UNIVERSITY OF WOLLONGONG LIBRARY

ANNUAL REPORT

1986

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INTRODUCTION

Considerable progress was made in the provision of library and information services during 1986 despite the declining value of the book vote. Mr. J. H. Petrie resigned from the position of University Librarian in January and was succeeded by Mr. J. Shipp. The change of leadership was an opportunity to review management practices and objectives. A strategic plan was formulated by senior librarians to guide the development and provision of library services during the next few years. Considerable resources were directed toward strengthening the management skills of senior staff.

The major challenge of the year was the problem of continual decline in the purchasing power of the book vote. The cost of books and serials rose at a rate greater than the Consumer Price Index and the University was unable to provide total supplementation. Increases in enrolments and the diversification of courses placed further strains on funding. Virtually no research monographs were acquired as serial subscription costs consumed a greater percentage of available funding. Even with some supplementary funding, more than 300 serial titles were cancelled to stay within budget. This has affected the type of research projects which can be supported with local library resources.

Computerisation of bibliographic systems continued as a major activity throughout the year. Software acquired during 1984 was discarded as unsuitable. New software, developed by the Minnesota State University and the Sperry Corporation, was acquired and tested. The PALS system provides public access catalogue and circulation modules which are suitable for an academic library. The system has features which are not available in other systems operating in Australia. Serials and acquisitions software will be considered for implementation after 1987.

Construction of an extension to the Library building began in September. The extension and alterations to the existing building were designed to take account of new information technology. When completed at the end of 1987, the Library building will provide for collection growth over the next eight years. Seating for twelve hundred readers will be provided including space for one hundred computer terminals. The new building will contain improved accommodation for non-book materials and staff as well as an exhibition area.

Since mid-1982, the Library has Since mid-1982, the
Library has experienced a period of uncertainty which
contributed to a negative assessment of services.
Advances during the year have been substantial and will
help to nullify this perception. The library collection
of the Wollongong Institute of Education was recatalogued
and absorbed into the University Library collection. The
cataloguing backlog was reduced from a two year to a
three week delay and all monographs were included in the
automated catalogue.

These achievements were possible due to continued support
from the academic community particularly in the
allocation of a consistent percentage of recurrent
funding. More importantly, the achievements of the past
year have been the result of Library staff working as a
team determined to succeed despite the problems to be
faced.

John Shipp,
University Librarian.

TECHNICAL & CIRCULATION SERVICES

The management structure of the Technical and Circulation Services Division was completed by the addition, in February, of the Loans Department. This achieved the original aim of establishing the Division as the mechanism of coordinating and rationalizing all activities associated with the management of both the collection and the database.

Despite the lack of an automated circulation system and an overall growth in Library use, the new structure facilitated an increase in productivity and a more flexible approach to the work of the Division. It was particularly satisfying to complete the retrospective cataloguing of the former Wollongong Institute of Education collection which is now fully integrated with the main collection. As a result of this effort, the old card catalogue was sent to its final resting place accompanied by some pangs of loss on the part of its progenitors.

Implementation of the new structure also facilitated the extension of a more flexible approach to job design and work allocation which was introduced in 1985. Cataloguing staff assisted with circulation support tasks and staffed the loans desk on a regular basis. Towards the end of the year, Loans staff assisted with the identification and location of serial records to be retrospectively catalogued. Some tasks, notably that of shelving, were redesigned in consultation with the Safety Officer and the Personnel Officer. This was prompted by both the volume of work and by repetitive strain injury related problems.

Elimination of major backlogs in the Cataloguing Department meant that full records for previously completed original cataloguing could start being added to the national database, the Australian Bibliographic Network. Over one thousand worksheets have been keyed accumulating a credit which will partially offset the costs incurred in using the network.

Divisional staff were encouraged to undertake courses offered by the Equal Employment Opportunity Unit and the Personnel Services Division and many were enthusiastic participants.

Felicity McGregor,
Technical and Circulation Services Librarian.

ACQUISITIONS.

The Acquisitions Department is responsible for the ordering and receipt of monographs, serials and audiovisual materials. The Department ensures that the collection is responsive to user needs and that the bookvote is spent with the maximum cost effectiveness.

In 1986 the major problem for the Acquisitions Department was the continued devaluation of the Australian dollar and price increases in serials and monographs. As it was obvious that there would need to be further serials cancellations in 1986, it was decided that a serials use survey should be conducted in the first half of 1986 to identify little used titles. As a result of the survey, 247 titles were cancelled at a saving of approximately $40,000. The Deputy Vice-Chancellor approved a conditional supplementation of $50,000 to off-set the remaining serials deficit. This supplementation will reduce some of the pressures on the 1987 bookvote.

On the recommendation of the Library Committee, $5,000 was allocated to provide some new subscriptions for those departments with access to very few serials or to none at all. Thirty four new titles were ordered on behalf of the Department of Industrial & Administrative Studies, the Department of Human Movement and the Department of Management.

There were two major donations to the Library in 1986. The German Research Foundation donated $3,000 worth of biology books. They were presented to the Library by Frau Ursula Muller who is Vice-Consul for the Federal Republic of Germany in Sydney. Ms. Chloe Sampson donated a collection of books in Old English. The collection will complement items purchased by the Library for the Department of English.

Visits were received from representatives of major suppliers: Blackwells (Oxford), Blackwells North America, D.A., Academic Book Center, Faxon, Bennett- EBSCO, and All States Library Binding Services.

Jenny Ross,
Acting Acquisitions Librarian.

CATALOGUING

The Cataloguing Department continued to meet its objectives of processing all newly acquired material as quickly as possible and of improving the quality and accuracy of the database. Progress continued on providing machine readable records for all of the Library's holdings. The major achievement in this area was the completion of the retrospective cataloguing of the former Wollongong Institute of Education monograph collection. In addition, identification and retrospective cataloguing of serial records commenced and is due for completion in 1987.

A large amount of non-book items from the Institute of Education remain uncatalogued. The bulk of this material consists of music scores and sound recordings. After consultation with relevant academic staff, it was decided to catalogue music scores in 'genre' order instead of by composer. This will necessitate a gradual reprocessing of existing scores but the long term benefits for users of the music collection will be considerable.

Other projects commenced in 1986 included the addition of full original cataloguing records to the national database, the Australian Bibliographic Network. All records must be reviewed by a professional cataloguer and although this is a time consuming task, the benefits provided in the form of credits earned, and the improved quality of both the local and national databases, are substantial. Cataloguing of new material continued with a maximum elapsed time of three weeks from the date of accessioning.

General Library Assistants in the Cataloguing Department continued to assist with circulation duties and assumed the task of verifying simple subject and name authorities thus releasing cataloguers for more professional tasks. Some assistance was also provided to Interlibrary Loans and to reader assistance.

Sharat Arora,
Chief Cataloguer.

LOANS

The Loans Department continued to provide an efficient and responsive service in spite of an overall growth in Library use. This included a 12% increase in loans from the main collection and an increase of 24% in Reserve Collection loans. There was a 10% increase in people entering the Library and the extra numbers were particularly noticeable in the early evening and on Sundays necessitating the employment of extra student assistants during those periods.

Circulation duties were redistributed amongst existing staff so that all staff were involved in shelving. The shelving staff were instructed in desk procedures and became part of the team staffing the loans and reserve desks. This greater flexibility, combined with assistance from other Divisional staff, enabled the Loans Department to maintain a rapid rate of returning books to the shelves, to maintain all other services and, moreover, to acquire new skills to assist with the work of other sections during vacations. Some procedures, such as the production of loan cards and the dismantling of Reserve, were simplified in preparation for the implementation of the automated circulation system.

In an attempt to encourage the return of 'lost' library books, replacement charges were increased to $50 and a $10 administrative fee was also introduced. Reserve fines were increased to $4 per hour.

The demand on the photocopying service continued to increase and although the Resource Card service has streamlined the administration of copying charges, the total service may need to be reviewed in 1987. The number of copies made increased by 35% over 1985 usage. Two new staff copiers were installed and one new machine was acquired for student use.

Felicity McGregor,
Technical and Circulation Services Librarian.

READER SERVICES

Changes in the management structure of the Library resulted in a reduction in the size of the Reader Services Department. Departmental staff continued to be responsible for the loans function of an evening and weekend but administrative responsibility for loans was transferred to the Technical and Circulation Services Division. The Department now concentrates on the provision of information services. These include reference, reader education and interlibrary loan services as well as responsibility for non-book collections.

READER ASSISTANCE

Reader assistance services in 1986 were provided by a professional staff of 7 Librarians and 2 Library Assistants. Services included informing users of the extent of resources available to them, explaining the organisation and arrangement of the collection and providing instruction in the use of the catalogues.

Throughout the year reader assistance services were used extensively. Each year the growth in student population places a heavier load on staff at the reference desk particularly of an evening and weekend. A marked increase in the number of students enrolled in Creative Arts courses resulted in a much greater demand for non-book items, particularly musical scores and records.

The most positive aspect of our work was the noticeable improvement in communications with the growing population of Asian students using the Library. A continuing problem, however, is the need for all students to attend Orientation tours of the Library, so that the demand for directional assistance and individual reference instruction is minimised.

Gwen McLellan
Reader Assistance Librarian

READER EDUCATION

A tour and general introduction to the library for new students formed part of the general introduction to the university offered by the University's counselling service. This programme was presented in the week preceding the start of first session. External students enrolled in the bridging course in education were given assistance during their orientation week-ends. Guided tours were available for all students in the first week of session.

The growth in student numbers and the diversity of new courses on offer at the university required that all Reader Services staff were involved in tutorials for 100 level students. Specialized tutorial classes were held on a subject basis for 200 and 300 level undergraduate courses. Honours students in Psychology, and masters students in Management and Social and Technological Change were given intensive instruction in the materials relating to their study areas.

Special classes were developed for two new groups of students. These included 26 students from the special admissions programme and students from the Aboriginal Education Unit. As part of the academic staff induction programme, groups of new staff members were introduced to the library and its services.

Other visitors included large numbers of Year 12 students on Schools Day. Many of these students indicated that they intended to proceed to tertiary studies in 1987. On University Open Day, a large number of visitors from the local community were welcomed to the Library.

Joan Phillips,
Acting Reader Education Librarian.

ON-LINE SEARCHES

The number of searches increased slightly from 69 in 1985
to 83 in 1986.   The total amount of time spent on-line
increased   from   25.34   hours   to   33.41   hours.   This
represents a low use of on-line databases in comparison
with other Australian universities.

To encourage the use of on-line databases, only the
database costs (connect time and prints) are passed on to
the end user. As the cost of communication increase, it
may be necessary to change this policy. Nevertheless,
mechanisms are being investigated which will encourage
the use of the databases by postgraduate students.

The devaluation of the Australian dollar against U.S.
currency, resulted in AUSINET searches being popular.
They increased from 9 in 1985 to 27 in 1986, while use of
Dialog dropped from 60 to 47 searches.

The library joined the Australian Medline Network in the
middle of 1986, and 9 searches were made between
September and the end of the year.   Use of Medline
resulted in a considerable saving over the cost of
performing the same searches on Dialog.

In October, the modem was upgraded from 300 bps to 1,200
bps, with a resultant reduction in on-line time. This
enabled costs to be reduced slightly. As the changeover
was made late in the year, the effects should be more
apparent in 1987.

Mary Tow
Faculties and On-line Searches Librarian

INTERLIBRARY LOANS

The Inter-Library Loans section attempts to obtain required publications for staff and students (with approval from an academic staff member) which are not held by this library. Items from our collection, which are required by other libraries, are despatched through the Interlibrary Loans Office.

A total of 4,743 items were requested from other libraries in 1986, and 92% of these requests were satisfied. Other libraries requested 4,051 items from the University Library and we were able to supply 78%.
The volume of work has increased over the 1985 figures. Requests from our users increased by 7.5%, from 4,414 to 4,743, and there was a 32% increase in the requests we received from other libraries, from 3,061 to 4,051. This dramatic increase was due to the continued addition of our holdings to the Australian Bibliographic Network.

Gay Antonopoulos,
InterLibrary Loans Librarian.

NON-BOOK COLLECTIONS

This collection includes audio-visual materials, such as video recordings, sound recordings, slides, music scores, maps and some microforms. During 1986 there was significant growth in the music scores and video recordings collections.

The non-book collection was one of the first sections to be affected by the construction works associated with the extension to the Library building. Parts of the collection were moved to temporary locations and access was restricted. Fortunately, spacious provision will be made in the new building to permit the development of the collections. In preparation, a new microfilm reader-printer and two microfilm reader machines were purchased.

To assist students to access the Library's holdings of motion pictures and video recordings, a comprehensive list of titles was compiled. This list complements the bibliographic records for each item which are included in the on-line catalogue.

Keith Gaymer,
Non-Book Librarian.

COMPUTER SYSTEMS

There were no major changes or problems with locally developed software. The most heavily used software was acquisitions with the on-line catalogue index a close second. Most use of the index was made by library staff but there was a growth in the use of the index by academic staff using terminals located in other buildings on campus.

Since 1984, the Library had been testing software which operates on an IBM system 38 computer. Problems were encountered adapting this software to suit the needs of an academic library. In April, a decision was made to terminate the contract for BOOK software, and to investigate software which would operate on the University's UNIVAC computer.

The software chosen was PALS which had been developed for the Minnesota State University system. An early release of the software was tested and appeared to have potential. The Library Automation Committee decided to proceed with implementation despite the lack of other sites in Australia.

A project team was established in July and was given the tasks of identifying local software requirements, implementing the PALS software and testing it for functionality. A great deal of work was done to get PALS to run in an Australian environment. This included negotiations with the National Library to convert our AUSMARC3 database to USMARC. It is planned to have the OPAC available for general use by the beginning of February 1987. Circulation software will be in use for the start of first session 1987.

Marilyn Edmond,
Systems Librarian.

CURRICULUM RESOURCES CENTRE

The Curriculum Resources Centre is basically a laboratory servicing the needs of the staff and students involved in teacher education. It provides support for the study of all curriculum areas and access to a wide range of teaching resource materials and the facilities for their use and creation. The Centre is used increasingly by staff and students from other faculties.

The growth in the use of the Centre continued through 1986 and at times all seating was occupied with students sitting on the floor. The reserve collection was very heavily used and the loan statistics increased by 25%.

Due to the complexity and nature of most of the collection, reader assistance continued at a high level. Students were encouraged to use the Centre to support both their study and practical teaching requirements. Classes were given to all first year Education and Diploma of Education students. There was a considerable increase in the use of video material.

Equipment
The microcomputers were upgraded and a wide range of commercial educational software was added to the collection. A complete set of Public Domain software for Apple microcomputers was acquired from the NSW Computer Education Group. Photocopying facilities were upgraded and two extra machines were added. New audio-visual equipment purchased included a VHS video recorder and a compact disc player.

Ashton Scholastic Book Club
The club was formed in conjunction with Ms. J. Turbull and students from the Faculty of Education. The development of the Club will provide students with experience in running an activity which is very common in schools. It will enable them to buy children's literature and professional books at discount prices, and increase their knowledge of children's literature.

A number of displays were mounted during the year. Most related to activities within the Faculty of Education. Various publishers displayed materials and microcomputer software.

Bibliographic Access

A quick and efficient system was developed for processing
and providing access to curriculum documents. This is a
simplified version of the system used at the Curriculum
Resources and Research Centre at the University of
Newcastle. Cataloguing of most materials continued to be
done through the CLANN network.

Rosemarie Dowe,
Curriculum Resources Librarian.

ARCHIVES

Throughout 1986, the resources of the University Archives
were restricted to the maintenance of basic services.
The appointment of the Archivist to the position of
University Librarian, and a delay in filling the vacancy,
meant a complete cessation of procedural work.

Active solicitation of research records was not possible
but additions to the collection were received from
several agencies including WIN TV. No major research
projects were undertaken using material from the
Archives. Many of the researchers who used the Archives
were members of the local community. Most of the
community researchers pursued genealogical or local
history topics. The deposit of NSW Archives Authority
material on microfilm continued and was heavily used.

The use of University records was confined mainly to
student and staff records. A smaller number of files
were retrieved for the Finance Office and for academic
departments. Included in the records transferred from
University departments were records from the Wollongong
Institute of Education.

John Shipp,
University Librarian.

STAFF DEVELOPMENT

The University has grown substantially over the past few years. This has had effects on all areas particularly on staff. Not only have staff numbers not increased commensurate with the growth in student numbers, but staff have been required to adapt to new methods of work. Attention was given to providing staff development activities which would help to alleviate the stresses placed on staff by rapid change.

Many of the staff development activities were presented through the Personnel Services Branch or through the Equal Employment Opportunity Unit. A considerable number of activities, however, were developed from within the Library specifically for Library staff.

Seminar on Repetitive Strain Injury

All staff attended a two hour seminar designed to provide information on the nature of repetitive strain injuries and possible means of prevention. The seminar was organised and presented by the Technical & Circulation Services Librarian in conjunction with the Safety Officer.

Seminar on the Book Trade

All Library and academic staff were invited to attend this seminar. The guest speaker was Richard Anderson who is the Director of Australian and New Zealand Library Services which forms part of the Blackwells Group. Topics covered included reasons for delays in supplying monographs, the problem of serial costs, and the possibilities of electronic publishing.

Fire Safety

In association with the University's Safety Officer, a session on fire hazards and safety was held for all Library staff. Members of the NSW Fire Brigade addressed staff members on the problems associated with high-rise buildings and showed a graphic film to reinforce their message.

STAFF ACTIVITIES

Janet Bitter
* Computer Awareness Seminar : 2 June

Wendy Barratt
* Visit to book supplier, Bennets : 25 June

Liz Brand
* Position application and interview skills workshop :
  24 June

Lois De Graaff
* LAA Acquisitions Section meeting on Booknet : 19 March
* LAA Acquisitions Section seminar on Booknet : 21 May
* Visit to book supplier, Bennets : 25 June
* Staff development leave to visit book suppliers,
  Blackwells and John Menzies, while on leave in England
  : 24 to 26 November

Lorraine Denny
* Computer Awareness Seminar : 2 June

Rosemarie Dowe
* Effectiveness for supervisors workshop : 27-28 October

Marilyn Edmond
* Secondment to the Office of Library Cooperation :
  1 April to 9 May
* Position application and interview skills workshop :
  24 July
* OPAC standards workshop : 29 August
* Selection techniques workshop : 13 - 14 August

Raji George
* Stress Management, five session held between 16 May and
  13 June
* Development leave to visit universities in USA - 10
  days between 4 August and 3 October

Kay Harney
* Computer Awareness Seminar : 2 June

Rod Higham
* NSW ABN Users' Meeting : 23 January, 17 March

Ruth Lotze
* Visit to Macquarie University Library : 6 March
* Visit to ANU Library : 20 March

Felicity McGregor
* AIMA Management Review and Update Institute :
  11-14 March
* Selection Techniques Workshop : 13 - 14 August
* Seminar on Performance Appraisal and Counselling
  organised by the Australian Institute of Tertiary
  Educational Administrators : 13 - 14 October
* Effectiveness for Supervisors workshop :
  27 - 28 October

Carolyn Norris
* Information Online 86 Conference : 22 January

Marion Pain
* Position application and interview skills workshop :
  24 June

Jenny Ross
* Information Online 86 Conference : 20 January
* LAA Acquisitions Section meeting on Booknet : 19 March
* Stress management, five sessions held between 16 May
  and 13 June
* LAA Acquisitions Section seminar on Booknet : 21 May
* Visit to book supplier, Bennets : 25 June

John Shipp
* Information Online 86 Conference : 21 January
* Development leave to visit libraries in USA and to
  attend management skills institute : March/April
* Library Association Conference, Darwin : 27 June to 4
  July
* meetings of Office of Library Cooperation
* meetings of NSW State Committee, Australian Advisory
  Council on Bibliographic Services

Mary Tow
* Visit to Macquarie University Library : 6 March
* Visit to ANU Library : 20 March
* Workshop on the use of microcomputers to access remote
  databases : 28 May
* Seminar on using EMBASE database : 18 June

Maria Vandenbrink
* LAA Acquisitions Section meeting on Booknet : 19 March
* LAA Acquisitions Section seminar on Booknet : 21 May
* Visit to book supplier, Bennets : 25 June

Ellie Van Leeuwen
* LAA Acquisitions Section meeting on Booknet : 19 March
* Stress management five sessions held between 16 May and
  13 June
* LAA Acquisitions Section seminar on Booknet : 21 May
* Visit to book supplier, Bennets : 25 June

STAFF MEMBERS

ADMINISTRATION

University Librarian
Howard Petrie BSc, MSc, M.Inf.Sc   [to April 1986]
John Shipp BA, Dip Ed, Dip Arch Admin [from July 1986]

Secretary
Wendy Shoulder

Administrative Assistant
Kevin Knox   [to April 1986]
Janet Barnes   [from July 1986]

TECHNICAL AND CIRCULATION SERVICES DIVISION

Technical and Circulation Services Librarian
Felicity McGregor BA, Dip Lib, ALAA

Acting Acquisitions Librarian
Jenny Ross BA, ALAA

Chief Cataloguer
Sharat Arora MA, MLS, Dip Lib Sc, Dip Russian

Loans Librarian
vacant

Acquisitions
Helen Andrews
Wendy Barratt BA, ALAA
Janet Bitter
Cheryl Brindle-Jones
Jan Fletcher BA
Lois de Graaff BA, ALAA
Kay Harney BA
Anne McMahon
Carolyn Norris BA, ALAA
Gianna Provenzano
William Trueman
Ellice Van Leeuwen
Maria Vandenbrink BA

Cataloguing
Gwen Dent
Jane Ferguson   BA
Hanif Haniffa   BA, Dip Lib, ALAA
Rod Higham   BA
Josephine Jordan
Alva O'Keeffe
Sheree Pupovac   ALAA
Rita Rando   BA, Dip Ed
Leonie Ross
Karen Samways
Saad Sefein   BA, ALAA
Denise Stevens   BA, ALAA

Loans
Liz Brand
Dianne DeFaveri
Gayle DeFaveri
Lorraine Denny
Jane Lepp
Ted Mitchell
Annette Moon
Marion Pain
Norbert Pauly
Suzanne Seider   BA, Dip Ed, ALAA
Bernadette Stephens

READER SERVICES

Reader Services Librarian
Ruth Lotze   BA, ALAA

Faculties and Online Searches Librarian
Mary Tow   BA, ALAA

Reader Education Librarian
Meg Dains   MA, ALAA

Reader Assistance
Deirdre Jewell   BA, Dip Lib
Gwen McLellan   BA, BEd, ALAA

Reader Education
Joan Phillips   BA, ALAA

Interlibrary Loans
Gay Antonopoulos   BA, ALAA
Raji George   BA
June Sassall
Nina Pierro

Non-Book Materials
Keith Gaymer   BA, Dip Lib, ALAA

CURRICULUM RESOURCES

Curriculum Resources Librarian
Rosemarie Dowe BA, Dip Lib, ALAA

Nell Beilby

ARCHIVES

Archivist
vacant

SYSTEMS

Systems Librarian
Marilyn Edmond BA, ALAA

STATISTICS

BOOK STOCK

	1984	1985	1986
Monographs (a)	208,683	227,988	246,091
Serials	95,195	99,706	103,498
WIE monographs (b)	18,709	15,135	-
Total	**322,584**	**342,829**	**349,589**

Notes:
a   Includes monographs in microform.
b   As monographs from the former Wollongong Institute of Education were recatalogued, they were included in monographs total. The number of volumes in the collection was estimated to be 25,000 in 1982.

LOANS

	1984	1985	1986
Monographs			
undergraduate	121,187	124,699	140,470
postgraduate	12,186	11,221	12,079
staff	12,168	12,828	14,411
Serials	6,261	6,630	6,827
Total	**151,802**	**155,378**	**173,787**
Reserve Collection	85,163	95,546	110,429
Entry gate count	552,361	575,935	630,957

INTERLIBRARY LOANS

	1984	1985	1986
Sent	1,954	2,389	3,178
Received	3,435	3,886	4,478

CATALOGUING	1984	1985	1986
New titles	13,411	14,178	7,440
Additional titles	1,718	1,553	1,671
Retrospective	1,735	3,574	8,992
Serial titles	662	345	1,248
Non-book titles	424	1,066	620
Total	**17,949**	**20,716**	**19,971**

ACQUISITIONS

Monographs

orders placed	10,594	10,105	6,611

Items received (net)			
New titles	10,097	9,521	6,271
Add copies purchased	757	584	340
Add copies donated	903	2,059	139
Audio cassettes	49	52	5
Compact discs	0	0	4
Disc (software)	1	1	4
Kits	7	4	0
Maps	12	480	18
Microfiche	557	1,558	597
Microfilms	144	12	14
Motion films	2	0	0
Records (phonodiscs)	30	24	9
Sheet music	1	48	27
Transparencies (slides)	805	264	60
Transparencies	100	50	0
Videos	26	0	46
Sky Atlas	0	58	50

Serials			
Bound volumes (net)	10,245	4,407	4,514
Microfiche	380	0	0
Microfilms	86	89	3

Note: Bound volume figure for 1984 includes 6,600 volumes
      donated by the Linnean Society of NSW.

CURRICULUM RESOURCES CENTRE

Cataloguing	1984	1985	1986
Monographs			
New titles	3,492	728	844
Add copies	304	244	183
Titles not in CLANN	582	913	701
Non-book materials	147	73	364
Total	4525	1958	2092

Loans			
General collection			
Students	13,383	14,849	15,595
Staff	6,675	7,587	7,506
Reserve Collection	5,305	10,939	13,825
Total	25,363	33,475	36,926