



National Research Foundation

INVITATION TO QUOTE/BID (SBD 1)

YOU ARE HEREBY INVITED TO BID FOR THE FOLLOWING SPECIFIED SUPPLY REQUIREMENTS

BID NUMBER:	NRF/CORP FIN/03/27/2014-15	CLOSING DATE:	31 October 2014	CLOSING TIME	11:00
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BID DESCRIPTION

THE APPOINTMENT OF A SERVICE PROVIDER FOR THE VALUATION OF HERITAGE ASSETS

Preferential Procurement System applicable (points for price : points for procurement preference): **80:20**

Validity period from date of closure: **150** days

QUOTATIONS EITHER PHYSICALLY OR BY COURIER OR EMAIL (PDF FORMAT ONLY)

CSIR Campus, South Gate
Meiring Naude Road
Brummeria
or
anneline@nrf.ac.za

ENVELOPE ADDRESSING:

ADDRESSED to Ms Anneline Smith,
Manager Financial Accounting
Bid Number and Name, Postal Address,
Contact Name, Telephone Number and
email address on the envelope

Emailed PDF file name format is "Bid
Number / Supplier Name"

Bidders are required to deliver Bids to the correct address timeously. The NRF does not consider late bid responses.

Bidders submit their bid response on the official forms in this invitation (not to be re-typed) with additional information supplied on attached supporting schedules. Word version is available on request.

This Bid is subject to the Preferential Procurement Policy Framework Act and its 2011 Regulations, includes the General Conditions of Contract (NRF website) and Conditions of Contract as stipulated in this bid invitation.

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE DIRECTED TO:

Contact Person	Ms Lindiwe Nkwe	
SCM:	Email:	Lindiwe.nkwe@nrf.ac.za
Contact Person:	Ms Anneline Smith	
TECHNICAL:	Tel:	012 481 4284
	Email:	anneline@nrf.ac.za
Contact Person:	Mr Vincent Spannenberg	
iThemba LABS:	Tel:	021 843 1014
	Email:	vspannen@tlabs.ac.za
Contact Person:	Ms Linda Coetzee	
SAIAB:	Tel:	046 603 5801
	Email:	L.Coetzee@saiab.ac.za
Contact Person:	Mr Eugene Lakey	
SAAO:	Tel:	021 447 0025
	Email:	epl@sao.ac.za

NAME OF BIDDER

REPRESENTED BY

POSTAL ADDRESS

PHYSICAL ADDRESS

TELEPHONE NUMBER CODE NUMBER

CELL PHONE NUMBER CODE NUMBER

FACSIMILE NUMBER CODE NUMBER

E-MAIL ADDRESS

VAT REGISTRATION NUMBER

COMPANY REGISTRATION NUMBER

DESCRIBE PRINCIPAL BUSINESS ACTIVITIES:

TYPE OF COMPANY/FIRM [Tick applicable box]

Partnership/Joint Venture/Consortium	<input type="checkbox"/>	One person business/sole proprietor	<input type="checkbox"/>
Close Corporation	<input type="checkbox"/>	Company	<input type="checkbox"/>
(Pty) Limited	<input type="checkbox"/>	Other	<input type="checkbox"/>

COMPANY CLASSIFICATION [Tick applicable box]

Manufacturer	<input type="checkbox"/>	Supplier	<input type="checkbox"/>
Professional Service Provider	<input type="checkbox"/>	Other service providers e.g. transporter, etc.	<input type="checkbox"/>

Has an original and valid tax clearance certificate been submitted? [Tick Applicable Box]	Yes
	No

Has a Preference Claim form (SBD6.1) claiming your Preference Points been submitted (a B-BBEE status level verification certificate must support preference points claimed) [Tick Applicable Box]	Yes
	No

If Yes, who was the B-BBEE certificate issued by: [Tick Applicable Box] An accounting officer as contemplated in the Close Corporation Act (CCA) A verification agency accredited by the South African Accreditation System (SANAS) A registered auditor	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

Are you the accredited representative in South Africa for the services offered? If Yes, please enclose proof.	Yes
	No
	N/A

<u>RETURNABLE DOCUMENTS:</u> This request document signed Proposal supporting schedules Registration with professional association Original Tax certificate BBEE certificate Project plan Team structure Team CV'S	Yes
	No
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

1. Background to the National Research Foundation

The National Research Foundation (“NRF”) is a juristic person established in terms of Section 2 of the National Research Foundation Act, Act 23 of 1998, and a Schedule 3A Public Entity in terms of the Public Finance Management Act. The NRF is the government’s national agency responsible for promoting and supporting research and human capital development through funding, the provision of National Research Facilities and science outreach platforms and programs to the broader community in all fields of science and technology, including natural science, engineering, social science, and humanities.

2. Context

The NRF must comply with Generally Recognised Accounting Practice (GRAP) and consequently with GRAP 103 – Heritage Assets. The NRF consists of 9 decentralised business units. The NRF is going through the process of identifying possible heritage assets. The following assets have been identified as possible heritage assets. There is a huge variety of different kinds of assets. Assets identified to date are:

- Sellschop collection – Includes scientific artefacts, certificates, pictures, files and a collection of 259 books (refer Annexure 1 and 2).
- A national collection of museum specimens comprising about 70,000 fish and other aquatic organisms such as amphibians, cephalopods and diatoms. There is also a molecular tissue bank of aquatic samples for genetic analysis and a dry collection of fish skeletons and otoliths (refer Annexure 5).
- Images collection, which includes between 5,000 and 6,000 original paintings, drawings, photographs and slides (refer Annexure 5).
- Rare books and museum artefacts, which includes 206 items built up in the 1950’s by Professor JLB Smith. The earliest publication dates back to 1546, but most are from the 18th and 19th centuries (refer Annexure 4).
- Furniture, clocks and other miscellaneous museum items (refer Annexure 3).

At this stage none of the above-mentioned heritage assets have been measured, thus no process of attaching values to it has commenced.

3. Scope of Supply

We are calling for quotations from suitably capacitated and experienced service providers to value the identified heritage assets of the NRF as per the attached lists (Annexures 1 to 5) based on industry norms and standards to ensure compliance with GRAP 103. The identified assets are situated at the following regional offices:

- Sellschop collection - iThemba Laboratory for Accelerator Based Sciences (iThemba LABS) in Stellenbosch (refer Annexures 1 and 2)
- Furniture, clocks and other miscellaneous museum items - South African Astronomical

Observatory (SAAO) in Observatory, Cape Town (refer Annexure 3)

- Specimen and images collection as well as rare books and museum artefacts - South African Institute for Aquatic Biodiversity (SAIAB) in Grahamstown (refer Annexure 4 and 5).

Prospective service providers should respond to the valuation of some or all of the identified assets, depending on their individual area of expertise. Each category of assets to be valued is to be quoted on separately. Each of the 5 annexures can be regarded as a category.

Prospective service providers should indicate if any part of their proposal will be outsourced to a third party. If so, the third party profile and terms and conditions between the provider and third party are to be attached.

A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.

A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

The final consolidated report of all the assets, listed with their respective values, must be made available to the NRF project manager by 31 January 2015.

4. Selection and Awarding of Contract

This Bid is evaluated through a two-stage process.

4.1. Stage 1 – Selection of Qualified Bidders

The bid response/submission is evaluated against the specifications in accordance to evaluation criteria and the scoring set published in this Invitation.

4.2. Stage 2 – Awarding of the Contract

The financial proposal is evaluated on a fair and equal comparison basis taking into account all aspects of the proposals.

The contract award criteria are:

Price - with the lowest priced Bid **on an equal and fair comparison basis** receiving the highest price score as set out in the Preferential Procurement Policy 2011 Regulations.

Preference - preference points as claimed in the preference claim form (SBD6.1) added to the price ranking scores and the highest combined score is nominated for the contract award.

Administration - Contracts awarded where Bidders have supplied the relevant administrative documentation, especially the Tax Certificate.

5. Specification

5.1. Services Required

- Individual valuations, i.e. the fair value of identified assets as per the attached lists (Annexures 1 to 5) in accordance with the requirements of Generally Recognised Accounting Practice (GRAP) 103 – Heritage assets as at 31 January 2015.
- List specific assets for which a fair value cannot be determined as well as reasons why it cannot be determined.
- Indication of valuation technique used for individual assets valued.
- It is required to travel to the different locations in order to perform the valuations of the assets.

5.2. Output Required

- A comprehensive consolidated report, including the approach and methodology used in the valuation as well as the values of each identified asset, by 31 January 2015.
- All outputs and data to be in hard copy and in electronic format (Microsoft Word/Excel and/or PDF).

5.3. Evidence of Supply Capacity and Capability

- Bidders are required to provide a comprehensive proposal for evaluation of their capacity to supply the required professional service including the proposed project team, qualifications and experience per team member.
- Bidders should detail their technical skills relating to the valuation of heritage assets by providing sufficient and clear evidence of their skill sets to enable the successful execution of this type of valuation.
- Bidders are required to provide three (3) written references from previous clients in which the clients declare the following:

<u>Criteria</u>	<u>Below Expectations</u>	<u>Meets Expectations</u>	<u>Above Expectations</u>
Professionalism			
Project planning and adherence thereto			
Satisfaction with the work done			
Overall Impression (i.e. would use again)			

6. Qualifying Thresholds for Selection (Stage 1) Evaluation

The maximum score for the bid is 100% and the minimum threshold is 75%, therefore only bidders who score 75% and above will qualify for evaluation of price and BEE points.

7. Stage 1 - Selection on Specifications, Capabilities and Capacities

SELECTION CRITERIA					
NO.	ELEMENT				WEIGHT
1	Evaluate the experience detailed in the services proposal with regards to the valuation of heritage/similar assets as set out in section 5.				40%
	0=No experience and less than 2 years	1=three years with limited experience	2=three years and adequate experience	3=three years and excellent experience	4=4 years or more and excellent experience
2	Evaluation of proposed team composition and competency.				20%
	0=Structure not strong and insufficient competency	1=Structure strong and competence poor in terms of experience and knowledge	2=Structure strong and competence reasonable with sufficient experience	3=Structure strong and competence strong and good experience in services required	4=Structure strong and competence strong and excellent experience in services required
3	Evaluation of registration at a relevant professional body				5%
	0=Not relevant	1=Relevant and expired	2=Relevant and not at a professional level	3=Relevant and at a professional level	4=Relevant and at senior professional level
4	Evaluate the project plan and timelines for meeting the specified deadline				20%
	0=Unachievable	1=Poorly planned	2=Well planned	3=Excellent planned	4=Excellent planned with safety / slack provided
5	Scrutinise references provided for proof of capacity and capability in delivering the output required.				5%
	0=None	1=Poor	2=Well planned	3=Excellent	4=Excellent with good project management
6	Evaluate the proposal for the quality of the understanding of GRAP 103.				10%
	0=No understanding	1=Poor understanding	2=Medium understanding	3=Good understanding	4=Excellent understanding

8. Contract Management

The award of this contract to the selected supply provider establishes the contract between the NRF and the appointed supply provider. This bid is in accordance with the General Conditions of Contract (GCC)

issued by National Treasury. As stated in the GCC the NRF without prejudice to its other remedies under the contract, will deduct from the contract price as a penalty a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each of the delay until actual delivery or performance. Failure to comply with the contractual obligations might also lead to the bidder being restricted for a period to be determined by NRF.

9. Contract Period

The contract will commence with immediate effect upon the signing of the Contract Form (SBD7.1) and will continue for two years.

10. Supply Performance Verification

NRF representative verifies the outputs required at the agreed delivery dates. A certificate of satisfaction is signed and delivered to the bidder for each delivery.

11. Payment

The bidder forwards the certificate of satisfaction with the invoice to the NRF. The NRF undertakes to pay such verified invoices in full within thirty (30) days from date of receipt.

No invoice for outstanding deliverables or for any unproductive or duplicated time spent by the service provider is paid. The NRF does not accept predated invoices.

12. Pricing Schedule for the Duration of the Contract

(Standard Bidding Document 3.1 and 3.3)

NOTE Only firm prices accepted. The price quoted is fully inclusive of all costs and taxes. No changes, extensions, or additional ad hoc costs are accepted once the contract has been signed.				
Detailed information is optional and provided as annexures to the details provided below.				
Bid price in South African currency, foreign exchange risk is for the account of the Bidder.				
Pricing is subject to the addition of Preference Points as stipulated in the section below - Standard Bidding Document 6.1 Preference claim form				
OFFER TO BE VALID FOR		150 days	FROM CLOSING DATE OF BID.	
ITEM NO	QUANTITY (unit of measure)	DESCRIPTION OF SERVICES	RATE/UNIT PRICE (per unit of measure)	QUOTE PRICE
1		Valuation of assets listed in Annexure 1		
2		Valuation of assets listed in Annexure 2		
3		Valuation of assets listed in Annexure 3		
4		Valuation of assets listed in Annexure 4		

5		Valuation of assets listed in Annexure 5		
		TOTAL		
B-BBEE STATUS LEVEL OF CONTRIBUTION (Per SBD 6.1 below)			Level	Preference Points Claimed
Are detailed price schedules attached?			Yes	No
Does the offer comply with the specification(s)?			Yes	No
If the offer does not comply to specification, indicate deviation(s) in a separate attached schedule.				

13. PREFERENCE POINTS CLAIMED (STANDARD BIDDING DOCUMENT 6.1)

In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points are awarded to a Bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor per B-BBEE Certificate	Number of points per system		B-BBEE Status Level of Contributor per B-BBEE Certificate	Number of points per system	
		80/20			80/20
1		20	6		6
2		18	7		4
3		16	8		2
4		12	0		0
5		8			

B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF THE ABOVE TABLE:

Level	=	80:20	
	=		

(Points claimed substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).

I/we, the undersigned, who is/are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contribution of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I/we acknowledge that:

- i. The information furnished is true and correct;
- ii. The preference points claimed are in accordance with the General Conditions as indicated in Paragraph 1 of this form.
- iii. In the event of a contract being awarded as a result of points claimed as shown above, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

- iv. If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
- a) Disqualify the Bidder from the bidding process;
 - b) Recover costs, losses or damages it has incurred or suffered as a result of that Bidder's conduct;
 - c) Cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - d) Restrict the Bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding ten (10) years, after the audi alteram partem (hear the other side) rule has been applied; and forward the matter for criminal prosecution

14. SUB-CONTRACTING (STANDARD BIDDING DOCUMENT 6.1)

Will any portion of the contract be sub-contracted?		Yes	No
If Yes, indicate:			
(i)	What percentage of the contract will be subcontracted?	%	
(ii)	The name of the sub-contractor?		
(iii)	The B-BBEE status level of the sub-contractor?		
(iv)	Whether the sub-contractor is an EME?	Yes	No

I/we, the undersigned, who is/are duly authorised to do so on behalf of the company/firm, certify that the information is true and correct and I/we acknowledge that:

- i. A Bidder will not be awarded points for B-BBEE status level if it is indicated in the Bid documents that such a Bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a Bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- ii. A Bidder awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the Bidder concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

15. Conditions of Contract

- a) NATIONAL TREASURY GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract, as issued by National Treasury, are part of this contractual agreement and are available on the NRF Website (www.nrf.ac.za. Click on "Procurement").

b) CLAUSES IN THIS BID INVITATION CONDITIONS OF CONTRACT

All clauses stipulated in this invitation form part of the Conditions of Contract applying to this document.

c) BID RESPONSE PREPARATION COSTS

The NRF is **NOT** liable for any costs incurred by a bidder in the process of responding to this Bid, including on-site presentations and the proposal a service provider may make and/or submit.

d) CANCELLATION PRIOR TO AWARDING

The NRF has the right to withdraw and cancel the Bid.

e) LATE BIDS.

Bids submitted after the stipulated closing date (and time) is not considered.

f) COLLUSION, FRAUD AND CORRUPTION

Any effort by Bidder/s to influence Bid evaluation, Bid comparisons or Bid award decisions in any manner may result in the rejection of the Bid concerned.

g) CONFIDENTIALITY

The successful Bidder agrees to sign a general confidentiality agreement with the NRF.

h) VALIDATION OF SUBMITTED DOCUMENTATION

The NRF has the right to have any documentation submitted by the Bidders inspected by another technical body or organisation.

i) PRESENTATIONS AND PROOF OF FUNCTIONALITY

The NRF has the right to call interviews/presentations/pitching sessions as well as proof of functionality sessions with short-listed service providers before the final selection.

j) INFORMATION PROVIDED IN THE BID INVITATION

All information contained in this document is solely for the purposes of assisting Bidders to prepare their Bids. Any use of the information contained herein for other purpose than those stated in this document is prohibited.

k) INTELLECTUAL PROPERTY PROVIDED IN THE BID INVITATION

The ownership and intellectual property rights of all designs, specifications, programming code and all other documentation provided by the NRF to the Bidder, both successful and unsuccessful, remain the property of the NRF

I) INTELLECTUAL PROPERTY CONTAINED IN THE DELIVERABLES

The ownership and intellectual property rights of all designs, specifications, programming code and all other documentation required as part of the delivery to the NRF reside with the NRF.

16. DECLARATION OF INTEREST (SBD 4)

Any legal person, including persons employed by the State¹, or persons having a kinship with persons employed by the State, including a blood relationship, may make an offer or offers in terms of this invitation to Bid (includes an advertised competitive Bid, a limited Bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting Bid, or part thereof, be awarded to persons employed by the State, or to persons connected with or related to them, it is required that the Bidder or his/her authorised representative, declare his/her position in relation to the evaluating/adjudicating authority where:

- The Bidder is employed by the State; and/or
- The legal person on whose behalf the Bidding Document is signed, has a relationship with persons/s person who is/are involved in the evaluation and or adjudication of the Bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and/or adjudication of the Bid.

In order to give effect to the above, the following questionnaire must be completed and submitted with this Bid:

- Full Name of Bidder or his/her representative
- Identity Number:
- Position occupied in the Company (director, trustee, shareholder², member):
- Registration number of company, enterprise, close corporation, partnership agreement or trust:
- Tax Reference Number:
- VAT Registration Number:
- The names of all directors/trustees/shareholders/members, their individual identity numbers, tax reference numbers and, if applicable, employee/PERSAL numbers must be indicated in a separate schedule including the following questions:

	Schedule attached with the above details for all directors/members/shareholders	Yes	No
•	Are you or any person connected with the Bidder presently employed by the state? If so, furnish the following particulars in an attached schedule:	Yes	No
	Name of person/ director/ trustee/ shareholder/member:		

	Name of state institution at which you or the person connected to the Bidder is employed	
	Position occupied in the state institution	
	Any other particulars:	
<ul style="list-style-type: none"> If you are presently employed by the State, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? If Yes, did you attach proof of such authority to the Bid document? If No, furnish reasons for non-submission of such proof as an attached schedule (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the Bid.) 	Yes	No
<ul style="list-style-type: none"> Did you or your spouse or any of the company's directors/ trustees /shareholders /members or their spouses conduct business with the State in the previous twelve months? If so, furnish particulars as an attached schedule: 	Yes	No
<ul style="list-style-type: none"> Do you, or any person connected with the Bidder, have any relationship (family, friend, other) with a person employed by the State and who may be involved with the evaluation and or adjudication of this Bid? If so, furnish particulars as an attached schedule. 	Yes	No
<ul style="list-style-type: none"> Are you, or any person connected with the Bidder, aware of any relationship (family, friend, other) between any other Bidder and any person employed by the State who may be involved with the evaluation and or adjudication of this Bid? If so, furnish particulars as an attached schedule: 	Yes	No
<ul style="list-style-type: none"> Do you or any of the directors/ trustees/ shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract? If so, furnish particulars as an attached schedule: 	Yes	No

17. DECLARATION OF BIDDER'S PAST SCM PRACTICES (SBD 8)

<ul style="list-style-type: none"> Is the Bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? If Yes, furnish particulars as an attached schedule: 	Yes	No
<ul style="list-style-type: none"> Is the Bidder or any of its directors listed on the Register for Tender Defaulters in terms of Section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? If Yes, furnish particulars as an attached schedule: 	Yes	No
<ul style="list-style-type: none"> Was the Bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years? If Yes, furnish particulars as an attached schedule: 	Yes	No
<ul style="list-style-type: none"> Was any contract between the Bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract? If Yes, furnish particulars as an attached schedule: 	Yes	No

The Database of Restricted Suppliers and Register for Tender Defaulters resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.

18. CERTIFICATE OF INDEPENDENT BID DETERMINATION (SBD 9)

I, the undersigned, in submitting this Bid in response to the invitation for the Bid made by the NATIONAL RESEARCH FOUNDATION, do hereby make the following statements that I certify to be true and complete in every respect:

• I have read and I understand the contents of this Certificate;	Yes	No
• I understand that the Bid will be disqualified if this Certificate is found not to be true and complete in every respect;	Yes	No
• I am authorised by the Bidder to sign this Certificate, and to submit the Bid, on behalf of the Bidder;	Yes	No
• Each person whose signature appears on the Bid has been authorised by the Bidder to determine the terms of, and to sign, the Bid on behalf of the Bidder;	Yes	No

For the purposes of this Certificate and the accompanying Bid, I understand that the word "competitor" shall include any individual or organisation, other than the Bidder, whether or not affiliated with the Bidder, who:

- a) Has been requested to submit a Bid in response to this Bid invitation;
- b) Could potentially submit a Bid in response to this Bid invitation, based on their qualifications, abilities or experience; and
- c) Provides the same goods and services as the Bidder and/or is in the same line of business as the Bidder

The Bidder has arrived at the accompanying Bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

In particular, without limiting the generality of paragraphs above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

- a) Prices;
- b) Geographical area where product or service will be rendered (market allocation);
- c) Methods, factors or formulas used to calculate prices;
- d) The intention or decision to submit or not to submit, a Bid;
- e) The submission of a Bid which does not meet the specifications and conditions of the Bid; or
- f) Bidding with the intention not to win the Bid.

In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this Bid invitation relates.

The terms of this Bid have not been, and will not be, disclosed by the Bidder, directly or indirectly, to any competitor, prior to the date and time of the official Bid opening or of the awarding of the contract.

I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to Bids and contracts, Bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of Section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

19. CONTRACT FORM - (SBD 1)

I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to the **NATIONAL RESEARCH FOUNDATION** in accordance with the requirements and specifications stipulated in this Bid document at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of Bid.

The following documents are deemed to form and be read and construed as part of this agreement even where integrated in this document:

Invitation to Bid (SBD1)	Technical Specification(s);
Bidder's responses to technical specifications, capability requirements and capacity as attached to this document	
Pricing Schedule(s) (SBD3);	Tax Clearance Certificate
Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011 (SBD6.1);	
Declaration of Interest (SBD4);	Declaration of Bidder's past SCM practices (SBD8);
Certificate of Independent Bid Determination (SBD9)	General Conditions of Contract

I confirm that I have satisfied myself as to the correctness and validity of my Bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.

I declare that I have had no participation in any collusive practices with any Bidder or any other person regarding this or any other Bid.

I certify that the information furnished in these declarations (SBD4, SBD6.1, SBD 6.2 where applicable, SBD8, SBD9) is correct and I accept that the NRF may reject the Bid or act against me should these declarations prove to be false.

I confirm that I am duly authorised to sign this contract.

NAME (PRINT)	
CAPACITY	
SIGNATURE	
NAME OF FIRM	
DATE	

WITNESSES	
1	_____
2	_____
Date	_____

Annexure 1 - Sellschop Collection: Artifacts, Pictures and Files

Artifacts

1. Periphide wood
2. Wits conglomerate stone – small
3. Soft toy – frog
4. Model H Van der Graff accelerator
5. Hard safety hat
6. Wits conglomerate stone – medium
7. Volt multi meter
8. 5 wine glasses with Wits emblem
9. one whisky class
10. Wooden pen stand with pen
11. Small wooden box with 3D rectangular diamond model
12. Sand rose from Iuderite conference
13. Polished section sample for analysis in the accelerator
14. Video reel,
15. Isotopic pure C13 powder “graphite”
16. Quartz crystal X 2
17. Pattern in Perspective in acceleration X 2
18. Oval painted stones X2
19. Penthogram
20. Kramer’s woordentolk (dictionary)
21. Gold & Silver medal in box
22. Wooden medal from United States Navy
23. Wooden Medal from Ion Beam Conference 1995
24. Wooden Medal 1997
25. Glass model of a diamond, Briston 1989
26. Fossils in a box
27. Lead pot
28. Gold bearing conglomerate from Wits mine
29. Neutrino experiment Roll 1
30. Safety film

Certificates Framed

1. Honorary Doctorate from University of Frankfurt
2. SAIP certificate 1990
3. PHD certificate from Wits
4. Order of the Baobab 2002
5. Certificate from Alexander Von Humboldt Stiftung 1992
6. South African Mechanical Engineers
7. Geological society of South Africa 1984

8. ASSAF membership certificate 2000
9. South African Council for Natural Sciences 1982
10. American Nuclear Society
11. Honorary Doctorate from University of Stellenbosch
12. Doctor Scientiae from University of Pretoria
13. AS&TS National award 1993
14. SAIP membership certificate 1998
15. Honorary Doctor of Science University of Cape Town 1995

Framed Pictures

1. Merensky Instituut vir fisika 1952
2. St John Gate , Cambridge
3. Sellschop and colleague
4. Group photo – International Conference on Moun Science, 2008 (laminated photo)
5. Sellschop and board members
6. Sellschop drinking tea with students/colleagues
7. Sellschop receiving the Order of the Baobab
8. Sellschop in the data acquisition room with colleagues
9. Students on the kitchen entrance of the Schonland building
10. Graduation photo
11. Close shot ID photo – large

Files

1. Scientific correspondence
2. SAIP council files X 2
3. Personal files X3
4. Papers and speeches X 12
5. Diamond lectures X3
6. Nuclear physics matters
7. Science society X 82

Annexure 2 - Sellschop Collection Books

CatTitle	CatAuthor	CatCallNumb	CatCorporat	CatSubtitle	CatEditio	CatPublisher	CatDateP	CatSeries	CatNotes	CatISBN	CatLocation	CatSu	CatPlace	CatPhysDesc	ItemBarCc
The geology of South Africa.	Corstophine G.S					MacMillan & Co	1901		Includes index		Gauteng/SELL		London	xvi,394p.;ill.	10236
The Metallurgy of Gold.	Kirker, Rose (Translator); Roberts, Austen. Sir.(ed.)					Charles Griffin & Company	1906	Griffins Met	Includes index		Gauteng/SELL		London	xiii, 53p.;ill.	10235
Elementary experimental chemistry	Dunstan A.E					Mathuen & Co.	1912				Gauteng/SELL		London	viii, 48p.:ill.	10266
The geology of sools and substrata	Horace B,Woodward F.R.S, F.G.S					Edward Arnold	1912	with special	Includes index		Gauteng/SELL		London	xvi,366p,ill	10310
Die beutfchen Diamanten und ihre sewinnung						Dietrich reimer	1914				Gauteng/SELL		Beling	95p.	10123
The nature and properties of soil	Lyon,Lyttleton T, Buckman Harry O					The MacMillan	1922	A college te	Includes index		Gauteng/SELL		New York	v,588p ill	10333
Calculus for schools	Fowdry, R.C					Edward Arnaold & Co	1923				Gauteng/SELL		London	viii, 300p.	10272
Introductory course in differential equations	Muway Daniel, A					Longmans Green & Co.	1924		Includes index		Gauteng/SELL		London	xvi,236p.	10273
An introduction to the stronger system of au	Hawison H.H					Longmans Green&CO	1924		Includes index		Gauteng/SELL		London	146p,ill	10338
South African Geology	Schwartz E.H.L					Blackie&Son	1925				Gauteng/SELL		London	vi ,200p	10314
The study of Rocks	Shand S.J					Thomas Murby&CO	1931				Gauteng/SELL		london	xi,224p	10313
A text book for phycs.	Grimsehl, E; Tomaschek,(ed.)R & Woodward, L.A.(Translator)					Blackie & Son	1932	Mechanics	Includes index		Gauteng/SELL		London	xii, 433p.	10228
A text book for phycs.	Grmsehl, E ; Tamascheck, R (ed); Deans, Winifred. M. (translator)					Blackie & Son	1933	Optics. Vol.I'	Includes index		Gauteng/SELL		London		10230
A text book for phycs.	Grmsehl, E ; Tamascheck, R (ed); Deans, Winifred. M. (translator)					Blackie & Son	1933	Heat and so	Includes index		Gauteng/SELL		London	xi,; 312p.	10229
A text book on heat	Barton, A.W.					Longmans Green & Co.	1933		Includes Index		Gauteng/SELL		London	378p.:ill.	10270
Prospecting for minerals	Cox Herbert S					Charles Griffins&Company	1934	A practical handbook for prospect			Gauteng/SELL		Johannesbu	xi 20p ill	10315
A text book for phycs.	Grimsehl, E; Tomaschek, R & Woodward, L.A.					Blackie & Son	1935	Physics of th	Includes index		Gauteng/SELL		London	xiii ; 474p.	10231
Measurement in Radio Engineering	Terman, Frederick Enimos					McGraw-Hill	1935		Includes index		Gauteng/SELL		New York	x,400p.	10324
Admiralty handbook of wireless telegraphy (Vol II)						Majesty's stationery office	1938	Wireless tele	Includes index		Gauteng/SELL		London	ill.	10275
Admiralty handbook of wireless telegraphy (Vol I)						Magnety's stationery offoce	1938	Magnetism :	Includes index		Gauteng/SELL		London	442p.	10274
Minerals and microscope	Smith, H.G.					Thomas Murby & Co	1940		Includes index		Gauteng/SELL		London	xiii,130p.:ill	10321
The Radiotron	Smith, Langfind				3rd ed	The wireless Press	1945	Designer's H	Includes index		Gauteng/SELL		U.S.A	iv,352p,ill	10337
Principles of Rader			M.I.T Radar school staff		2nd.	McGraw-Hill	1946		Includes index		Gauteng/SELL		New York	iil.	10326
The radio amateur's handbook			The headquarters staff of tl		23rd	The American Radion Relay League	1946	The standar	Includes index		Gauteng/SELL		U.S.A	468p,ill	10341
Electrons in Action	Dount J.G					Sigma	1946		Includes index		Gauteng/SELL			151p,ill	10074
Die Universitent van Stellenbosh.	Rubbi-Lesing oor wiskunde 1947					Universsitent van Stellenbosh	1947				Gauteng/SELL		Cape Town	121p	10377
Radio engineering	Terman Frederick Emmons					McGraw-Hill	1947		Includes index		Gauteng/SELL		New York	xiv,969p	10340
The mysterious oniverse	Jeans James Sir					The university Press	1948		Includes index		Gauteng/SELL		Cambridge	viii, 142p,ill	10359
Radia data Charts	Beatty R T, Sowerby J.					Iliffe & Sons LTD	1949	A series of forth-three abacs provi			Gauteng/SELL		London	91p.:ill.	10278
Through space & time	Jeans,James Sir					University Press	1949		Includes index		Gauteng/SELL		Cambridge	xiv, 224p.:ill.	10320
Science in South Africa						Council for scientific and industrial research	1949				Gauteng/SELL		Pretoria	176p,ill	10369
The nature of the universe	Hoyle, Fried					Basil Blockwell	1950		Includes index		Gauteng/SELL		Oxford	v,12p.;ill.	10234
RCA Receiving tube			Tube Department of radio corporatio			Radio corpration of America	1950		Includes index		Gauteng/SELL		Hawison	320p,ill	10334
Mathematics of relativity	Rainich G.Y					John Wiley & sons	1950		Includes index		Gauteng/SELL		New York	vii,173p	10348
Out of my later years	Einstein,Albert					Thames and hudson	1950				Gauteng/SELL		London	viii,282p	10046
Classical Mechinics	Rutherford, D. E					Oliver & Boyd	1951		Includes Index		Gauteng/SELL		Edinburg	viii, 200p.	10271
British Scientists	Holmyard E.J					J.M Dent & sons LTD	1951				Gauteng/SELL		London	viii,88p,ill	10072
Where two words meet	Findlay,Arthur					Psychic Press	1951	Conversations between this word&the next,nineteen verbal			Gauteng/SELL		London	624p	10128
The restless Universe	Born Max					Dover Publications	1951				Gauteng/SELL			315p,ill	10093
Theoretical petrology	Barth Tom					John Wiley& sons	1952	A textbook c	Includes index		Gauteng/SELL		New York	vii 387p	10339
Principles of Geochemistry	Mason Brian				2nd	John Wiley & sons	1952	A thorough :	Includes Index		Gauteng/SELL		New York	vii,310p	10347
Reading from the scientists	Mason Edward J					MacMillan & co LTD	1952	An anthology			Gauteng/SELL		London	x,308p	10063
Worlds in collision	Velikovsky,Immanuel				8th editic	Victor Gollancz LTD	1952	The book ab	Includes index		Gauteng/SELL		London	384p	10084
The universe and Dr Einstein	Barnee Lincoln				4th ed	Victor Gollancz LTD	1953		Includes index		Gauteng/SELL		London	112p,ill	10071
Nature and the greeks	Schrodinger Erwin					University Press	1954				Gauteng/SELL		Cambridge	97p	10316
Frontiers of astronomy	Holey, Fred					William Heineman	1955		Includes index		Gauteng/SELL		London	xvi, 360p.	10254
Niels Bahr and the development of physics	Paul, W(editor),Rosenfeid L,Weisskopf					Pergamon Press	1955	Essay dedicated to Neils Bohr on t			Gauteng/SELL		London	vii,195p	10021

Atoms in the family	Fermi,Laura	George Allen & Union LTD	1955	My life with Enrice Fermi,designer	Gauteng/SELL	London	284p	10044
The evolution of igenous rocks	Bowen, N.L.	Dover Publications Inc.	1956	Includes index	Gauteng/SELL	Geolo New York		10223
Selcted papers on quantun electrodyamics.	Schwinger, Julian (ed)		1958		Gauteng/SELL	New York	xvii, 424p.	10237
Transistor fundamentals and applications	Lenz, W.W.; Cook W.W.	Rca service Company	1958		Gauteng/SELL	Camden	43p.	10279
Physics & Philosophy	Heisenberg	Harrper & Row	1958	The revolution in modern science	Gauteng/SELL		10p.	10076
The cosmic radiation	Hooper J.E,Scharff M	Methuen & co. LTD	1958	Includes index(mono)	Gauteng/SELL	London	172p	10062
Wisdom of the west	Russell, Bertrand and Foulkes, Paul (ed.)	Macdonald	1959	Includes index	Gauteng/SELL	London	320p.:ill.	10282
Turning points in physics	Stoyle Brin R.J, Temple G,Haar Ter D,Warsman F,Mendelsson K,W	North-Holland publishing company	1959	A series of lectures gnew at Oxford	Gauteng/SELL	Amsterdam	192p	10067
The mineral resources of the union of South Africa		4th ed The mineral resources of the union of South A	1959	Geological s	Includes index	Pretoria	622p	10121
Physics		Physical Science study committee	1960	Includes index	Gauteng/SELL	Boston	viii, 656p.:ill.	10222
Comparative effects of radiation.	Burton, Milton; Kirby-smith John S & Magee John ed.	John wiley & Sons	1960	Report of co	Includes index	Gauteng/SELL	New York	xx,426p.
Igneous and metamorphic petrology	Turnar Francis J. Verhoogen John	2nd McGraw-Hill Book CO	1960	Includes index	Gauteng/SELL	New York	ix,694p	10358
Scientific Explanation	Braithwaite,Richard Bevan	Harper&Row	1960	A study of th	Includes index	Gauteng/SELL	London	x,374p
The philosophy of science	Toulmin Stephen	Harper & Row	1960	An introduct	Includes index	Gauteng/SELL	New York	176p
The production of liquid nitrogen from atmo	Ster,J.V.D	2nd ed. Technische hogeschool Delft	1960				91p,ill	10132
Mullard reference manual of transistor circuits		2nd editiMullard	1961	Includes index	Gauteng/SELL	London	xii,308p	10330
The use of semiconductor devices		2nd The electronic value & semiconduction	1961	Includes index	Gauteng/SELL	London		10335
Modern scientist at work		George G.Harrap	1961	Williams-Elli	Incudes index	Gauteng/SELL	London	155p
Biography of physics	Gamow George	Harper & Row	1961	Includes index	Gauteng/SELL	New York	viii,338p	10080
The world of roses	Park Bertram	E.P. Dutton & Company	1962		Gauteng/SELL	New York		10281
The outline of music	Sargent,Malcd Sr(editor)	Newne's	1962		Gauteng/SELL	London	x 506p	10327
Netherlands Research Guide		Netherlands Insyitute for documentation & fil	1963	A guide to c	Includes index	Gauteng/SELL	The Hague	1999p,ill
An introduction to radiactivity	Jenkin, Eric Neil	Butterworths & Company	1964	Includes index	Gauteng/SELL	London	vii.; 193p.	10227
The structure and properties of materials Vo	Moffat William G, Pearsall George W, Wulff John	John wiley & Sons	1964	Structure	Includes index	Gauteng/SELL	New York	vii, 236p.
The structure of properties of materials	Brophy Jere H, Rose Robert M, Wulff John	John wiley & Sons	1964	Thermodyn	Includes index	Gauteng/SELL	New York	x,216p.
Sampling notes		Tektronix	1964		Gauteng/SELL	U.S.A	12p	10360
The science of science	Goldshith Maurice (ed),Mackay Alan(ed)	Souvenir Press	1964	Society in th	J.D Bernal This collect	Gauteng/SELL	London	235p
Local atomic arrangement studied by x-ray diffraction		Gordon and breach	1965	Metallurgical Society conferences,	Gauteng/SELL	New York	381p	10224
The complete imber 8	Ray, Cyril (ed.), Hasler, Charles	john Harvey & sons LTD	1965	An entertain	Includes index	Gauteng/SELL	London	224p.ill.
Science and Human values	Bronowski,J	Harper Torenbook	1965			New York	119p,ill	10111
New extragalactic perspectives in the new Sc	Block, David ; Greenberg, Moyo (ed.)	Kluwer Academic	1966		8E+08	Gauteng/SELL	Dordrecht	xx, 625p.ill.
An introduction to crystal Chemistry	Evan, R.C.	University Press	1966	Includes index	Gauteng/SELL	Cambridge	xii,410p.	10263
X-Ray and Newtron Diffraction	Bacon, G E	Pergamon Press	1966	Includes index	Gauteng/SELL	Oxford	x, 368p.	10265
Solid state and semi conductor physics	Mckelvey, John P.	Harper & Row	1966	Includes index	Gauteng/SELL	New York	xii,521p.	10295
Education and the South African economy		Witwatersraand	1966	The 1961 Education Panel second	Gauteng/SELL	Johannesbu	xiii,151p	10352
The listry of the poliomyelitis	Gear James H.S	Poliomyelitis Research Foundation	1966		0-620-2C	Gauteng/SELL	Rivonia	vii,223p
The art of research	Noltingk,B.E	Elsevier Puldishing	1966	A guidefor the graduate	Gauteng/SELL	Amsterdam	142p,ill	10058
An authology of Philips Research(1961-1966)	Casimir H.B.G(ed),Gradstern S(ed)	N.V. Phillip Goeilampenfabenfabrieken	1966			Netherland	469p,ill	10100
A practical approach to transistor and vacum	Beckelt F.Y	Tektronix	1967		Gauteng/SELL	U.S.A	7p.	10361
A practical approach to transistor and vaccum	Beckett F.J	Tektronix	1967	Part3: A DC Analysis of a typical te	Gauteng/SELL	U.S.A	7p.	10362
Practical approach to Transistor and vacum t	Beckett F.J	Tektronix	1967	The vaccum tube amplifier part2	Gauteng/SELL	U.S.A	7p.	10363
Selected papers of George Hevesy	Hevesy George	Pergamon	1967		Gauteng/SELL	Oxford	ix,447p	10031
An outline of crystal morphology	Bishop A.C	Hutchinson scientific & Technical	1967	Includes ind	09-0794	Gauteng/SELL	london	314p
Theory of crystal dislocations	Nabowo,F.R.N	Clarendon Press	1967	Includes index		Oxford	xvii,821p,ill	10125
The politics of pure science	Greenberg Daniel S.	An Nal Book	1967	An inquiry ir	Includes index	New York		10087
Elementary Science of metals	Martin J W	wykeham Publications	1968	Includes index	Gauteng/SELL	London	xii, ;135p.	10253
An introduction to the meaning and structur	Cooper, Leon N	Harper & Row	1968	Includes index	Gauteng/SELL	New York	xi, 746p.ill.	10382
The design and construction of small vacuun	Green,Geoffrey,W	Champion and hall	1968		Gauteng/SELL	London	ix 181p	10332
Three-Particle scattering in quantum mechin	Gillespre J,Nuttal J(ed),	W.A Beyamin inc	1968	Proceedings of the texas A&M co	Gauteng/SELL	New York	viii,54p	10353
Materials of high vacuum technology,vol2	Eape,Wener Dr	Pergaman Press	1968	Silicates	Includes index	Gauteng/SELL	Oxford	222p,ill

Materials of high vacuum technology vol 3	Espe werner		Pergamon	1968	Auxiliary ma	Includes notes	Gauteng/SELL	Oxford	xix	10355
The double Helix	Watson James D		Weidenfeld and NICOLSON	1968	A person acc	Portions of t 297-760	Gauteng/SELL	London	xvi,226p	10016
Neutron Physics Vol 2	Bacon, G E		wykeham Publications	1969			Gauteng/SELL	London	xi, 143p.:ill	10255
Essentials of meterology Vol. 3	McIntosh, D.H. ;Thomas, A. S.		wykeham Publications	1969		Includes Index	Gauteng/SELL	London	xv, 239p.	10256
Nuclear Fuson	Hulm, H R; Collieu, McB A.		wykeham Publications	1969		Includes Index	Gauteng/SELL	London	vii, 155p.	10257
Relativity and high energy physics	Rosser W.G.V and McCulloch R.K.		wykeham Publications	1969		Includes Index	Gauteng/SELL	London	xi,148p.	10258
Professor H.B. Thom	Kotze D.J Redaksie(voorsitter),Booyens Bun(ondervoositte),Oostf		Universiteit van Stellenbosh	1969			Gauteng/SELL	Uitgegeee	157p	10053
Diamond	Bruton, Eric	2nd. Ed.	Chilton book Company	1970		Includes ind	7E+08 Gauteng/SELL	Randor	xiv,532p.:ill.	10114
Diamond	Bruton, Eric	2nd. Ed.	Chilton book Company	1970		Includes ind	7E+08 Gauteng/SELL	Randor	xiv,532p.:ill.	10105
Da Universidade	Simatho Verga Jose		Lourenco Marques	1970		Includes index	Gauteng/SELL		263p	10350
A guide-book to mathematics	Bronshtein I N, Semendyayev K.A. (Jan Jaworoski/Blecchar, Mich		Verlag Harri Deutsh	1971		Includes ind	4E+09 Gauteng/SELL	Frankfurt	783p.	10226
Modern Physics	Caro,D.E,McDonell J.A, Spicer B.M	2nd editi	Edward Arnold	1971	An introduction to atomi	0-7131-2	Gauteng/SELL		221p,ill	10370
50 Years of progress(1922-1972)		Jubilee Committee of the University c	The Golden Jubilee	1972			Gauteng/SELL	Johannesburg		10383
Physics in perspective Vol 1		Physics survey committee	National Academy of sciences	1972		Includes ind	3E+08 Gauteng/SELL	Washington	xixi,106p.	10298
Rutherford collections of the cambridge day	Oliphant Mark		Elsevier	1972			0-444-4C Gauteng/SELL	Amsterdam	xi,158p,ill	10029
Symposium on granites, gneisses and relatec	Lister, L A (ed.0		Council for Geoscience	1973			Gauteng/SELL	Johannesbu	509p. lii.	10221
Welhelm Conrad Roentgen 1845-1923	Hermann,Armin,Steller Enest,Winua Rolf		Heinz Moos Verlag	1973		Translated from the C	Gauteng/SELL	Munich	71p,ill	10026
Atoms and the universe	Jones G.O,Rotblat J,Whitrow G.J	3rd Rev (i	Penguing Books	1973		Includes ind	0-14-02- Gauteng/SELL	Harmondsw	xxvii,324p,ill	10065
An elementary course of infinitesimal calcul	Lamb, Horace, Sir		University Press	1974		Includes index	Gauteng/SELL	Cambridge	xiv, 530p.	10232
The open university in South Africa and academic freedom 1957-1974	The academic freedom committees o		Juta&CO	1974			0-7021-C Gauteng/SELL	Johannesbu	x 49p	10328
Elements of classical thermody namics for ac	Pippard, A.B.		University Press	1975		Includes index	Gauteng/SELL	Cambridge	vii, 165p.	10252
Physics and chemistry of the earth vol 9	Ahrens L.H(ed),\Erlank A.J(ed),Dawson J.B(ed),Duncan A.R(ed)		Pergramon Press	1975		Includes ind	0-08-01E Gauteng/SELL	Oxford	xiii,940p	10345
Resources of South African Today and Tomoi	Baker, Graham (ed)		Associated Scientific & Tchnical Sositeties of SA	1976	Proceeings of a conferen	6E+08	Gauteng/SELL	Johannesbu	xiv, 403p.	10240
Cape furniture	Atmore, M.G		Howard Timmis	1976		Includes ind	9E+08 Gauteng/SELL	Cape Town	264p.	10294
Werner Heisenberg 1901-1976	Hermann,Armin		Born-Bad Godesberg	1976			Gauteng/SELL	Reinberk	146p	10043
Sample preparation in liquid scintilation cou	Peng, C.T.		Radiochemical Centre	1977		Includes index	Gauteng/SELL	England	112p.	10251
The physics of the semi-conductor devices	Fraser, D.A		Clarendon Press	1977		Includes Ind	2E+08 Gauteng/SELL	Oxford	ix,148p.	10259
South Africa - one nation.			Wits University	1977	Senate, special lectures 1977		Gauteng/SELL	Johannesburg		10292
Orderinnng phenomena at free and liquid cov	Hursmsn, Wilem Jan			1977			9E+09 Gauteng/SELL		146p.	10122
The first three minutes	Weinberg Steven	A modern view of the origin of the ur	William Collius sons&co LTD	1977	A modern vi	Includes inx	0-00-634 Gauteng/SELL	Fontana	190p	10070
Repoer of the vice-chancellor and principal 1978			Wits University	1978	University o	Includes index	Gauteng/SELL	Johannesbu	113p.:ill.	10287
Universities under security			Organisation for economic co-operation & de	1978		Includes ind	9E+09 Gauteng/SELL	Paris	11p.	10297
South Africa's crisis in education			University of the Witwatersraand	1978	The Senete special lectures		Gauteng/SELL	Johannesbu	iv 200p	10365
Aha! Insight	Gardnes Martin		Scientific American Inc\W.H Freeman	1978			0-89454- Gauteng/SELL	New York	viii,179p,ill	10051
Report of the vice-chancellor and princil 197	Malherbe, P. (ed.), Tyacke(ed)		Wits University	1979	University o	Includes index	Gauteng/SELL	Johannesbu	809p.:ill	10283
Report of the vice-chancellor and principal - 1979			Wits University	1979	University o	Includes index	Gauteng/SELL	Johannesbu	92p.:ill	10285
Report of the vice-chancellor and principal 1979			Wits University	1979	University of the Witwatersrand, J		Gauteng/SELL	Johannesbu	90p.:ill	10287
The properties of diamonds	Field, J E		Academic press	1979		Includes ind	1E+08 Gauteng/SELL	London	xiv, 674p.ill.	10126
Disturbing the Universe	Dyson,Freeman		Pan Books	1979			0-330-2E Gauteng/SELL	London	viii,280p	10018
Iron metabolism	Bothwell,Thomas H,Finch Clement A,Charlton Robert W, Cook Jar		Blackwell Scientic	1979		Includes ind	0-632-0C Gauteng/SELL	Oxford	xi 576p	10020
Thinking physics	Epstein Lewis C,Hewitt Paul G		Insight press	1979	Question wi	Includes index	Gauteng/SELL	San Francisc	19x,262,ill	10056
The properties of diamonds	Field J.E		Academic Press	1979		Includes ind	0-12-258350-0	London	xiv,674p,ill	10127
Machanical behaviour of ceramics	Davidge,R.W		Cambridge University Press	1979		Includes ind	0-521-29309-x(pbk)	Cambridge	vii,165p	10090
Oliver Deney's Schreiner	Kahn Ellison	Reprinted from the S.A Low Journal N	University of the Witwatersraand	1980	The man and his Judicial world			Johannesbu	49p	10103
Quacks	Fritzs, Harald		Allen Lane	1981	The staff ma	Includes ind	7E+08 Gauteng/SELL	London	xiii,297p.:ill.	10325
Snow C.P,Cooper William (introduction)	C.P snow ,CP,Cooper, William (introduction)		Papermac	1981	A generatior	Incudes ind	0-333-32 Gauteng/SELL	London	192p	10041
Conference Handbook			University of NSW	1981	vth Internati	Includes index	Gauteng/SELL	Burrows The	xxi, 131p	10061
A meeting with Universe		Science Discoveries from the space pi	National Aeronautics & space Administration	1981		Includes index	Gauteng/SELL	Washington	ix,221p,ill	10049
The world of Diamonds			Weidenfeld and Nicolson	1981		Includes ind	0-297-77926-5	London	viii,261p	10110
Report of the vice-chancellor and princil 198	Mawbey, A.E., Whitehead C. (ed)		Wits University	1982	University o	Includes index	Gauteng/SELL	Johannesbu	134p.:ill.	10284

Studies in the social & economic history of t	Van Oeselen, Charles		Ravan Press	1982	New Babylon	Includes index	9E+08 Gauteng/SELL	Johannesburg	xvii,213p.	10300
Wits the early years	Muway, Bruce K		Witswatersrand University Press	1982	A history of	Includes index	0-85494 Gauteng/SELL	Johannesburg	xviii,389p	10379
Wits the early years	Muway, Bruce K		Witswatersrand University Press	1982	A history of the university		0-85494 Gauteng/SELL	Johannesburg	xviii,389p	10378
Chemical Sediments And Geomorphology			Academic	1983			0-444-0C Gauteng/WITS	London	439 p.	
The illustrated: winespeak	Searle's, Ronald		Souvenir Press	1983	Wicked world of wine		0-285-62 Gauteng/SELL	London	ill.	10331
The physics of semiconductor devices	Fraser D.A		Clarendon Press	1983		Includes index	0-19-851860-9	Oxford	x,177p,ill	10113
A guide to political censorship in South Africa	Silver, Louise		Centre for applied legal studies	1984			Gauteng/SELL	Johannesburg	ix,242p.	10318
Pocketbook of mathematical functions	Abramowitz, Milton(ed), Ste Rafeiski Johnn		Verlag Hawi Deutsch	1984	Abrideged edition of Han		3-87144 Gauteng/SELL	Thun- Frankl	469p	10054
Dart Taung and the "Missing Link"	Tobias, Phillip V		Witwatersrand University Press	1984	An essay on the life and		0-85494-8015	Johannesburg	67p,ill	10130
Elbow Room	Dennett, Daniel C		The mit press	1984	The varieties	Includes index	0-262-54042-8(pbk)	Cambridge	ix,200p	10092
The new african	Couzens, Tim			1985	A study of t	Includes index	9E+07 Gauteng/SELL	Johannesburg	xvii,328p.	10241
The South Africa society		HSRC Investigation into intergroups r	Human science research council	1985	Realities and future pros		0-7969-C Gauteng/SELL	Pretoria	x,182p	10374
H.I.E Dhlomo collected works	Visser, Nick(edictor), Couzen Tim(edictor)		Ravan Press	1985			0-86975 Gauteng/SELL	Johannesburg	xvii,500p	10329
Quantum electrodynamics of strong fields	Grecner W, Muller B, Refelski J		Springer-verlang	1985	With an intr	Includes index	3-540-12 Gauteng/SELL	Berlin	xi 594p,ill	10354
Qed	Feynman Richard P.		Penguin Books	1985	The strange	Includes index	0-14-012 Gauteng/SELL	London	xi 158p	10037
Surely of a curious character	Feynman Richard P, Leight	Adventure of a curious character	W.W. Norton & Company	1985			0-393-01 Gauteng/SELL	New York	350p	10047
Thermoluminescence of solids	Mckeever, S.W.S		Cambridge University of solids	1985		Includes index	0-521-36811-1(pbk)	Cambridge	xiii,376p	10089
An overview		Physics Survey Committee	National Academy Press	1986		Includes index	0309035 Gauteng/SELL	Washington	xvii, 266p.	10245
Gravitation, Cosmology and cosmic-ray physics		Physics Survey Committee	National Academy Press	1986		Includes index	3E+08 Gauteng/SELL	Washington	xvi, 171p.,ill	10247
Atomic molecular, and optical physics.		Physics Survey Committee	National Academy Press	1986		Includes index	3E+08 Gauteng/SELL	Washington	xvi, 184p.	10248
Condensed-Matter Physics.		Physics Survey Committee	National Academy Press	1986		Includes index	3E+08 Gauteng/SELL	Washington	xvii,307p.	10249
Nuclear Physics.		Physics Survey Committee	National Academy Press	1986		Includes index	3E+08 Gauteng/SELL	Washington	xiii,224p.	10250
Mabangalala	Hayson, Nicholas		Centre of applied legal stidies	1986	The rise of right-wing vigi		9E+08 Gauteng/SELL	Johannesburg	141p.:ill.	10322
Nobel Dreams	Taubes Gary	Power Deceit and the uitimate experi	Random House	1986			0-394-54 Gauteng/SELL	New York	xxiv,26p	10050
Modern techniques of surface science	Woodruff, D.P, Delchar T.A		Cambridge University Press	1986		Includes index	0-521-35719-5(pbk)	Cambridge	xi,453p	10088
The social context of small-scale business de	Godsell, Gillian(ed), Van dyk Hanlie (ed.)		Centre for Policy Studies	1988	Report of a workshop organised b		Gauteng/SELL	Johannesburg	69p.	10288
Atmospheric pollution and its implications in	Tyson P.D, Kruger F.J, Louw C.W		Foundation for research development council	1988	South Africa National Sci		0-7988-4 Gauteng/SELL	Pretoria	viii 114p	10264
Discoveries in earth science	Osmun Richard, Vorwald Brian, Wegner Sally		United Publishing CO	1988			0-93732 Gauteng/SELL	New York	x 369p,ill	10344
South African medical reseach	Brink A.J(ed), Townshend Grace, Aalbers, Julia, vanderVyver Irmia		Owe Burgess	1988	Twenty year Incudes inde		0-947-44 Gauteng/SELL	Pinetown	387p	10036
A passion for science	Wolpert Lewis, Richard Alison		Oxford University Press	1988		Includes index	0-19-854 Gauteng/SELL	Oxford	viii,206p	10066
Some thoughts on Research	Sellschop, J.P.F		University of the Witwatersraand	1988				Johannesburg		10102
New Nation, New history (Vol)			New Nation and the history workshop	1989			6E+08 Gauteng/SELL	Johannesburg	135p.:ill.	10293
What do you care what other people think?	Feynman Richard P.		Bantam Books	1989	Further adventueres of a		0-553-34 Gauteng/SELL	New York	255p ill	10112
Holding their ground history workshop conf	Bonner Phillip, Hofmeyr Isabel, James Deborah(Editor)		Witwatersraand University Press	1989	Class, locality and culture		0-86975 Gauteng/SELL	Johannesburg	xiv 318p	10022
The new physics	David Paul (ed)		Cambridge	1989		Includes index	Gauteng/SELL	Cambridge	516p	10014
Extraordinary people	Treffert Darold A		Barintam Press	1989	An explorat	Includes index	0-593-01 Gauteng/SELL		xxvii,290p,ill	10040
The science of everyday life			Penguin	1989	Ingram Jay		0-14-012 Gauteng/SELL	Canada	210p	10069
South Africa Despatches	Crwys-Williams, Jennifer		Ashanti	1989	Two Centuries of the bes		6E+08	Johannesburg	xvi,495p,ill	10104
CSIR: the first 40 years		CSIR	CSIR	1990		Includes index	8E+08 Gauteng/SELL	HISTO Pretoria		10219
Geological studies related to the origin and evolution of the Witwatersrand			Dept. Geology, Wits	1990			2E+08 Gauteng/SELL	Johannesburg	xv, 310p.	10218
Probing the frontiers	Lang John		Jonathan Ball	1990	The story of Pinkie Hill		0-94746 Gauteng/SELL	Johannesburg	173p	10027
Flucht ous leipzig	Fritzsch Harald		Piper	1990		Includes index	3-492-02 Gauteng/SELL	Munchen Zurich		10033
Gems & Gemology	Liddicoat, Richard T(Ed), Keller Alice s(Ed)		Gemological Institution of America	1990	A retrospective of the 80		0-87311-023-4	Califonia	110p,ill	10117
Wie kommit man auf einfoches neus	Kienle, Paul		Fromm	1991	Der Forscher, Lehrer Wissenschaft		Gauteng/SELL	Zurich	237p.	10077
Niels Bohr's Times	Paris Abraham		Clarendon	1991	In physics, pl	Incudes inde	19-8520 Gauteng/SELL	Oxford	xvii,565p	10042
Indicators of science and Technology		Science & Technology agency (ed)		1991			Gauteng/SELL		226p	10068
Images of humanity	Tobias Phillip V.	The selected writing of Phillip v Tobia	Ashanti Pushing	1991			1-874800-23-5	Rivonia	xiii,431,ill	10045
Resistance and transformation	Cross, Micheal		Skotaville 1	1992	Education c	Includes index	9E+08 Gauteng/SELL	Johannesburg	292p.	10319
Stephen Hawking	White Micheal, Griblon John		Viking	1992		Includes index	0-670-84 Gauteng/SELL	London	ix,304p	10030
Science with a smile	Weber, Rober L		Institute of Physics Publishing	1992	An anthology selected		0-7503-C Gauteng/SELL	Bristol and P	xii,452p	10055

The Los Alamos Primer	Serber Robert ,Rhodes Rich	The first lectures on how to build an atom	Berkeley	1992	Includes index	0-520-07	Gauteng/SELL	University of California	xxxiii,98p	10052	
Proceeding of the international Gemological	Keller Alice 5 (ed)		Gemological Institute of America	1992	Facing the future	Includes index	0-87311-024-2	California	xvi,192p,ill	10115	
The science matrix	Seitz,Frederick		Springer-Verlag	1992	The journey, Incudes index	0-387-97677-9		New York	xiii,146p	10091	
Operation Epsilon	Frank Sir Charles(introduced by*)		Institute of physics	1993		The farm has	0-7503-0	Gauteng/SELL	Bristol	ix,313p	10025
German Nobel Prize winners				1993	From 1995 to the present	0-340-5	Gauteng/SELL			10034	
Einteins Dreams	Lightman,Alan		Alan Lightman	1993			0-340-5	Gauteng/SELL	Great Britain	179p	10035
Realising our potential			HMSO	1993	A strategy for science	Enç	0-10-122502-4		London	74p	10101
Population-the complex reality	Graham-Smith, F.R.Sir (ed.)		Royal Society	1994		Includes index	9E+08	Gauteng/SELL	United Kingdom	xi, 404p.	10233
Youth in the New South Africa towards polic	Van Zyl Slabbert F. ; Malan, Charles(ed)\	Riordan, Rory(ed), Marai	HSRC Publishers	1994				Gauteng/SELL	Pretoria	iii, 447p.	10238
Channelingstrahlung in Diamant und Rubin	Neitheng, Uwe		Darmstadt	1994				Gauteng/SELL	Tag der Einrück	v, 124p.	10239
Chemical Analysis by Nuclear methods	Lfassi, Z.B.(ed)		John wiley & Sons	1994		Includes index	5E+08	Gauteng/SELL	Chichester		10120
A vice-chancellor reembers the memories of	Bozzoli G.R		Alphapruit	1995		Includes index	0-620-1	Gauteng/SELL	Randburg	viii,362p	10373
Six easy pieces	Feyman Richard P,Leighton Robert B(editor), Sands Matthew (ed)	Addison-Wesley		1995	Essentials of	Includes index	0-201-4	Gauteng/SELL	Reading Mass	xxix,146p,ill	10028
Revolutions in my life	Hirson Baruch		Witwatersrand	1995		Includes index	1-86814	Gauteng/SELL	Johannesburg	xviii,365p	10017
Passage to progress	Basson, Noline		Jonathan Ball	1996	The CSIR journey of change 1945-			Gauteng/SELL	Johannesburg		10299
9 forschungs bericht 1993-1995	Goethe, John Wolfgang		Universitat Frankfurt	1996		Includes index	0722-38	Gauteng/SELL	Frankfurt	281p.	10082
Fundamental principles of molecular modelin	Gans Werner, Amann Anton,Boeyens Jan C.A		Plenum Press	1996		Includes index	0-306-4	Gauteng/SELL	New York	viii,249p	10346
Passage to progress	Basson Noline	The CSIR's Journey of change 1945-	Jonathan Ball Publishers	1996		Includes index	1-86842-034-5		Johannesburg	xiii,204p,ill	10109
Materials analysis using a nuclear microprob	Breese,Mark B.H,Jamieson David N,King Phillip J.C		John Wiley & sons inc	1996		Includes index	0-471-10608-9		New York	xxiv,428p,ill	10118
Wits the open years			Witwatersraand university Press	1997	A history of the Universit	1-86814	Gauteng/SELL		Johannesburg	xiii,427p	10380
Forging Ahead	Bozzoli G.R		Witwatersraand University Press	1997	South Africa	Includes index	1-86814	Gauteng/SELL	London	xviii 248p	10024
Energy and Environment	Hodgson,Peter E		Bowerdean	1997		Includes index	0-90609	Gauteng/SELL	London	106p	10019
Diamond	Vleeschdrager Eddy,Ekama-van Bogaert,Hilde(translate Edition du Perron			1997	Reality and Passion	2-87114-129-x			Belgium		10108
The First Five Years	Nuttall,Jolyon		Indipendent Development Trust	1997	The story of the indepent development Trust				Cape Town	248p	10086
Facing the storm: potraits of black lives in ru	Keegan, Tim		David Phillip	1998			0-86486	Gauteng/SELL	Johannesburg	169p	10317
HFI-xi Durban 1998 book of Abracts		University of	University of Durban-Westville Dept of physics	1998	11th Interna	Includes index			Durban		10124
Developing a culture of good governance			CTP Book Printers	1998	Report of the presidentia	0-621-27928-5			Cape Town	294p	10099
100 Jahre luftschiffe	Becker,Hans-Jurgen,Hofing Rudolf		Motorburch Verlag	2000			1-613-3	Gauteng/SELL	Stuttgart		10343
The hidden edge	Addison Graeme		The engineering asociation	2000	South Africa	Includes index	0-620-2	Gauteng/SELL		244p	10039
Gold deposits in the SADC region	De Klerk, SL		Council for Geoscience	2001			2E+09	Gauteng/SELL	Johannesburg	xviii, 126p.	10220
Schnland Scientist and Soldier	Austing Brian	From lightning on the veld to nuclear	institute of physics publishing	2001		Includes index	0-7503-0501-0		Bristol	xviii,639p	10048
A review of the world's diamond industry an	Wilson,M.A(ed)		Diamond Annual(PTY) LTD	1971(vol1	A review of the world's diamond industry and trade				Johannesburg	279p,ill	10106
International Diamonds Nuclear Number tw	A.N Wilson,M.A(ed)		Diamond Annual(PTY)LTD	1972 Dec	A review of the words's diamond industry and trade				Johannesburg	288p,ill	10107
An elementary course in Physical	Gordon, W				For junior ce	Includes index		Gauteng/SELL	Cape Town	258p.	10268
	Kock,J.J.				Maskew Mil	Includes index		Gauteng/SELL	Cape Town	210p.	10267
A soldier's way.	Powell, Colin.; Persica, Joseph E.		Arrow Books		An antibiotol	Includes index	0094399	Gauteng/SELL	United kingdom		10242
The structure and properties of materials	Vo Rose, Robert M., Sheperd Lawrence A, Wulff John		John wiley & Sons		Electronic pr	Includes index		Gauteng/SELL	New York	x, 306p.	10260
The centre for applied legal studies 1978-19	MacCleod, Fiona		Centre for applied legal studies		Fighting for justice	2E+09	Gauteng/SELL		Johannesburg	78p.:ill.	10291
The story of maps	Brown, Lloyd A.		Bonanza books			Includes index		Gauteng/SELL	New York	393p.ill.	10276
Applications of electricity	Ogilive, Alender		T.C & E.C Jack		For non-Technical readers			Gauteng/SELL	London	viii, 93p.:ill.	10269
Nuclear Festkorperphysik	Schatz, Gunther, weidinger, Alois		B.G. Teubner Suttgart		Kernphysikalische mebmethden u			Gauteng/SELL	Germany		10081
Alexander van Humboldt-Stiftung 1953-1993					40 years in the service of	0935-38	Gauteng/SELL		Germany	323p.	10264
Projections	Bruce N.				Science & Enviroment th	1143-77	Gauteng/SELL			122p.	10131
High-frequency measurements	Hund, August		McGraw-Hill					Gauteng/SELL	New York	xi,491p.	10323
Rotley's elements of mineralogy	Read H.H		Thomas murby& CO					Gauteng/SELL	London	vii,490p	10311
Rutley's elements of mineralogy	Read,H.H		Thomas Murby&CO					Gauteng/SELL	London	vii,490p	10312

Commission of enquiry			Into the events which occurred on Gauteng/SELL	Johannesbu	47p	10371
Commission of enquiry			Into the events which occurred on Gauteng/SELL	Johannesbu	44p	10366
The open universities in South Africa			Gauteng/SELL			10372
The role of the University in changing South Africa		Witwateraand University Press	Perceptions of Wits June 1986	Gauteng/SELL	Johannesbu	vii,112p 10376
Microscopic determination of the ore minerals		United States Department of the inte Government printing office	Geological survey bulletin 914	Gauteng/SELL	U.S.A	vii 314p 10349
Ultrahochvakuum-Technik	Adam H.		Erzeugung and messung sehr	Gauteng/SELL		64p 10351
Everyday science	Hall,Cyril	Blackie&son LTD		Gauteng/SELL	London	288p,ill 10078
Mordern Chemists & their work	Borth Christy	The new home library	Poineers of j	Gauteng/SELL	New York	
Science at your service	Huxley Julian,Appleton Sir Edward,Burt Sir Geoge al	George Allen & Uniwin LTD		Gauteng/SELL	London	102p 10073
Physical properties of diamond	Berman,R(Ed)	Clarandom Press			Oxford	xii,443p,ill 10119
De Beers		De Beers corporation communications Department	A Diamond is forever		Johannesbu	107p 10116
The scientific endeavor	A list of contribution	The rockefeller institute Press	Centennial celebration of the national Academy of sciences	United State	vii,331p,ill	10129
75 Years Brown Boveri 1891-1966		Brovei&co			Switzerland	unnumbered,ill 10096
Centenary Lectures 1986-1986	Moore,Moreton(ed)			0-900145-74-9		10083
Madame Curie	Curie,Eve	Heinemann	A biography		London	ix 411p 10085

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Annexure 3 – Furniture, clocks and other miscellaneous museum items at South African Astronomical Observatory

Furniture

Armchairs (3), hardwood, cane bottomed. One has old property no SRC846.

Desks, (2) large Victorian (library, dir's office)

Swivel chair of Maclear (library)

Oak chair with Egyptian(?) motif on back (library)

Victorian Standard Weights and Measures box (library)

Umbrella stands (?) wooden one in library. There should be a metal one around, not sure where it is now.

Clocks

William Hardy (London) Regulator ca 1820 (library)

Molyneux (London) Regulator (electronics corridor) ca 1820

Molyneux (London) Regulator, Mean time, (student office, E Wing) ca 1820. This one was cleaned up by "Fine Time", Plumstead, after a computer fire in the office ca 2005.

Riefler (Munich) Regulator (Admin corridor). Numbered 285 on works, Face dated 1910, some kind of electric action.

Dent (London) Regulator #1317, sidereal, from Radcliffe Observatory, Govender's office.

Dent (London) Regulator # 952, mean time, from Radcliffe Observatory, Govender's office.

Dent (London) Regulator #2013, McClean dome (built in) ca 1897

Dent (London) Regulator #2004, Electronics Corridor, ca 1890 (probably formerly in Astrographic Dome). Case altered where lower door was.

Dent (London) Regulator #39714, Electronics Corridor.

Chronometers in Electronics Dept:

1. Dobbie McInnes & Clyde Ltd, (South Shields ...) #8921, Mean Time, 8d.
2. John Poole (London) #5098, Sidereal, 7d
3. Kelvin, Bottomley & Baird #7843, Mean Time, 8d.

4. H. Hughes & Son #1485, Sidereal, 8d.
5. Dent #2188, 56h, (smaller than normal, probably older).
6. Thomas Mercer (St Albans) #?, 1second contactor, in round aluminium case, in carrying box. #19670 on lid, RO174 label on back.

In addition, there are two carrying boxes for chronometers, one is single with SAO 0748 label and probably fits the Dent. The other is double and probably fairly recent.

Miscellany

Walking Stick presented by Livingstone to Maclear

Fortin-type barometers (2) in library:

1. T. Newman, Regent Street
2. Negretti and Zambra M4537/44/51

Copying press. I think this is in the Archive Room.

Globes (2) library balcony

1. Newton's New and Improved Terrestrial Globe
2. Newton's Celestial Globe, corrected to 1840.

Measuring Machines (not in museum)

Hartmann spectro-comparators (2) early 20th C

Annexure 4 - SAIAB rare books collection

AGASSIZ, Louis, 1807-1873.

Nomenclatoris zoologici index universalis : continens nomina systematica classium, ordinum, familiarum et generum animalium omnium, tam viventium quam fossilium : secundum ordinem alphabeticum unicum disposita, adjectis homonymiis plantarum / auctore L. Agassiz ...

Soloduri : Sumtibus et typis Jent et Gassmann, 1848.

591.012 AGA.

AGASSIZ, Louis, 1807-1873.

Pisces Celebes / par L. Agassiz.

London : B. Quaritch, 1874.

597.09257 AGA.

ALCOCK, A. (Alfred), 1859-1933.

A descriptive catalogue of the Indian deep-sea fishes in the Indian Museum : being a revised account of the deep-sea fishes collected by the marine survey ship Investigator / by A. Alcock.

Calcutta : Trustees of the Indian Museum, 1899.

597.092737 ALC.

ALDROVANDI, Ulisse, 1522-1605?

Vlyssis Aldrovandi philosophi, et medici Bononiensis De reliquis animalibus exanguibus libri quatuor / post mortem eius editi ; nempe, de mollibus, crustaceis, testaceis, et zoophytis ...

Bononiae : Apud Bellagambam, 1605, 1606.

591 ALD.

BENNETT, John Whitchurch.

A selection from the most remarkable and interesting fishes found on the coast of Ceylon / by John Whitchurch Bennett.

[Colombo : Wildlife Heritage Trust of Sri Lanka], [1993].

597.09593 BEN.

BENNETT, John Whitchurch.

A selection from the most remarkable and interesting fishes found on the coast of Ceylon.

London : Printed for the author by Wilson & Son, 1837.

597.095493 BEN.

BIANCONI, J. Joseph.

Specimina Zoologica Mosambicana quibus vel novae vel minus notae Animalium species illustrantur.

Bononiae, Typ. Acad. Scientiarum, 1850-1867.

591.09679 BIA.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les auspices du
gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 1.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 2.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 3.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 4.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 5.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 6.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les
auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 7.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 8.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Atlas ichthyologique des Indes orientales neerlandaises, publie sous les auspices du gouvernement colonial neerlandais. Par M.P. Bleeker ...
Amsterdam : F. Muller, 1862-78.
v. 9.
597.09257 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Memoire sur les especes insulindiennes de la famille des Scorpenoides / par P. Bleeker.
Amsterdam : C.G. Van der Post, 1876.
597.58 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Memoire sur les poissons de la Cote de Guinee.
Haarlem : De Erven Loosjes, 1863.
597.096718 BLE.

BLEEKER, P. (Pieter), 1819-1878.
Recherches sur la faune de Madagascar et de ses dependances : d'apres les decouvertes de Francois P.L. Pollen et D.C. Van Dam ...
Leide : E.J. Brill, 1874.
597.09691 BLE.

BLOCH, Marcus Elieser, 1723-1799.
Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.
Paris : Chez Deterville, an X [1802].
t. 5.
597 BLO.

BLOCH, Marcus Elieser, 1723-1799.
Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.
Paris : Chez Deterville, an X [1802].
t. 1.
597 BLO.

BLOCH, Marcus Elieser, 1723-1799.
Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme

des plantes.

Paris : Chez Deterville, an X [1802].

t. 2.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 3.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 4.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 6.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 7.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 8.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

t. 9.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

v. 10.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Histoire naturelle des poissons, avec les figures dessinees d'apres nature / par Bloch ; ouvrage classe par ordres, genres et especes, d'apres le systeme de Linne ; avec les caracteres generiques par Rene-Richard Castel, auteur du Poeme des plantes.

Paris : Chez Deterville, an X [1802].

Atlas.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Ichthyologie ou histoire naturelle et particuliere des poissons / Marcus Elieser Bloch.

Berlin, 1795-1797.

Pt. 1&2.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Ichthyologie ou histoire naturelle et particuliere des poissons / Marcus Elieser Bloch.

Berlin, 1795-1797.

Pt. 3&4.

597 BLO.

BLOCH, Marcus Elieser, 1723-1799.

Systema ichthyologiae iconibus cx illustratum.

M. E. Blochii, doctoris medicinae Berolinens ..., Systema ichthyologiae iconibus

cx illustratum. / Post obitum auctoris opus inchoatum absolvit, correxit,
interpolavit Io. Gottlob Schneider, Saxo..
Berolini, : Sumptibus auctoris impressum et bibliopolio Sanderiano commissum.,
1801.
597 BLO.

BONNATERRE, abbe (Pierre Joseph), ca. 1752-1804.
Tableau encyclopedique et methodique des trois regnes de la nature ...
Ichthyologie / par M. l'Abbe Bonnaterre ...
Paris : Chez Panckoucke, libraire, Hotel de Thou, Rue des Poitevins, 1788.
597 BON.

THE BOOK OF FISHES : class pisces / published under the direction of the
Committee of general literature and education, appointed by the Society for
Promoting Christian Knowledge.
London : John W. Parker, 1851 (London : Savill and Edwards).
597.1 BOO.

BOULENGER, George Albert, 1858-1937.
Catalogue of the perciform fishes in the British Museum. v. 1 / by George Albert
Boulenger.
London : British Museum (Natural History), 1895.
597.5952 BOU.

BOULENGER, George Albert, 1858-1937.
Catalogue of the perciform fishes in the British Museum. v. 1 / by George Albert
Boulenger.
London : British Museum (Natural History), 1895.
597.5952 BOU.

BRENCHLEY, Julius.
Jottings during the cruise of H. M. S. Curacoa among the South Sea Islands in
1865 / by Julius L. Brenchley.
London : Longmans, Green, 1873.
597.0996 BRE.

BREVOORT, James Carson, 1818-1887.
Notes on some figures of Japanese fish : taken from recent specimens by the
artists of the U.S. Japan expedition / by James Carson Brevoort.
[Washington, D.C. : s.n., 1856?].
597.0952022 BRE.

BROUSSONET, Pierre Marie Auguste, 1761-1807.
Ichthyologia sistens piscium descriptiones et icones.
P.M. Augusti Broussonet, medicinae doctoria, Societ. reg. londinensis et
monspeliensis socii, Ichthyologia sistens piscium descriptiones et icones.
Prostat Londini : Apud Petr. Elmsley ; Parisiis : Apud P. Franc. Didot, juni ;
Viennae et Lipsiae : Apud Rudolph Graeffer ; Lugduni Batav. : Apud Andr. Koster
et Soc., [1782].
597 BRO.

BROWN, Thomas, 1785-1862.
The elements of conchology : or natural history of shells according to the
Linnean system.
London : J. Gleave, 1816.
594 BRO.

BROWN, William, of Perth.
The natural history of the salmon, as ascertained by the recent experiments in
the artificial spawning and hatching ... at Stormontfield, on the Tay.
Glasgow, T. Murray, 1862.
597.55 BRO.

BUSHNAN, J. Stevenson (John Stevenson), 1808?-1884.
Fishes : particularly their structure and economical uses / by J.S. Bushnan,
M.D., edited by Sir William Jardine, Bart.
Edinburgh : W.H. Lizars, 1843.
597 BUS.

BUSHNAN, J. Stevenson (John Stevenson), 1808?-1884.
The natural history of fishes, particularly their structure and economical uses.
By J.S. Bushnan ... Illustrated by thirty-three coloured plates, with portrait
and memoir of Salviani.
Edinburgh, W.H. Lizars, 1840.
597 BUS.

BUSHNAN, J. Stevenson (John Stevenson), 1808?-1884.
The natural history of fishes, particularly their structure and economical uses.
By J.S. Bushnan ... Illustrated by thirty-three coloured plates, with portrait
and memoir of Salviani.
Edinburgh, W.H. Lizars, 1840.
597 BUS.

CANTOR, Theodore Edward, 1809-1860.
Catalogue of Malayan fishes / by Theodore Cantor.
Calcutta : [Asiatic Society of Bengal], 1850 (Printed by J. Thomas, Baptist
Mission Press).
597.09295951 CAN.

CARMICHAEL, Dugald.

Some account of the island of Tristan De Cunha, and of its natural productions / by Dugald Carmichael ; ready December 16, 1817.

[S.l. : s.n.], [1818].

597.0973 CAR.

COLLETT, Robert, 1842-1913.

Poissons provenant des campagnes du yacht l'Hirondelle (1885-1888) / Robert Collett.

Monaco : Imprimerie de Monaco, 1896.

fasc. 10.

597.09213 POI.

COUCH, Jonathan, 1789-1870.

A history of the fishes of the British Isles / by Jonathan Couch.

London : Greoombridge, 1868-1869.

v. 1.

597.0942 COU.

COUCH, Jonathan, 1789-1870.

A history of the fishes of the British Isles / by Jonathan Couch.

London : Greoombridge, 1868-1869.

v. 2.

597.0942 COU.

COUCH, Jonathan, 1789-1870.

A history of the fishes of the British Isles / by Jonathan Couch.

London : Greoombridge, 1868-1869.

v. 3.

597.0942 COU.

COUCH, Jonathan, 1789-1870.

A history of the fishes of the British Isles / by Jonathan Couch.

London : Greoombridge, 1868-1869.

v. 4.

597.0942 COU.

CUNNINGHAM, J. T.

A treatise on the common sole (*Solea vulgaris*), considered both as an organism and as a commodity / prepared for the Marine Biological Association of the United Kingdom ; by J.T. Cunningham.

Plymouth : The Association, 1890.

597.5986 CUN.

CUVIER, Georges, baron, 1769-1832.

The animal kingdom : arranged in conformity with its organization / by the Baron Cuvier ; with additional descriptions of all the species hitherto named, and of many not before noticed, by Edward Griffith and others.

London : Printed for Geo. B. Whittaker, 1827.

v. 2.

591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

The animal kingdom : arranged in conformity with its organization / by the Baron Cuvier ; with additional descriptions of all the species hitherto named, and of many not before noticed, by Edward Griffith and others.

London : Printed for Geo. B. Whittaker, 1827.

v. 3.

591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

The animal kingdom : arranged in conformity with its organization / by the Baron Cuvier ; with additional descriptions of all the species hitherto named, and of many not before noticed, by Edward Griffith and others.

London : Printed for Geo. B. Whittaker, 1827.

v. 4.

591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

The animal kingdom : arranged in conformity with its organization / by the Baron Cuvier ; with additional descriptions of all the species hitherto named, and of many not before noticed, by Edward Griffith and others.

London : Printed for Geo. B. Whittaker, 1827.

v. 1.

591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

The animal kingdom : arranged in conformity with its organization / by the Baron Cuvier ; with additional descriptions of all the species hitherto named, and of many not before noticed, by Edward Griffith and others.

London : Printed for Geo. B. Whittaker, 1827.

v. 5.

591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.

Paris : Chez F.G. Levrault, 1828-1849.

v. 1-2.

597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 3-4.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 5-6.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 7-8.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 9-10.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 11-12.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 13-14.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 15-16.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 17-18.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 19-20.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Histoire naturelle des poissons / par m. le bon. Cuvier et par m. Valenciennes.
Paris : Chez F.G. Levrault, 1828-1849.
v. 21-22.
597 CUV.

CUVIER, Georges, baron, 1769-1832.
Le regne animal distribue d'apres son organisation, pour servir de base a
l'histoire naturelle des animaux et d'introduction a l'anatomie comparee, par M.
le cher, Cuvier ... Avec figures, dessinees d'apres nature.
Paris, Deterville, 1829-30.
v. 1.
591.012 CUV.

CUVIER, Georges, baron, 1769-1832.
Le regne animal distribue d'apres son organisation : pour servir de base a l'histoire
naturelle des animaux et d'introduction a l'anatomie comparee.
Paris : Fortin, Masson, [1836-49].
Poissons, Text.
591.012 CUV.

CUVIER, Georges, baron, 1769-1832.
Le regne animal distribue d'apres son organisation, pour servir de base a l'histoire
naturelle des animaux et d'introduction a l'anatomie comparee, par M. le cher, Cuvier ...
Avec figures, dessinees d'apres nature.
Paris, Deterville, 1829-30.
v. 2 & 3.
591.012 CUV.

CUVIER, Georges, baron, 1769-1832.
Le regne animal distribue d'apres son organisation, pour servir de base a l'histoire
naturelle des animaux et d'introduction a l'anatomie comparee, par M. le cher, Cuvier ...
Avec figures, dessinees d'apres nature.
Paris, Deterville, 1829-30.
v. 4.
591.012 CUV.

CUVIER, Georges, baron, 1769-1832.

Le regne animal distribue d'apres son organisation, pour servir de base a l'histoire naturelle des animaux et d'introduction a l'anatomie comparee, par M. le cher, Cuvier ...

Avec figures, dessinees d'apres nature.

Paris, Deterville, 1829-30.

v. 5.

591.012 CUV.

DAY, Francis, 1829-1889.

Fishes / By Francis Day.

London : Taylor and Francis; [etc.] 1889.

v. 1.

597.0954 DAY.

DAY, Francis, 1829-1889.

Fishes / By Francis Day.

London : Taylor and Francis; [etc.] 1889.

v. 2.

597.0954 DAY.

DAY, Francis, 1829-1889.

The fishes of Great Britain and Ireland / by Francis Day.

London : Williams & Norgate, 1880-1884.

v. 1.

597.0942 DAY.

DAY, Francis, 1829-1889.

The fishes of Great Britain and Ireland / by Francis Day.

London : Williams & Norgate, 1880-1884.

v. 2.

597.0942 DAY.

DAY, Francis, 1829-1889.

The fishes of Malabar.

London : B. Quaritch, 1865.

597.0954 DAY.

DERANIYAGALA, P. E. P. (Paulus Edward Pieris), 1900-1973.

A colored atlas of some vertebrates from Ceylon / by P.E.P. Deraniyagala ; illustrated by the author.

[Colombo] : Ceylon Govt. Press, 1952-1955.

v. 1.

597.095496 DER.

DONOVAN, E. (Edward), 1768-1837.
The natural history of British fishes : [plates].
[London : s.n.], [180-].
597.0942 DON.

DUMERIL, Auguste Henri Andre, 1812-1870.
Histoire naturelle des poissons : ou, Ichthyologie generale / par Aug. Dumeril.
Paris : Roret, 1865-70.
t. 1.
597 DUM.

DUMERIL, Auguste Henri Andre, 1812-1870.
Histoire naturelle des poissons : ou, Ichthyologie generale / par Aug. Dumeril.
Paris : Roret, 1865-70.
Atlas.
597 DUM.

DUMERIL, C. (Constant), 1774-1860.
Ichthyologie analytique ou classification des poissons, suivant la methode naturelle, a
l'aide de tableaux synoptiques.
Paris : Didot, 1856.
597.1 DUM.

DUMERIL, C. (Constant), 1774-1860.
Ichthyologie analytique ou classification des poissons, suivant la methode naturelle, a
l'aide de tableaux synoptiques.
Paris : Didot, 1856.
597.1 DUM.

EXPEDITIONS scientifiques du travailleur et du talisman pendant les annees 1880,
1881, 1882, 1883. Ouvrage publie sous les auspices du ministere de l'instruction
publique, sous la direction de A. Milne-Edwards.
Paris, G. Masson, 1888-1906.
1. Poissons.
597.092 VAI.

FIGUIER, Louis, 1819-1894.
The ocean world : being a description of the sea and some of its inhabitants / from the
French of Louis Figuier ; edited and revised by E. Perceval Wright.
London : Cassell, 1891.
574.92 FIG.

FORBES, Edward, 1815-1854.
A history of British starfishes, and other animals of the class Echinodermata /
By Edward Forbes.
London : J. Van Voorst, 1841.
593.90942 FOR.

FORSSKAL, Peter, 1732-1763.

Descriptiones animalium : Avium, Amphibiorum, Piscium, Insectorum, Vermium / quae in itinere Orientali observavit Petrus Forska ; post mortem auctoris edidit Carsten Niebuhr. Hauniae [i.e., Copenhagen] : Ex officina Molleri, 1775.
591 FOR.

FREYCINET, Louis Claude Desaulses de, 1779-1842.

Voyage autour du monde : entrepris par ordre du roi ... execute sur les corvettes de S.M. l'Uranie et la Physicienne pendant les annees 1817, 1818, 1819 et 1820. Zoologie / par Louis de Freycinet.
Paris : Chez Pillet Aine, 1824.
591 FRE.

FREYCINET, Louis Claude Desaulses de, 1779-1842.

Voyage autour du monde : entrepris par ordre du roi ... execute sur les corvettes de S.M. l'Uranie et la Physicienne pendant les annees 1817, 1818, 1819 et 1820. Zoologie / par Louis de Freycinet.
Paris : Chez Pillet Aine, 1824.
Zoologie.
591 FRE.

FRIES, Bengt Fredrik.

Skandnaviens fiskar : Malade af W. von Wright, beskrifna af B. Fries, C.U. Ekstrom och C. Sundevall. Andra upplagan bearb. och fortsattning af F.A. Smitt.
Stockholm, P.A. Norstedt, [1892-95].
v. 1.
597.0948 FRI.

FRIES, Bengt Fredrik.

Skandnaviens fiskar : Malade af W. von Wright, beskrifna af B. Fries, C.U. Ekstrom och C. Sundevall. Andra upplagan bearb. och fortsattning af F.A. Smitt.
Stockholm, P.A. Norstedt, [1892-95].
v. 2.
597.0948 FRI.

FRIES, Bengt Fredrik.

Skandnaviens fiskar : Malade af W. von Wright, beskrifna af B. Fries, C.U. Ekstrom och C. Sundevall. Andra upplagan bearb. och fortsattning af F.A. Smitt.
Stockholm, P.A. Norstedt, [1892-95].
Atlas.
597.0948 FRI.

GARMAN, Samuel.

The Discoboli : Cyclopteridae, Liparopsidae, and Liparididae / by S. Garman.
Cambridge, Mass. : Harvard University, Museum of Comparative Zoology, 1892.
597.59458 GAR.

GARMAN, Samuel.
The Discoboli : Cyclopteridae, Liparopsidae, and Liparididae / by S. Garman.
Cambridge, Mass. : Harvard University, Museum of Comparative Zoology, 1892.
597.59458 GAR.

GARMAN, Samuel.
The Plagiostomia : (Sharks, skates, and rays) By Samuel Garman. With seventy-seven plates ...
Cambridge, U.S.A., Printed for the Museum, 1913.
Text.
597.3 GAR.

GARMAN, Samuel.
The Plagiostomia : (Sharks, skates, and rays) By Samuel Garman. With seventy-seven plates ...
Cambridge, U.S.A., Printed for the Museum, 1913.
Plates.
597.3 GAR.

GARRETT, Andrew.
Andrew Garrett's Fische der Sudsee : beschrieben und redigirt / von Albert C.L.G. Gunther ...
Hamburg : L. Friederichsen & Co., 1873-1910.
Bd. 1.
597.09164 GAR.

GARRETT, Andrew.
Andrew Garrett's Fische der Sudsee : beschrieben und redigirt / von Albert C.L.G. Gunther ...
Hamburg : L. Friederichsen & Co., 1873-1910.
Bd. 2.
597.09164 GAR.

GARRETT, Andrew.
Andrew Garrett's Fische der Sudsee : beschrieben und redigirt / von Albert C.L.G. Gunther ...
Hamburg : L. Friederichsen & Co., 1873-1910.
Bd. 3.
597.09164 GAR.

GEMMILL, James Fairlie, 1867-1926.
The teratology of fishes / by James F. Gemmill.
Glasgow : Maclehose, 1912.
597.0159 GEM.

GEOFFROY SAINT-HILAIRE, Etienne, 1772-1844.

Histoire naturelle des poissons du Nil.
[Paris : L'Imprimerie Imperiale], [1810].

Plates.

597.092962 GEO.

GOODE, G. Brown (George Brown), 1851-1896.

The fisheries and fishery industries of the United States. Prepared through the co-operation of the commissioner of fisheries and the superintendent of the tenth census by George Brown Goode ... and a staff of associates ...

Washington, Govt. Print. Off., 1884-87.

Section 1, plates.

597.0973 GOO.

GOODE, G. Brown (George Brown), 1851-1896.

The fisheries and fishery industries of the United States. Prepared through the co-operation of the commissioner of fisheries and the superintendent of the tenth census by George Brown Goode ... and a staff of associates ...

Washington, Govt. Print. Off., 1884-87.

Section 1, text.

597.0973 GOO.

GOODE, G. Brown (George Brown), 1851-1896.

Oceanic ichthyology, a treatise on the deep-sea and pelagic fishes of the world / by George Brown Goode and Tarleton H. Bean.

Washington, D.C. : Smithsonian Institution, 1895.

597.092 GOO.

GOSSE, Philip Henry, 1810-1888.

Natural history. Fishes. By P.H. Gosse ... Published under the direction of the Committee of general literature and education appointed by the Society for promoting Christian knowledge.

London : Printed for the Society for promoting Christian knowledge [1851].

597 GOS.

GOUAN, Antoine, 1733-1821.

Historia piscium : sistens ipsorum anatomem externam, internam, atque genera in classes et ordines redacta ... Cum iconibus = Histoire des poissons contenant la description anatomique de leurs parties externes et internes, et le caractere des divers genres ranges par classes et par ordres ... / auctore Antonio Gouan.

Argentorati : Konig, 1770.

597 GOU.

GRASSI, Battista.

Metamorfosi dei Murenoidi : ricerche sistematiche ed ecologiche / del Battista Grassi.

Jena : Gustav Fischer, 1913.

597.55317 GRA.

GRONOVIIUS, Laurentius Theodorus, 1730-1777.

Museum ichthyologicum, sistens piscium indigenorum & quorundam exoticorum, qui in Museo Laurentii Theodori Gronovii, J.U.D. adservantur, descriptiones ordine systematico. Accedunt nonnullorum exoticorum piscium icones aeri incisae ... Lugduni-Batavorum, Theodorum Haak, 1754-1756.

597 GRO.

GUNTHER, Albert C. L. G. (Albert Carl Ludwig Gotthilf), 1830-1914.

An introduction to the study of fishes / by Albert C.L.G. Gunther.

Edinburgh : Adam & Charles Black, 1880.

597 GUN.

GUNTHER, Albert C. L. G. (Albert Carl Ludwig Gotthilf), 1830-1914.

An introduction to the study of fishes / by Albert C.L.G. Gunther.

Edinburgh : Adam & Charles Black, 1880.

597 GUN.

HAMILTON, Francis, 1762-1829.

An account of the fishes found in the river Ganges and its branches. By Francis Hamilton, (formerly Buchanan.) ... With a volume of plates in royal quarto.

Edinburgh : Printed for A. Constable and Co.; [etc.] 1822.

Text.

597.092954 HAM.

HAMILTON, Francis, 1762-1829.

An account of the fishes found in the river Ganges and its branches. By Francis Hamilton, (formerly Buchanan.) ... With a volume of plates in royal quarto.

Edinburgh : Printed for A. Constable and Co.; [etc.] 1822.

Plates.

597.092954 HAM.

HAMILTON, Robert, M.D.

The natural history of British fishes / by R. Hamilton, esq., M.D., edited by Sir William Jardine, bart.

Edinburgh : W.H. Lizars, 1843.

v. 1.

597.0942 HAM.

HAMILTON, Robert, M.D.

The natural history of British fishes / by R. Hamilton, esq., M.D., edited by Sir William Jardine, bart.

Edinburgh : W.H. Lizars, 1843.

v. 2.

597.0942 HAM.

HARTWIG, G. (Georg), 1813-1880.

The sea and its living wonders : a popular account of the marvels of the deep and of the progress of maritime discovery from the earliest ages to the present time / by Dr. G. Hartwig.

London : Longmans, 1882.

574.92 HAR.

HISTOIRE NATURELLE : tome troisieme contenant les poissons.

Paris : Panckoucke ; Liege : Plomteux, 1787.

597 HIS.

HOLLAND, H.

Mongraphie de la famille des ostracionides / par H. Hollard.

[S.l. : s.n.], [18-?].

597.5994 HOL.

HOUGHTON, W. (William), 1828-1895.

British fresh-water fishes / by W. Houghton.

Hull : A. Brown & Sons, 1895.

597.092942 HOU.

HOUGHTON, W. (William), 1828-1895.

British fresh-water fishes / by the Rev. W. Houghton ; illustrated with a coloured figure of each species drawn from nature by A.F. Lydon, and numerous engravings.

London : W. Mackenzie, [1879].

v. [1].

597.092942 HOU.

HOUGHTON, W. (William), 1828-1895.

British fresh-water fishes / by the Rev. W. Houghton ; illustrated with a coloured figure of each species drawn from nature by A.F. Lydon, and numerous engravings.

London : W. Mackenzie, [1879].

v. [2].

597.092942 HOU.

JACQUINOT, Honore, 1814-

Reptiles et poissons / par Honore Jacquinot et A. Guichenot.

[Paris : Gide, 1853].

597 JAC.

JAQUET, Maurice.

Contribution a l'anatomie du Simenchelys parasiticus Gill / par Maurice Jaquet.

[Monaco] : Imprimerie de Monaco, 1920.

597.55321 JAQ.

JARDINE, William, Sir, 1800-1874.

The natural history of fishes of the perch family : illustrated by thirty-six plates coloured ; with memoir and portrait of Sir Joseph Banks, bart. / by Sir William Jardine, bart.

Edinburgh : W.H. Lizars, and Stirling & Kenney ; London : Samuel Highley ;

Dublin : W. Curry, Jun. & Co., 1835.

597.58 JAR.

JORDAN, David Starr, 1851-1931.

American food and game fishes : a popular account of all the species found in America north of the equator, with keys for ready identification, life histories and methods of capture / by David Starr Jordan and Barton Warren Evermann ; illustrated with colored

plates and text drawings, and with photographs from life by A. Radclyffe Dugmore.

New York : Doubleday, Page , c1902, 1905.

597.0012 JOR.

JORDAN, David Starr, 1851-1931.

The fishes of North and Middle America: a descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama /

By David Starr Jordan ... and Barton Warren Evermann ...

Washington : Govt. Print. Off., 1900.

597.097 JOR.

JUBB, R. A. (Rex A.).

Freshwater fishes of Southern Africa / [by] R. A. Jubb ; illustrations by H. M. Jubb.

Cape Town : Balkema, 1967.

597.092968 JUB.

KLEIN, Jacob Theodor, 1685-1759.

Historiae piscium naturalis.

Iacobi Theodori Klein Historiae piscium naturalis : promovendae missus ... de lapillis eorumque numero in craniis piscium : cum praefatione, de piscium auditu.

Gedani [i.e. Gdansk] : Litteris Schreiberianis, 1740-1749.

v. [1].

597 KLE.

KLUNZINGER, C. B.

Die Fische des Rothen Meeres : eine kirtische Revision mit Bestimmungstabellen.

Pt. 1. Acanthopteri veri Owen.

Stuttgart : E. tSchweizerbart'sche Verlagshandlung (E. Koch), 1884.

597.0916533 KLU.

KNER, Rudolf, 1810-1869.

Fische / bearbeitet von Dr. Rudolf Kner.

[Wien : s.n., 1865].

597.1 KNE.

KNER, Rudolf, 1810-1869.
Fische / bearbeitet von Dr. Rudolf Kner.
[Wien : s.n., 1865].
dritte abth. pp. 275-433+plates.
597.1 KNE.

LA CEPÉDE / M. Le Comte De (Bernard Germain Etienne De La Ville Sur Illon), 1756-1825.
Histoire naturelle des cetacees, par le citoyen La Cepede.
A Paris : Chez Plassan, [1804].
599.5 LAC.

LA CEPÉDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.
Histoire naturelle des poissons / par le citoyen La Cepede.
Paris : Chez Plassan, 1798-1803.
t. 1.
597 LAC.

LA CEPÉDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.
Histoire naturelle des poissons / par le citoyen La Cepede.
Paris : Chez Plassan, 1798-1803.
t. 2.
597 LAC.

LA CEPÉDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.
Histoire naturelle des poissons / par le citoyen La Cepede.
Paris : Chez Plassan, 1798-1803.
t. 3.
597 LAC.

LA CEPÉDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.
Histoire naturelle des poissons / par le citoyen La Cepede.
Paris : Chez Plassan, 1798-1803.
t. 4.
597 LAC.

LA CEPÉDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.
Histoire naturelle des poissons / par le citoyen La Cepede.
Paris : Chez Plassan, 1798-1803.
t. 5.
597 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 1.

591 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 2.

591 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 3.

591 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 1.

591 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 2.

591 LAC.

LA CEPEDE, M. le comte de (Bernard Germain Etienne de La Ville sur Illon), 1756-1825.

Oeuvres du comte de Lacepede : comprenant l'histoire naturelle des quadrupedes ovipares, des serpents, des poissons et des cetaces.

Paris : P. Dumenil, 1836.

t. 3.

591 LAC.

LESSON, R. P. (Rene Primevere), 1794-1849.
Voyage autour du monde, execute par ordre du roi sur la corvette de Sa Majeste, La Coquille, pendant les annees 1822, 1823, 1824 et 1825. Zoologie / par MM. Lesson et Garnot.
Paris : Arthus Bertrand, 1826-1830.
Atlas.
591 LES.

LOWE, Richard Thomas, 1802-1874.
A history of the fishes of Madeira / by Richard Thomas Lowe ... With original figures from nature of all the species, by the Hon. C.E.C. Norton and M. Young.
London : Bernard Quaritch, 1843-60.
597.094698 LOW.

MULLER, Joh., 1801-1858.
Horae Ichthyologicae : beschreibung und Abbildung neuer Fische. Von Johannes Muller und Franz Hermann Troschel.
Berlin : Veit & Comp., 1845-1849.
Heft 1&2.
597 MUL.

MULLER, Joh., 1801-1858.
Systematische Beschreibung der Plagiostomen / von J. Muller und J. Henle.
Berlin : Veit, 1841.
597.3 MUL.

NUSBAUM-HILAROWICZ, Jozef, 1859-1917.
Etudes d'anatomie comparee sur les poissons provenant des campagnes scientifiques de S.A.S. le Prince de Monaco / par Joseph Nusbaum-Hilarowicz.
[Monaco] : Imprimerie de Monaco, 1920-.
fasc. 58.
597.04 NUS.

NUSBAUM-HILAROWICZ, Jozef, 1859-1917.
Etudes d'anatomie comparee sur les poissons provenant des campagnes scientifiques de S.A.S. le Prince de Monaco / par Joseph Nusbaum-Hilarowicz.
[Monaco] : Imprimerie de Monaco, 1920-.
fasc. 65.
597.04 NUS.

PAPPE, L. (Ludwig), 1803-1862.
Synopsis of the edible fishes at the Cape of Good Hope / by L. Pappe.
Cape Town : Van de Sandt de Villiers & Tier, 1853.
597.0968 PAP.

PETERS, Wilhelm C. H. (Wilhelm C. Hartwig), 1815-1883.
Naturwissenschaftliche Reise nach Mossambique auf Befehl Seiner Majestat des Königs
Friedrich Wilhelm IV in den Jahren 1842 bis 1848 ausgeführt / von Wilhelm
C.H. Peters.
Berlin : Georg Reimer, 1868.
597.096797 PET.

PLAYFAIR, R. Lambert (Robert Lambert), Sir, 1828-1899.
The fishes of Zanzibar : Acanthopterygii / by R. Lambert Playfair.
Pharyngognathi, etc., by Albert C. L. G. Gunther.
Kentfield, Calif : Gregg, [1971].
597.096781 PLA.

POWRIE, James.
A monograph of the fishes of the old red sandstone of Britain. By James Powrie
... and E. Ray Lankester ...
London, Printed for the Palaeontographical Society, 1868-
Part 1.
567.0942 POW.

RANZANI, Camillo, 1775-1841.
Camilli Ranzani ... De naturali historia dissertationes.
Bononiae : [s.n.], 1844.
591 RAN.

RECEUIL DES REPTILES ET POISSONS / Par M. Bocourt ... [et al.]. S.L. : S.N., [186-
].
597 REC.

REGAN, C. Tate (Charles Tate), b. 1878.
The freshwater fishes of the British Isles, by C. Tate Regan ... with twenty-seven figures
and thirty-seven plates by the author.
London, Methuen & Co. [1911].
597.092942 REG.

RICHARDSON, John, Sir, 1787-1865.
Ichthyology of the voyage of H.M.S. Erebus & Terror, under the command of Captain Sir
James Clark Ross ... / by Sir John Richardson ...
London: : Printed by Edward Newman, Devonshire Street, Bishopsgate Street, 1844-
1848.
597 RIC.

RICHARDSON, John, Sir, 1787-1865.
Icones piscium, or, Plates of rare fishes / by John Richardson.
London : Richard and John E. Taylor, 1843.
597 RIC.

RONDELET, Guillaume, 1507-1566.

Libri de piscibus marinis.

Gulielmi Rondeletii Doctoris medici et medicinae in schola Monspeliensi professoris regii Libri de piscibus marinis, : in quibus verae piscium effigies expressae sunt. ; Quae in tota piscium historia contineantur, indicat elenchus pagina nona et decima. ; Postremo accesserunt indices necessarii.

Lugduni : Apud Matthiam Bonhomme : Excudebat Matthias Bonhomme., M.D. LIIII-M.D. LV. [1554-1555].

597 RON.

ROULE, Louis, b.1861-.

Poissons provenant des campagnes du Prince Albert Ier de Monaco / Louis Roule, Fernand Angel.

Monaco : Imprimerie de Monaco, 1933.

fasc. 86.

597.09213 POI.

ROULE, Louis, b. 1861.

Poissons provenant des campagnes du yacht Princesse-Alice (1891-1913) et du yacht Hirondelle II (1914) / par Louis Roule ; avec sept planches doubles.

[Monaco] : Imprimerie de Monaco, 1919.

fasc. 52.

597.09213 POI.

ROYAL COLLEGE OF SURGEONS OF ENGLAND. Museum.

Descriptive Catalogue Of The Fossil Organic Remains Of Reptilia And Pisces Contained In The Museum Of The Royal College Of Surgeons Of England.

London : Taylor And Francis, 1854.

567.074 ROY.

RUCDP# Neue Wirbelthiere Zu Der Fauna Von Abyssinien Gehorig / Entdeckt Und Beschrieben Von Eduard Ruppell.

Frankfurt Am Main : S. Schmerber, 1835.

591.0963 RUP.

RUPPELL, Eduard, 1794-1884.

Atlas zu der reise im nordlichen Afrika / von Eduard Ruppell. 1. Abth. Zoologie.

Hrsg. von der Senkenbergischen Naturforschenden Gesellschaft.

Frankfurt am Main, Gedruckt und in commission bei H. L. Bronner, 1826-28.

v. [4].

591.0961 RUP.

RUPPELL, Eduard, 1794-1884.

Neue Wirbelthiere zu der Fauna von Abyssinien gehorig / entdeckt und beschrieben von Eduard Ruppell.

Frankfurt am Main : S. Schmerber, 1835.

591.0963 RUP.

RUSSELL, Patrick, 1727-1805.

Descriptions and figures of two hundred fishes : collected at Vizagapatam on the coast of Coromandel / by Patrick Russell ... ; presented to the Hon. the court of directors of the East India Company, and published by their order, under the superintendence of the author ...

London : Printed by W. Bulmer, 1803.

v. 1.

597.0954 RUS.

SAUVAGE, M. H.

Histoire naturelle des poissons / par M.H. Sauvage.

Paris : Imprimerie Nationale, 1891.

Text.

597.09691 SAU.

SAUVAGE, M. H.

Histoire naturelle des poissons / par M.H. Sauvage.

Paris : Imprimerie Nationale, 1891.

Tables.

597.09691 SAU.

SCHLOSSER, Johann Albert, d. 1768.

Brief van Johannes Albertus Schlosser ... aan ... Ferdinand Dejean ... der amboinische
haagdis.

Amsterdam : [s.n.], 1768-1772.

591 SCH.

SCHOMBURGK, Robert H. (Robert Hermann), Sir, 1804-1865.

The natural history of the fishes of Guiana ...

Edinburgh, W.H. Lizars; [etc.] 1841-43.

Pt. 1.

598.09881 SCH.

SCHOMBURGK, Robert H. (Robert Hermann), Sir, 1804-1865.

The natural history of the fishes of Guiana ...

Edinburgh, W.H. Lizars; [etc.] 1841-43.

Pt. 2.

598.09881 SCH.

SHAW, George, 1751-1813.

General zoology, or systematic natural history. v. 4 & 5. Pisces / George Shaw.

London : G. Kearsley, 1803.

v. 4, pt. 1.

597 SHA.

SHAW, George, 1751-1813.

General zoology, or systematic natural history. v. 4 & 5. Pisces / George Shaw.

London : G. Kearsley, 1803.

v. 4, pt. 2.

597 SHA.

SHAW, George, 1751-1813.

General zoology, or systematic natural history. v. 4 & 5. Pisces / George Shaw.

London : G. Kearsley, 1803.

v. 5, pt. 1.

597 SHA.

SHAW, George, 1751-1813.

General zoology, or systematic natural history. v. 4 & 5. Pisces / George Shaw.

London : G. Kearsley, 1803.
v. 5, pt. 2.
597 SHA.

SILVA, A. A. Baldaque.
Estado actual das pescas em Portugal / por A.A. Baldaque da Silva.
Lisboa : Imprensa Nacional, 1891.
597.09469 SIL.

SMITH, J. L. B. (James Leonard Brierley), 1897-1968.
The fishes of Seychelles / by J.L.B. Smith and Margaret Mary Smith.
Grahamstown : J.L.B. Smith Institute of Ichthyology, 1963.
597.09696 SMI.

STEINDACHNER, Franz, 1834-1919.
Zur Fischfauna des Senegal / von Franz Steindachner.
[Wien : Kaiserl. Akademie der Wissenschaften, 1869-1870].
597.0929663 STE.

STENSIO, Erik Andersson, 1891-
Triassic fishes from Spitzbergen, by Erik A:son Stensio.
Vienna, A. Holzhausen, 1921-
Pt. 1.
597.0981 STE.

SWAINSON, William, 1789-1855.
The natural history of fishes, amphibians, & reptiles, or monocardian animals / by
William Swainson.
London : Longman, Orme, Brown, Green & Longmans, and John Taylor, 1838-1839.
v. 1.
597.0012 SWA.

SWAINSON, William, 1789-1855.
The natural history of fishes, amphibians, & reptiles, or monocardian animals / by
William Swainson.
London : Longman, Orme, Brown, Green & Longmans, and John Taylor, 1838-1839.
v. 2.
597.0012 SWA.

TABULAR View Of The Orders & Families Of Fishes.
London : S.P.C.K., [ca. 1850].
597.0012 TAB.

TEMMINCK, C. J. (Coenraad Jacob), 1778-1858.
Fauna Japonica sive Descriptio animalium, quae in itinere per Japoniam, jussu et auspiciis superiorum, qui summum in India Batava imperium tenent, suscepto, annis 1825 - 1830 collegit, notis, observationibus et adumbrationibus illustravit Ph. Fr. de Siebold. Conjunctis studiis C. J. Temminck et H. Schlegel pro vertebratis atque W. de Haan pro invertebratis elaborata / Ph. Fr. de Siebold. Coenraad Jacob Temminck; Herman Schlegel; Willem de Haan [Mitarb.]. []
[Kupfer].
Lugduni Batavorum : Arnz, 1842.
597.0952 TEM.

TENNENT, James Emerson, Sir, 1804-1869.
Sketches of the natural history of Ceylon : with narratives and anecdotes illustrative of the habits and instincts of the mammalia, birds, reptiles, fishes, insects &c. : including a monograph of the elephant and a description of the modes of capturing and training it with engravings from original drawings / by Sir J. Emerson Tennent.
London : Longman, Green, Longman, and Roberts, 1861.
591.095493 TEN.

TENNISON-WOODS, J. E.
Fish and fisheries of New South Wales / by J.E. Tennison-Woods.
Sydney : Thomas Richards, 1882.
597.09944 TEN.

TRINCHESE, Salvatore, 1836-1897.
AEolididae e famiglie affini del porto di Genova, per Salvatore Trinchese ...
Bologna, Tipi Gamberini e Parmeggiani, 1877-81.
Pt. 1.
594.0945 TRI.

TRINCHESE, Salvatore, 1836-1897.
AEolididae e famiglie affini del porto di Genova, per Salvatore Trinchese ...
Bologna, Tipi Gamberini e Parmeggiani, 1877-81.
Pt. 2.
594.0945 TRI.

AN UNIVERSAL System Of Natural History ... Forming A Magnificent View Of The Three Kingdoms Of Nature ...
London, Printed for the proprietor [1794-1807].
v. 9 (Fishes 1).
597.1 UNI.

AN UNIVERSAL System Of Natural History ... Forming A Magnificent View Of The Three Kingdoms Of Nature ...
London, Printed for the proprietor [1794-1807].
v. 10 (Fishes 2).
597.1 UNI.

AN UNIVERSAL System Of Natural History ... Forming A Magnificent View Of The Three Kingdoms Of Nature ...
London, Printed for the proprietor [1794-1807].
v. 11 (Fishes 3).
597.1 UNI.

VAILLANT, Leon, 1834-1914.
Etudes sur les poissons / par MM. Leon Vaillant et Bocourt.
Paris : Imprimerie Nationale, 1874.
597.0728 VAI.

VAILLANT, M. Leon.
Essai monographique sur les silures du genre Synodontis / par M. Leon Vaillant.
[S.l. : s.n.], 19--?].
597.5842 VAI.

VALENCIENNES, M., 1794-1865.
Ichthyologie des iles Canaries, ou Histoire naturelle des poissons, rapportes par MM. P.-B. Webb et S. Berthelot, et decrits par M.A. Valenciennes.
[Paris, Bethune, 1836-43].
597.09649 VAL.

WEBER, Max, 1852-1937.
Die fische der Siboga-expedition, von Max Weber ... mit 12 tafeln und 123 figuren im text.
Leiden, E.J. Brill, 1913.
597 WEB.

WHITEHEAD, Peter James Palmer.
Forty drawings of fishes made by artists who accompanied Captain James Cook on his three voyages to the Pacific, 1768-71, 1772-75, 1776-80, some being used by authors in the description of new species. Text by P.J.P. Whitehead.
London, Trustees of the British Museum (Natural History), 1968.
597.0022 FOR.

WILLUGHBY, Francis, 1635-1672.

Historia piscium.

Francisci Willughbeii De historia piscium libri quatuor : jussu & sumptibus Societatis Regiae Londinensis editi : in quibus non tantum de piscibus in genere agitur, sed & species omnes, tum ab aliis traditae, tum novae & nondum editae bene multae, naturae ductum servante methodo dispositae, accurate describuntur : earumque effigies, quotquot haberi potuere, vel ad vivum delineatae, vel ad optima exemplaria impressa; artificii manu elegantissime in aes incisae, ad descriptiones illustrandas exhibentur : cum appendice historias & observationes in supplementum operis collatas complectente / totum opus recognovit, coaptavit, supplevit, librum etiam primum & secundum intergros adjecit Johannes Raius e Societate Regia.

Oxonii : E Theatro Sheldoniano, 1686.

597 WIL.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 2.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes. By William Yarrell.

London, J. Van Voorst, 1841.

v. 1.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes. By William Yarrell.

London, J. Van Voorst, 1841.

v. 2.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 1.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 1.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 2.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 1.

597.0942 YAR.

YARRELL, William, 1784-1856.

A history of British fishes / by William Yarrell.

London : John Van Voorst, 1836.

v. 2.

597.0942 YAR.

ZOOLOGISCHES MUSEUM (BERLIN, Germany).

Verzeichniss der Doubletten des Zoologischen Museums der Konigl. Universitat zu Berlin nebst Beschreibung vieler bisher unbekannter Arten von Saugethieren, Vögeln, Amphibien und Fischen / herausgegeben von H. Lichtenstein.

Berlin : In Commission bei T. Trautwein, 1823.

591.074 ZOO.