted Richards	9	15	W.
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yng-Ngwynfa Llangynog Maengwynedd Penybont Pontrobert Welshpool	Do. Do. Hanes Cymru hyd 1282 Folk Lore Cerdd Dant A Christian Approach to Current Affairs Elementary Psychology	Do. Do. Rev. H. T. Samuel Miss Hilda Jones Mr. R. W. Jones, M.A. Rev. Edward Wynne, B.A. Rev. Glyndwr Jenkins	9994998	2521112 2521112 2621112	E E E E E E E E E E E E E E E E E E E
Pembrokeshire Eglwyswrw Hayscastle Ludchurch Pontfaen Saundersfoot Tiers Cross Wolfscastle	Hanes Sir Benfro Hanes Anghydfurfiaeth Agricultural Science Hanes Sir Benfro Current Affairs Travel Hanes Cymru, 18, 19 a 20 canrif	Mr. Titus Lewis, B.Sc. Rev. R. L. Griffiths, B.A., B.D. Mr. N. H. Greenwood, B.Sc. Mr. Jitus Lewis, B.Sc. Mr. J. H. A. Macken Mr. John Rees, B.A. Rev. R. L. Griffiths, B.A., B.D.	0440040	2112 2110 110 110 110	% ইউ.উ.উ.উ.উ.ই ইউ.উ.উ.উ.উ.উ.উ.

### LIBRARIES

### Mr. A. ap Gwynn

The sharp rise in student numbers during the Session has strained the Library's resources in every respect. Not since 1939, when University College, London, were guests of the College, has the Library met such a great demand for books and seating accommodation. Of the insufficiency of the accommodation there is no doubt, although its extent is difficult to assess. The continued response by readers to facilities for reading during the evenings has been held to warrant the decision to maintain the practice during the coming session.

Congestion in accommodation is paralleled by congestion on the shelves, which has become extreme. Reserve shelves, hitherto kept for material awaiting attention, have been brought into use as normal shelving. Addi-

tional space is most urgently needed.

The procuring of the current books needed by the large body of readers remains difficult and tedious, and attempts made to duplicate books most often in demand have to some extent therefore been hindered. Non-current books are more freely available—often at high prices—and some long-standing gaps in the Library's collections have been filled as a result of constant scrutiny of catalogues. There has been a welcome revival of several important French periodicals suspended during the war, and the publishers of other French periodicals which successfully evaded suspension have in most cases duly supplied their wartime issues. Gaps in sets of United States periodicals, held by the publishers for fear of loss in transit, have now almost without exception been filled. A small number of wartime issues of German periodicals have been received through the official Enemy Publications Committee; it is hoped that the small and often incomplete batches so far received will ultimately be succeeded by more complete deliveries. A few wartime German books have also been received through the same agency.

After a break of four years binding again became regularly possible early in 1947. Some 200 volumes from the General, Science and Departmental Libraries have been bound. It is expected that binding can from now on be done at the normal pace; unfortunately, its cost has risen, since

1939, by 100 per cent.

During the Session authority was obtained to subscribe to an additional fifty periodicals. The number of periodicals now subscribed for is 347, and of periodicals otherwise acquired nearly 500.

Two Library Assistants, Miss S. P. Jenkins, M.A., B.Litt., and Miss B. T. Clay, A.L.A., were appointed during the Session and took up their duties in

January, 1947.

Among the books acquired during the Session the following may be mentioned as being of special interest or importance:—Seneca, Flores sive sententiae... excerptae per 'Desid. Erasmum. Paris, 1547; Marullus et alii. Poetae tres elegantissimi... Paris, 1582; Lucan. Pharsalia... additae sunt... Grotii notae. Amsterdam, 1643; Suetonius. Duodecim Caesares, ex Erasmi recognitione. Paris, 1527; Sommer, H. O. Vulgate version of Arthurian romance. 7 vols. and Index. Washington, 1908-16; Charron, P. De la sagesse. Paris, 1664; Voltaire, Oeuvres, ed. Beuchot. 70 vols. Paris, 1829-34; Reade, A. L. Johnsonian gleanings. Pts. 1-9. London, 1909-46; Yale Studies in English. 37 vols. Boston, etc., 1898-1946 (in progress); Victoria History of the Counties of England. 69 vols. London, 1900-45 (in progress); Recueil des Actes du Comité Public, pub. par. F. A. Aulard. 25 vols. Paris, 1889-1918; Thomas, Joshua. History of the Baptist Association in Wales. London, 1795; Wyon, A. B. The Great Seals of England. London, 1887; Perry, G. Conchology. London, 1811.

Mr. L. M. Angus presented, for the executors of Dr. J. Mortimer Angus, sometime Professor of Latin in the College, 49 volumes, many of which are early editions, of great beauty and rarity, of the classics. Gifts were received from the Director, Banco de Mexico; Principal Ifor L. Evans, 3 vols.; Glasgow University Library; Mr. Sydney Herbert, 5 vols.; Mr. S. H. F. Johnston; Professor Gwyn Jones, 7 vols.; Mr. Thomas Jones, of the Department of Welsh, 2 vols.; M. Georges Lefèbvre, of the Sorbonne, 2 vols.; Mr. C. G. Mathews, of Borth; Mr. J. M. Nosworthy, 2 vols.; Nottingham University College, 5 vols.; Pennsylvania University Library, 9 vols.; Mrs. E. Worthington Powell, of Lyndhurst; Miss A. E. Willis, of Chiswick; and from 35 other persons and institutions.

Additions to the Library totalled 2,557 (of which 164 were pamphlets and 22 theses). Books borrowed from the General and Science Libraries by members of the College numbered 16,311. Books borrowed, through the National Central Library or directly, from other libraries numbered 104,

and 186 books were lent to other libraries.

### HALLS OF RESIDENCE FOR WOMEN STUDENTS

Acting-Warden of Alexandra Hall: Miss L. Powys-Roberts

Throughout the 1946-7 Session the numbers of students in all Halls of Residence has been large. In addition to Alexandra Hall and Carpenter Hall, the Marine Hotel and Cleeve Hill Hotel have again been used as hostels. Food and labour difficulties, even more acute now than during the war years, still present the greatest problem to those responsible for the efficient running of the Halls of Residence. Fortunately the general level of health in the hostels has been high, in spite of the exceptional severity of the winter weather.

The general ruling against Vacation courses and Summer Schools was again waived in favour of the 5-day Clergy course in June, 1946, at Carpenter Hall, and the Historical Association 10-day Summer School, and the Cambrian Archaeological Association Centenary celebration in August and September at Alexandra Hall. In addition, the Ex-Service men of the Teachers' Training Department, who were due to work a third term during June and July, were in residence at Alexandra Hall for 6 weeks, and for a further week at Carpenter Hall during their examination period. In September, Supplementary candidates were housed at Alexandra Hall, while at Carpenter Hall, Training Department students on School Practice were in residence for the week preceding the beginning of Session, and the Entrance Scholarship candidates during the Easter vacation.

During this session, Mrs. K. Guthkelch, Senior Warden of the Women's Halls of Residence for 21 years, tendered her resignation, and left at the end

of the Easter Term.

### HALL OF RESIDENCE FOR MEN STUDENTS.

MR. T. P. WILLIAMS.

Plynlymon Hall was opened as a Hostel for Men Students at the beginning of the Michaelmas Term before the paint on its newly decorated walls was dry. Seventy-five students came into residence, sixty of them being ex-servicemen. All were keen that the new Hostel should succeed and made light of the rather sketchy amenities of the first weeks of term. By Christmas we had received most of the still outstanding items of equipment and settled down to a happy

and optimistic routine. Talks given by Professor E. D. T. Jenkins, Professor E. G. Bowen and Mr. Stanley Rees, Headmaster of Pontardulais Grammar School, revived memories of Plynlymon in the past and helped to recreate a

tradition broken in 1925.

Plynlymon's first Session would not have been the success it is without the enthusiasm and unique efforts of our Matron-Housekeeper, Miss C. M. Macnab, a present help in every trouble. We are indebted, too, to the Assistant Matron, Miss G. M. Davies, who will be leaving shortly, and to Mr. Lawrence Wild, the Assistant Warden for valuable and genial co-operation throughout the year.

### SENIOR TRAINING CORPS.

Major S. H. F. Johnston.

Owing to the large percentage of ex-servicemen in College, the strength of the Contingent has remained small this year, and activities have been limited. The aim being pursued at the moment is to keep the contingent in being until more normal times have demonstrated the effect of conscription on our recruiting problem.



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UNIVERSITY COLLEGE OF WALES PRESENTED **ABERYSTWYTH** 





# Reports to the **Court of Governors**

SUBMITTED ON 27th OCTOBER *- 1948* 



## UNIVERSITY COLLEGE OF WALES

**ABERYSTWYTH** 

A Constituent College of the University of Wales



# REPORTS

SUBMITTED TO THE

COURT OF GOVERNORS

27th OCTOBER, 1948

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NOTE.—These Reports are issued in lieu of the College Calendar for the Seventy-seventh Session, 1948-49.

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Radnorshire

Nominees of The Old Students' Association:

Dr. E. Davies-Thomas.....16, George Road, Edgbaston, Birmingham. Major John Edwards, 11, West Road, Coombe Lane, Kingston, Surrey. Mrs. G. M. Griffith, B.A. ...... Marine Hotel, Aberystwyth.

Nominees who shall not be Members of the Staff of the College Appointed by such Graduates of any of the Universities of the United Kingdom as have been Students of the College for not Less than Two Sessions:

\*Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon., Cardiff.

Dr. Thomas Quayle, M.A......31, Parkside, Mill Hill, London, N.W.7. \*B. B. Thomas, Esq., M.A., 51, Middleway, Hampstead Garden Suburb, London, N.W.11

\*The Rev. Principal G. A. Edwards, M.A., D.D., Theological College, Aber-

\*Sir William Ll. Davies, M.A., National Library of Wales, Aberystwyth. Professor J. Morgan Rees, M.A., University College of North Wales, Bangor.

Nominees of The Governing Body of The University College of NORTH WALES:

The Rev. H. Harris Hughes, B.A., B.D., 19, Scarisbrick New Road, South-

Alderman William George, LL.D., J.P........Garthcelyn, Criccieth. Mrs. M. Silyn Roberts, M.B.E., University College of North Wales, Bangor.

Nominees of The Governing Body of The University College of South Wales and Monmouthshire:

Nominees of The Court of The University of Wales: Iorwerth C. Peate, Esq., M.A., D.Sc., F.S.A., 29, Lon-y-dail, Rhiwbina, Cardiff. Miss G. M. Richards, O.B.E., J.P., B.A., The Woodlands, Abercarn, Mon. \*The Rev. Professor W. R. Williams M.A., Tanybryn, Llanbadarn Road, Aberystwyth.

NOMINEES OF THE HEBDOMADAL COUNCIL OF THE UNIVERSITY OF OXFORD: 

Nominees of The Council of The Senate of The University of CAMBRIDGE:

Nominees of The Senate of The University of London:

Professor D. Hughes Parry, M.A., LL.D., Prys, Blake's Lane, New Malden, Professor C. J. Sisson, D.Litt., M.A., D.ês-L., University College, Gower Street, London, W.C.1.

\*Professor Sir Charles K. Webster, M.A., Litt.D., F.B.A., 4, St. John's

Lodge, Harley Road, London, N.W.3.

### Nominees of The Law Societies in Wales:

Bridgend District Law Society Vacant

Cardiff and District Incorporated Law Society

Chester and North Wales Incorporated Law Society

East Carmarthenshire Law Society

Hugh Williams, Esq. . . . . . . . . . . . . Llandilo, Carm.

Llanelly Law Society

W. Edward Williams, Esq......Cowell Street, Llanelly.

Merthyr Tydfil and Aberdare Incorporated Law Society

W. J. Canton, Esq., D.L., LL.B., Highfield, Penydarren, Merthyr Tydfil.

Monmouthshire Incorporated Law Society Vacant.

Pontypridd, Rhondda and District Law Society

Swansea and Neath Incorporated Law Society

West Wales Law Society

Frederic H. Jessop, Esq., LL.B......Eastgate, Aberystwyth.

Nominees of The Branches of The British Medical Association in Wales:

North Wales Branch: Vacant.

South Wales and Monmouthshire Branch:

Shropshire and Mid-Wales Branch

Dr. A. W. J. Houghton......Drapers Hall, Shrewsbury.

### Women Nominees of The Court of Governors:

### Nominees of The Senate of The College:

Professor E. R. Briggs, M.A., Ph.D., 5(b) South Marine Terrace, Aberystwyth Professor T. A. Stephenson, D.Sc., 17, South Marine Terrace, Aberystwyth. Professor David Williams, M.A., Orlandon, North Parade, Aberystwyth. Nominee of The Teaching Staff not Being Members of The Senate:

I. C. Jones, Esq., M.Sc......Caledfryn, Bryn Road, Aberystwyth.

MEMBERS OF COURT BY VIRTUE OF MEMBERSHIP OF COLLEGE COUNCIL: \*Sir H. Idris Bell, C.B., O.B.E., D.Litt., Brogynin, Iorwerth Avenue, Aberystwyth.

\*Professor C. W. Davies, D.Sc., Woodlands, Brynglas Road, Aberystwyth. \*Professor D. J. Ll. Davies, M.A., LL.B., Orlandon, North Parade, Aberystwyth.

- \*J. Alban Davies, Esq., Oakhurst, Stradbrooke Drive, Chigwell, Essex. \*Sydney Herbert, Esq., J.P., M.A..........7, Marine Terrace, Aberystwyth. \*L. J. Hudleston, Esq., M.C., B.Sc., 5(a), South Marine Terrace, Aberystwyth. \*The Rev. R. Hughes, M.A., Erw'r Llan, Llanbadarn Road, Aberystwyth. \*Professor T. J. Jenkin, D.Sc., Rhoslwyn, Iorwerth Avenue, Aberystwyth. \*Sir C. Bryner Jones, C.B., C.B.E., M.Sc., LL.D., 12, Laura Place, Aberystwyth.
- \*Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth.
  \*J. Morgan Jones, Esq., C.B.E., M.A., Maesnewydd, North Road, Aberystwyth.

\*Denotes membership of College Council.

Bankers.—The National Provincial Bank, Limited, Aberystwyth.

Auditors.—Messrs. James Fraser and Sons, Chartered Accountants, 31, Copthall Avenue, London, E.C.2.

### COUNCIL

### President

Thomas Jones, Esq., C.H., M.A., LL.D., ...... Brynhir, Penglais Road, Aberystwyth.

### Vice-Presidents

The Right Hon. The Earl of Lisburne, Portnall Lea, Virginia Water, Surrey. Lieut.-Col. Sir George Fossett Roberts, C.B., O.B.E., D.L., J.P., LL.D., Glanpaith, Aberystwyth.

### Treasurer

Ivor Evans, Esq., M.A., Carregwen, Llanbadarn Road, Aberystwyth.

Principal

Principal Ifor L. Evans, M.A., University College of Wales, Aberystwyth.

Vice-Principal

Professor R. B. Forrester, M.A., M.Com., Morven, St. David's Road, Aberystwyth.

### Representative Members

Nominee of Old Students' Association
His Honour Judge Ernest Evans, B.A., LL.B., Huanfa, Ceibach, New
Quay, Cards.

Nominee of the University of Wales

The Right Rev. The Lord Bishop of St. Asaph, D.D., The Palace, St. Asaph.

Nominee of Graduates

Professor Olive Wheeler, D.Sc., University College of S. Wales and Mon., Cardiff.

Nominee of the University of Oxford
Principal Sir Frederick W. Ogilvie, M.A., LL.D... Jesus College, Oxford.

Nominee of the University of Cambridge
Dr. T. Ellis Lewis, B.A. . . . . . . . . The Squire Law Library, Cambridge.

Nominee of the University of London
Professor Sir Charles K. Webster, M.A., Litt.D., F.B.A., 4, St. John's
Lodge, Harley Road, London, N.W.3.

Nominees of the Senate of the College
Professor C. W. Davies, D.Sc., Woodlands, Brynglas Road, Aberystwyth.
Professor D. J. Ll. Davies, M.A., LL.B., Orlandon, North Parade, Aberystwyth

Professor T. J. Jenkin, D.Sc., Rhoslwyn, Iorwerth Avenue, Aberystwyth. Professor Gwyn Jones, M.A., Hillside, Brynymor Road, Aberystwyth. Professor L. Newton, M.Sc., Ph.D., Bancyrhos, Caemelyn, Aberystwyth. Sydney Herbert, Esq., J.P., M.A. . . . . . . . . . . . . 7, Marine Terrace, Aberystwyth. L. J. Hudleston, Esq., M.C., B.Sc. . . . . . 5a, South Marine Tce, Aberystwyth.

### Elected Members

### To retire in October, 1948

Emeritus Professor C. R. Chapple, M.A., Woodville, Penglais Road, Aberystwyth. Alderman Hubert M. Davies ...... Grosvenor Hotel, Cardigan. Sir William Ll. Davies, M.A., National Library of Wales, Aberystwyth. The Rev. Principal G. A. Edwards, M.A., D.D., Theological College, Aberystwyth. Emeritus Professor T. Campbell James, M.A., D.Sc., Valsolda, Caradoc Road, Aberystwyth. Major Edgar Jones, M.A.....Eryl, Porthycastell, Barry, Glam. J. Emrys Jones, Esq., National Provincial Bank, Limited, Aberystwyth.
J. Henry Jones, Esq., M.A., Ph.D. . . Glwyscoed, Caradoc Road, Aber-Lieut-Col. D. C. Lewis, D.L., M.Sc., County Secondary School, Aberystwyth. H. J. Lewis, Esq., M.A......Rhoslwyn, Buarth Road, Aberystwyth. Humphrey D. Roberts, Esq., B.Sc., LL.B., Maesyrhedydd, Aberystwyth. B. B. Thomas, Esq., M.A., 51, Middleway, Hampstead Garden Suburb, London, N.W.11. The Rev. Canon Richard Ward, B.A., The Vicarage, Laura Place, Aberystwyth.

To retire in October, 1949

The Rev. Principal Canon H. K. Archdall, M.A., St. David's College, Lampeter, Cards. J. Alban Davies, Esq......Oakhurst, Stradbrooke Drive, Chigwell, Essex. Sir Leonard Twiston Davies, K.B.E., D.L., LL.D., F.S.A., Rockfield Park, Monmouth.

Dr. David Ellis, B.S., J.P.....Cartrefle, Norfh Road, Aberystwyth. Miss A. Gower Jones, J.P., M.A......Sunnyside, Aberayron. Dr. Ernest Jones, M.Sc., D.P.H., Isallt, St. David's Road, Aberystwyth. Dr. D. J. Roberts..........The Lodge, Radyr, Cardiff. E. Haddon Roberts, Esq., M.B.E., M.A., M.Sc., County Secondary School, Machynlleth. Sir John Russell, D.Sc., F.R.S.....Campsfield Wood, Woodstock, Oxon. T. D. Slingsby-Jenkins, Esq., J.P., Porth Elenydd, Devil's Bridge, Cards. The Hon. Mr. Justice Stable, Plas Llwyn Owen, Llanbrynmair, Mont. Principal Richard Thomas, M.A., D.Sc.....Normal College, Bangor. The Flev. Prof. W. R. Williams, M.A., Tanybryn, Llanbadarn Road, Aber-

ystwyth.

### **COLLEGE STAFF**

### Principal:

IFOR L. EVANS, M.A. (Cantab.); former Fellow of St. John's College, Cambridge.

### Vice-Principal:

SUBJECTS

R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.).

Professors and Lecturers

Greek and Latin	Professor of Classics: W. H. DAVIES, M.A. (Wales). Senior Lecturer: ARNOLD M. DUFF, M.A., B.Litt. (Oxon.). Lecturers: ALUN HUDSON-WILLIAMS, B.A. (Wales), M.Litt. (Cantab); LAWRENCE N. WILD, B.A. (Oxon.), M.A. (Sheffield). Assistant Lecturer: B. R. REES, M.A. (Oxon.).
English Language and Literature	Rendel Professor: GWYN JONES, M.A. (Wales). Lecturers: J. EARNSHAW, M.A. (Manc.); J. M. NOSWORTHY, B.A. (Reading). Assistant Lecturers: J. KINSLEY, B.A. (Oxon.), M.A. (Edin.); D. SLAY.
Welsh Language and Literature	Professor: T. H. PARRY-WILLIAMS, M.A., D.Litt. (Wales), D.Litt. (Oxon.), Ph.D. (Freiburg), former Fellow of the University of Wales.  Senior Lecturers: D. J. GWENALLT JONES, M.A. (Wales); THOMAS JONES, M.A. (Wales).  Lecturer: GARFIELD H. HUGHES, M.A. (Wales).
French Language and Literature and Romance Philology	Professor: E. R. BRIGGS, M.A., Ph.D. (Cantab.). Senior Lecturer: Miss E. M. PHILLIPS, M.A. (Wales), Docteur de l'Universite de Paris. Lecturers: J. KILLA WILLIAMS, M.A. (Wales); O. R. TAYLOR, M.A. (Wales).
German	Professor: DAVID EVANS, M.A. (Wales). Lecturer: Miss KATHLEEN WEBBER, B.A. (Leeds), D.Phil. (Oxon.).
History	Professor: REGINALD F. TREHARNE, M.A., Ph.D. (Manc.).  Special Lecturer: R. H. SOLTAU, M.A. (Oxon.). Senior Lecturer: S. H. F. JOHNSTON, M.A., B.L.H.  (Oxon.).  Lecturers: I. J. SANDERS, M.A. (Wales), D.Litt. (Oxon.); ALUN DAVIES, M.A. (Wales). Assistant Lecturer: E. B. FRYDE, B.A., D.Phil. (Oxon.).
Welsh History	Sir John Williams Professor: DAVID WILLIAMS, M.A. (Wales), A.M. (Columbia). Research Professor (Mediaeval): T. JONES PIERCE, M.A. (Liv.).

	Professor: R. I. AARON, M.A. (Wales), D.Phil.
Logic and Philosophy	(Oxon.).  Senior Lecturer: DAN DAVIES, M.A. (Wales), Ph.D. (Glas.), former Fellow of the University of Wales.  Lecturer: J. R. JONES, M.A. (Wales), D.Phil. (Oxon.).  Assistant Lecturers: R. J. SPILSBURY, B.A. (Oxon.); W. J. REES, B.A. (Wales).
Education, including Art and Crafts	Professor and Head of Training Department: IDWAL JONES, M.A. (Wales). Senior Lecturer and Master of Method: Senior Lecturer and Mistress of Method: Miss GWENAN JONES, M.A. (Wales), Ph.D. (Minnesota).  Lecturers: Miss R. M. CREED, M.A. (Oxon.); Miss HYWELA A. SAER, B.A. (Wales), Ph.D. (Lond.); J. R. MORRISON, M.A., B.Sc. (Glas.), B.Ed. (Edin.); W. J. LEWIS, M.Sc. (Lond.); A. L. TROTT, M.A. (Wales), M.Ed. (Durham).  Lecturer in Art and Crafts, and Curator of Museum: R. L. GAPPER, B.Sc. (Wales), A.R.C.A. Instructor: SCOTT NISBET.  Part-time Assistant: Miss GWENHWYFAR DAVIES.
Economics and Political Science	Professor: R. B. FORRESTER, M.A. (Edin.), M.Com. (Manc.).  Special Lecturer in Administration: SYDNEY HERBERT, M.A. (Wales).  Senior Lecturer: PERCY GEORGE, M.A. (Cantab.), M.Sc. (Wales), Barrister-at-Law. Lecturers: J. H. MORRIS, M.Sc. (Lond.); P. H. GUENAULT, M.A. (Sheffield).
International Politics	Wilson Professor: Lecturer: I. G. JOHN, B.A. (Wales), M.Sc. (Lond.).
<b>M</b> usic	Gregynog Professor: Lecturers: CHARLES CLEMENTS, B.Mus. (Wales), F.R.C.O.; JOHN CLAPHAM, D. Mus. (Lond.), A.R.A.M., A.R.C.M. The Assistant Staff of Executants and Teachers includes: WILLIAM R. ALLEN, A.R.C.M., Tagore Gold Medallist, Royal College of Music. (Singing.) RAYMOND JEREMY, F.R.A.M. (Viola).
Law	Professor: D. J. LLEWELFRYN DAVIES, M.A. (Cantab.), LL.B. (Wales), Barrister-at-Law. Lecturers: J. UNGER, LL.M. (Lond.), Barrister-at-Law;
Pure Mathematics	Professor: V. C. MORTON, M.A. (Oxon.). Senior Lecturer: D. R. WILLIAMS, M.A. (Wales), Ph.D. (Strasbourg). Lecturer: Miss DOROTHY S. MEYLER, M.Sc. (Wales).

Applied Mathematics  Independent Lecturer and Head of Department: THOMAS LEWIS, M.Sc. (Wales).  Lecturers: Miss DOROTHY S. MEYLER, M.Sc. (Wales); C. E. EASTHOPE, M.Sc. (Wales), Ph.D. (Cantab.).
Physics : R. M. DAVIES, D.Sc. (Wales), Ph.D. (Cantab.), F.Inst.P. Senior Lecturer: I. C. JONES, M.Sc. (Wales), F.Inst.P. Lecturers: D. A. RICHARDS, M.Sc. (Lond.), A.R.C.S., D.I.C.; G. R. EVANS, M.Sc. (Liv.). Ph.D. (Wales); E. M. JOB, B.Sc. (Wales), Assistant Lecturer: W. M. JONES, B.Sc. (Wales), D. Phil. (Oxon.).
Professor: C. W. DAVIES, D.Sc. (Wales), F.R.I.C. Senior Lecturer: L. J. HUDLESTON, M.C., B.Sc. (Lond.), F.R.I.C.  Special Lecturer in Biochemistry: W. CHAS. EVANS, M.Sc., (Wales), Ph.D., (Manc.)  Lecturers: MANSEL M. DAVIES, M.Sc. (Wales), Ph.D. (Cantab.); J. B. BOWEN, B.Sc. (Wales), A.R.I.C.; C. MONK, B.Sc., Ph.D. (Lond.).  Assistant Lecturer: E. N. JENKINS, M.Sc. (Wales).
Zoology (including Agricultural Zoology)
Gregynog Professor: E. G. BOWEN, M.A. (Wales). Lecturers: WALTER FOGG, M.A. (Manc.); ALWYN D. REES, M.A. (Wales); C. A. FISHER, M.A. (Cantab); E. WATSON, M.A. (Belfast). Assistant Lecturer: E. H. BROWN, B.Sc. (Lond.).
Botany  Botany
Geology Professor: A. WOOD, B.Sc., Ph.D. (Liv.). Senior Lecturers: J. CHALLINOR, M.A. (Cantab.); J. I. PLATT, M.Sc. (Manc.). (Professor (Animal Husbandry): J. E. NICHOLS,
Agriculture and Rural  Economy M.Sc. (Durham), Ph.D. (Edin.), F.R.S.E.  Professor (Crop Husbandry): W. ELLISON, B.Sc., Ph.D. (Durham).  Assistant Lecturer:
Agricultural Chemistry  Independent Lecturer and Head of Department: R. O. DAVIES, M.Sc. (Wales), F.R.I.C. Senior Lecturer: W. M. ASHTON, B.Sc., Ph.D. (Wales), A.R.I.C.
Agricultural  Economics  Professor: E. F. NASH, M.A. (Oxon.).  Assisted by Advisory and Research Staff (see below).

Agricultural Botany	Professor: T. J. JENKIN, D.Sc. (Wales). Special Lecturer: P. T. THOMAS, B.Sc., Ph.D. (Wales).
Dairying	Director of College Dairy: JOHN LEWIS, M.Sc. (Wales), N.D.A., N.D.D. Assistant Lecturer in Dairy Bacteriology: Miss Eve BILLING, B.Sc. (Reading). Assistant:
Welsh Plant Breeding { Station	Director: Professor T. J. JENKIN, D.Sc. (Wales). Research Officers in charge of Investigations: E. T. JONES, M.Sc. (Wales); G. EVANS, M.Sc. (Wales); LL. I. JONES, B.Sc. (Wales); A. R. BEDDOWS, M.Sc. (Wales); W. WILLIAMS, B.Sc. (Wales).  Research Officers: W. E. J. MILTON, M.Sc. (Wales); C. D. PRICE, M.Sc. (Wales); LL. PHILLIPS, B.Sc. (Wales); D. J. GRIFFITHS, B.Sc. (Wales); D. G. MILES, B.Sc. (Wales); W. E. DAVIES, B.Sc. (Wales); H. M. ROBERTS, B.Sc. (Wales); J. P. COOPER, B.Sc. (Reading); ROY HUGHES, B.Sc. (Wales); IEUAN DAVIES; B.Sc. (Wales).  Translator: Miss R. P. JONES, B.A. (Wales).
Agricultural Economics Research and Advisory Staff.	Adviser: Professor E. F. NASH, M.A. (Oxon.). Assistant Adviser: J. PRYSE HOWELL, O.B.E., M.Sc. (Wales). Agricultural Economist: J. R. E. PHILLIPS, M.A. (Wales). Assistant Agricultural Economists: T. G. JONES, B.Sc. (Wales); B. H. ROBERTS, B.Sc. (Wales); I. J. THOMAS, B.Sc. (Wales); Miss A. D. HOOPER, M.A. (Wales); Miss E. JOHNSON, B.A. (Lond.).
Animal Health	Milford Professor and Director: ALASTAIR N. WORDEN, M.A. (Cantab.), B.Sc. (Lond.) M.R.C.V.S., A.R.I.C. Assistant Director: RICHARD PHILLIPS, M.Sc. (Wales), A.R.I.C. Special Lecturer in Biochemistry: W. CHAS. EVANS, M.Sc. (Wales), Ph.D. (Manc.). Lecturer in Bacteriology: Parasitologist: E. PARKER POLLARD, B.Sc., (Lond.). Scientific Officers (Pathology): E. T. REES EVANS, B.Sc. (Lond.), M.R.C.V.S.; H. E. ROBERTS, B.Sc. (Lond.), M.R.C.V.S.; Attached for Research (Pathology): H. I. FIELD, M.Sc. (Wales), M.R.C.V.S. Consulting Veterinary Surgeon: T. ROGER THOMAS, M.R.C.V.S Assistants (Animal Production): G. J. ENGLAND, B.A. (Cantab.); LL. R. EVANS; M. FISHER, B.Sc. (Wales); J. LEWIS, B.Sc. (Wales); D. McKELVIE, B.Sc. (Edin.). Assistant (Biochemistry and Physiology): ALAN W. DAVIES, A.R.I.C. Assistant (Parasitology and Ecology): Miss MARIE N. STEPHENS, B.Sc. (Wales). Assistant (Pathology): R. I. ISAAC, B.Sc. (Wales).

Physical Training	Instructor: Major H. F. STIMSON, M.B.E., T.D., Diploma of Sheffield Physical Training College. Instructress: Miss H. M. WADDINGTON, Diploma of Anstey Physical Training College.
-------------------	--

Department of Extramural Studies .... | Director: Resident Staff Tutors: D. HUGHES LEWIS, B.A. (Wales); BRYNMOR THOMAS, B.A. (Wales); W. J. JONES, B.A. (Wales).

#### Emeritus Professors:

Welsh Literature	T. GWYNN JONES, C.B.E., M.A., D.Litt. (Wales) D. Litt. (Dublin, N.U.I.).
Education	C. R. CHAPPLE, M.A. (Lond.).
Agricultural Chemistry	T. W. FAGAN, M.A. (Cantab.), F.R.I.C.
English	J. W. H. ATKINS, M.A. (Cantab), D.Litt. (Manc.).
Law	T. A. LEVI, M.A., B.C.L. (Oxon.), LL.B. (Lond.).
Zoology	R. D. LAURIE, M.A. (Oxon.).
Agriculture	J. JONES GRIFFITH, B.Sc. (Wales).
Chemistry	T. CAMPBELL JAMES, M.A. (Cantab.), D.Sc. (Wales), F.R.I.C.
There als	T. I. AND DE DADDIED Time: A Takes (David)

J. L. ANDRÉ BARBIER, Licencie es Lettres (Paris), O.A., Chevalier de la Legion d'Honneur.

Classics ..... E. D. T. JENKINS, M.A. (Oxon.).

Director Emeritus of the Welsh Plant Breeding Station

SIR GEORGE STAPLEDON, C.B.E., M.A. (Cantab.), F.R.S.

#### ADMINISTRATION

Registrar: T. MAELGWYN DAVIES, M.A. (Wales).

Secretary, Welsh Plant Breeding Station: J. O. PARRY-WILLIAMS.

Librarian: ARTHUR AP GWYNN, M.A. (Wales).

Warden of Alexandra Hall: Miss L. POWYS-ROBERTS, M.A. (Oxon.)

Warden of Carpenter Hall: Mrs. G. MORGAN JONES, B.A. (Wales).

Warden of Plynlymon Hall: J. H. MORRIS, M.Sc. (Lond.).

Dean of Faculty of Arts: Professor IDWAL JONES, M.A. (Wales).

Dean of Faculty of Science: Professor T. J. JENKIN, D.Sc. (Wales).

# REPORT

1947-1948

In accordance with the Statutes of the College, the following Report on the work of the College in its several Departments during the year ended 30th June, 1948, is presented:—

## I.--STUDENT NUMBERS

		Session	is		
	1943-44	1944-45	1945-46	1946-47	1947-48
Total Numbers.	100	215	. 390	691	799
Men Women Total	199 298 —497	318 533	365 755	340 1031	342 ——1141
First Year Students.					
Men Women	93 113 ——206	107 117 ——224	150 140 ——290	215 76 ——— 291	230 110 340
Degree Students.					
Initial Degree Post-graduate Total	410 5 —415	427 4 ——431	619 18 ——637	855 36 ——— 891	961 47 ——1008
Other Students (excluing Short Courses)		102	118	140	133
Distribution of Students.					
NORTH WALES.					
Anglesey Caernarvonshire Denbighshire Flintshire Merioneth Montgomeryshi	14 9 14	4 18 21 10 12 18 —— 83	12 19 33 18 18 23	12 33 33 18 37 35 ——— 168	6 37 39 26 44 40 ————————————————————————————————
South Wales a Monmouthshir					
Breconshire Cardiganshire Carmarthenshir Glamorgan Pembrokeshire Radnorshire Monmouthshire	148 17 2	16 77 76 160 22 5 24 ——380	18 110 79 239 32 6 34 ——518	17 164 119 302 41 9 61 —— 713	22 149 140 317 42 7 73 —— 750
REMAINDER OF GRE	EAT				
BRITAIN OVERSEAS	47 6	65 5	104 10	136 14	181 18

II. STATISTICS OF COLLEGE DEPARTMENTS \|

		Num	Number of Stu Registered		Students	ıts			Number	jo	Studen	Students taking Sessional Examinations	ng S	essio	nal		Number	er of	Students	ents	passed	peq		1
Department	Intermediate	Subsidiary	Final	1st Year Honours	Honours Post-graduate	Post-graduate Dip. or Certif.	Other students		Intermediate	Sabsidiary	Final	lst Year Honours	Honours	Post-graduate	Diploma or Certificate	Other students	Intermediate	Subsidiary	Final	st Year Honours	Honours	Post-graduate	Diploma or Certificate	Other students
Classics:																					_	-		
(a) Greek	4+1*	2	-		-		-	4	4+1*	7		1			-	3	3+1*	7	<del>-</del>		-			
(b) Latin	13	17	4+1*	H	7	+			13	16. 4	+1*		2	1	<u> </u>	<u> </u>	15	15	3	1	7	1	İ	
Economics	1	132	53	30	21	3	<u> </u>			127	53	30	16	7		<u>`</u>	1	105	47	29	16	7	İ	
Education		32	41.	4		98	-	<u> </u>		30	14	4	-	98	i	1	1	26	12	4		85	Ī	
Art and Crafts	6	1	1	Ī	-	T	1 132	32	6					ı		-	∞	-				1	ĺ	
English	34	104	36	13	∞	5	1	T	33	101		13	$\infty$				25	65 31	1+6	7	∞	-	İ	
French	30	41	11	13	-6	<del>-</del>	<u>'</u>	1	30 4	41+1*	10+3	12+2*	∞ .	1			15	22	6	12	∞		İ	
Geography and Anthropology		117	64	54	41	r.C		1		112	63	53	41	rU	1	<del></del>		77	09	38	41	7.2		
German	78	14	∞	5	9	<del>-                                    </del>		<del>\</del>	28	14	∞	5	9			<del>-</del>	12	12	∞	5	9		i-	
								_																

STATISTICS OF COLLEGE	F C	OLLEC		DEPARTMENTS—continued	1EN1	S-c	ontir	ned											
History	:	34	26	45 11 15	3		$\overline{}$	31	94	45	111	12 -		15+9†	61	41	10	12	
International Politics	tics	1	I	12 - 9	- 6	İ	T	1		12	1	8			1	12	1	00	T
Philosophy	:	74	44	11 9 2	2 2	İ	1	72	. 43	11+3	7	2		09	34	14	7	7	
Welsh	:	.6	35	12 7 8	8 2	·	T	6	32	11	1	8 1		7	20	11	1	00	Н
Welsh History	:	1.	29	3	1	İ		1	53	3				-	21	7		1	1
Botany	:	55	50	25 12 18	33	·	1	55	48	25	12 1	18		50	4	20	12	17	1
Chemistry	:	59	38	6 22 15	5 10	.I	T	58	38+1*	5	21 1	14	-	52	35	4	21	14	1
Geology	:	69	22	9 – 7	7 _	1	T	89	22	∞	-	9	1	57	18	9	I	9	-
Mathematics	:	1	1	I	- 6	1		Ī	1	1	I				1	1	1	7	1
Do. Applied	:	7	19	11 5 1	-	1	T	7	18	6		1		5	16	∞	-	П	1
Do. Pure	:	24	43	11 7 9	9 1	Ī	1	19	38	11	2	8 1	1.	16+6†	25	9	70	7	-
Physics	:	21	39	21 8 15	5 10	İ	T	19+1*	38	18	8	13 —		11	29	15	∞	12	1
Zoology	:	43	42	21 6	6 1	1	1	43+1*	42	20.	9	6 1	1	33	29	13	9	9	-
Law	:	1	17	17 — 17			T	1	17+1*	17	-	17 —		1	14	15	1	16	Ī
Music	:	∞	12	- 9.	9		71	8	12	9	T	<del>-</del> 9	1	7	10	9		9	T
		The stat	sistics rerestrates	e statistics relating to *External Students.	the f	Agricu	ıltur d pa	al Depa	artment n <b>term</b> edi	will b	e for	ind in	the resp alt of Su	The statistics relating to the Agricultural Department will be found in the respective departmental reports. *External Students. †Granted pass at Intermediate Stage on result of Subsidiary Examination.	rtmen	tal repo	orts.		

## III. AWARDS HELD

## 1. Entrance Scholarships and Exhibitions were awarded as follows:-

#### (a) OPEN SCHOLARSHIPS

Award	Value	Name of Student	School attended
David Davies	£40	Williams, Gwyn A.	Cyfarthfa Castle Secondary School, Merthyr Tydfil
Price Davies	40	Adams, John Brian	County School, Neath
Price Davies	40	Underhill, Leslie H.	Secondary School, Aberdare
Sir Alfred Jones	25	Edmunds, John David	Ardwyn County School, Aber- ystwyth
Commercial Travellers	15	Hughes, Megan Roger	County Grammar School, Pontypridd
Rendel Memorial	15	Harberd, Raymond T.	County School, Barry
Mold Eisteddfod	12	Battersby, Kathleen May	Grove Park Girls' Grammar School, Wrexham

#### (b) Closed Awards

·			
Da <b>v</b> id Morgan Thomas	30	Evans, John Owen	Grove Park Grammar School, Wrexham
Elizabeth Davies (Brynteifi)	20	James, Betty Wyn	County Grammar School, Llandovery
Sir Alfred Jones	25	Jones, Elinor Gwenda	County Girls' School, Car- marthen
Robert Bryan	30	Jones, Megan Vaughan	Grammar School, Penygroes, Caerns.
Ellis Eyton	10	Lewis, John R. J.	Grammar School, Pwllheli
David Jenkins			Ardwyn County School, Aber- ystwyth
Joseph Thomas	30	Thomas, David A.	Queen Elizabeth Grammar School, Carmarthen

## 2. Other Scholarships and Exhibitions were held by the following:-

# (a) Renewed for a Second Year

Award		Value	Name of Student
David Davies .		 £40	Roberts, Paul H.
Price Davies		 40	Jones, Ronald
Price Davies		 40	Mason, Haydn T.
Brereton		 12	Owen, Mary Wynn
Robert Bryan .		 35	*Evans, Meurig
Commercial Traveller	S	 15	Harris, Brian J.
Edward Jones .		 13/6/8	*Humphreys, Leslie H.
Edward Jones .		 12	Edwards, David Teify
Sir Alfred Jones .		 25	O'Brien, Dilys Belinda
Sir Alfred Jones .		 25	Davies, David Neil Fox
Keeling Entrance		 30	Jones, Noel Rees
Humphreys Owen .		 20	Williams, Gertrude C.
David Morgan Thoma	as	 30	Davies, Gwilym E. E.
David Morgan Thoma	as	 25	*Owen, Meurig Wynn
David Morgan Thoma	as	 30	*Davies, John E. E.

## (b) Renewed for Third Year

(-)			
Award  David Davies		25 40 10 25 20 30 25 30	Name of Student Ambrose, Kathleen Roberts, William E. Thomas, Alun * John, Subina Evans, Alice M. Knoyle, Jean M. * Jones, David M. Jones, Charles E. * Jones, David C. Morgan, Catherine L. Harris, Ronald H. Harries, W. Gerallt * Jones, David A. R.
(c) Renew	ED FOI	r a Four	TH YEAR
Commercial Travellers			Heywood, Leo J. G.
Cynddelw		£21	Harries, W. Gerallt.
(e) M1	SCELLA	NEOUS A	AWARDS
Sir Henry Jones Memorial Priz Alun Lewis Prize Joseph Hamwee Prize	e	£2/10/0 3	Davies, Josiah Pugh, David R. P. Walker, Ronald F.
(f) Travelling Grand		20 each ring :—	were awarded to the
Ambrose, Kathleen Bowen, David J. Brodie, Morris B. Cairns, Margaret P. M. Davies, Beryl Davies, David H. Davies, Gwilym P. Devonald, Vivian G. Evans, Muriel W. Harries, William G.			Harries, Wynford L. Hughes, Iorwerth G. Hughes, Ursula C. Jones, Ieuan E. Owen, Meurig W. Poole, Charles K. Thomas, Elizabeth M. Walker, Ronald F. Walters, Eleanor M. Williams, Nesta M.
3. Research Awards were	held b	y the fo	llowing :—
(a) Ilwiyebsity			

(a) University Studentships (£150 per annum).

Ellis, Edward L. Jones, Catherine Glyn Ware, Charlotte S. Evans, Gwenllian Williams, Menai

#### (b) College Awards

Sir Garrod Thomas Fellowship  $\dots$  £150 James, Gwyneth M.

\*=Awards resumed after absence on National Service.

#### IV.—INITIAL DEGREE EXAMINATIONS

I.—Intermediate. S.—Subsidiary. F.—Final. H.1.—1st Year Honours. H.—Honours.

The students whose names are printed in italics graduated in Session 1947-48. \*Denotes graduation under Temporary (War) Regulations.

## (a) September, 1947

## Faculty of Arts

Subject

Name Davies, Beryl Rita I. Welsh. Davies, Howard Isaac

Davies, John Sidney Davies, Mary Eleanor Davies, Nancy Dodd, Norman Arthur

Evans, Gwilym Wyn Evans, William Dyfrig

Fowler, Colin Fowler, Derek Henry Gethin, John Davies Griffiths, Ifor Gibbon

Grove, John Curtis Harding, Frank Marwood

Harris, David Arthur Hughes, Griffith Rees

Hughes, Iorwerth Gwyn Jackson, Joseph Michael

James, Evan John

James, William Geraint Lewis

Jones, Carys Lloyd Jones, Cyril James

Jones, David Howell Jones, Eurwyn Thomas

Jones, Ifan Åled

Jones, James Hywel Jones, John Hubert Jones, Margaret Jones, Wilfred Leach, David Arthur

Lemon, Gerald Graham Mason, Haydn Trevor

Middleton, Arthur Miles, Geoffrey Sidney

Morgan, Goronwy Mulley, Patrick Clive Myers, Marion Joyce

Peters, Thomas Warren Price, David Hugh Price, Robert Clive

Pudner, Basil Pugh, David

Rees, Gwyneira Roberts, Joan Eryl

I. Geology

S. Economics

S. German

S. Education, S. Constit. Law S. English

S. Music, S. Geography

S. Philosophy I. Latin

I. French I. English

S. German
S. Economics, S. Geography
S. Economics
I. English, S. Economics

S. French I. Welsh

I. History, S. Economics, S. Geography I. Geology

S. Welsh, S. Economics, S. Geography,

I. Geology I. Welsh, I. Philosophy

I. French

I. Philosophy, S. Education, S. Economics

S. Education I. Welsh, I. History, S. Economics

S. Constitutional Law S. Latin

I. French S. Music

I. History S. Economics, I. Geology

I. History I. History

I. History

I. Geology
S. Constitutional Law
I. Latin
I. Latin

I. Latin

S. Economics

I. Geology S. French

S. Latin

S. Constitutional Law

I. French.

Smith, William David Sulston, Linda Dorothy Addie Theophilus, Timothy

Thomas, Elwyn Rhys

Watson, Beryl

Wilcox, Herbert Rowland Charles

Williams, Derek

Williams, Gertrude Claudia Williams, Haydn Murray Williams, Islwyn

Wilson, Mair Annette Wood, Peter Denis

I. German

S. English

S. Economics, S. Geography I. Philosophy, S. Constitutional Law I. Latin

S. Economics

I. Philosophy I. French

S. Education I. Welsh, S. Geography

S. History, I. Art, S. Geography

S. Constitutional Law

### Faculty of Science

Cartwright, John Francis Davies, John Oliver Ingram, Meredydd ap Owain Jones, Arvon Wynne Jones, Robert Roy Puleston Lewis, John Tudor

Morgan, Arthur Rowland Morris, Islwyn Jarman Morris, Mona Allison Rees, Leslie

Wilson, George

S. Pure Mathematics

I. Pure Mathematics

S. Economics S. Physics S. Physics

S. Pure Mathematics, S. Physics, S. Chemistry

S. Pure Mathematics

I. Physics I. Zoology

I. Pure Mathematics

S. Economics, S. Geography

## Faculty of Rural Science

Bevan, William John Luscombe Cash, Thomas Howard Emrys Christopher, Kenneth George David, John Anthony Griffiths Davies, David William Earle, Margaret Enoch, Ivan Claude Evans, Joseph Ashton Evans, William Morgan Gordon-Williams, William

John, David Iorwerth Jones, William David Gwynn Lewis, John Watts Lloyd, David Hanbury

Messing, Janusz Henryk Leon

Mottram, Kay Dominic O'Brien, Colin Rees, David Victor Herbert

Rees, John Elias Rees, John Ifor Havard

Roberts, Alun Scott, Philip

Simpson, Christopher John Harry Thomas, Elwyn Bassett Williams, Thomas Granville Williams, Thomas Rees

Wilson, Geoffrey Maynard

I. Chemistry

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry

S. Economics

I. Botany, I. Chemistry I. Chemistry

S. Agricultural Botany

I. Botany, I. Chemistry I. Botany

I. Botany, I. Zoology

S. Agriculture

I. Botany

S. Agricultural Botany, I. Chemistry S. Agriculture, S. Agricultural Chemistry

S. Economics

S. Agricultural Botany

S. Economics I. Botany

S. Agriculture I. Chemistry

S. Agriculture, S. Agricultural Botany

 Chemistry I. Zoology

S. Agricultural Chemistry

I. Botany, I. Zoology.

S. Agriculture I. Botany

I. Chemistry

## Faculty of Law

Davies, Eryl Lynn Jones

Evans, Freda Rhys Hughes, Henry Morris Rees, Marianne Valentine Sallis, Thomas

Young, Thomas Frederick Green

Part I Constitutional Law, Part I Contract and Tort Part I Criminal Law Part I Criminal Law Part I Constitutional Law

Part I Contract and Tort Part I Constitutional Law

June, 1948

## Faculty of Arts

Adams, Annie Josephine Harris (External)

Ambrose, Kathleen

Arthur, Betty Askey, George

Battersby, Kathleen May

Benjamin, Valmai Bevan, Leonard Bevan, Marion Joyce Binding, Francis Wyndham Blakely, Winifred

Boast, William Connard Boote, Maurice John

Borley, Marguerite Marianne Amelia

Bottel, Eric Malcolm Bowen, David James \*Brace, John Lynn Bretherton, Thelma Brodie, Morris Bernard Brookes, May

Brown, Elizabeth Margaret

Bufton, Enid

Burgoyne, Edward Geoffrey .

Burn, Charles John Cairns, Margaret Patricia Mary \*Campbell, Douglas Lewis Carr, Agnes Mary Carran, Marjorie Edith

Carter, Harold \*Cass, Ronald Catherall, Ann Charles, Glyn Chesters, Arthur I. Greek, F. French

French, I and Certificate of Oral Proficiency

S. Economics, S. Geography

H. Geography, II (1) S. Latin, S. English, S. French, I. Philosophy

I. English, I. Welsh, S. Music H. Economics, I F. Economics, S. Welsh History

S. English, S. History, S. Philosophy S. English, S. French, S. German, S. Philosophy

S. History, I. Geology

I. English, I. History, I. Philosophy, I. Geology

F. English, S. Constitutional Law

H. History, II (2) H.1. Welsh, F. Welsh History H.1. Education, H.1. Economics

I. English, I. Philosophy H.1. Education, H.1. Economics

F. Welsh, F. Philosophy, S. Welsh History

S. History, F. Economics, S. Welsh His-

S. Latin, I. French, S. History, S. Geography

S. Philosophy, H.1. Economics, S. Constitutional Law

S. English, S. French, S. History

F. English, F. Philosophy, F. Education

F. History, H.1. Geography F. English, H.1. French

S. English, S. History, I. Philosophy, S. Economics

S. Economics, I. Geology

F. Music

F. English, S. Education, I. Art I. Philosophy, S. Economics

S. English, I. French, S. Geography, I. Geology

Christopher, John Anthony

Craik-Smith, Sibyl Mina Croxson, Mary

Crump, Geoffrey Frederick Dajani, Nijmeddin Izzat

Darlington, Joseph Thomas Davies, Aled Lloyd

\*Davies, Benjamin Davies, Beryl Davies, Beryl Rita \*Davies, Brian Arwyn Fox Davies, Dan Ifan Davies, David Cyril \*Davies, David Hywel Davies, David Ieuan Davies, David Neil Fox

Davies, David Trefor Davies, Emrys

Davies, George William Reginald Denny

Davies, Glenys

Davies, Gwilym Eirwyn Eirug

Davies, Henry Kenneth Davies, Howard Isaac Davies, Huw Tudwal Davies, Jean Helen Davies, John Davies, John Alun

Davies, John David Wyn, B.A. Davies, John Emyr Eirug Davies, John Morgan, B.A. \*Davies, John Raymond McIntosh \*Davies, John Sidney

Davies, Josiah

Davies, Margaret Ruth Davies, Marion Davies, Mary Eleanor \*Davies, Nancy Davies, Philip Norwood

Davies, Philip Owen Davies, Richard Gwynne

Davies, Ronald William Sefton Davies, Watkin Dennis

\*Davies, William Hugh Reynold

S. English, S. French, I. History, S. Philosophy

S. English, I. French, I. History, I. Music

I. Latin, S. English, S. History, S. Philosophy

S. English, H.1. Education

S. English, S. Economics, S. Constitutional Law, S. International Law
F. History, S. Education
I. English, S. History, S. Geography,

I. Geology

F. Economics, F. English Law

H. English, II (2) S. Economics

H.1. Economics, H.1. Geography

I. English

F. History, H.1. Economics

H.1. Economics, H.1. Geography I. History, S. Economics, S. Geography F. History, S. Constitutional Law,

H.1. Geography I. Philosophy, S. Economics

F. Geography

S. English, S. History, S. Geography, Geology

S. Welsh, I. German, S. History,

S. Geography F. History, I. Philosophy, H.1. Economics

I. History, S. Geography, I. Geology

S. Education

I. Geology

H. Economics, II (1)

S. Latin, S. English, I. German, S. French H. Philosophy, II (1)

I. History, I. Philosophy, S. Economics,

H. Geography, II (1)

H.1. Welsh, H.1. Geography

H. Geography, II (2) H.1. English, H.1. Philosophy

F. Economics, S. Constitutional Law, H.1. Geography

H.1. Philosophy, H.1. Education, F. Economics

S. English, S. Philosophy, F. Economics

H. Music, II (1) H. English, II (1)

F. Education

S. English, I. History, S. French, I. Philosophy

S. Music

I. History, S. Economics, S. Geography, I. Geology

H. Geography, II (2) I. English, I. Philosophy, S. Economics, I. Geology

H.1. Welsh, F. French

Davies, Wynne

Dawson, Geoffrey Colin Dawson, James Alston Dodd, Norman Arthur Dummer, Mostyn Howard Edmonds, Thomas Kenvyn Edmunds, John David

Edwards, Arthur Bernard Edwards, David Berian

Edwards, Gwilym Rhys Edwards, James Haydn Keri
Edwards, Joan
Edwards, John
Edwards, John Henry
Edwards, Kate Beryl Jane Lewis Edwards, William Thomas Egrot, Robert James Georges,

\*Elliott Dan, Ellis, Ruth Elizabeth

Evans, Catherine Nest Warren Evans, David Evans, David Donald Bonnell (External)

Evans, David Ellis

Evans, David Llewellyn Evans, David Meurig Evans, David Selwyn Evans, Eben

Evans, Emlyn Emmanuel

Evans, Gwilym Ceiriog \*Evans, Gwilym Wyn Evans, Gwyn Evans, Inez Pamela Evans, Joan Mary

Evans, John Gethin Evans, John Owen

Evans, John Rhystyd, B.A. Evans, Keith Picton Evans, Margaret Doughton

Evans, Margaret Eva Christine Evans, Margaret Gwendoline Evans, Margaret Gwerfyl

Evans, Margaret Terissa

Evans, Mari Davies \*Evans, Meurig

S. History, S. Economics, S. Geography, I. Geology

I. Greek, S. Latin

F. History, H.1. Geography F. English, S. French, S. Philosophy

F. History, H.1. Economics

I. English, I. Philosophy, S. Economics S. Latin, S. English, S. French,

I. Philosophy

H. Geography, III S. English, S. Welsh, S. Economics,

S. Constitutional Law H.1. English, H.1. Philosophy

F. English, S. German, S. History F. Education, F. Economics, I. Music I. English, S. French, S. Welsh History I. History, I. Philosophy, S. Economics I. English, I. History, I. Philosophy

F. History, H.1. Geography H. French, II (1) and Certificate of Oral Proficiency

H.1. Economics, F. GeographyS. English, S. Welsh, I. Philosophy,S. Welsh History

I. English, I. Philosophy F. History, H.1. Economics F. History

S. Latin, I. English, S. Welsh, S. Welsh History

F. Economics, S. Constitutional Law

F. History, H.1. Economics S. Economics, I. Geology

H. French, II (1) and Certificate of Oral Proficiency

S. English, S. History, I. Philosophy, S. Geography

H.1. Economics S. Economics, F. Geography

H. Economics, II (2)

H. Geography, II (1) S. English, I. Welsh, S. Philosophy, S. Music

S. English, S. Welsh, S. Music

S. English, S. History, I. Philosophy, S. Geography

H. Geography, II (1) F. English, H.1. Philosophy I. Latin, S. English, S. French,

S. Philosophy I. Welsh, I. German

H. Music, II (1)

S. English, S. History, S. Education, I. Art

S. English, S. History, S. Geography, I. Geology

S. English, H.1. Welsh, F. Welsh History S. Greek, H.1. Latin, H.1. Music

Evans, Muriel Bowen Evans, Norma Anita

Finch, Ronald George Fletcher, Dennis James Fowler, Colin Fowler, Derek Henry Francis, William Cedric Jestyn

Geen, Thelma Mary \*Gethin, John Davies Goble, Peter Lewis

Griffith, Edward Howell Griffiths, Gwynne

\*Griffiths, Ifor Gibbon Griffiths, John Cydwel

Griffiths, Mair Margaret Griffiths, Thomas Elwyn, B.A. \*Grove, John Curtis Grundy, John Hilton

Harding, Frank Marwood

Harding, Olive Harper, Lorna Muriel Harrhy, John Douglas Harries, Anna Elizabeth Harries, Vivian Meirion Harries, William Gerallt Harris, David Arthur Harris, Henry Morgan \*Harris, John Rhys Gibbs Harris, Melville Isaac

Harris, Ronald Henry Hayward, Hugh Haywood, Eileen Francis

Heft, Dennis Francis Hennessey, Kathleen Herriman, Elizabeth Mary Heywood, Leo James Glynne

Hilton, Roy

Hopkin, Gwyneth Mary Hopkin, Jean Francis Hopkins, Brian

Hopkins, Glyn Stanley

Howell, George Emlyn, B.A. Hudleston, Barbara \*Hughes, Arthur HubertHughes, David Morris

H. History, II (1)
I. French, S. History, S. Philosophy, S. Geography

H. German, I F. English, H.1. French H.1. History, H.1. Economics S. English, S. Philosophy

S. History, S. Economics, S. Geography, I. Geology

S. Economics, I. Geology F. History, F. Geography

I. Philosophy, S. Economics, S. Geography, I. Geology H.1. German, H.1. Geography S. Welsh, S. History, I. Philosophy,

S. Welsh History

H.1. French, H.1. German S. History, I. Zoology, S. Geography,

I. Geology
H. Welsh, II (1)
H. Economics, II (2)
F. History, H.1. Geography
I. French, I. History, I. Philosophy,

I. Geology I. English, I. French, S. German, S. Education

H. Geography, II (1) H.1. English, F. History

H. Music, I

S. Education, I. Art, F. Geography

F. Welsh H. Welsh, II (1) F. Economics

S. English, S. History, S. Philosophy F. History, S. Education, H.1. Economics

S. English, I. French, S. Geography, I. Geology

H. Geography, II (1)

S. German

S. History, S. Economics, S. Geography, I. Geology

F. History, H.1. English F. English, H.1. French, S. German

H. History, II (1) H. French, I and Certificate of Oral

Proficiency
S. English, S. French, I. German,
S. History

S. Education

H.1. History, F. Geography S. English, I. French, S. History, S. Welsh History

S. English, S. French, S. Music S. Philosophy

H. Welsh, II (1) F. History, F. Education S. English, H.1. Philosophy, H.1. Music

H.1. Philosophy, H.1. Music

Hughes, David Phillips Hughes, Edward Llewellyn

Hughes, Enid Marjorie

Hughes, Griffith Rees Hughes, James Ieuan Hughes, John Hywel

Hughes, Megan

Hughes, Thomas Jones, B.A. Hughes, Ursula Cerrie Hughes, William Alun Hughes, William Gwynfor Humphreys, Hubert Leslie Humphreys, Mary Ellen Hutton, Dorothy Mary Hyett, Roy Gordon

\*Jackson, Joseph Michael Jackson, Robert Wyn

James, Alun Thomas Ingli James, Arnold John, B.A. James, Colin Mansel James, Elizabeth Imogen

James, Evan John James, Mona James, Philip Gwynn

Jenkins, David John, Subina

Johnston, James Andrew Jonathan, Mary Joyce Jones, Arwyn Treharne

Jones, Carys Lloyd

Jones, Charles Gareth Megicks Jones, Cyril James

Jones, Daniel

Jones, David Charles, B.A.

Jones, David Howell Jones, David Morris

Jones, David Orwig

Jones, David Owen

Jones, Dorothy Eileen Gray

Jones, Dulcie Francis Jones, Edward Aneurin Jones, Eirlys Llewelyn Jones, Elinor Gwenda

Jones, Elizabeth Aldwyth

Jones, Emlyn

H.1. Philosophy

I. Philosophy, S. Economics, S. Constitutional Law

I. Latin, S. English, I. French,

I. Philosophy H.1. French, F. History

I. English, I. Philosophy

I. Philosophy, S. Economics, S. Constitutional Law

S. English, S. History, S. Geography, I. Geology

H. Geography, I H. English, I.

S. English, S. History, S. Geography

I. English, I. Welsh

H.1. Economics, H.1. Geography

H. Welsh, II (2) H. Geography, II (1) S. History, S. Economics, S. Geography, I. Geology

H.1. Economics, F. Geography

S. History, S. Economics, S. Geography,

I. Geology I. German, S. Economics, S. Geography

H. Geography, I S. English, H.1. Economics, S. History

H.1. French, H.1. Philosophy, S. Education

F. Economics, H.1. Geography S. English, S. Welsh, S. Welsh History S. History, S. Philosophy, S. Economics,

S. Constitutional Law

F. English, H.1. Geography H. French, I and Certificate of Oral

Proficiency

S. English, S. Geography, S. History I. English, S. Economics, I. Geology S. English, S. History, S. Philosophy,

S. Constitutional Law

S. English, S. Philosophy I. English, I. Welsh

F. Economics

S. Latin, S. English, S. Philosophy, S. Education

H. English, III H. English, II (1)

H.1. Welsh

F. History, H.1. Geography
I. History, S. Economics, S. Geography, I. Geology
H. History, II (2)
F. History, H.1. Geography
S. Welsh, I. History, I. Philosophy

I. Latin, I. Welsh

S. Latin, S. English, S. French
S. Latin, S. English, I. French,
I. Philosophy
S. Economics, S. Geography

\* Jones, Eric Orlando (External)

Jones, Eric Owen

Jones, Eurwyn Thomas

Jones, Glanville Rees Jeffreys, B.A.

\*Jones, Glyn Brace F. History, H.1. Geography Jones, Granville Rowland Benjamin H. Geography, II (1) Jones, Haydn Davies, B.A. H. History, II (1)

Jones, Hugh Berwyn Jones, Ieuan Evans, B.A.

Jones, Ifan Aled

Jones, James Hywel Jones, John David Eirfyl Jones, John Donald

Jones, John Edward

Jones, John Gordon

Jones, John Hubert Jones, John Owen

Jones, John Russell Jones, Kenneth

Jones, Kenneth Mansel Jenkins Jones, Lewis Carter

Jones, Louisa Jones, Mair Eluned

Jones, Margaret

Jones, Megan Vaughan

Jones, Merlin, B.A. Jones, Muriel Gladys Jones, Nia Wyn

Jones, Olwen Mair Jones, Pauline Aluna

Jones, Peter Ellis

Jones, Rhys Mostyn Jenkins

Jones, Ronald

Jones, Thomas Charles David Bernard Basil, B.A.

Jones, Thomas Edward Ellis Jones, Thomas Griffiths Jones, Thomas Gwynn Jones, Thomas Howell

Jones, Wilfred

Jones, William John Jones, William John Joynson, Patricia Mary

Kelly, David William

Laux, John Augustus Leach, David Arthur Lemon, Gerald Graham

Levy, Lotte Lene

F. English

I. Welsh, I. Philosophy, I. Geology

S. Education

H. Geography, I

I. History, I. Philosophy, I. Art, I. Music

H. Geography, I

H. Geography, II (2) F. Welsh, F. Philosophy I. Greek, S. Philosophy

S. History, I. Philosophy, S. Economics S. Greek, S. Latin, S. Philosophy

I. History, S. Economics, S. Geography, I. Geology

F. History, H.1. Geography

S. Welsh, S. Philosophy, H.1. Economics

S. Education

H. Geography, III

H. History, II (1)
S. English, H.1. Economics, S. Geography
I. German, F. Education, F. Music
S. English, S. French, S. German,

S. Philosophy

H. Welsh, I S. English, I. French, I. Philosophy,

S. Music H. Geography, II (1)

S. German, I. Philosophy, F. Economics

H. Economics, II (1)

H. Welsh, II (1) S. History, S. Economics, S. Geography, Geology

F. History, H.1. Geography

S. German, S. History, S. Geography

F. French, H.1. Economics, H.1. Geography

F. Geography

F. English, S. Welsh History I. English, I. Welsh, S. Economics H.1. Welsh, H.1. Philosophy

S. Welsh

S. Welsh, S. Philosophy, S. Education H. Economics, II (1)

S. Welsh, I. Philosophy

S. English, S. History, I. Art,

S. Education

S. English, I. German, S. History, S. Ğeography

F. History, H.1. Economics, I. Ceology

H.1. Economics

S. Economics, S. Geography, S. Geology I. Latin, I. French, S. German,

Philosophy

\*Lewis, David Hugh Isaac (External)

Lewis, David John

Lewis, Edwin Roy Morgan

Lewis, Evan

Lewis, John Robert Jones

Lewis, Thomas Cullum (External) Lewis, Yvette Mona Richards Ley, Sheila Maureen Llewelyn, Elizabeth Evans Llewelyn, John Edward

Lloyd, Dewi Maelor Lloyd, William Bleddyn Lockstone, Graham Lunn, Rupert Frank, B.A. Mackintosh, Peter Maddocks, Gwendoline Mary \*Maguire, Edward John Mainwaring, Dorothy Elizabeth Male, Muriel Patricia Marsh, Keith Haldane Mason, Dorothy Joyce Mason, Haydn Trevor Matthews, Selwyn Meader, Kenneth Vincent Meads, Dorothy Meats, Dorothy Joan

Middleton, Arthur

Miles, Geoffrey Sidney Millington, John Edward

Morgan, Eric Davies

Morgan, Goronwy

Morgan, Rhiannon Hopkin Morris, Amy Elizabeth Morris, David Leslie Morris, Ella

\*Morris, Eric Morris, Joan \*Morris, John Gwynfryn Morrissey, David Christopher Michael

Mulley, Patrick Clive Myall, Daryl

Myers, Marion Joyce

F. French

I. English, I. History, S. Philosophy S. Economics

S. English, I. Welsh, S. History, S. Philosophy

I. English, I. German, I. Philosophy, I. Art

H. History, II (2) I. English, I. French, S. Constitutional

F. Philosophy

F. Latin, F. French, I. Philosophy S. History, S. Geography, I. Geology I. English, S. History, S. Geography H. French, II (2) and Certificate of Oral

Proficiency S. Welsh, I. Philosophy, S. Welsh History

H.1. Economics, F. English Law

F. Economics

H. German, II (1)
S. German, S. Economics
H. English, II (1)
F. History, H.1. Geography

F. English, H.1. History, I. Philosophy F. English, H.1. History, S. Music

I. French

F. History, H.1. Geography F. English, H.1. French

H. Geography, II (2) H.1. French, F. German

F. History, I. Philosophy, S. Economics. S. History, S. Economics, S. Geography,

I. Geology I. French, S. Economics, S. Geography, S. Geology

S. History, H.1. Economics, S. Geography I. English, S. History, S. Education, S. Welsh History

S. History, S. Economics, S. Geography, I. Geology

S. Welsh, I. Philosophy, S. Education, S. Welsh History H.1. Welsh H.1. Geography

F. Latin, F. English, S. Education S. Latin, I. English, S. Welsh,

S. Welsh History

F. History, H.1. Economics, H.1. Music, S. English, S. Philosophy, S. Music F. English, H.1. Geography I. German, S. History, S. Economics,

S. Constitutional Law

H.1. French, F. History

S. History, S. Philosophy, S. Economics,

S. Geography S. Latin, S. English, S. French, F. Education

\*Nevin, Edward Thomas Newman, John Anthony, B.A. Nicholson, Hilary Margaret

Noakes, George Oakley, Howell O'Brien, Dilys Belinda Ormond, Denise Ann Rumsey

Owen, John Glyn, B.A. Owen, Marion Owen, Mary Wynn Owen, Meurig Wynn Owen, Trefor Meredith Palmer, Barbara Muriel (External) \*Parry, Leonard

Parry, Valerie \*Peters, Thomas Warren Phillips, Beti Bowen

Phillips, Dorothea Melisande Elizabeth Gwenllian Phillips, Joan Rowlands

Phillips, Olive

Poole, Charles Keith Poole, Edna Margaret

Preece, Mary \*Price, David Hugh Price, David Ivor Price, David Philip

Price, Rachel Eira

Price, Robert Clive Pritchard, Cyril Lawson Pritchard, Gwen Prothero, Joseph Humphrey Pudner, Basil Pugh, Anwen Rees

Pugh, David Pugh, David Rosslyn Powell Pugh, Dorothy Kathleen

Pugh, Iris May Ransome-Kuti, Oludolupo Ayodeji S. Constitutional Law Olugbeminiyi

Rees, Alan

Rees, Gwilym John Mitchell, B.A. Rees, John Austin Rees, John Ivor Rees, John Lawrence Hubert

Rees, David John, B.A.

S. English F. English, H.1. French

H.1. Economics, F. English Law

S. English, I. French, S. History, I. Philosophy

F. Pure Mathematics, F. Applied

H. History, II (1) H. Music, II (2)

H. Music, II (1)

Mathematics H. Philosophy, II (2)

F. English, H.1. French F. English, H.1. Philosophy H.1. Economics, H.1. Geography

F. French S. Education, F. Economics,

F. Geography S. History, S. Economics

F. English, H.1. Philosophy I. English, S. Welsh, I. Philosophy, S. Economics

F. French, F. Philosophy, I. Music, S. Education F. Philosophy, S. Education,

S. Constitutional Law S. Latin, S. English, S. Welsh,

I. Philosophy F. French, H.1. German S. History, S. Economics, S. Constitutional Law

S. English, I. Philosophy, S. Economics

H.1. History, F. English Law H. Economics, II (2)

I. English, I. German, I. Philosophy, I. Geology

S. English, S. Welsh, I. History, I. Philosophy

S. English, S. French, S. Geography I. English, S. History, S. Philosophy

S. German, S. Philosophy F. History, S. Economics, H.1. Geography

F. German S. English, I. History, I. Philosophy, S. Education

F. History, F. Philosophy

I. French

S. English, S. French, I. German, I. Philosophy

S. Economics, S. Geography

I. French, S. History, S. Economics, S. Welsh History

H.1. Greek, H. Latin, II (2)

H. History, II (1) S. English, S. History, H.1. Economics I. History, I. Philosophy, S. Economics

S. Economics, S. Geography, I. Geology

Rees, John Roderick

Rees, Owena Rees, William George Rees, William Stanley

Rees, William Trevor Richard, Mai Richards, Dorothy Margaret

Richards, Eirwen

Richards, Elizabeth Georgina Richards, Mary Gwendoline

Richmond, James Peter Roberts, Alun

Roberts, Eluned (External) Roberts, Joan Eryl Roberts, Mair Eluned Roberts, Rachel Roberts, Robert Glyn Roberts, Thomas Dennis

Roberts, Winifred June Robinson, Helen Robinson, Kathleen Mabel Roblin, Hugh Stephens Robottom, William Stuart Rossiter, Jean Keys Round, Malcolm Roy Terence Roylance, Leslie Rush, Olwen Evans (External) Ryan, Gladys Miriam Sanders, Marguerite Beryl Shaw, Arthur Terence

\*Sherwood, Robyn Lansdown Short, Sydney John

Simmonds, Kendal Gordon Simpson, Rhiannon Haf Sluman, Thomas Royston Smith, Albert James

Smith, William David Spanjer, Derek Bernard Stevens, Margaret Rosina Ann, B.A.

Stone, Alan Graham

Stone, John Keith Stone, Peter, B.A. Sulston, Linda Dorothy Addie Sunderland, Eric

Tarbuck, John Arthur

I. English, I. Welsh, I. History,

S. Economics S. Welsh, I. Philosophy, S. Welsh History

H. English, I I. German, S. Philosophy, S. Economics,

S. Geography

S. Economics, S. Geography F. Education, H. Music, II (1)

I. English, S. Welsh, I. Philosophy, S. Music

I. English, I. Philosophy, S. Constitutional Law, F. Geography

F. English, H.1. History

S. Latin, S. French, S. Pure Mathematics, I. Applied Mathematics

H.1. Philosophy

I. French, S. Economics, S. Music, S. Geography

F. French F. English, H.1. History

H.1. English, H.1. Economics F. English, S. Economics

H. Economics, II (2)

I. English, S. History, S. Economics, S. Constitutional Law

I. Philosophy

I. English, I. Welsh, I. Music

I. French, S. German H. Geography, II (1) S. Education, I. Art

I. Philosophy

H.1. German, S. Philosophy, S. Education

H. German, I F. Philosophy

H. German, II (2)

S. Geography, I. Geology I. English, I. History, I. Philosophy, S. Economics

F. Economics, H.1. Geography

S. History, S. Economics, S. Constitutional Law

I. Philosophy, F. Geography S. History

H.1. Geography

I. English, I. History, I. Philosophy, I. Music

F. History

H.1. Economics, F. English Law

H. Geography, I

F. English, H.1. Economics, S. International Law

S. French

F. English, S. Education, S. Philosophy F. English, F. Education

S. History, S. Economics, S. Geography, I. Geology

S. English, S. French

Theophilus, Timothy Thomas, David Arwyn Thomas, Elizabeth Mary

Thomas, Elwyn Rhys Thomas, Emily Margaret Thomas, Frank

Thomas, Gerald Bowen

Thomas, Gillian Yvonne Thomas, Gwynfor Llefelys Thomas, Henry Austin Thomas, Henry Delvine, B.A. Thomas, Josephine Parry Thomas, Mair Lloyd Thomas, Margaret Geraldine

Probert Thomas, Muriel Michaela Anne Austin

Thornton, John Timothy, Mydrim Lewis Tingle, Mary Honora, B.A. Treharne, Ieuan Gwyn Trimm, Eira Mary Tucker, Charles James Morton \*Vaughan, Islwyn Vaughan, Leslie Royston

Walker, Ronald Francis Watson, Beryl Webb, Bridget Lyle Webber, Hilary Mary (External) Werrett, Kenneth John Whittaker, Wendy May Wilkins, Cyril Dennis Williams, Alun Rhys Williams, Brinley Williams, Daniel Emrys

Williams, Derek \*Williams, Dewi Goronwy

Williams, Elizabeth Muriel \*Williams, Elvet Gwyn Williams, Gareth Philip

Williams, Gertrude Claudia Williams, Gwyn Alfred

Williams, Haydn Moore
Williams, Haydn Murray Williams, Irfon Rhys, B.A. Williams, Islwyn

Williams, Jean Margaret Williams, Lettice Sheila

Williams, Margaret Beryl

F. Geography S. English, S. French, I. German H. French, II (2) and Certificate of Oral Proficiency

H. Economics, II (2) H. Welsh, II (1) H. Latin, I

I. History, I. Philosophy, S. Economics, S. Geography

S. English, S. History, S. Welsh History F. History, S. Economics, S. Geography H.1. Latin, S. Philosophy

H. Economics, II (1) H. Geography, II (1) F. English, F. German

S. English, F. History, S. Geography

F. English, S. Education, F. English Law

H. German, I H.1. Geography

H. Education, II (2)
H.1. History, I. Philosophy
F. English, S. Economics, F. Geography
I. Philosophy, S. Economics
F. History, F. Economics
S. History, S. Economics, S. Geography,
I. Geography,
I. Geography, Geology

H. History, I

H.1. History H.1. English, F. History, I. Philosophy

H.1. French I. English, I. Philosophy H. Economics, II (2)
I. French, I. Music, I. Geology

F. English, H.1. Geography H. History, II (1) H.1. Welsh, S. Geography, S. Welsh

History

H. Geography, II (1) H.1. Philosophy, H.1. Economics,

S. Constitutional Law

F. English, F. Geography F. English, S. Philosophy I. French, S. History, S. Economics, S. Welsh History

F. English, F. History

S. French, S. History, S. Economics, S. Welsh History

H. English, I.

H. Geography, II (1) H. Welsh, II (2) F. Economics

F. English, I. Philosophy I. French, I. Philosophy,

S. Welsh History
I. English, F. History, S. Economics, S. Geography

Williams, Molly Jean Williams, Morfudd Williams, Nesta Margaret Williams, Neville Murray Williams, Owen, B.A. Williams, Owen Williams, Richard Jenkin Williams, Roger Arthur

Williams-Jones, William Keith Wilson, Mair Annette Wood, Freda Megan

Wood, Peter Dēnis Wright, Audrey Emina Wright, Harold Edward, B.A.

Wynn, John Barrie Yarr, David Thomas Young, Lorna Rosemary I. Welsh, S. Geography, I. Geology

H. German, I

F. English, H.1. German, I. Philosophy H. History, II (1)

H. Geography, II (1) S. History, S. Economics

S. Economics

F. History, H.1. Economics, S. Constitutional Law

I. French, S. Constitutional LawF. History, F. GeographyI. Greek, S. Latin, S. French,

S. Philosophy

H. Geography, II. English, S. Geography, I. GeologyH. French, II (1) and Certificate of Oral Proficiency

H.1. English, F. French F. English, F. History

I. French, I. History, I. Geology

The following students also graduated in 1947-48, having qualified for their degrees in the years stated:\*Humphreys, Emyr Owen

\*James, Douglas Gordon
\*Joslin. James Desti \*Joslin, James Rudkin \*Kear, George Osmond

Mullins, Arthur Frederick Tames \*Nicholas, William Ronald 1939 1941

1941 1946

H. Economics, II (2)—1938 1942

#### Faculty of Science

Aldridge, Anthony John Anthony, Gwyneth Axson, Michael Baker, Pamela Louise Bassett, Douglas Anthony Bethell, John Pennington Bicknell, Kathleen Joyce Billington, Arthur William

Bonugli, Mary Alice Brennan, John Gerald, B.Sc. Bryant, Collis James Daniel Buck, Muriel Buxton, Joan Turner Capel, Barbara Jean Cartwright, John Francis Charles, William Irwyn John

Clayton, Brena Cook, Graham Cooke, Ronald James Crewe, Olive Jean Crook, William Charles David, B.Sc.

Cross Edward Trevor

I. Chemistry, I. Zoology, I. Botany S. Zoology, S. Geography, S. Botany

S. Pure Mathematics, F. Physics

S. Zoology, S. Botany

H. Geology, I I. Pure Mathematics, I. Geology H. Geography, III

I. Pure Mathematics, I. Applied Mathematics, I. Physics

S. Chemistry, F. Zoology, F. Botany H. Applied Mathematics, I.

F. Physics, H.1. Chemistry
H. Geography, II (1)
S. Zoology, S. Botany, I. Philosophy
F. Zoology, H.1. Botany
F. Physics, H.1. Chemistry

S. Pure Mathematics, I. Physics S. Applied Mathematics

S. Zoology, S. Geography, S. Botany

S. Economics, S. Geology

H. Physics, I

H.1. Zoology, H.1. Botany

H. Geography, II (2)

S. Pure Mathematics, S. Physics, S. Chemistry

Crowther, Margaret Anne

Daniels, Irene

Davenport, Thomas Charles, B.Sc.

Davies, Albert Gruffydd Davies, David Islwyn Davies, David Maldwyn

Davies, Eleanor Ruby

Davies, James Francis Arthur, B.Sc.

Davies, John Heddwyn
Davies, John Oswell (External)
Davies, Kenneth Joseph

Davies, Margaret

Davies, Marianne, B.Sc. Davies, Mary Joyce Walters, B.Sc. Davies, Peter Bryn Sime

Davies, Rhys Glyn, B.Sc. Davies, Sheila Gwen Ryan Davies, Stephen Gethyn Davies, Trevor Benjamin, B.Sc. Davies, William Aubrey Day, Brian Philip Denney, Terrence Owen

Edwards, Desmond Lloyd Edwards, Eurwen Edwards, Olwen Eirian Edwards, Thomas John

Egerton, Jean

Ephraim, Arthur Evans, Anne Elizabeth Mary

Evans, David Daniel Evans, David George Evans, David John

Evans, David Matthew, B.Sc. Evans, Evan Selwyn John Tittley Evans, Glenis Sybil Sarah Alice,

Evans, Henry Eynon Evans, Jean Frances

Evans, Joan Margaret Cynthia, B.Sc.

Evans, John Cyril

Evans, William Price Evans, William Robert Evans, Wynn Humphreys Everett, Ann Rosemary

Fisher, Harold John

Gittins, Glenys Lydia

S. Zoology, S. Botany, S. Geology I. Chemistry, S. Zoology, S. Botany H. Physics, II (1) F. Physics, H.1. Chemistry

H. Geography, II (2) H.1. Applied Mathematics I. Zoology, S. Botany

H. Mathematics, II (1)

H. Physics, II (1)

I. Physics

F. Pure Mathematics, H.1. Physics

H. Chemistry, II (2) H. Mathematics, II (1) H. Geography, II (1)

I. Pure Mathematics, I. Physics,

S. Chemistry H. Chemistry, III

F. Botany H. Economics, I H. Zoology, II (2) I. Pure Mathematics

S. Chemistry, S. Zoology, S. Botany I. Pure Mathematics, S. Physics,

S. Chemistry
S. Zoology, F. Geography H. Geography, III

H. Zoology, II (2) H. Chemistry, II (2) H.1. Pure Mathematics, H.1. Applied Mathematics

F. Pure Mathematics, H.1. Physics I. Pure Mathematics, S. Physics, S. Chemistry

H. Physics, II (1) H. Chemistry, III

H.1. Pure Mathematics, H.1. Applied Mathematics

H. Physics, II (1)

I. Pure Mathematics, I. Chemistry

H. Chemistry, III

S. Physics, S. Chemistry

H.1. Pure Mathematics, H.1. Applied Mathematics.

S. Education, F. Economics

S. Pure Mathematics, S. Physics, S. Chemistry

I. Chemistry, I. Botany

H.1. Economics, H.1. Geography

H. Physics, I.

I. Pure Mathematics, S. Physics, S. Chemistry

I. Pure Mathematics, I. Physics, I. Chemistry

S. Pure Mathematics, I. Physics, S. Chemistry

Godsall, Leonard George Goodwin, John Cecil Gravelle, Kenwyn Bertie Gray, Edward George Greville, Nancy Ray Griffiths, Aneurin Lawrence Ellis,

Griffiths, David Morgan Luther Griffiths, Huw Rhys Griffiths, Sarah Moreen .

Gwynne, Emrys-Hall, Warwick \*Hallam, Harry Evans Harries, Cyril Harries, Rachel Margaret Harry, David Eric Harry, Ruth Elizabeth

Hatton, Aynsley Haynes, John Roland Hill, Donald Richard Jones

Howells, William Roscoe Hughes, Iorwerth Gwyn \*Hughes, Robert Ivor Ingram, Meredydd ap Owain Isaac, Raymond Arthur James, Beti Wyn

James, Dennis Bryan James, John Francis

James, Thomas Arthur Lynn Jenkins, David, B.Sc. Jewell, Edith Mary, John, Sylvia Mary John, Thomas Urias, B.Sc. Jones, Arvon Wynne Jones, Charles Eurwyn Jones, David Brinley Clay Jones, David Ieuan

Jones, Douglas Wynn Jones, Eirlys Jones, Elgar Jones, Enid May Jones, Gareth Hubert Stanley

Jones, Glenys Wynne Jones, Gwen Catherine Jones, Handel William Hugh Jones, Ivor Joseph Jones, John Bellis

Jones, Marie Fursman Jones, Mary Lilian Elizabeth F. Pure Mathematics, H.1. Geography H. Mathematics, II (1) F. Pure Mathematics, H.1. Botany F. Pure Mathematics, H.1. Physics I. Chemistry, I. Zoology, I. Botany S. Botany, S. Zoology, S. Chemistry H. Zoology, I

F. Physics, H.1. Chemistry F. Geography, F. Geology I. Pure Mathematics, I. Applied Mathematics

H. Chemistry, II (1) I. Chemistry, I. Zoology, I. Botany F. Physics, H.1. Chemistry

F. Physics S. Zoology, S. Geography, S. Botany H. Geography, II (2)

S. Pure Mathematics, S. Physics, S. Applied Mathematics

I. Physics, S. Chemistry, S. Geology S. Geography, S. Botany, I. Geology S. Pure Mathematics, S. Physics,

S. Chemistry H.1. Zoology, H.1. Botany S. Geography, S. Geology F. Physics, H.1. Chemistry H.1. Economics, S. Chemistry S. Economics, S. Geology

S. Pure Mathematics, S. Geography, I. Geology

H. Physics, I S. Pure Mathematics, S. Physics, S. Applied Mathematics

F. Pure Mathematics, H.1. Geography H. Geography, I

H.1. Economics, H.1. Geography
I. Chemistry, I. Zoology, I. Botany
H. Geology, II (1)
F. Physics, H.1. Chemistry

S. Economics, H.1. Geography S. Economics, S. Botany

S. Pure Mathematics, S. Physics, S. Applied Mathematics

S. Physics, H.1. Chemistry H. Botany, II (1)

H.1. Economics, H.1. Geology F. Geography, F. Geology

I. Pure Mathematics, I. Physics, I. Chemistry

H.1. Zoology, F. Botany I. Zoology, I. Botany H. Chemistry, II (1) H. Chemistry, III

S. Pure Mathematics, S. Physics, S. Applied Mathematics

H.1. Chemistry H. Geography, II (2)

Jones, Mary Magdalen Jones, Monica Hope Jones, Myrfin, B.Sc. Jones, Pamela Elizabeth Jones, Simeon
Jones, Thomas Brychan
Jones, Trevor
Jones, Vera Elizabeth Jordan, Graham William

King-Davies, Alun Trefor, B.Sc. Knowles, Maurice Frank Knoyle, Jean Mary Hinton Laker, William Eric Lane, Gwynneth Margaret Lane, Patrick Lawson, Betty, B.Sc. Lea, Peter

#### Leech, Donald John

Lewis, Geinor Bevan Lewis, John Robert Lewis, John Tudor Lewis, Owen Llewellyn

Lewis, Rosamond Mary Littledyke, Moreen Llewellyn, Catherine Davies Lloyd, Margaret Hannah

Long, Ernest John Gregory Luton, Jean Maddox, Michael Mortimer

Marsh, Hettie Middleton, William Haydn Morgan, Arthur Rowland Morgan, Catherine Lorraine Morgan, Charles Lewis Morgan, Dannie James

Morgan, Dyfrig Gruffydd Morgan, William Vivian, B.Sc. Morris, David Alwyn Morris, Dorothy Margaret, B.Sc. Morris, Islwyn Jarman Morris, John Morris, Mona Alison Morris, Robert Nancollas, George Harvey O'Connor, Daniel John Ogden, John

Owen, Helen Olive Lloyd Owen, Hugh Granville

Owen, Joan Hazel

H.1. Zoology, H.1. Botany S. Geography, H.1. Botany H.1. Physics

I. Physics, S. Chemistry

F. Geology S. Botany F. Physics

I. Chemistry, S. Zoology, S. Botany I. Pure Mathematics, S. Physics

S. Chemistry H. Geography, II (2)

I. Botany

H. Botany, II (1)

H.1. Physics

S. Economics, H.1. Zoology

H. Economics, I H. Physics, II (1)

I. Pure Mathematics, I. Applied Mathematics

S. Pure Mathematics, S. Physics, S. Applied Mathematics

S. Zoology, S. Geography, S. Botany F. Zoology, H.1. Botany F. Physics, H.1. Chemistry

I. Pure Mathematics, S. Geography,

S. Geology F. Chemistry, F. Botany

H. Botany, II (2) I. Zoology, S. Geography, I. Botany Pure Mathematics, S. Physics, S. Chemistry

S. Economics, S. Geography, I. Geology H.1. Zoology, H.1. Botany

S. Pure Mathematics, S. Physics, S. Applied Mathematics

H. Geology, II (1)

S. Economics, S. Geology F. Physics, F. Chemistry F. Zoology, H.1. Botany H.1. Geography, H.1. Geology

I. Pure Mathematics, I. Physics, I. Applied Mathematics H. Botany, I

H. Physics, II (1)

S. Pure Mathematics, F. Physics

H. Botany, II (1) S. Physics, F. Chemistry

H.1. Physics

S. Zoology

I. Applied Mathematics H. Chemistry, I

H.1. Physics

I. Pure Mathematics, I. Physics, I. Applied Mathematics

I. Pure Mathematics, I. Zoology S. Pure Mathematics, S. Physics, S. Applied Mathematics

F. Economics, S. Zoology, F. Geography

Paris, Brenda Muriel Miriam \*Parry, David Afan Parry, Edward Arthur Parry, Robert Gwyndaf Parry-Williams, Henry Wyn

Perry, Muriel Mary Phillips, Glyn Phillips, Myrddin Lewis Phillips, William John Pickton, Graham Gordon Picton, William John Piper, Harry Pope, Brian Woodyatt Powell, William George Price, Neville James

Pritchard, Gwynfryn Ellis Pritchard, John Leslie Railton Prosser, Emrys Rupert Desmond Pugh, Geoffrey John Frederick Pugh Jones, Gwyneth Rawlins, Cuthbert Kenneth, B.Sc. Rees, Janet Elizabeth

Rees, Norman John Morgan

Richards, Elizabeth Richards, William John Breese

Roberts, Hywel Roberts, Marion Iola Roberts, Paul Harry

Roberts, William Elwyn Robinson, Isaac Charles Harold Robinson, Joyce Robinson, Ralph John Rogers, Anna Rogers, Francon Rogers, Peter Oliver Rowlands, Morfudd Elizabeth Rudall, Brian Howard

Ryall, Hazel May Samuel, Eric Griffith Scott, Richard Samuel Lawford Shickle, Kenneth Ronald

Silburn, Robert John Stevenson, Anne Marshall

Stockting, John

Sweetman, Jocelyn Mary Thomas, Alun Thomas, Alun James

H. Botany, II (1) F. Zoology, F. Botany H.1. Economics, H.1. Geography

F. Geography I. Chemistry, I. Physics, I. Zoology I. Botany

H. Botany, II (2) S. Applied Mathematics

S. Zoology

S. Geography, S. Geology

H. Geology, II (2) S. Economics, S. Chemistry, S. Geology

H. Geology, II (1) H. Geography, II (2) Recommended for Pass Degree

I. Pure Mathematics, S. Physics, S. Geology

S. Physics, S. Applied Mathematics

S. Physics, S. Chemistry

F. Geography

I. Chemistry, I. Botany, I. Geology
I. Zoology, S. Geography, S. Botany
H. Zoology, I
S. Pure Mathematics, I. Zoology,

S. Botany

S. Pure Mathematics, S. Physics, S. Applied Mathematics

S. Chemistry, S. Geography, S. Geology S. Pure Mathematics, H.1. Physics,

H.1. Chemistry

S. Zoology, S. Botany, S. Geology H. Geology, I H.1. Pure Mathematics, H.1. Applied

Mathematics

H. Mathematics, II (1) F. Physics, H.1. Chemistry

S. Zoology, S. Botany, I. Geology

H.1. Zoology

S. Economics, F. Zoology, S. Geology H. Physics, II (2)

S. Pure Mathematics

S. Economics, F. Geography

H.1. Pure Mathematics, H.1. Applied Mathematics

F. Zoology, H.1. Botany

H.1. Physics

S. Zoology, S. Geography, S. Botany S. Economics, I. Pure Mathematics,

S. Geography F. Applied Mathematics

I. Pure Mathematics, I. Physics, I. Applied Mathematics

S. Pure Mathematics, S. Physics, S. Applied Mathematics

H. Mathematics, III H. Mathematics, II (2)

H. Geography, II (1)

Thomas, Gordon Noel Thomas, John Ceredig Lloyd

Thomas, John Donald Thomas, John Richard Thomas, Šinah Jane Thomas, Thomas John

Thomas, William James Orville,

Thomas, Wynford James Toy, William Thornton Treharne, Mair Elizabeth Underhill, Leslie Herbert

Upton, John Noel Walters, Gwynfryn Ward, Margaret Irene Weale, John Walter

Welch, Margaret Joy Wheeler, Iris Mary Williams, Arthur Francis Williams, Beryl Mary Williams, David Gerald, B.Sc. Williams, Ellis Howell Parry Williams, Ellis Myrddin Williams, Emrys Williams, John Emrys Williams, Ronald Williams, William Glyndwr, B.Sc. Wood, John Oswald Wycherley, Leonard George Philip Wycherley, Vernon

Yeoman, Glyndwr David

H. Physics, II (1)

I. Pure Mathematics, S. Physics, S. Chemistry

H.1. Chemistry, S. Zoology, S. Botany

H.1. Geography, F. Geology

H. Chemistry, II (1)

S. Pure Mathematics, S. Physics, S. Chemistry

H. Chemistry, I

H.1. Chemistry, S. Zoology

H.1. Economics, H.1. Geography S. Zoology, S. Botany, S. Geology S. Pure Mathematics, S. Physics,

S. Applied Mathematics H.1. Zoology, F. Botany

H. Geography, II (1) H. Geography, II (1)

S. Pure Mathematics, S. Applied Mathematics

S. Economics

S. Geography, I. Botany, S. Geology S. Economics, S. Geography, I. Geology

H. Botany, II (1)

H. Mathematics, II (2)

S. Economics, S. Geography, I. Geology S. Economics, S. Geography, S. Geology

S. Economics, S. Geography, I. Geology S. Physics, S. Chemistry F. Zoology, H.1. Botany

H. Geography, II (2) H. Physics, II (1)

S. Physics, S. Geography, I. Geology S. Pure Mathematics, S. Physics,

S. Chemistry

H.1. Chemistry, S. Zoology, S. Botany

The following students also graduated in 1947/48, having qualified for their degrees in the years stated:—

\*Benbow, John Jones 1945 \*Bowen, Ronald 1945

\*George, Thomas Emlyn 1944 H. Physics, II (1)—1947

Griffiths, Lewis John Horrell, Norman James \*Jones, Thomas Enrys Owen 1947 1944

\*Mackenzie, Donald Keith 1944 \*Rumsey, William John 1944

Williams, David William H. Physics, II (1)—1947

# Faculty of Rural Science.

Abu Shar, Ibrahim Adams, John Brian Alabaster, John Stammers Alexander, Sydney Charles, B.Sc.

Asfour, Wajeeh Rizik

I. Botany, I. Chemistry, I. Geology I. Botany, I. Chemistry, I. Zoology

F. Agriculture

H. Agriculture, II (2), S. Agricultural

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Economics

Batchelor, Jeanne Isobel

\*Betts, Eric David Cleaver

Bevan, John William Luscombe

Burch, Harold John Campbell, John Gordon Cartwright, Thomas Peter

Cash, Thomas Howard Emrys

Christopher, Kenneth George Clark, Donald Edgar Cook, John Corne, Robert Crocker, Thomas John

Cullen, Anthony Desmond

Dahat, Sadashiv Marotrao, B.Sc. (Nagpur)

Darby, Lewis Arthur

David, John Anthony Griffiths

Davies, David Richard

Davies, David Thomas, B.Sc.

Davies, David Williams Davies, Elvet Talfryn Davies, Hugh Lloyd, Davies, John Howard Davies, John Mervyn

Davies, John Trevor

Davies (nee Nangle), Mary Josephine Davies-Jones, Griffith Gwynfor Devonald, Vivian George, B.Sc. Earle, Margaret

Eccles, John Roger Edwards, David Teify

Edwards, Edward Hugh Lewis, B.Sc.

Edwards, John Delme

Edwards, Richard Sherburne

H.1. Agriculture, H.1. Economics with Agricultural Economics

F. Agriculture, S. Agricultural Botany, H.1. Chemistry with Agricultural Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Economics I. Chemistry

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany S. Agriculture, S. Agricultural Botany,

S. Botany, S. Economics S. Agricultural Botany, S. Economics

I. Botany

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

H. Economics with Agricultural Economics, II (1)

F. Agriculture

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Zoology

H. Chemistry with Agricultural Chemistry, II (1)

S. Agricultural Botany, S. Economics

I. Botany, I. Chemistry I. Botany, I. Chemistry, I. Zoology S. Agricultural Chemistry, H.1. Botany

F. Agriculture, F. Chemistry with Agricultural Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

F. Agriculture, F. Economics with

Agricultural Economics

I. Botany, I. Chemistry, I. Zoology H. Botany, II (1)

S. Agriculture, S. Agricultural Botany, S. Agricultural Economics

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

H. Agriculture, II (2), S. Agricultural Zoology

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany Eldred, William Henry

Enoch, Ivan Claude Evans, Alice Margaret Evans, David Arfon

Evans, David Cedric Prytherch Evans, Joseph Ashton

Evans, Mary Jane Theophilus Evans, William

Evans, William Gwyn Evans, William Morgan

Eyres, Robert Gordon

Fisher, George Gordon Fountain, Peter John Francis, Geoffrey Higgs

Frick, Eric Lionel Gardner, Howard Stuart (External) S. Agriculture Gardner, Sheila Ann Gale S. Agriculture

Gillham, Mary Eleanor Ginnever, Oswald Robert Godsell, Thomas Ernest, B.Sc.

Gordon-Williams, William Green, Doris Audrey

Griffiths, Alison Ruth

Griffiths, David John

Griffiths, John Geraint

Griffiths, Joseph Walter

Griffiths, Malgwyn Griffiths, Thomas William Harberd, Raymond Thomas Harris, Brian James

Higgins, Graham McLean

Hodge, Vincent John Hodges, Michael Macdonald S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

H. Agricultural Botany, II (2).

H. Agricultural Botany, II (1) S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany I. Botany, I. Chemistry, I. Zoology

S. Agricultural Botany, S. Agricultural Chemistry

S. Agricultural Chemistry

H.1. Agriculture, F. Economics with Agricultural Economics

I. Botany, I. Chemistry, I. Zoology S. Agricultural Botany, S. Agricultural Economics, S. Zoology

H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

I. Botany, I. Chemistry, I. Zoology I. Botany, I. Chemistry, I. Geology F. Agriculture, H.1. Chemistry with

Agricultural Chemistry

F. Agriculture

S. Agriculture, S. Botany, S. Economics F. Zoology including Agricultural Zoology

F. Agriculture, H.1. Botany F. Agriculture, H.1. Economics H. Economics with Agricultural Economics, II (1)

S. Agricultural Botany, I. Chemistry S. Agricultural Economics, F. Zoology including Agricultural Zoology
F. Agriculture, S. Agricultural Chemistry,

H.1. Zoology including Agricultural Zoology

F. Agriculture, S. Agricultural Botany, H.1. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

I. Botany, I. Chemistry
I. Botany, I. Chemistry, I. Physics S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

F. Agriculture, S. Agricultural Botany H. 1. Chemistry with Agricultural Chemistry

I. Botany, I. Chemistry, I. Zoology S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Economics

Holden, John Herbert William

Holmes, Thomas David, B.Sc. Hopkin, David Elias Llewelyn

Hopwood, Lewis Granville

Hughes, Robert Bryan

Hunnam, Douglas, B.Sc. Imhof, John Arthur

James, Marion Elizabeth, B.Sc. James, Phyllis Mary, B.Sc.

Jenkins, David Joseph Wynne

Jennings, Derek Leonard Jennings, Muriel Winifred

John, David Iorwerth Jones, David John Clayton

Jones, David John Harries Jones, Edryd

Jones, Edward Evans

Jones, Griffith Stanley

Jones, Noel Rees

Jones, William David Gwynn

\*Joseph, Gwilym Morgan

Kowal, Jan Marion Leopold (External) Lanham, Lionel John

Lazenby, Alec Lewis, David John

Lewis, Elizabeth (External) Lewis, Geoffrey Roger

Lloyd, David Hanbury

Lloyd, John Hywel James

Lye, Albert John Bernard Maddox, John Mortimer

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

H. Agricultural Botany, II (1)

S. Agriculture, S. Agricultural Botany,
S. Agricultural Chemistry, S. Botany
S. Agriculture, S. Agricultural Botany,

S. Botany

H. Chemistry with Agricultural Chemistry, II (1)

H. Agricultural Botany, II (1)

F. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

H. Agricultural Botany, II (1)

H. Zoology including Agricultural Zoology, II (1)

H.1. Agriculture, F. Economics with Agricultural Economics

F. Agriculture, S. Agricultural Chemistry. S. Agriculture, S. Agricultural Botany,

S. Botany

F. Agriculture, S. Botany

S. Agriculture, S. Agricultural Chemistry,
I. Botany, S. Chemistry

I. Chemistry

S. Agriculture, S. Agricultural Chemistry, S. Chemistry

S. Agricultura, S. Agricultural Botany, S. Agricultural Chemistry,

S. Chemistry

H.1. Agriculture, S. Agricultural Botany, S. Economics

F. Agriculture, S. Agricultural Botany, H.1. Chemistry with Agricultural Chemistry

F. Agriculture, S. Agricultural Botany, S. Economics

H.1. Agriculture, S. Agricultural Zoology,H.1. Economics with Agricultural Economics

F. Agriculture

I. Botany, I. Chemistry, I. Zoology H.1. Botany, S. Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Economics, S. Botany F. Agriculture

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Botany, F. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

I. Botany, I. Chemistry, I. Zoology H.1. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

Marks, Gwynfryn Ellis Martin, Grenville Stevens Mason, Edith Christine

Maybury, Ronald Barrett

Misra, Brundaban, B.Sc.

Morgan, Dennis Edwin

Morgan, John Glyndwr Morgan, Keith Edgar

Morgan, Thomas Bryan

Morgan, Timothy Richard

Morris, David Barrie Morten, John Harold

Mortimer, Raymond Gilbert Nwankolo, William Enebanmo O'Brien, Colin Ockey, Charles Herbert Oldaker, Kathleen Margaret

Owen, Benjamin David Rinaldo

Pegler, Roger Arthur Desmond Philpin, William Canton

Pinner, Robert Hans (External) Plant, Marion Sheila Corris

Platt, Glyn George Powell, Morgan Tudor Thomas Price, Walter James Evans Pryor, Nigel John (External) Rains, Anthony Blair

Rawson, John Edwy

Rees, David Victor Herbert Rees, Hubert

Rees, John Elias

Rees, John Ifor Havard

Rees, William Ronald, B.Sc.

Roberts, Alun

H. Agricultural Botany, I

I. Botany, I. Chemistry

S. Agriculture, S. Agricultural Botany, S. Agricultural Economics, S. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry,

S. Chemistry

H. Economics with Agricultural Economics, III

F. Agriculture, H.1. Chemistry with Agricultural Chemistry

I. Botany, I. Chemistry, I. Zoology F. Economics with Agricultural

Economics

F. Agriculture, H.1. Chemistry with Agricultural Chemistry

S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

I. Botany, I. Chemistry, I. Geology F. Agriculture, H.1. Economics with

Agricultural Economics I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry, I. Zoology

I. Chemistry, S. Economics I. Botany, I. Chemistry, I. Geology

S. Agricultural Chemistry, S. Agricultural **Economics** 

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

I. Botany, I. Chemistry, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Chemistry

F. Agriculture

F. Agriculture, H.1. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Chemistry F. Agriculture, S. Agricultural Chemistry

I. Botany, I. Chemistry, I. Geology

S. Agriculture

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Botany

F. Agriculture, S. Agricultural Chemistry, H.1. Economics with Agricultural Economics

S. Agricultural Chemistry, F. Botany S. Agriculture, S. Agricultural Botany,

S. Agricultural Chemistry, S. Botany

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Economics

F. Agriculture, S. Agricultural Chemistry, F. Botany with Agricultural Botany

H. Chemistry with Agricultural Chemistry, I

S. Agriculture, S. Agricultural Botany, S. Agricultural Economics

Robinson, Winifred

Rock, John Denys

Roskell, Eric Clark Rowlands, Hazel Elizabeth Sadd, Joseph Edward William Scott, Philip

Shende, Rambahoo Motivam, B.Sc.

Simpson, Christopher John Harry, B.Sc.

(Nagpur)

Smith, Bernard Stuart Wheway

Smitham, Robert John Souter, Stanley Roberts Southam, Kathleen Sheila

Spencer, Douglas Malcolm Sullivan, Gordon David Sweeney, Aubrey Edward St. John Taylor, Douglas John

Theophilus, Thomas William
Donald
Thomas, Alan Morse
Thomas, Einydd

Thomas, Einydd
Thomas, Frederick John
Thomas, William David Bryn
(External)
Tombs, Richard Harry

Walker, Frances Rosemary Walters, Martha Eleanor

Waterson, Herbert Anthony, B.Sc.

Wightmore, Eric

Williams, Albert James Sayce

Williams, Evan Lewis

Williams, Huw Llywelyn

Williams, Iorwerth Ellis Williams, James Brynley

Williams, John Hugh

Williams, John Vivian Williams, Thomas Granville Williams, Thomas Rees

Wilson, Geoffrey Maynard Witts, Kenneth John S. Agriculture, S. Agricultural Chemistry, H.1. Botany

F. Agriculture, S. Agricultural Chemistry, S. Zoology

I. Chemistry

S. Agricultural Economics...

H. Botany, II (2), S. Agriculture F. Agriculture

H. Zoology including Agricultural Zoology, II (2)

S. Agriculture, S. Agricultural Chemistry, I. Botany, S. Chemistry.

F. Agriculture, S. Agricultural Botany I. Botany, I. Chemistry, I. Zoology

F. Agriculture, S. Agricultural Chemistry, H.1. Botany

F. Botany, S. Agricultural Economics

H. Agricultural Botany, II (1)

I. Botany, I. Zoology

S. Agriculture, S. Agricultural Botany, S. Agricultural Chemistry, S. Zoology

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Chemistry H.1. Agriculture I. Botany, I. Zoology S. Economics

S. Agricultural Botany, S. Agricultural Economics, S. Zoology

I. Botany, I. Chemistry, I. Zoology F. Agriculture, H.1. Economics with Agricultural Economics

H. Agriculture, II (1), S. Agricultural Zoology

F. Botany with Agricultural Botany, H.1. Economics with Agricultural Economics

S. Agriculture, S. Agricultural Chemistry, S. Botany, S. Chemistry

F. Agriculture, H.1. Economics with Agricultural Economics

F. Agriculture, F. Botany with Agricultural Botany

I. Botany, I. Chemistry, I. Zoology H.1. Economics with Agricultural Economics

I. Botany, I. Chemistry, I. Zoology

I. Botany, I. Zoology

F. Agriculture, F. Botany S. Agricultural Botany, S. Agricultural

Chemistry, S. Chemistry S. Agricultural Botany

I. Botany, I. Chemistry, I. Zoology

Wood, Donald Holder

Woodgate, William Lewis

S. Agriculture, S. Agricultural Botany, S. Agricultural Economics, S. Zoology I. Botany, I. Geology

The following student also graduated in 1947/48, having qualified for his ·degree in the year stated :-

\*Wade, David William Howard-1944

#### Faculty of Law

Bevan, Hugh Keith

\*Bowen, William Armistice

Bowen-Davies, Henry Lewis Harries

Davies, David Levric Davies, Elwyn

Davies, Eryl Lynn Jones Davies, Francis John Keith Davies, Geraint Ceredig Davies, Gwilym Prys

Davies, Phillip Armistice

Davies, Thomas Robert Edwards, John Meurig

\*Evans, Freda Rhys

Evans, John Owen Evans, Margaret Eleri

Evans, Roland David Wynton Evans, Thomas Emlyn Griffiths, Charis Lloyd

\*Harris, John Owen (External) Hooson, Hugh Emlyn Howells, Richard William Lawson Hughes, Helen Wheldon

Hume, Eyval Barrie

James, John Frederick Wallis

Jones, David Alun Rhagfyr Jones, David Evan Alun

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law Pt. I. Constitutional Law, Pt. I. Criminal

Law, Pt. I. International Law, Pt. I. Contract

Honours Law, II (1)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Pt. II. Roman Law Honours Law, II (2) Honours Law, II (2)

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Honours Law, II (2)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Honours Law, II (1)

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Honours Law, II (2) Honours Law, II (2)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Pt. II. Land Law Honours Law, II (2) Honours Law, II (1)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law,

Pt. I. Contract

Pt. III. Mercantile Law, Pt. III. Conveyancing, Pt. III. Jurisprudence, Pt. II. Land Law

Honours Law, II (2) Part II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Jones, Donald Roberts, LL.B. Jones, Hilary Jean

Jones, John Humphrey Jones, John Roberts

\*Jones, Leighton Griffith

Jones, Robert

Jones, William Aylwyn, B.Sc.

\*Lee, John Aelwyn

Lewis, Lewis Thomas Price

Leyshon, Graham Trevor \*Meredith, John Marshall Lloyd

Moyle, Roland Dunstan

Price, Dewi Irfon

Prichard, John Leslie, B.A. (External) \*Rees, Marianne Valentine

Richards, John (External)

Roberts, Hugh Eifion Pritchard

Sallis, Thomas Thomas, Ralph Morton

Thomas, Trefor

Watkins, John David Ramsay

Watkins, William Rutter, LL.B.

Williams, Alwyn

\*Yateman, Peter Alan Dorsett

\*Young, Thomas Frederick Green

Honours Law, II (2)

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Honours Law, II (2)

Pt. I. Criminal Law, Pt. I. International

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Pt. II. Roman Law, Pt. II. Common Law,

Pt. II. Equity, Pt. II. Land Law Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. I. Criminal Law, Pt. I. International Law

Honours Law, II (1)

Pt. II. Roman Law, Pt. II. Common Law,

Pt. II. Equity, Pt. II. Land Law Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. II. Land Law

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law, Pt. I. Contract

Honours Law, II (1)

Pt. II. Roman Law, Pt. II. Equity

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law,

Pt. I. Contract

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law,

Pt. I. Contract Pt. III. Mercantile Law,

Pt. III. Jurisprudence, Pt. III. Conveyancing

Pt. I. Constitutional Law, Pt. I. Criminal Law, Pt. I. International Law,

Pt. I. Contract \*Williams, Geoffrey Brunel Maurice Pt. II. Roman Law, Pt. II. Common Law,

Pt. II. Equity, Pt. II. Land Law Pt. II. Land Law, Pt. II. Equity

Pt. II. Roman Law, Pt. II. Common Law, Pt. II. Equity, Pt. II. Land Law

The following students also graduated in 1947/48, having qualified for their degrees in the years stated :-

\*Hughes, Ivor \*Lewis, Ivor Wyn

1945 1947

## Pass List of Candidates presented for College Examinations Only

Dairy Students

The following students have been awarded the College Certificate in (a) Dairying:-

James, John Gerwyn Moody, Rosalinde Conway Roberts, John Gwilym Thomas, David John Stephens, Roy Dennis

The following students have been awarded the College Diploma in

Dairying:

Bennett, Margaret Louise Cocks, Anne Dorothy Dix, Muriel Evans, Phillip Gall, Marion Elizabeth James, Gladys Evelyn, B.Sc. Jones, Catherine Mary

Moore, Barbara Marion Riley, Kenneth Percy, B.A. (Oxon.) Ridgeway, James Donald Roberts, Gerald Trevor Shute, Gordon Joseph Martin Thomas, Nancy Elizabeth White, Audrey Pamela Woodhall, Margaretta

Jones, Robert Griffith College Certificate in Biblical Studies

The following have qualified for the College Certificate in Biblical Studies:—

CLASS I.—Joseph Davis, B.A., Olive Powell, B.A.

CLASS II.—Phoebe G. Davis, B.A., John Harris Evans, B.A., David L. G. Jenkins, B.A. (Oxon.), Arthur L. Jones, B.A. (Lampeter), David Ronald Jones, B.A., Thomas M. Morgan, B.Sc., William L. D. Ravenhill, B.A., Anita M. Rowlands, B.A., Cyrus Glyndwr Thomas, B.A., Haydn Howell Thomas, B.A., Margaret Eirianon Thomas, B.A., David W. H. Wade, B.Sc.

#### V.—HIGHER DEGREES

Higher degrees in the University of Wales were obtained by the following past and present students or members of staff:

Degree of M.A.

Daniel Dilwyn Davies, B.A. John Hathren Davies, B.A. John Lloyd Davies, B.A. William James Frank Davies, B.A. Gwenllian Evans, B.A. Griffith Milwyn Griffiths, B.A. David Jenkins, B.A. John Cledan Mears, B.A. William Leslie Richards, B.A. David Thomas Rosser, B.A. Glanmor Williams, B.A.

Geography and Anthropology Economics and Political Science Geography and Anthropology English Economics and Political Science Welsh Welsh Philosophy  $_{
m Welsh}$ Geography and Anthropology Welsh History

Degree of M.Sc.

Harold Ivor Field, M.R.C.V.S. Herbert Jones, B.Sc. Dyfed Lewis, B.Sc. John Lewis, N.D.A., N.D.D. Robert Wynne Owen, B.Sc. David George Pryce, B.Sc. Gruffydd Quick, B.Sc.

Rowland Arthen Evans, B.Sc.

Kattemalalvadi Ramakrishna Iyer Ramachandran, M.Sc. (Mysore) Syed Wahidus Saeed, M.Sc.

(Nagpur) Watkin Williams, B.Sc.

Animal Health Animal Health Botany Animal Health Agriculture Animal Health Pure Mathematics

Geography and Anthropology

Agricultural Botany

Agricultural Botany

Agricultural Botany

Degree of Ph.D.

Ronald George Evans, M.Sc. Emrys Jones, M.Sc.

Zoology Geography and Anthropology

Peter Arthur Harris Wyatt, B.Sc. Chemistry

Degree of D.Sc.

David Dilwyn John, M.Sc.

Zoology

# VI.—EXAMINATION FOR TEACHERS' DIPLOMA AND CERTIFICATE, 1948

#### UNIVERSITY OF WALES TEACHERS' DIPLOMA

Class I

James, Robert David, B.A. Jones, Megan Llewelyn, B.Sc. Webster, John Roger, B.A. Jones, Dorothy Margaret, B.A. Turner, William Henry Keith, B.A. Williams, Geoffrey Harold, B.A.

Allen, Barbara Jean, B.A. Bracegirdle, Brian, B.A. Carpenter, Sylvia Mary, B.A. Davey; Joan Louise, B.Sc. Davies, Elizabeth, B.A. Davies, John Rhoslyn, B.A. Davies, Megan, B.A. Edwards, Clifford, B.Sc. Evans, Hilda, B.Sc. Fordham, Freda Mary, B.A. Grant, Elfryn Wynne, B.Sc. Griffiths, Margaret Violet, B.A. Harris, Eunice, B.A. Hawkins, Cynthia Elizabeth

Hawkins, Cynthia Elizabeth
Barbara, B.A.
Howells, David Lyndon, B.A.
James, Mary Gaynor, B.Sc.
Jenkins, Eleanor Mary B.Sc.
Jones, David Alwyn, B.Sc.
Jones, Lilian Mary, B.A.
Jones, William Meirion, B.Sc.
Laver, Margaret Rowe, B.A.
Lewis, Yvonne Doreen, B.A.
Lloyd, Betty, B.A.
Morgan, Edna, B.A.
Murphy, John Alexander, B.A.
Owen, Anna Elinor, B.A.
Powell, Olive, B.A.
Ravenhill, Wm. Lionel Desmond,
B.A.

Rolfe, Margaret Joan, B.A. Rumsey, William John, B.Sc. Stainforth, Anita Stewart, B.A. Thomas, David John Williams, B.Sc. Thomas, John Gareth, B.A. Thomas, Margaret Maureen, B.A. Thomas, Verona, B.Sc. Vaughan, Irene, B.Sc. Walters, Joan Mary, B.Sc.

CLASS II Baker, Beryl Crampton, B.A. Burge, Margaret Hylene, B.A. Clothier, Beryl Margaret, B.A. Davies, Aneurin, B.A. Davies, Elizabeth Ann, B.Sc. Davies, Joseph, B.A. Davis, Phoebe Gwylan, B.A. Ellis, Dewi Morudd, B.A. Evans, John Harris, B.A. George, Thomas Emlyn Griffiths, Elsie Jeanne, B.A. Gulwell, Margaret, B.A. Harris, Margaret, B.A. Hill, Bertram Ernest Evan, B.A. James, Kenneth Ian, B.A. Jenkins, David Lawrence Garfield, B.A. (Oxon.) Jones, Audrey Mary, B.A.

James, Neithelin Iall, B.A.
Jenkins, David Lawrence Garfield,
B.A. (Oxon.)
Jones, Audrey Mary, B.A.
Jones, David Ronald, B.A.
Jones, William Humphrey, B.Sc.
Lamb, Robert Thomas Brydon, B.A.
Lewis, David Gareth Price, B.Sc.
Lloyd, Barbara, B.Sc.
Lott, Marjorie Edith, B.A.
Morgan, Thomas Meirion, B.Sc.
Nicholas, William Ronald, B.A.
Pennington, Stella, B.A.
Pughe, Richard Heddwyn, B.Sc.
Reynolds, Elizabeth Susannah, B.A.
Rowlands, Anita Mary, B.A.
Snook, Hilary, B.A.

Thomas, Cyrus Glyndwr, B.A.
Thomas, Haydn Howell, B.A.
Thomas, Margaret Eirianon, B.A.
Thomas, Menna, B.Sc.
Tyrrell, Margaret Jean, B.A.

Wade, David William Howard, B.Sc. White, Joan Augustus, B.A.

#### MINISTRY OF EDUCATION TEACHERS' CERTIFICATE

The Teachers' Certificate was obtained by all the students named in the foregoing Education Diploma list and also by the following students:-

Jenkins, William David Hall, B.A. Jones, Arthur Lewis, B.A. (Lampeter) Moore, Gwenda Mary Margaret Phillips, David Leslie, B.A. (Lampeter) Rees, Gwyneira, B.A.

#### VII. DEPARTMENTAL REPORTS

#### CLASSICS

#### Professor W. H. Davies

The numbers in the Department were slightly less than last Session, thirty-seven students taking Latin and eight Greek. Throughout, the year the general level of work has been satisfactory, though several ex-service men have found the interruption in their Latin studies a great handicap and have failed to pass in Intermediate Latin. Of the two students taking Latin Honours, one was placed in Class I, the other in Class II (ii), though the latter took Final Greek as well and gained a sound pass. Four of the five Final candidates in Latin were successful, and fourteen out of seventeen at the Subsidiary level. The numbers taking Greek remain small, but every gradewas represented except Honours, where the one ex-service candidate elected to sit next year. Both Subsidiary candidates in Greek passed and three out. of four at the Intermediate stage. Mr. H. D. Emanuel, a former student in the Department, has begun an M.A. thesis on the Latin Life of Saint Cadoc.

It is very gratifying to record a keen interest in the meetings of the College Classical Society. Speakers included Sir H. Idris Bell, Professor D. J. Ll. Davies, and Professor B. Snell of Hamburg University, while Dr. M. Charlesworth, the Gregynog Lecturer, met the senior students at tea. Next Session the meetings of the College Classical Society will also serve as those of

the recently revived Aberystwyth Branch of the Classical Association.

We are sorry to lose the services of Mr. G. Bownas, who joined us in January as an Assistant Lecturer. We wish him every success during his tenure of a Fellowship at Oxford for studying Chinese.

As this is the first report I have the privilege of making on the work of the Department, I wish to record my deep appreciation of the unfailing help-

given me on many occasions by my predecessor Professor Emeritus E. D. T. Jenkins and to thank my colleagues, especially Mr. A. M. Duff, for wholehearted co-operation in the work of the Department.

#### Publications

#### Mr. A. Hudson-Williams

"Notes on the Christian Poems of Dracontius," Classical Quarterly, Vol XLI (1947), pp. 95-108.

#### ECONOMICS AND POLITICAL SCIENCE

#### Professor R. B. Forrester

Progress of Classes The number of students (239) is now believed to be the highest in the history of the Department. Drawn from the Faculties of Arts, Science and Rural Science, it includes a large proportion of ex-service men and women whose maturity serves them well in a social study of this kind.

The Subsidiary class had an enrolment of 132; it presented problems in organizing and tutoring and extra efforts had to be made by the Staff; the results have been good and there are many students who have shown taste: and aptitude for the subject.

At the Final stage 67 students took the regular courses in Economics, Statistics, and Politics while 16 took the special course in Statistics for the rural science degree. The record of this class was also very good, there being only 7 failures; the quality of the students proceeding to Honours is very

promising.

There were 21 members of the Honours Class of whom 16 went forward to the Honours degree; they were a highly competent group 3 being placed in Class I, 6 in Class II (i); 6 in Class II (ii) and one in Class III. Of these, three took Economics with Agricultural Economics. It may be observed that the resources of the Department were severely taxed in providing these students with the necessary training in the main branches of economic thought and the special subjects useful for their future.

Three post-graduate students worked in the Department during the year; two of these, Mr. Hathren Davies, B.A., and Miss Gwenllian Evans, B.A., have now been awarded the degree of M.A.; Mr. Gwyn Watkin, B.A., has now also practically completed his thesis for submission to the University.

Staff. Dr. Arthur Beacham left the staff last summer on his appointment to the Chair of Industrial Relations, the University College of South Wales; he must be warmly congratulated upon his well merited promotion to professorial rank but it can easily be understood that the loss of so able a teacher and researcher was a serious matter in so large a Department.

The grave shortage of experienced teachers of economics has been a matter of major concern and the College was fortunate in obtaining the services of Mr. Paul H. Guenault, M.A., Senior Lecturer in Economics in the Witwatersrand University, Johannesburg. He has already shown himself to be an able and mature teacher who can adapt himself admirably to our requirements. In addition the strain has been borne by a number of temporary assistant lecturers who have done good work and have been most helpful, Mr. Flynn Hughes, M.A., Mr. Hathren Davies, B.A., and Mr. E. E. Watkin, B.A. Mr. Hathren Davies has now been appointed Assistant Lecturer in Economics in the University of Sheffield, and Mr. E. E. Watkin to a Lectureship in the University of Durham.

General: (a) It is hoped to obtain increased help for next Session although that is proving difficult; there are increased funds available for the Social Sciences from the Special Committee of the University Grants Com-

mittee dealing with these subjects.

(b) The Scheme of study for the degree of B.A. with special reference to Administration has now been passed and will be in operation during the Session 1948-49. Mr. Sydney Herbert, M.A., Senior Lecturer in History, has been appointed Special Lecturer in Administration and will take charge of certain of the chief courses. Appointments will be made in due course in accountancy and other necessary subjects. The new scheme of study and the new field of research will be mainly developed in the department of Economics and Political Science and it is a very happy arrangement which allows this new plan to grow under the influence and guidance of so able and distinguished a Lecturer as Mr. Sydney Herbert who has exceptional knowledge of this field of study and who also knows the kind of posts in the public services and in business for which our graduates may be usefully prepared.

(c) The Report upon "Industries in Welsh Country Towns" prepared

(c) The Report upon "Industries in Welsh Country Towns" prepared under my general supervision by Professor Arthur Beacham as chief investigator and Mr. Flynn Hughes has been in the hands of the Development Com-

mission for some months.

Before closing this report, our congratulations should be extended to Professor Brinley Thomas, a former student of the College, on his appointment to membership of the Assistance Board. My thanks should also be recorded to Mr. Percy George, Mr. J. H. Morris, and Mr. Paul H. Guenault for their loyal help and co-operation in carrying the pressure of work of a very large department.

#### EDUCATION

# Professor Idwal Jones

The Session has been on the whole a satisfactory one, both in the degree courses and professional work. The quality of the Subsidiary class was 'good average,' whilst in the Final class there were two or three outstanding students. Honours courses had to be re-instituted, and these made further demands on the staff which is already coping with abnormal numbers. Problems of staffing for increased permanent numbers, particularly in the professional year, will have to be solved in the near future.

The Reverend Principal G. A. Edwards took further responsibility for courses in Biblical Studies and the Department is grateful for his valuable help. Lectures were given by Mr. Emrys Davies, Mr. Sydney Herbert and Mr. J. I. Platt, whilst Mrs. Elizabeth Davies again helped with school supervision. The Department thanks them, as well as the Directors of Education, Headmasters and teachers who co-operated so willingly in the work of training teachers. The Department will especially miss Mr. E. D. Davies on his retirement from the post of Headmaster of Alexandra Road Boys' School (to be known in future as Secondary Modern) and welcomes his successor, an old student of the College and Department, Mr. Howell Watkins.

It is with great regret that I report the resignation of Mr. Pinsent, who has been appointed to the staff of the National Foundation for Educational Research. After long and devoted service to the Department and the College, he will be sorely missed by his colleagues and students. The Department welcomed as a new colleague, Mr. W. J. Lewis, M.Sc., who came from the Emergency Training College, Wrexham.

The most interesting development during the Session was the decision of the College to implement the main recommendation of the McNair Report by taking steps to institute a Collegiate Faculty of Education. It is hoped that a full statement of the aims and functions of the Faculty can be made in the next Annual Report to the Court.

#### Art and Crafts

ACTING HEAD OF DEPARTMENT: PROFESSOR IDWAL JONES Mr. Gapper reports:—

"This year's Intermediate Class was the most satisfactory in the Department and a fair standard of attainment in the examination results justifed the expectations of the first term.

The fourth year students lacked the application of last year's class and the results at the end of the Session were unusually disappointing. An attempt has been made with some good results to encourage Science students to choose the Art Course instead of the Craft course in order to widen their interest generally. No brilliant work was done and the number of students who did not successfully complete the course was greater than usual.

The first and second year students made average progress.

Only one Diploma student was admitted during the Session.

The demand on the staff has been unusually wide and varied, especially outside the College.

I have been entrusted with work for St. Fagan's, Cardiff; the Chelsea School of Physical Training, Borth; the Normal College, Bangor (War Memorial); the Cardiganshire Education Committee; the National Eisteddfod; the Merioneth Athletic Club; the Caernarvon County Council; the Cardiganshire General Hospital and a portrait in bronze of Principal Phillips, Bala."

# Art and Craft Gallery

CURATOR: Mr. R. L. GAPPER

Several cases and their contents of wood crafts had to be specially treated against the appearance of fungi, and it is difficult to account for the type or its appearance this year, for they were not left long enough to develop spores that would enable recognition of the types neither were they confined to cases recently arranged. The one addition to the gallery is a wooden plough that was found on the sea shore close to the College. The iron work is in better condition than the woodwork which is wormeaten. Three exhibitions by the help of the British Arts Council were held on the balcony of the Quadrangle. An Introduction to the French Impressionists, forty reproductions of drawings by Suerat and a William Blakes exhibition were arranged. The latter was sadly curtailed because of the delay in transit. These exhibitions proved of great attraction and the hanging on the balcony gives easy access during the day and does not interfere with classes. We are indebted to Mr. David Bell, the Art Director for Wales of the Arts Council, for his co-operation in securing these exhibitions.

In order to develop the scope and nature of the Gallery, more room is needed which the College in its present circumstances cannot provide. It might be worth considering getting a house in Laura Place for this purpose when one comes vacant and the housing problem of Aberystwyth is less acute.

#### **ENGLISH**

# Professor Gwyn Jones

The Session has been in many ways a most rewarding one. A hard-working and intelligent Honours Class did well in the examinations, and of eight candidates three were placed in the first class and three in the first division of the second. The pass list at the Final stage was excellent, and the Intermediate Class has revealed a variety of (not always academic) talent. But, to cast an eye on the future, the First Year Honours Class was dis appointing; and one-third of the candidates at the Subsidary stage failed, in most cases after a consistently bad year's work. The percentage of failures here has steadily increased over the last three years, and it is likely that this corresponds with a qualitative decline at entry.

There has been a welcome increase of students at the post-graduate stage, and with five students for the Master's degree on our hands we have realised anew how essential such advanced work is for the academic well-being of the Staff as well as the student body. The only thesis presented this year was by a trawlerman's son on "The Sea in Old English Poetry," and fittingly it was

successful.

It was the English Society's privilege to give three performances of O'Casey's "Juno and the Paycock" as part of the Anniversary celebrations; during the Easter term the Society gave two performances of Congreve's "Love for Love" (Dr. Armstrong the producer), and a performance of a student's verse-play, "The Wéasel at the Heart" by Mr. Harri Jones. This last was entirely a student production.

Mr. James Kinsley, M.Ā. (Edin.), B.A. (Oxon), joined the Staff last July. Mr. Kinsley had a brilliant academic career at Edinburgh, and returned from

Active Service to complete a first class Honours at Oxford last year.

We have again to thank the Department of Welsh, and in particular Mr. Thomas Jones, for conducting the Middle Welsh course in Honours.

The Golden Cockerel Press edition of a new translation of the Mabinogion is an interesting example of collaboration among colleagues. The translation is the work of the Professor of English and a Senior Lecturer in Welsh; the maps were prepared by our Professor of Geography.

#### Publications

Professor Gwyn Jones

The Mabinogion. A new translation from the White Book of Rhydderch and the Red Book of Hergest, by Gwyn Jones and Thomas Jones, with illustrations by Dorothea Braby, and maps by E. G. Bowen, The Golden Cockerel Press. Thirty guineas and ten guineas. Editor: The Welsh Review.

Dr. W. A. Armstrong

"The Influence of Seneca and Machiavelli on the Elizabethan Tyrant." Review of English Studies, Vol. XXIV, No. 93, pp. 19-35.

Mr. J. M. Nosworthy
"The Hecate Scenes in Macbeth. R.E.S., Vol. XXIV, No. 94, pp. 138-9. "Shakespeare and the Siwards." Ibid., pp. 139-40.

Reviews: Woodstock, A Moral History (A. P. Rossiter); Macbeth (Ed. J. Dover Wilson); Henry Vaughan (F. E. Hutchinson). All in Life and Letters, Vols. LIII and LIV.

# FRENCH

# Professor E. R. Briggs

The only change of staff has been the arrival of Monsieur Max Dehoux as part-time "lecteur" to give useful help with the oral work. The continued part-time services of Emeritus Professor A. Barbier have been a valuable aid during a difficult Session, but the permanent staff are still hard pressed by the incessant correction of written exercises which is hardly parallelled in any other Arts department. The position in this respect becomes worse rather than better as school pupils whose secondary education has been almost wholly received during the war become more numerous in our first year classes, and the staff have to make continually greater efforts to bring these classes up to standard.

In the Intermediate class, 50 per cent failed owing to inaccurate and often slovenly work in linguistics. Of the Subsidiary class, over 40 per cent failed for the same reason, but there was some promising work by the upper third in this group. The Final and Honours I class was rather smaller, owing to the large proportion of failures in the previous year's Subsidiary, but its members were much more even and satisfactory in their work; there were only five

failures in the examination, two of whom had failed previously.

The Honours Class compensated to some extent for the weaknesses of their juniors by their obvious companionship, zest and good work, although one failed to stay the course. There were three placed in the First Class, three in the upper and two in the lower Second Class, all of them obtaining the Certificate of Oral Proficiency and showing real talent in one direction or another.

Ten aspirants for Honours have spent the Session in temporary posts in French schools, and nearly all have written enthusiastically of their reception. Three research students have pursued their investigations in Paris, remaining in touch with me for supervision owing to the inadequate guidance available in the congested conditions of the French universities; one, Mr.

Myrddin Hugh Johnes, has been awarded a University Studentship.

Monsieur R. Picard, of the French Institute in London, gave a short series of lectures to the French Society in the second term, and the Society had several programmes of French films in addition to the usual meetings. It is hoped to extend this new activity in order to facilitate the students' approach to French life and thought, as a substitute for the usual departmental excursion, and if possible to bring various manifestations of French art to their notice by means of reproductions, loan exhibitions, etc. A modern French comedy was again performed with considerable success by a mainly student cast, thanks to the long and judicious efforts of Mr. J. K. Williams and Mr. O. R. Taylor.

#### Publications

EMERITUS PROFESSOR A. BARBIER

Seven book reviews and an analytical table of articles published in the Revue d'Histoire Littéraire in 1947.

DR. E. M. PHILLIPS

One book review. All in French Studies, July 1947-July 1948.

#### GEOGRAPHY AND ANTHROPOLOGY

Professor E. G. Bowen

The outstanding features of the Department at the moment are the enormous size of the classes and the primitive and totally inadequate accommodation available. The consequent strain upon both staff and students has been considerable; yet in spite of everything the examination results have been extraordinarily good. Forty-one students sat the Honours examination. This was not only the highest number ever recorded in the history of the Department but also the highest number of Honours candidates in any Honours school in the four University Colleges, and incidentally the largest Honours class in Geography in any college in the British Universities. Of these forty-one, seven gained First Class Honours and 19 were placed in Class II (i), 11 in Class II (ii) and four in Class III. Some of the work was of a very high order, especially the quality of the theses submitted. The Final class totalled sixty-four, of whom sixty passed the examinaion and thirty-eight were recommended for admission to the second year Honours class. The Subsidiary class, however, provided the greatest problem. Its total strength amounted to 117 of whom only about two-thirds were able to satisfy the Examiners. The class was far too large to teach and had to be split up into four sections for practical work. This placed a great strain on the teaching staff, and after all the effort it was felt that the task of giving some individual attention was impossible and the poorer student suffered accordingly. It is quite clear that the quality of the entry is becoming slowly poorer in spite of the fact that, with the exception of a few special ex-Service men and women, all members of the class possessed a Higher School Certificate in Geography. Careful check should be kept on the flow of students into the social studies in these post-war years—the channels are too wide and the flow, in consequence, too shallow.

During the Session five higher degrees were awarded for post-graduate studies. One was a Ph.D., one an M.Sc., and there were three M.A. degrees. Two of these degrees involved work among primitive communities in Africa and the Ph.D. degree was awarded to a former student who is now a lecturer in Geography at University College, London, for a thesis applying modern anthropological technique to a social study of a community in the Welsh countryside with the most interesting results. One of the M.A. degrees also opened up new ground by initiating a micro-climatological study of a part of south-west Wales in correlation with factors in animal health. During the Session there were two post-graduate students in residence, one working for the Ph.D. degree and the other for M.Sc. and both are making excellent progress with their studies. This year again a student, who obtained a First Class Honours in the previous Session, Mr. W. L. D. Ravenhill, has been appointed to a lectureship at another university. This makes four university

appointments directly from the Department in two years.

This raises the final and possibly the most acute matter in my report. How can we provide facilities for research work under the present inadequate conditions of staffing and accommodation and the very meagre post-graduate awards available in the College? There are at least a dozen students, among our large numbers, who should be encouraged to proceed further with their studies, but their opportunities are found to be limited under present conditions. The record of the Department in the research field is such that something should be done to meet this grave situation. I should like to pay tribute to the loyalty and collaboration of the staff of the Department in the achievement of such successful results in a most difficult year.

#### GERMAN

#### Professor David Evans

The department has had a very successful year in the Honours and Final grades. We had four good firsts in the Honours Class and the Final Class all passed, some with distinction. The Intermediate Class was weak and the Subsidiary Class a little disappointing. Some students intend visiting German speaking countries this summer but very little real benefit can be expected from such visits at this time. Books are still most difficult to obtain.

I am greatly indebted to my colleagues, Mr. T. P. Williams, Dr. Webber, and Dr. Macho for their work during the Session, and to Professor Gwyn

Jones for taking one of my Honours Class in old Norse.

# HISTORY

# PROFESSOR R. F. TREHARNE

Student numbers were the highest on record, but the average quality of the new entry was poor, and very many failed in the Intermediate and Subsidiary Classes. Inadequate preparation in English grammar and foreign languages was glaringly evident: in these respects grammar-schools are falling far short of their duty to their pupils. The Honours class in contrast, and especially its ex-Service members, did very good good work: Mr. R. F. Walker becomes the first Joseph Hamwee Prizeman, and gained a Dr. Samuel Williams Studentship for research in medieval constitutional history. One of last year's 'firsts,' Mr. Aneurin Davies, gained the Thomas Stevens Research Scholarship for work on modern English history, and Miss Megan Davies a. Sir John Williams Studentship for work on modern Welsh ecclesiastical history. Mr. D. R. P. Pugh, an ex-serviceman, won the Alun Lewis Memorial Essay Prize. A very satisfactory feature has been the resumption of postgraduate research by Mr. E. L. Ellis, B.A., a University Student, under Mr. Johnston, and by Mrs. D. Davies, B.A., and Miss Joan Hughes, B.A., working under Mr. Herbert; all have made good progress.

The invaluable departmental grant made possible an excursion to Hereford Cathedral and Tintern Abbey, over 60 participating. Films of historical interest have been shown. The department was honoured by visits from two distinguished foreign scholars—Professor E. Perroy of Lille University, a leading authority on late medieval economic history, and Professor Dexter Perkins of Rochester University, one of America's foremost diplomatic historians. The Historical Society had an excellent year, including lectures from Professor Perroy, Professor W. H. Davies, Mr. D. L. Evans of the Public Record Office, and Mr. T. Jones of the Welsh Department. A great effort by the Society, fully supported by the College, raised the capital fund of the

Alun Lewis Memorial Prize from £50 to £170.

The translation of Mr. Herbert to create the new sub-department of Administration is naturally a heavy loss; for eighteen years, including some of great difficulty, he has wisely, loyally and powerfully helped to build up the History School, and in two of its features especially, the American History course and the special subject in the French Revolution, he leaves an abiding impress. He takes with him the united good wishes of his friends and colleagues, and of scores of students past and present. His pupil, Mr. Alun Davies, fittingly takes up his special subject, and we are fortunate in recruiting Mr. R. H. Soltau, lately Professor of History and of Political Science in the American University of Beyrut, and a distinguished writer on several aspects of modern history, to take over the rest of Mr. Herbert's work. I also welcome Dr. E. B. Fryde, who joined us in October, 1947, to take charge of our new course in Economic History, and who has already begun to make his own characteristic contribution of scholarly work to the department's activities. To all of my colleagues I owe special thanks for the way in which they carried on the work of the department during my tenure of the Leverhulme Research Fellowship in the Session 1946-7.

#### Publications

PROFESSOR R. F. TREHARNE:

"The Knights in the Period of Reform and Rebellion, 1258-67: a Critical Phase in the Rise of a New Class"—Bulletin of the Institute of

Historical Research, xxi., pp. 1-12.
"The 'Mad' Parliament of Oxford, 1258,"—History, xxxii, pp. 38-41.
"The Mise of Amiens, 23 Jan. 1264" in Essays presented to Sir Maurice Powicke. Common Errors in History: Second Series (Historical Association Pamphlet G7)—Editor and contributor.

History., Vol. xxxii, No. 116-Editor.

Mr. S. Herbert

Reviews in History, Vol. xxxii, No. 116.

Mr. S. H. F. Johnston
"The 2nd/53rd in the Peninsular War," Journal of the Society for Army Historical: Research, xxvi, pp. 2-17.

"The Cameronians at Steenkirk," Scottish: Historical: Review, April 1948. Contributions to Common Errors in History: Second Series.

Reviews in the Spectator.

DR. I. J. SANDERS

Contributions to Common Errors in History: Second Series.

Mr. A. Davies

Contributions to Common Errors in History: Second Series.

#### INTERNATIONAL POLITICS

Mr. I. G. John

Lecture Courses

The usual lecture courses in International Relations and the History of Political Ideas were given. The number of students registered for courses in the department at the commencement of the Session showed an appreciable increase over last Session. Twenty-one students were registered, twelve of whom pursued the Final Economics option, and one the Honours option. The latter abandoned Honours Economics during the second term. Eight students took the option in Honours History, which was reintroduced this Session. This course on International Relations included the study of specially chosen diplomatic documents and treaty texts of the inter-war period. The general level of work in the Final stage was considerably better than last Session, and some of the students showed particular promise. The Honours History class worked very steadily and their performance in the sessional examinations was of uniformly high standard. I should like to express my thanks for the warm co-operation and willing help of the History Department and the Department of Economics and Political Science during this last Session.

Departmental Library

Throughout the Session further additions have been made to the library, which now includes the complete records of the Nuremberg Trials. United Nations Documents are now being received regularly. Again during the Session the Department has had the competent services of the librarian, Miss J. E. Morris.

Extra-Departmental Activities

During the Session, Mr. I. G. John was tutor to Extra-Mural classes, one on International Relations at Aberayron, and another on Soviet Foreign Policy at Aberystwyth. He also addressed a Workers Educational Association week-end school at Blaenau Ffestiniog, and another at Porth, Rhondda, and gave a series of lectures at a Coleg Harlech Non-residential Summer School at Treharris, and will lecture to a similar school at Merthyr Tydfil at the end of July.

#### PHILOSOPHY

#### Professor R. I. Aaron

At the beginning of the Session we were temporarily deprived of the services of Dr. Davies through ill health with the consequence that two of us, Dr. J. R. Jones and myself, were faced with the largest number of students, for a very long period. A few weeks later we were fortunate enough to gain the help of Mr. R. J. Spilsbury and were thus able to carry through our full programme of work. This department has been under-staffed for some time, but with the addition of Mr. W. J. Rees as probationary assistant-lecturer we now hope to introduce many projected reforms. Dr. Davies' return to health can only be gradual: we trust it will be none the less sure. He has served the College with whole-hearted zeal for very many years.

Mr. J. C. Mears gained the M.A. for a creditable piece of research on Pascal. The two research scholars in the department, Miss Caryl Jones and Miss Lottie Ware, did good work during the year and have now left for Paris and Oxford respectively. The Honours Class consisted of two members and the work at this stage was satisfactory. Some members of the First Year Honours Class distinguished themselves and we look forward to an interesting Honours group in the coming Session. The Sir Henry Jones Memorial Prize

was awarded to Mr. Josiah Davies.

#### Publications

Dr. J. R. Jones

(i) Prawf yr Athro Moore o Fyd Allanol: Efrydiau Athronyddol, x. 1947. tt. 22-33.

(ii) Critical Notice of E. D. Adrian's Physical Background of Perception. Mind. Vol. 57, April, 1948. pp. 244-249.

# WELSH LANGUAGE AND LITERATURE

#### PROFESSOR T. H. PARRY-WILLIAMS

There were more students in the Department this Session, especially in the Subsidiary Class. The performance of the rather small Intermediate Class was moderately satisfactory. Some of its members, whose previous knowledge of the subject seemed to be meagre, made quite good progress. The Subsidiary Class, with a fairly big intake of First Year Students, was very disappointing, as the examination results indicate; but there were one or two exceptionally promising students in this Class. The Final Class did very satisfactory work, although the First Year Honours members, with one notable exception, did not quite bear out their earlier promise.

The Honours (Second Year) results this Session were very gratyfying, one student obtaining a First Class, five students Class II (i) and two Class II (ii).

One M.A. Preliminary candidate satisfied the examiners.

One post-graduate student (holder of a Universary Studentship) almost completed her piece of research in preparation for the M.A. Degree.

Two former students were awarded the Degree of M.A.

Another former student, Mr. Brinley Rees, M.A., was appointed last year to the Staff of the Welsh Department at the University College, Bangor.

#### Publications

Professor T. H. Parry-Williams

Islwyn: Detholion. University of Wales Press Board. Y Feinir o Sialot (Cyf.). Y Llenor, Gaeaf, 1947.

Mr. D. Gwenallt Jones.

Bywyd a Gwaith Islwyn. Gwasg Y Brython.

Mr. Thomas Jones

The Mabinogion. A new Translation from the White Book of Rhydderch and The Red Book of Hergest by Gwyn Jones and Thomas Jones, with Illustrations by Dorothea Braby and Maps by E. G. Bowen. Golden Cockerel Press, 1948. Thirty Guineas and Ten Guineas.

'Cronica de Wallia and Other Documents from Exeter Cathedral Library MS. 3514. Reprinted (with Indexes) from The Bulletin of the Board

of Celtic Studies, Vol. XII, Parts i-iii. pp. 24.

'Copi Richard ap John o Scorlegau a Chopi Thomas Prys o Lanfyllin o "Frut y Tywysogion." 'Cylchgrawn Llyfrgell Genedlaethol Cymru, Vol. V. Part 3 (Haf, 1948).

'Triawd Lladin ar y Gorlifiadau.' Bulletin of the Board of Celtic Studies,

Vol. XII., Part iv.

'Nodiadau Testunol a Geirdarddol ar Lyfr Gwyn Rhydderch., Ibid.

Mr. Garfield H. Hughes.

'Dau Gyfieithiad.' Y Llenor, Haf, 1948.

ADOLYGIADAU

Canu Cynnar (Dafydd Owen), Y Llenor, Haf, 1948; Y Cychwyn (T. Rowland Hughes), Y Deyrnas Goll (I. C. Peate), Marchnad y Corachod (Cyf. Aneirin Talfan Davies) yn Welsh Review, October, 1948).

# WELSH HISTORY

#### Professor David Williams

The special lectureship in Medieval Welsh History held by Mr. T. Jones Pierce was, in the course of the year, converted into a research professorship.

Courses of lectures were given within the department for students at both the Subsidiary and the Final stages. In addition optional courses in both Medieval and Modern Welsh History were offered to Honours students within the department of History, and of Modern Welsh History to students at the Final stage within that Department. Also an optional course of lectures was given for the first time on the Economic History of Wales in the last century within the department of Economics. Both professors of Welsh History assisted in the guidance of Geography candidates in the preparation of B.A. dissertations and in research work for higher degrees. Furthermore a course of lectures on Early Celtic Christianity was given by Professor T. Jones Pierce to a student at the Theological College in preparation for the Final B.D. degree.

# Publication

Professor T. Jones Pierce

A Calendar of Clenennau Papers. Volume I. National Library of Wales Journal Supplements.

#### BOTANY

#### Professor L. Newton

The large student intake of the past two years has resulted in high numbers in the Final grade and still further increase in that grade is fore-shadowed for next Session. This will involve additional duplication of classes and inevitably some reduction in practical periods. Though the results at Intermediate, Subsdiary and Final levels are numerically very satisfactory, all members of staff will welcome the return to full practical work as soon as either a fall in numbers or increased accommodation makes such procedure possible. The work of the Honours class has been good and resulted in the award of one First Class, six Class II (i) and three Class II (ii) at the Honours examination. The research students have done very satisfactory work in mycology, ecology and algal ecology respectively. Mr. H. T. Powell has been appointed as algologist to the Scottish Marine Biological Station at Millport and Mr. G. T. Goodman has been appointed to the staff of this Department for next Session.

I have continued to collate the work that is being carried out at Manchester, Millport and Aberystwyth on the agar-producing seaweeds and to correct the proofs of the volume that is being published by the Stationery Office. Mr. Carter, Dr. Wilson, Mrs. Hudleston and Mr. Herbert Jones have continued their researches, though all members of staff have felt the pressure of work that is inevitable with the high student numbers.

The garden around the swimming pool has progressed considerably during the year and a start has been made on the botanical garden which is to form part of the scheme for the utilisation of the Penglais site. This will be a very great asset to students of the future and I acknowledge gratefully the gifts that have been made to it as well as those that have helped to keep our library

and periodical list up to date.

#### CHEMISTRY

#### Professor C. W. Davies

The department has suffered a severe loss through the death of Dr. K. Heller in July, 1947. Dr. Heller was a chemist of distinction, and an inspiring teacher. In his own field of analytical chemistry he is irreplaceable.

Mr. E. N. Jenkins, M.Sc., joined the teaching staff in October, and Dr. Mansel Davies in November, 1947. Both are old students of the department.

The work of the Session calls for little comment. The examination results were very satisfactory, the work of the Subsidiary class in particular showing much promise, and three of the Honours students obtained First Class Honours. Of the research students, Mr. Peter Wyatt has been awarded the Ph.D. degree, and leaves to take an appointment as Assistant Lecturer in Sheffield University; four others will be submitting theses for higher degrees in the autumn.

The staff of the department collaborated in the Easter refresher course of the Ministry of Education, and were also able to give some assistance to the borough officials during the critical water shortage.

#### Publications

Professor C. W. Davies

Chemical Progress. Chap. IV: Liquids and Solutions (H. M. Staty. Office, 1947).

Electrolytic Solutions. Chemistry and Industry, 1947, 308. Ion Exchange Resins. Chemistry and Industry, 1948, 51.

DR. MANSEL DAVIES

An Outline of the Development of Science (The Thinker's Library, Watts and Co., London).

Physical Aspects of the Hydrogen Bond. Annual Repts. Chem. Soc., 43,

pp. 1-30. Simple Potential Functions for HF and HF<sub>2</sub>, J. Chem. Phys., 1947., 15,

Molecular Interaction and Infra-red Absorption Spectra. Part I: Methyl Alcohol. J. Chem. Phys., 1948. 16, 267.
Molecular Interaction and Infra-red Absorption Spectra. Part II:

Phenol. ibid., 1948, 16. 274.

#### GEOLOGY

# Professor Alan Wood

The quality of the work in the department has been high, despite the difficulties caused by the duplication of practical classes in the Subsidiary Special mention should be made of the keenness and Intermediate grades. displayed by the Honours class as a whole. The distinguished visitors address to the students geological club was by Dr. A. W. Woodland, of the Geological Survey, while Mr. R. O. Roberts, of the Nigerian Geological Survey addressed the Honours class on the nature and prospects of life on a Colonial Survey.

Excursions were held in the Michaelmas and Summer terms to local areas of geological importance, going as far afield as Cader Idris and Builth. In the Easter vacation the Honours class had a three weeks' semi-independent mapping course in the island of Arran, and the Final and Subsidiary students attended a week's supervised course in the Isle of Wight.

During the Session advice has been given on a number of problems of practical value, in particular on the provision of adequate water supplies for new housing schemes in rural districts.

It is pleasant to record that Dr. Alwyn Williams has been awarded a Commonwealth Fellowship, and Mr. J. Challinor the Garner medal of the North Staffordshire Field Club. Thanks are due to Mr. Charles B. Storey for a generous donation towards the cost of equipment in the new geological department, and to Mr. J. B. Willans and Mr. J. F. Jackson for the continuance of their kind gifts. During the Session the J. J. Thomas bequest has become available for a scholarship in Geology.

#### PUBLICATIONS

#### PROFESSOR ALAN WOOD

An Excavation revealing the junction between Ingletonian and Coniston Limestone at Ingleton. Geol. Mag. Vol. 85, 1948, pp. 33-34.

"Sphaerocodium," a misinterpreted fossil from the Wenlock limestone. Proc. Geol. Assoc., Vol. 59, 1948, pp. 9-22.

# Mr. J. CHALLINOR

"A remarkable example of superficial folding due to glacial drag, near

Aberystwyth," Geol. Mag. Vol. 84, 1947. pp. 270-272.
"From Whitehurst's 'Inquiry' to Farey's 'Derbyshire': a chapter in the history of English geology," Trans. N. Staffs. Field Club, Vol. 81, 1946-7, pp. 52-88.

"New evidence concerning the original order of deposition of the Long-

myndian rocks." Geol. Mag. Vol. 85, 1948, pp. 107-109.

"A note on convex erosion-slopes, with special references to North Cardiganshire," Geography, Vol. 33, 1948, pp. 27-31.

#### APPLIED MATHEMATICS

# Mr. T. Lewis

Two students in the Subsidiary class and one in the Final class showed marked aptitude for the subject. The work of the Honours class in Mathematics (Pure and Applied) was on the whole highly satisfactory on the Applied side. Of the eight candidates who took the examination, four were placed in Class II (i).

Gerald Brennan, who took a first class Honours in Pure Mathematics. last year, read for Honours in Applied Mathematics this year, and he obtained a very good first class. The University, on the nomination of the College, has awarded him a Dr. Samuel Williams Studentship. He will do his research in the Department of Pure Mathematics.

The department co-operated with the Physics department during the year by giving courses of lectures: (i) on Hamiltonian dynamics (to the Honours Class); (ii) on Operational Calculus (to the research students).

#### PUBLICATIONS

#### Mr. T. Lewis

"Kinematical Relativity." Phil Mag. Vol. 38, 1947.

"On the Theory of Point Electrons." Phil. Mag. Vol. 39, 1948.

#### PURE MATHEMATICS

#### Professor V. C. Morton

The work in the Department during the Session was, on the whole, satisfactory. For various reasons our best Honours students have not come back from war service and, although there were 8 students in the second year Honours class in Mathematics, there was no one of first class calibre. most promising man in the first year Honours class, Mr. P. H. Roberts, has been awarded an open scholarship at Cambridge, but his plans are not yet certain. The Subsidiary class was larger than usual with a few quite promising students at the head but with a fairly long tail of weak ones.

I am very pleased to be able to say that the first stages of a project for more powerful co-operation between the departments of Mathematics and Physics will probably be carried out in the near future I take this opportunity of thanking Professor R. M. Davies and Mr. T. Lewis for their friendly and unselfish co-operation in this plan which is being built up by the three

departments. Research

Mr. D. G. Pryce, a former student, obtained the degree of M.Sc., in

December for a sound thesis on a geometrical subject.

A joint paper, on systems of curves, by Mr. M. T. Chapple and myself has been accepted for publication by the Oxford Quarterly Journal of Mathematics.

#### PHYSICS

#### Professor R. M. Davies

The number of students in the Department was 114; of these, 10 were engaged in post-graduate research. The Session began with an Honours Class of 15, but two ex-service candidates decided to postpone their examination for a year whilst a third was taken ill during the examination. twelve who sat, three were placed in Class I, eight in Class II (i), and one in Class II (ii). The quality of the work at this stage was exceptionally good, and, taken as a whole, this class was undoubtedly the best and most mature in the history of the Department. The Final and Subsidary Classes did good work, but the Intermediate class proved disappointing.

During the Session, we were fortunate in securing the services of Dr. W. Mervyn Jones as Assistant Lecturer. Dr. Jones is an old student of the Department who, after graduation, worked at the Clarendon Laboratory, Oxford, and at the Atomic Energy Research Establishment, Harwell. He has specialized in electron microscopy and in the separation of isotopes by the diffusion method, and his experience in these fields will be a valuable acquisi-

tion to our resources.

The research work of the Department continues to make good progress, and, at the beginning of the session, Messrs. N. Morris, D. H. Trevena, L. J. Griffiths, L. Murray, D. Williams and J. D. Owen returned to pursue research.

Our ten research students are divided into two groups, one engaged in work on topics in Mechanical Physics and the other on problems in Nuclear Physics, and, from the point of view of training students in research, the prosecution of work in two very different fields of Physics in the same Department is of considerable value, since it tends to counteract over-specialization.

It is again a pleasure to record our indebtness to Mr. T. Lewis for cooperation in our Colloquium and for courses of lectures to our Honours Class and to our research students. I trust that the new combined course in Mathematics at the Final stage will shortly be available.

In November, I read a paper on "A Critical Study of the Hopkinson pressure bar" to the Royal Society, and I hope to present three papers at the VII International Congress for Applied Mechanics in September.

#### Publications

Professor R. M. Davies

- "A Critical Study of the Hopkinson pressure bar" Trans. Roy. Soc. A, Vol. 240, pp. 375-457 (1948), and, in collaboration with Sir Geoffrey Taylor, F.R.S.
- "The aerodynamics of porous sheets" Aeronautical Research Council Reports and Memoranda, No. 2237, pp. 1-14.

Mr. I. C. Jones "Pwyso a Mesúr," Y Llinyn Arian, 1947.

DR. W. M. JONES (in collaboration with R. BARER). "Electron-microscopy of the Sarcolemma," Nature, 26, June, 1948.

#### ZOOLOGY

# Professor T. A. Stephenson

The work of the students this Session calls for no special comment beyond the fact that First Classes were awarded in Honours to Aneurin Griffiths and C. K. Rawlins. The degree of Ph.D. was awarded to Ronald G. Evans, M.Sc., for an excellent thesis dealing with several aspects of intertidal ecology. During the earlier part of the Session Professor and Mrs. T. A. Stephenson were in the United States engaged in ecological work connected with their projected monograph on plant and animal life between tidemarks in the world as a whole, Dr. E. E. Watkin being in charge during their absence. The plans for the gradual improvement of the accommodation and equipment of the department have made some progress, and it is hoped that during the coming Session it will be possible to equip a laboratory as an aquarium and to develop our teaching museum. During the Session the Adviser in Agricultural Entomology, Mr. J. R. W. Jenkins, who has been housed in the department for many years, moved out to his new quarters at Crosswood.

#### Publications

Professor T. A. Stephenson

"The constitution of the intertidal fauna and flora of South Africa, Part III. Annals of the Natal Museum, vol. XI., 1948, pp. 207-324. "The colours of marine animals." Endeavour, vol. VI., No. 24, 1947.

DR. GWENDOLEN REES

"A study of the effect of light, temperature and salinity on the emergence of Cercaria purpurae Lebour from Nucella lapillus (L.)." Parasitology, vol. XXXVIII, 1948, pp. 228-242. Some animal parasties." Biology and Human Affairs, vol. XIII,

"Some animal parasties."

1947, pp. 11-17.

Dr. J. R. E. Jones

A further study of the reactions of fish to toxic solutions." Experimental Biology, vol. XXV, 1948, pp. 22-34.

"The reactions of Pygosteus pungitius L. to toxic solutions." Iournal of Experimental Biology, vol. XXIV, 1947, pp. 110-122.

DR. R. G. EVANS

"The intertidal ecology of Cardigan Bay." Journal of Ecology, vol.

XXXIV, 1947, pp. 273-309.

"The intertidal ecology of selected localities in the Plymouth neighbour-Journal of the Marine Biological Association, vol. XXVII, 1947, pp. 173-218. "Studies on the biology of British limpets." Proc. Zoological Soc.,

vol. CXVII, 1947, pp. 411-23.

# LAW

# Professor D. J. Llewelfryn Davies

The most noticeable feature of the Department during the Session was the unusually large Honours class. The general standard of achievement was very satisfactory. The majority of the students were ex-service men, and while this break in their studies has given them a greater maturity, it has undoubtedly made it difficult for them to recapture the examination technique.

This may explain why no First Class Honours was awarded.

It seems that as far as the Law Department is concerned the post-war bulge is already subsiding. The reason why the peak has been reached sooner in the Faculty of Law than in the other Faculties is that Law students, who have to face a further long period of professional training, are more inclined to avail themselves of the War Concessions, which entitle them to graduate at the end of their second year. It is, therefore, to be expected that a large proportion of those who have this year completed Part II will not return to take the Honours course next year.

Twenty-five students from the Faculty of Arts studied Constitutional Law as part of their degree scheme. The keen and intelligent interest which these students take in the study of the government of the United Kingdom and of the Commonwealth has been an encouraging feature during the post-war

period.

During the summer term the Department received an official visit from the Law Society. In connection with this visit a meeting of the representatives of the solicitors profession was convened to consider the legal education of articled clerks in the area served by the College. It was felt that the most satisfactory arrangement for intending articled clerks who do not desire to take the LL.B. was to take a one year course as full-time students at the College, which would count in lieu of the first year of their articles. The College has agreed to reserve a limited number of places for such students, and it is to be hoped that full advantage will be taken of this provision.

It is with great regret that I have to announce the departure of two members of the Staff. Mr. J. A. G. Griffith is leaving after two years to fill the newly created lectureship in Administrative Law at the London School of Economics, and Mr. J. D. B. Mitchell, who came here last October, has been

appointed Senior Lecturer at the Law Society's School.

The Department has noted with great pleasure the appointment of Mr. J. Walter Jones, a former student, as Provost of Queen's College, Oxford, to succeed Sir Oliver Franks.

#### MUSIC

#### Professor David de Lloyd

The students who pursued Intermediate and Subsidiary courses during the Session showed much interest in their studies, three of the Subsidiary students submitting work which would justify their proceeding to the Final

stage next Session.

The Final Music candidates were all successful in the June examinations. Several scripts showed traces of hurry, especially those submitted in paper four; a composite paper which it would be advisable to split into two separate papers in future. In the Honours Class, one student obtained Class I; four Class II (i) and one Class II (ii). The general standard in the Honours Class was not up to the level of last year, except in the case of Mr. Harrhy, who was placed in Class I.

Mr. Rhoslyn Davies, one of last year's First Class Honours students, has recently been awarded a Composition Scholarship in the Royal College of

Music.

The usual Chamber Music Concerts were given regularly during the Session; the Orchestral Society (under the conductorship of Mr. Hubert Davies) was as vigorous as ever and the choir of students conducted by Mr. Rhoslyn Davies gave a creditable performance of a work written for the College Celebrations held in October.

#### AGRICULTURE

Professor J. E. Nichols Professor W. Ellison

The numbers of students taking courses in the Department during the Session were as follows:—

Grade ,	No. registered	No. who took Sessional Examinations	No. passed
DEGREE COURSES: Subsidiary Final  1st Year Hons. 2nd Year Hons. Post-graduate	9 3	58 43 (2 external) 9 3 ——————————————————————————————————	. 47 37 9 3 — 96
Dairy Courses: Diploma Course (1st Year) Diploma Course (2nd Year)	24	24	21 16 37
Totals	. 151	153	133

The total of 151 Degree and Dairy Diploma students, excluding those at the Intermediate stage, continues to emphasise the difficulties caused by inadequate equipment and more especially the shortage of teaching staff. The proportion of ex-service students has increased considerably, and is illustrated by the fact that of the students at the Subsidiary stage, only 12 are non ex-service out of a total of 58. The standard of diligence and work amongst the students is satisfactory, and the number of failures shown above is in the main due to lack of practical farming experience. Three candidates presented themselves for the Honours Degree. The number of applicants, both ex-service and non ex-service, for the Degree and Diploma courses continues greatly to exceed the vacancies available. Official connection with farmers and agricultural conditions in the province has become a stage more remote since, with the recent reorganisation of county Agricultural Executive Committees, no members of staff now serve directly on these committees. Members of staff, however, welcome and devote considerable time to the opportunities which arise to co-operate with extra mural bodies, so that they may keep themselves in as close touch as possible with agricultural problems and developments in the area. Mr. Walter Davies, who was Assistant Lecturer in Animal Husbandry, has resigned his post.

#### Publication

#### PROFESSOR W. ELLISON

Reseeding on the Northern Part of the Plynlimon Range. Journal of the British Grassland Society Vol. 3. No. 3.

# AGRICULTURAL BOTANY

Professor T. J. Jenkin

Dr. P. T. Thomas

Grade	No. registered	No. who took Sessional examinations	No. passed
Subsidiary Final 2nd year Honours Post graduate	 59 8 8 3	58 8 8 3	52 7 7 3
Totals	 78	77	69

The Subsidiary class maintained a good standard, particularly in practical work. This can be attributed to a greater stress on field work, made necessary by lack of accommodation and equipment in the laboratory.

The work of the Honours class was very good, and at the Sessional Examinations one student was placed in Class I, five in Class II (i), and one in Class II (ii). The student who was awarded a First Class has been appointed a research assistant in the John Innes Horticultural Institution.

The degree of M.Sc. was awarded to the following:-

- Mr. K. R. Ramachandran on "A study in the establishment of Timothy grass"
- Mr. S. W. Saeed on "Preliminary investigations on strain differences in Lolium"
- Mr. Watkin Williams on "Self and cross compatibility in Alsike clover."

The external examiner, Professor W. Brierley, D.Sc., wished to record that Mr. Watkin Williams's thesis was extraordinarily good.

Increasing emphasis is being placed on research in the Department. Mr. Ellis Griffiths, working on *Phialea temulenta*, which causes Blind Seed Disease of rye-grass, has established its chromosome constitution. Mr. D. J. Harberd, working on species relationships in *Brassica*, has doubled the chromosome number of some species, and has made a number of interspecific hybrids.

A conference of the Medico-Veterinary Society was held at Aberystwyth on 4th June, at which an exhibit of plants believed to be poisonous to livestock was arranged by the Department.

The Department is indebted to Mr. M. T. Thomas and Mr. E. T. Jones, of the Welsh Plant Breeding Station, for courses of lectures in Agronomy and Plant Breeding respectively. Thanks are also due to Mr. Watkin Williams for reading, at the 8th International Genetics Congress, Stockholm, a manuscript on the cytology of certain Festuca species and hybrids, prepared by Dr. P. T. Thomas, who was unable to attend.

#### Publication

# Dr. P. T. THOMAS

Plasmagene polyploidy in yeast and its relation to the cancer problem.

Nature (in the press).

#### AGRICULTURAL CHEMISTRY

Mr. R. O. Davies

Grade	No. registered	No. who took Sessional examinations	No. passed
Subsidiary Final 1st Year Honours 2nd Year Honours 1st Year Dairy Diploma 2nd Year Dairy Diploma	59 1 6 3 24 16	58 1 6 3 24 16	52 1 6 3 18 16
Totals	109	108	96

The number of students in the Department shows an increase of fifteen on the previous year and one of the main problems this Session has been to provide the necessary laboratory space and equipment. Of the Honours. Students one was placed in Class I (Mr. W. R. Rees) and two in Class II (ii) (Messrs. D. T. Davies and R. B. Hughes). The bulk of the degree students consisted of ex-service men who applied themselves earnestly to their work. A consistently high standard was attained by the 2nd Year Dairy Diploma Students.

Mr. W. Ll. Jenkins, B.Sc., was appointed Assistant Demonstrator for the Session, and has commenced research on the chemical changes in the nutrients of farm crops during storage.

The research programme on the winter conservation of animal foods has been continued in co-operation with the Welsh Plant Breeding Station and the Agricultural Department, and an increased grant has been provided by the Ministry of Agriculture for this work.

The Department is indebted to Dr. Rice Williams, the Provincial Soil Chemist, for a series of lectures on soil.

# Publication

MR. R. O. DAVIES and MR. W. E. J. MILTON

The Yield, Botanical and Chemical Composition of Natural Hill Herbage under Manuring, Controlled Grazing and Hay Conditions. *J. of Ecology* Vol. 35, December 1947.

# AGRICULTURAL ECONOMICS

PROFESSOR E. F. NASH

The attendance and work of the students was on the whole very satisfactory. There was a record number of students taking the Final Course and six intend to pursue the Honours Course in Session 1948-49. Of the three students who completed the Honours Course, two were placed in Class II (i) and one in Class III.

Grade		No. registered	No. who took Sessional examinations	No. passed
Subsidiary Final 2nd Year Honours Post-graduate		13 17 4 1	13 17 3	13 16 3
Totals	)	35	33	- 32

The economic investigations carried out by the Department during the year include a quota of 420 records for the National Farm Management Survey and 87 Milk Cost and 72 Crop Cost records for the National Milk Costing Scheme. Enterprise costs in respect of 33 Poultry Flocks, 39 Highland and 31 Lowland Sheep Flocks, 54 Store Cattle (25 Suckling and 29 Pail Fed system), 38 Tractor Costs and 10 Horse Costs have been completed. Labour Costs Enquiry for 32 farms is being continued and arrangements have been made for an enterprise study on the cost of producing beef (summer) on 37 farms. A number of papers prepared in 1948 in connection with these investigations are awaiting publication.

In the Co-operative Advisory work,

the Department continued its statistical and general economic services to the Farmers' Co-operative move-

ment in Wales.

Exhibits have been provided at Rallies and Agricultural Shows and a number of lectures have been given by members of the staff to Farmers and

Young Farmers Clubs.

Mr. J. D. Griffiths, N.D.D., who has been on the staff since 1934 leaves at the end of the Session to take up an appointment as Organiser of Agriculture for the County of Gloucester. Mr. J. H. Davies, who joined the staff in 1947, has been appointed as Organiser of Young Farmers Clubs for Pembrokeshire and starts duties in August. I wish to place on record my appreciation of their services to the Department.

#### Publications

Professor E. F. Nash

Changes in External Factors affecting British Agriculture. Lloyds Bank Review April 1948.

Mr. J. Pryse Howell

A Note on the Financial Results on Hill and Upland Farms in Wales, 1944-46. Prepared for the Ministry of Agriculture and Fisheries— Marginal Land Farming Committee. (Cyclostyled) Published by the Department 1948.

Mr. J. Pryse Howell with Mr. J. R. E. Phillips

Cost of Milk Production per Cow and per Gallon for Herds in Wales (a) Winter Period; (b) Summer Period and (c) Whole Year 1946-7. (Cyclostyled) Published by the Department.

Mr. J. R. E. Phillips

The Agricultural Marketing Acts and Schemes: A Critical Review, with some General Observations on Post-war Marketing Aims and Methods. (Cyclostyled) Published by the Department, 1948.

Mr. B. H. Roberts

Hill Sheep—A Study of Costs and Returns on 48 Welsh Farms during (Cyclostyled) Published by the Department, 1948.

A Note on the Estimated Length of period required to reconstitute Hill Sheep Flocks in some Welsh Counties (Cyclostyled) Published by the Department, 1948.

Mr. T. G. Jones

Agricultural Co-operation in Wales during 1945 and 1946 (Prepared for Year Book on Agricultural Co-operation—Horace Plunkett Foundation).

#### ANIMAL HEALTH

#### Professor Alastair N. Worden

The research programme outlined on p. 76 of the previous year's Reports has been continued and it is gratifying to be able to report satisfactory progress in all sections and also the continued collaboration of the Welsh Plant Breeding Station, of the Departments of Chemistry, Geography and Anthropology, and Zoology, and of the Bureau of Animal Population and other outside centres. The herbage-animal relationship is being tackled from the biochemical, agronomic, parasitological and ecological aspects and it is hoped that there will in the near future be field station facilities to enable the nutritional and physiological approaches to be further developed. There has been considerable progress with the survey of animal health and production, while

the study of nutritional factors in calfhood is proceeding well.

The Agricultural Research Council has extended its support during the past year, and as from August, 1948, its provision will include a block-grant made on a five-year basis. The Council has awarded studentships to Messrs. R. A. Evans and W. H. Parr. Support is still forthcoming from private benefactors, from the scientific branch of Messrs. Cooper, McDougall and Robertson and from the Universities Federation for Animal Welfare. The two last-named bodies have also renewed the studentships held by Messrs. G. Owen Evans and R. Wynne Owen and by Miss W. M. Phillips.

Pantyrhuad Farm will be given up by the Department as from September. 1948, when Mr. M. Fisher will transfer to the new College Farm at Penglais. Dr. N. Walker has resigned his appointment as from the end of July, 1948, to take up a Fellowship at Liverpool University, while Mr. D. McKelvie has taken up an appointment at the East of Scotland Agricultural College. On completion of his course of study for the Ph.D. degree Mr. G. Owen Evans

will shortly leave to take up his appointment at Rothamsted.

During the year four candidates have been presented successfully for the degree of M.Sc.

#### PUBLICATIONS

Professor A. N. Worden

"The Modes of Action of Vitamins." Veterinary Record, 1948, 60, 38-39. "Contributions that Nutrition can make to Preventive Medicine" Veterinary Record, 1948, 60, (in press)

PROFESSOR A. N. WORDEN and MR. A. W. DAVIES

"The relative importance of antibodies and vitamin A in preventing disease in young calves." *Biochemical Journal*, 1948, 42. xxx. (With Mr. F. Blakemore et al.)

Mr. Richard Phillips

'The Seasonal Distribution of Calf and Milk Sales in West Wales and the Probable Influence of Climatic Conditions on the Rate of Calving during the Autumn Months and on the Consequent Milk Production, Journal of Dairy Research, 1948, 16. (No. 1, in press). (With Mr. J. L. DAVIES).

DR. W. CHARLES EVANS, MR. A. W. DAVIES and MR. R. A. EVANS.

"Studies on the Biochemistry of Pasture Plants. I. A New Technique for the Preparation and Preservation of Herbage Samples," Journal of the British Grassland Society, 3. 153-158.

MR. A. W. DAVIES

'Quantitative Aspects of the storage of vitamin A," Biochemical Journal, 42 (in press).

"The Vitamin A Content of the Liver and Certain Other Tissues of Seals," Biochemical Journal, 42. (In press).

Mr. A. W. Davies and Mr. D. N. Fidler "Testing the Keeping Quality of Milk at a Farm Laboratory." Dairy Industries, 13. (In press). (With Mr. S. B. Thomas).

Mr. G. Owen Evans

"Studies on the Bionomics of the Sheep Ked, Melophagus ovinus Linn in West Wales. I. The Life Cycle." Bulletin of Entomological Research 1949, 40. (No. 4 in press).

"Studies on the Bionomics of the Sheep Ked, Melophagus ovinus Linn in West Wales. II. The Incidence in a Flock of Welsh Sheep, Ibid.,

1949, 40. (No. 4 in press).

"Studies on the Bionomics of the Sheep Ked, Melophagus ovinus Linn. in West Wales. III. Distribution on Welsh Sheep," Ibid, 1949, (No. 4. in press.)

MISS WINIFRED M. PHILLIPS

"Small Mammals," in Report for 1946 on Skomer Island. (W.W.F.S.), 1948 (in press).

#### DAIRYING

# Mr. John Lewis

The numbers of students pursuing courses in Dairying during the Sessics were as follows:

Stage	, Course	Number
lst year	Dairy Husbandry	19
do.	Dairy Technology	5
2nd year	Dairy Husbandry	10
do.	Dairy Technology	6
	Total	40

This has been the first Session in which both first and second year students have been divided into separate groups, for the teaching of dairy husbandry, as distinct from dairy technology. The arrangement has meant that additional lectures have had to be given, in order to deal with the more specialised aspects of husbandry and technology. In accordance with the proposal to concentrate on providing training in dairy husbandry, steps have been taken to re-equip the College Dairy with new machinery essential for this work. There is already available at the Dairy Buildings a considerable variety of milking machines, farm sterilizing and milk cooling equipment. Most of this new equipment has either been purchased on very favourable terms or has been presented to the Department for demonstration purposes. It is proposed to dispose of most of the butter and cheese making equipment.

During the year, twelve students from the Department sat the examinations for the National Diploma in Dairying. Of these, eleven were successful and departmental records reveal this to be the highest percentage of passes so far obtained. This Session sixteen students are being recommended for the award of the College Diploma in Dairying and, of these, twelve are expected to sit for the National Diploma in Dairying in September next. Some of the students have done outstandingly good work, but there is evidence that a considerable proportion of the first year students would not justify

admission to the full diploma course.

Mr. John Lewis has completed a study on "Some aspects of the history and development of Dairying in Carmarthenshire," for which he was awarded the degree of M.Sc. (Wales).

# THE WELSH PLANT BREEDING STATION

DIRECTOR: PROFESSOR T. J. JENKIN

The most notable event of the year was the expiration of the lease of the Cahn Hill-Improvement Scheme lands.

Thus the first phase of a pioneer Scheme for the improvement of hill land, (and, incidentally, as later proved to be the case, the reclamation of derelict

land) came to a close at the end of fourteen years.

The Scheme was initiated by Sir R. George Stapledon in 1933 with the financial backing of the late Sir Julien Cahn. It is no exaggeration to say that the work attracted world-wide attention, and very wide emulation. It showed that some of the most unlikely land could be improved beyond anything that would previously be expected if— (1) it was reasonably accessible; (2) suitable implements could be provided; (3) the right methods of treatment and cultivation were adopted; (4) suitable fertilisers and lime could be applied; (5) appropriate seeds-mixtures were used; (6) subsequent grazing were suitable managed.

At Michaelmas 1947, arrangements were made with the new owner-occupier, Capt. Eric Evans, for the continuation of one large-scale, long-term experiment at least for one year, and during that period also other experiments will be open to the Station for observation, and the improved areas for demonstration purposes. With the cessation of operations, however, deterioration and retrogression in the improved areas is to be expected.

Widespread sorrow has been expressed at the suspension of the Station's activities in this direction, and it is hoped that a suitable farming unit will

become available on which this type of work can be resumed.

The loss to the Station of the valuable services of Mr. M. T. Thomas has regretfully to be recorded. After about ten years as Grassland Adviser for Wales, working in the closest possible association with the Station, he was appointed senior Grassland Investigator at the Station in 1940, and for seven years he gave loyal service to the Station. Mr. Thomas's more direct services to the College as such through the courses of lectures he gave to both Subsidiary and Honours students in the Department of Agricultural Botany should also be referred to. The success of the teaching in Grassland Agronomy is clearly reflected in the number of ex-students of the Department who have been appointed for grassland work in the National Agricultural Advisory Service, to which Service Mr. M. T. Thomas has now been appointed as Provincial Grassland Adviser for Wales.

In the course of the year two junior appointments to the staff of the Station were made. Mr. Ieuan Davies, B.Sc., was appointed to the Scientific Officer Grade, and Mr. M. G. Jones to the Assistant Experimental Officer Grade. Mr. Idris Jones, who has been in the service of the Station for many

years, was promoted also to the latter grade.

The advantages of the addition of a cytologist to the staff of the Station has been recognised, and Mr. Keith Jones who has been appointed will take

up his duties in October, 1948.

The two Indian students who were carrying out special researches at the Station were only allowed two growing seasons by their respective Governments, and have now returned to their own country after presenting theses for

the M.Sc. degree.

The Station continues to attract attention, both as a demonstrational and as a training centre, particularly in relation to breeding technique, grassland agronomy technique, and seed multiplication, and numerous overseas visitors have been entertained. This season (1948) Mr. Daday (Hungary) and Mr. van den Eynden (Holland) are at the Station for several months, and Mr. Bakli (Norway) for some weeks. Others, including persons sponsored either by the British Council or the Ministry of Agriculture, are at the Station for shorter periods, and usually call for individual attention. In addition, Thursday of each week, practically throughout the growing season, is given over to organised parties of farmers.

Before the end of the academic year, it is expected that the Director and three other members of staff will have attended the 8th International Congress of Genetics in Sweden. For this purpose they have been awarded Travelling Fellowships by the Agricultural Research Council. Mr. A. R. Beddows has also been awarded a Travelling Scholarship to enable him on behalf of the

Station to visit the western seaboard of France.

The problem of an adequate supply of authenticated seed of the Station's grass and clover strains (popularly known as "Aberystwyth Seeds") has yet to be solved. The Station itself successfully met the war-time expansion, but it is now felt that it should be relieved of some of this work while arrangements are also needed for further expansion, as it is fully expected that these strains must play an important part in the effort for increased maintained agricultural production.

The demand for evening lectures to farmers has decreased with the advent of the National Agricultural Advisory Service, but members of the Station's staff are still in demand for consultations, conferences and specialist lectures.

The visit of the Agricultural Research Committee in October, 1947, provided the opportunity for a discussion of the Station's work and needs, although unfortunately time did not allow the Committee to see the work itself, nor the conditions under which it is carried out. As a result of the Committee's visit, however, sanction has been obtained for the appointment of an additional Plant Breeder with a special knowledge of Mycology in the Clover Breeding Department. The need for increased storage and laboratory space has also been recognised in principle, as well as special facilities needed in relation to breeding work.

#### PUBLICATIONS

Professor T. J. Jenkin

Castlemartin Cattle and Report on the Demonstration at Dolgelley, Welsh Black Cattle Society Herd Book, Vol. 35, 1947. Strains and Symbols. Young Farmer, March-April, 1948.

Mr. GWILYM EVANS

Needs and Supplies of Seeds of Adapted Strains. Journal British Grassland Society, Vol. 3. No. 1. pp. 35-42, March, 1948.

Mr. W. E. J. MILTON

The Buried Viable Seed Population of Lowland and Upland Soils with. particular reference to those of Grasses and Clovers. Paper read at the British Association Meeting, Dundee, September 1947.

Messrs. W. E. J. Milton and R. O. Davies
The Yield, Botanical and Chemical Composition of Natural Hill Herbage under Manuring, Controlled Grazing and Hay conditions. I. Botanical Section; II. Chemical Section. J. Ecology, Vol. 35. pp. 65-95. 1947.

Mr. I. P. Cooper

Resistance to "Inanition" in Grass Seedlings. Nature, Vol. 161. No. 4101. p. 894. June 5th, 1948.

# COMMONWEALTH BUREAU OF PASTURES AND FIELD CROPS

CONSULTANT DIRECTOR: PROFESSOR T. J. JENKIN DIRECTOR: DR. R. O. WHYTE

In common with the other Bureaux of this organization, the Aberystwyth Bureau has now changed from an Imperial Bureau to a Commonwealth Bureau. During the past year steps have been taken to carry out the recommendations made by the Review Conference 1946 to which reference was made in the last report. In order to provide information on field crops, a new abstracting journal Field Crop Abstracts has now started publication and it appears that it will rapidly become a leading source of information on the cultivation and agricultural botany of all crops grown in field rotations.

During the year the Bureau has published its Bulletin 39 entitled "Fivehundred varieties of herbage and fodder plants." This publication will do much to draw attention to the situation regarding the naming and authentication of varieties of herbage and fodder plants. Many other bulletins and occasional publications are in preparation and will be completed as rapidly as possible in spite of the difficulties regarding staff, printing and paper.

The Director attended a meeting of the Food and Agriculture Organization of the United Nations in Washington, D.C., on April 19-24, when plans were made for the cataloguing and maintenance of named varieties of economic crops. It was agreed that the first crops to be dealt with would be wheat and rice. Subsequent to this meeting the Director spent one month in Canada visiting all the important Universities, Dominion Experimental Farms and other research centres.

#### EXTRA-MURAL STUDIES

DIRECTOR: SIR IFAN AB OWEN EDWARDS

It is gratifying to be able to record another year of progress in Adult Education in the College area resulting in a further comparative increase in the number of classes.

The agreement reached between us and Swansea College, by which we transferred our remaining portion of the industrial area of Carmarthenshire to Swansea, became operative at the beginning of the Session. By this transfer we lost eight classes, of which as many as four were Tutorial classes. It is greatly to Mr. Jeffreys Jones' credit that, notwithstanding this transfer, the number of classes in the remaining portion of the county actually exceeded the total of the previous year.

In addition, the agreement reached with the Workers Educational Association in Merioneth, by which we transferred all classes of twelve or fewer meetings to that Association, also began to operate at the beginning of the Session. The position in Merioneth now is that we only conduct the higher grades of classes and are dependent for these upon the Workers Educational Association. The natural result is a drop in the number of our classes in

that area from 22 last session to 9 this session.

Both these changes entail a reduction of 21 classes. If there had been no change in territory, therefore, our classes would have totalled 207, thus exceeding the 200 mark for the first time in the history of the Department. It seems, however, as far as numbers of classes are concerned, that we have almost, if not actually, reached the peak, especially as the future control of Adult Education seems uncertain.

During the past Session it has been suggested that some of our rural Tutorial Classes have not reached the standard that is expected of such classes. As a result, some of these Tutorial Classes have had to be reduced in status. The suitability of the Tutorial Class, a class designed for densely populated

rural areas, for the rural areas is open to question.

It will be noticed that the greatest percentage increase, however, is amongst the higher Tutorial Classes. Reduced to as few as 6 in 1943, there were as many as 39 in 1947-48. It may be wrong, however, to measure the qualitative increase in the classes in terms of the numbers of Tutorial Classes. It is impossible thus wise to assess the standards reached by the classes, for some Terminal Classes, which have met regularly annually, are doing even better work than some of our Tutorial Classes. The division of classes into Tutorial, Sessional, Terminal and Short Courses, may be useful for administrative purposes, but it is not a correct method of measuring standards of achievement. The task of the University is to introduce its own standards into all the classes of whatever length and to imbue them with the true University spirit of the search for truth. It is this intangible aim which has been, in continual endeavour, the target of this Department.

In considering our shorter classes and courses, it has been suggested that it would be better for the Local Education Authorities to be responsible for the more elementary classes, also that we should not in future conduct choral and orchestral classes in music and other similar semi-vocational

meetings.

The whole future administration of Adult Education seems to be under official review, and it is not impossible that the near future will bring a considerable change in the nature of the work of University Adult Education Departments.

It is undisputed, however, that the University has a definite function

in the field of Adult Education.

We are fortunate in that the College area differs somewhat from other Adult Education areas,—it is wholly rural, covering a very sparsely populated countryside. The problems are therefore simpler and more straightforward. Co-operation between the College and the statutory bodies is close and very cordial.

The Annual Rally was held in the month of May in the Examination Hall of the College. We had looked forward to an address by Mr. Alun Oldfield Davies. Illness, however, prevented his coming and Professor E. G. Bowen very generously filled the breach at short notice and delivered one of his characteristic and popular lectures, making the Rally a very successful event.

At the beginning of the Session, Mr. Brynmor Thomas commenced activities in the counties of Montgomery and Radnor. He has already settled down and the recovery in the number of classes in his counties has already begun. Mr. Jeffreys Jones resigned from his resident tutorship in Carmarthenshire towards the end of the winter session. It is to his credit that the number of classes in that county has increased from fifteen to fifty-three during his stay there. The corresponding increase in Pembrokeshire, where Mr. Hughes Lewis continues to be our resident tutor, is as much as from five classes to thirty-seven. We have, therefore, cause to be grateful to our resident tutors.

It may be remembered that during the war there existed an Aberystwyth Regional Committee for Adult Education in H.M. Forces. This Committee now does not meet and the main portion of its work has ceased but that part concerned with the teaching of English to the Poles still exists and during the past session arrangements have been made in co-operation with the military authorities to provide classes in English for the Poles at Aberporth and Aberaeron Camps. An application was received from an R.A.F. Unit in Surrey for a week's course for intending teachers serving in the R.A.F. and this was arranged in co-operation with the Department of Education of this College. We are grateful to Professor Idwal Jones and the other members of his Department for helping to make this course an outstanding success.

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\*A considerable portion of the industrial area of Eastern Carmarthenshire, which has hitherto belonged to this College, was transferred at the beginning of the Session to Swansea College. This year's small increase in the number of classes in the smaller area is therefore very satisfactory.

TThe reduction in the number of classes in the county of Merioneth is due to the agreement reached with the Workers Educational Association by which all our Merioneth classes of 12 or fewer meetings were transferred to the Association.

# DEPARTMENT OF EXTRA-MURAL STUDIES

# LIST OF CLASSES HELD DURING SESSION 1947-48

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Tutov		Mr. Saunders Lewis, M.A.	Mr. C. Flynn-Hughes, M.A., D.P.A. Mr. E. Lewis Jones, M.A., A.R.C.O. Rev. E. Gwyndaf Evaus, B.A.	Mr. Garfield H. Hughes, M.A.	Dr. J. R. Jones, M.A. Mr. Alun Davies, M.A.	Mr. E. Lewis Jones, M.A., A.R.C.O.	Mr. T. I. Jeffreys Jones, M.A., and and the Rev. J. S. Williams	Kev. J. Huw Francis, D.A. Rev. J. Huw Francis, B.A.	Mr. T. Llewelyn Davies, B.Sc. Mr. D. C. Roberts, M.A., B.Sc. Mr. W. I. Gravelle	Mr. E. Lewis Jones, M.A., A.R.C.O. Mr. T. I. Jeffreys Jones, M.A.	Rev. Oswald R. Davies, M.A., B.D. Rev. H. Islwyn Davies. B.A., Ph.D.
Subject	TUTORIAL	wdiganshire Aberystwyth (1st Year) Llenyddiaeth Gymraeg, 1890-1922 Aberystwyth (2) Social Economics.—Poverty, Unemployment,	Social Security, Social Insurance, Trade Unions and Wages Musical Appreciation Cerdd Dafod a Cherdd Dant	Llenyddiaeth Gymraeg—Y Cyfreithiau Cymreio a Rhyddiaith Fodern	Hanes Athroniaeth y Gorllewin (Y Groegiaid) Hanes Cymru yn y 18fed a'r 19eg Ganrif	Musical Appreciation	The Application of Political and Economic Theory	Cristnogaeth a Meddyleg Dysgeidiaeth y Proffwydi a Phroblemau Heddiw	Sociology	Musical Appreciation Musical Appreciation and Choral Singing Sociology	Sociology Formative Ideas in Contemporary Europe
Class		Cardiganshire Aberystwyth (1st Yean	Lampeter (2)	Pont-ar-Fynach (3)	Rhydypennau (1) Taliesin (1)	Carmarthenshive	Carmarthen (3)	Cwmbach (2) Efailwen (2)	Ffairfach $(1)$ Llandovery $(1)$	Llangadock (1) Llanbyyther (1) Beneder (1)	Fencauca (1) Pontwely (2) St. Clears (1)

Merioneth Aberdyfi (3) Barmouth (1)	Background to World Problems  Music	Mr. A. Ronald Pugh, B.A. Mrs. Ceridwen Lloyd Davies, B.Mus.	24	18	B.
Dinas Mawddwy (3)	Problemau Moesol mewn pertuynas a purob- blemau economaidd a chymdeithasol	Mr. Moelwyn I. Williams, M.A.	18	4:	×.
Dolgelley (1) Harlech (3)	Music Hanes Iwerddon	Mrs. K. M. Thomas, B.Mus. ', Mrs. R. O. Griffith, B.A.	18	12 29	_i ≽
Montgomeryshire Llanbrynmair (2) Llanfair Caereinion (2)	Hanes yr Eglwys: Y Beibl Welsh History in Outline	Rev. Robert Evans, B.A. Rev. R. S. Thomas, B.A.	18	15	¥. Ä.
Meifod (2) Welshpool (3)	The Inheritance of Physical and Mental Guarrities.  The Numbers and Qualities of Peoples.	Dr. E. E. Watkin, D.Sc. do.	18	18	ন্ন ন
Pembrokeshire Bwlchygroes (1)	Llenyddiaeth Gymraeg: Y Cynganeddion	Mr. W. R. Evans, B.A. Roy, J. F. Davies, B.A. and Mr.	18	19	W
Glandwr (3) Goodwick (2)	Hanes Cynru yn y 101eu a'i 1998 Ganni. Economics: Current Problems, Exchange,	D. Hughes Lewis, B.A.	18	26	· 
Haverfordwest (2)	Public Administration Problems of Government	Mr. W. Haydn Davies, M.A. Mr. D. Hughes Lewis, B.A.	2 2 2 4 4 4	12 15 8	म् मं म
Haverfordwest $(3)$ Milford Haven $(1)$	Biology in the Life of the Citizen Religion, Ethics and Social Science	Dr. Fercy A. Little, Fu.D. Rev. H. J. Flowers, B.A., B.D.	24	12	ां प्यं
Moylgrove (3)	Music: harmony and counterpoint	Mr. Andrew Williams, Likering, A.R.C.M.	18	12	B.
Narberth (2)	Background to Religious Literature: The New Testament	Rev. H. I. Flowers, B.A., B.D.	24	14	되
Tenby (2)	Literature and Society	Mr. D. Hughes Lewis, B.A.	24	18	T.
Radnovshive Llandrindod Wells (2)	Background to Post-War Problems		18	11	ъ
Rhayader (1)	Relgion and Society	Kev. Brynmor Williams M.A., B.D.		18	B.
Rhayader (3)	Social Psychology	Mr. Trevor O. Davies, M.A., B.Litt,	18	23	ਸ਼੍ਰੰ.

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Mr. Ieuan G. John, B.A., M.Sc. Mr. S. H. F. Johnston, M.A. Mr. W. R. Jones, M.A. Mr. W. J. Griffiths, B.A. Mr. Andrew Williams, L.R.A.M.,	A.K.C.M. Mr. T. C. Jones Mr. A. Ronald Pugh, B.A. Rev. T. O. Williams, M.A. do. Rev. Dewi Emrys James Mrs. Hubert Davies, B.A.,	L.K.A.M. Mr. W. J. Griffths, B.A. Mrs. Basil Williams, B.A. Rev. D. J. Roberts, B.A., B.D. Mrs. Basil Williams, B.A. Mr. Evan Jones Mr. Andrew Williams, L.R.A.M.,	A. K.C.M. Rev. Dewi Emrys James Mr. E. T. Rees Evans, B.Sc., M.R.C.V.S. Professor T. Jones Pierce, M.A. Mr. D. Alwyn Rees, M.A. Mr. R. O. Davies, M.Sc.	Rev. W. Lliedi Williams, M.A. Mr. W. Leslie Richards, M.A. Rev. B. N. Y. Vaughan, M.A. Rev. H. R. Charles, M.A. Rev. H. Islwyn Davies, B.A., Ph.D. Mr. T. I. Jeffreys Jones, M.A. Rev. H. R. Charles, M.A.
Soviet Foreign Policy Current Affairs Yr Artist a Chymdeithas Cerddoriaeth Music: Choral Singing	Cerddoriaeth Current Affairs Amlinelliad o Lenyddiaeth Cymru Problemau Heddiw Elfennau Llenyddiaeth Orchestral Music and its Appreciation	Cerddoriaeth Cerddoriaeth E)fennau Cymdeithasiaeth Cerddoriaeth Music	Bywyd Natur o'n Cwmpas Animal Health Hanes Cymru Daearyddiaeth Wleidyddol Gwyddor Gwlad	Hanes Gwareiddiad Amlinelliad o Lenyddiaeth Cymru The Bible in the Modern World Modern Wales: Its History—Social, Religious, Political and Industrial Doctrine of Man in English Literature Introduction to the Study of Social Institutions Modern Wales: Its History—Social, Religious, Political and Industrial
Aberystwyth Aberystwyth Blaenporth Brynherbert Cardigan	Ciliau Aeron Clarach Cwrtnewydd Felinfach Gorsgoch Lampeter	Llanddeiniol Llanfarian Llangrannog Llanon Pontrhydygroes Sarnau	Sarnau Talsarn Talybont Tregaron Ystumtuen	Carmarthenshire Alltwalis Capel Isaac Carmarthen Conwyl Elfed Coomb Coomb

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Subject	Drama Hanes a Llenyddiaeth Cymru A Background of Religious Knowledge Modern Wales: Its History—Social, Religious, Political and Industrial Current Affairs	Introduction to the Study of Social Institutions Cristnogaeth a Phroblem Cymdeithasol Hanes y Crefyddau Cefndir Hanesyddol Problemau Cydwladol Cyfoes Cefndir Crefyddol a Beiblaidd	English Poetry and Appreciation, mainly Lyrical Poetry Hanes Athrawiaeth Fodern (Descartes hyd	Hume) Hanes Ardudwy	Canu Penillion Hanes Gwareiddiad Cerdd Dant Canu Penillion Europe: Yesterday and to-day Political Philosophy International Relations Choral Music
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Pembrokeshire Boncath Carew Clynderwen	Crymych Fishguard Fishguard Goodwick Haverfordwest Letterston	Llanychlwydog Maenclochog Newport Neyland St. Dogmael's	Saundersfoot Solva	Radnovshive Hundred House	Cardiganshire Aberaeron Aberystwyth Borth Burth Bulchgroes Caerwedros Cross Inn Cwmystwyth Eglwysfach Glynarthen Horeb, Llandysul

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Subject	Music Cerdioriaeth Rural Science Music Problemau Heddiw Y Mawr a'r Bach yn y Cread Cerddoriaeth Astudiaeth Lenyddol o'r Beibl Cymraeg Hanes Cymru	Modern Problems  Music Economics: its application to rural occupations  Current Affairs Landmarks in the History of Education with special reference to Wales Economic Theory Science and Christianity Cerdd Dant Current Affairs Local Government Current Affairs Drama History of Music Dinasyddiaeth Hanes Cymru Llenyddiaeth Gymraeg y 18fed Ganrif Drama The Background of the New Testament
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Newtown Oaklev Park	British Constitutional History History of Comparative Religions	Mr. Brynmor Thomas, B.A. Rev. D. T. Davies	9	12	मं मं
Pontrobert	Animal Health	Mr. L. E. Hughes, M.R.C.V.S., D.V.S.M.	9	11	[T
Van	Canu Penillion	Mr. Ted Richards	6	15	M
Pembroheshire Clynderwen Dinas Cross Manorbier Milford Haven Mynachlogddu Pembroke Dock Pembroke Dock	Musical Appreciation Rural Science Dramatic Art Art and Mankind Hanes Cymru yn y 18fed a'r 19eg Ganrif Trade Unionism To-day Musical Appreciation The World we live on	Mr. W. E. Walters, Mus.Bac. Mr. D. Emrys Rees, B.Sc. Miss Madge Thompson Mr. A. Coleman Rev. J. E. Davies, B.A. Mr. D. Hughes Lewis, B.A. Mr. A. Coleman do.	9997499	16 113 12 12 12 12 12	ច្ <b>ង</b> ចុមុខ្មែ <u>ម</u>
Kangkton Knighton Knighton Llanhister	The English Novel Background to some Current Problems Current Problems	Mr. William Rees, B.A. Mr. J. H. Rowley, B.A. Mr. Brynmor Thomas, B.A.	6 6 5	22 16 10	म मं मं

# LIBRARIES

#### Mr. A. AP GWYNN

Because of the further increase in student numbers, the sessional report must of necessity record again overcrowding in the General and Science Libraries. Little improvement in this respect has been possible in either room. At the suggestion of the Students' Representative Council, and with the help of its members, evening opening of the General Library was extended. It is now open without break from 2 p.m. until 9.15 p.m. on four evenings each week. About forty readers each evening, on average, took advantage of this. Fluorescent lighting was substituted for the previous inadequate system and additional lighting points on the gallery have facilitated the readers' search for books there during the evening. A supervisors' desk at the door of the General Library, replacing the existing badly-sited desk, was almost completed during the Session. The advantages expected from the change are a reduced loss of books and some increase in accommodation for readers and books.

The Library Committee was glad to receive and consider suggestions from the Students' Representative Council for certain changes in the library service. As in the case of the extended evening opening, the suggestions were adopted where the Committee was satisfied that changes were desirable

and practicable.

There has been a stimprovement in the supply of books during the Session, but the time-last etween the ordering of books and their arrival is still evident, more particularly in the case of books most in demand. The supply of periodicals in general has improved considerably, although there is only a trickle of arrears of wartime German periodicals obtained through the Enemy Publications Committee. A few German journals have resumed publication and some numbers have been received, but the supply is irregular and costly. Twenty-five journals were added during the Session to the list of periodicals subscribed for. Three-hundred-and-eleven volumes were bound and the problem—primarily a financial one—of arrears of binding is being examined.

Miss E. M. Harris, Supervisor of the Science Library and Cataloguer, resigned in August, 1947, after twenty-four years of faithful service, to resume her original occupation, that of teaching. Miss M. C. Lewis, Library Assistant, resigned in June, 1948, to take up a library post elsewhere. The previous staff establishment has been raised and fresh appointments have been or

are shortly to be made to fill the vacancies.

During the 75th Anniversary Celebrations an exhibition of material in the Library relating to the history of the College was arranged in the Quadrangle. At the same time a gift of one hundred volumes from Yale University Library in memory of Edward Stephen Harkness, founder of the Pilgrim

Trust in this country, was shown.

Gifts were received from the British National Book Centre, London; the Dominion Bureau of Statistics, Canada; Carnegie Endowment for International Peace; Connecticut Academy of Arts and Sciences; Dr. Dan E. Davies, Machynlleth; Miss E. M. Harris; Harvard University; Mr. Sydney Herbert; Professor Gwyn Jones; Leeds University Library (136 vols. by exchange); the Sorbonne, Paris; Dr. A. B. Thomas, Aberystwyth; Professor R. F. Treharne; Yale University Library (100 vols.); and from 46 other persons and institutions.

Accessions up to 30th June, 1948, amounted to 1,437 (of which 45 were pamphlets and 17 University of Wales dissertations for higher degrees). Books borrowed from the General and Science Libraries by members of the College, past students, and external readers numbered 17,056. Books borrowed from other libraries directly or through the National Central Library, numbered

68, and 166 loans were made to other libraries.



#### HALLS OF RESIDENCE FOR WOMEN STUDENTS

MISS L. POWYS ROBERTS

The steady influx of women students continues, and the two Halls, as well as the Marine and Cleeve Hill hotels, have again been full. Labour difficulties still present the major problem—the decision of the Ministry of Food to grant extra rations to students provided a welcome, though small,

relief in the food situation.

No summer schools were held in the long vacation of 1947, which provided an opportunity for much-needed painting and repairs. During September Supplementary examination candidates were housed at Carpenter Hall, and Training Department students who returned early for school practice and certain Science students working on their theses found accommodation at Alexandra Hall. During the Easter vacation Scholarship candidates were accommodated at Carpenter Hall, and a ten day Ministry of Education Science Refresher Course was held at Alexandra Hall.

The health of the students has, on the whole, been very good.

#### HALL OF RESIDENCE FOR MEN STUDENTS

Mr. T. P. WILLIAMS

Plynlymon Hall began its second year with seventy-two students in residence. Among them were four freshmen and seven overseas students, the countries represented being India, Palestine, Egypt and Nigeria. All students have continued to show a keen interest in building up a Hostel tradition; on the sports side Plynlymon rugger, soccer, rowing and tabletennis teams are forces to be reckoned with.

Health has been excellent throughout the Session, only two students requiring hospital treatment. Our good fortune in this respect as in every other is due in no small measure to the devotion and enthusiasm of the Matron, Miss C. M. Macnab, who has grappled with her manifold responsibilities with unfailing success. We welcome on to the staff our new Assistant Matron, Mrs. G. A. Porter, and wish her continued happiness in Plynlymon. I have to thank the Assistant Warden, Mr. L. N. Wild, for his co-operation and help at all times.

### UNIVERSITY TRAINING CORPS (T.A.)

MAJOR S. H. F. JOHNSTON

During the year there occurred a fundamental change in the designation and status of the Contingent. On 1st April it became an integral part of the Territorial Army and its function has been brought into line with the new policy for military training as set out in the National Service Acts. Most of the year has been taken up with discussions with the War Office about the new organisation, which will not come into effective operation until next Session. Cadets will then be trained with a view to obtaining commissions in the Regular or Territorial Army and will be entitled to the full privileges of Territorial soldiers, including bounty.









