Methodology for Bibliographic Research

1. Apropos Items

a. Marine Biology within the area involved: from the bulge in northern Peru to Bering Sea and Kamchatka, including marine plankton, fish and plants, marine environmental conditions and oceanography, geography, topography and expeditions.

b. Life history, ecology, natural history or other accounts of extra-limital forms closely related to Pacific Coast species, in which the same ideas might apply.

c. Extra-limital marine sociological or other ecological studies, such as the fauna of mud flats, sand beaches, estuaries, rocky shores, etc., anywhere in the world.
Decapoda Bibliogr.
Genl. Crust, papers
with imp. Decapod data

Faxon, W. 1895

The Stalk Eyed Crustacea...Albatross...1891

NOT on hand. Desireable. Probably can be purchased
from MCZ, Harvard $ 20.00

SM-6
d. Orientation accounts in groups for which there is no comprehensive orientation account regarding Pacific Coast forms.

2. When new literature is received

Check to see if its (apropos, and) already cited in the bibliography. If so, clip the corner of the card to indicate that now it's on hand and where it's filed. If not make out (usually) a salmon card, with any necessary cross reference cards—the original stamped with the CR rubber stamp. In the case of very old accounts which will have been picked up, digested and cited in more modern papers, the citation should be made on the blue printed card. If short, the abstract can be typed on the reverse of the card.
Decapoda Bibliogr
Natantia

Burkenroad, M. D. 1934

The Penaridea of Louisiana, with a discussion of the world relationships.

(note in my bibliogr. NE, SoC, says "for definitions of 3 Pacific spp")

Bull. Amr. Mus. Nat. Hist. 68 (or 67?), 2 (or 3) pp 61-143

Not on hand. Desired (and probably procurable thru Am Mus Nat Hist, if not otherwise thru Van Name) if it in fact XXXXX diagnoses Pac spp not elsewhere diag
3. Working in a library

-reading the original literature, keep a supply of salmon and blue cards at hand, and enter each apropos paper as it's being examined, with cross reference cards made on blank yellow 3 x 5s, and with abstracts on the reverse where desireable. If the abstract is long, note the NSMB number and page.

4. Reading Biological Abstracts

Make out cards at the time, citing the month and year and number of the abstract.
Taylor, George 1912

Preliminary list of one hundred and twenty nine species of British Columbia decapod crustacea.


Probably desirable (since it postdates Rathbun 1904 and since so far as I know there's no comprehensive subs. acct. - should be looked at first however). Probably available thru Fisheries Research Bd Canada per correspond.
5. Instructions for filling out cards

On the upper margins of cards citing extra-limital material, the words "Orientation Account" should be typed in, or, as appropriate, the abbreviation "E.L" followed by "Similar-to-PacCoast-sp.", "Ecology", "Life History" "Natural History" or "Ecological Study".

Five types of 3 x 5 cards are in use. White Printed, for items already cited in BPT or SoC bibliographies. Red Printed (obsolete) used still occasionally for special bibliographies such as Sardine, or for extra-biological items. Blue Printed for old accounts which will have been considered in more recent accounts which we already cite. The standard Salmon Printed card for most apropos items. And the Yellow Unprinted Card, which is used for cross reference items.
Raymond Olmsted, J M D, and J. P. Baumberger 1923

Form and growth of grapsoid crabs

Jour. Morphol. 38 (2): 278-294

NOT on hand. A mathematical acct, app. not very import. for NH, ecol. or systematics. Could maybe be got thru Baumberger who used to be, I think, at Oregon, or ask someone at HMS where he is.
Graffeo Nu-vise Signal tabs, light blue, will be used on white cards to call attention to an item, already cited in one book which should be used also in another.

Punch marks will be used on the right hand margin of the salmon cards to indicate that the item in question should be cited in a forthcoming edition.

The adding of the tabs, and punching out the triangular wedges can be attended to whenever I find out for sure (often when the card is being made) that the item should be cited in the projected book.

Three rubber stamps are used as follows:

"Purchased to bibliography of ..." to be used when items in the NSNBooks have been picked up and cited
Verrill, A. E. 1869b (1869 and 1869a are Coelen.)

On some new and imperfectly known echinoderms and corals

Proc Bost Soc Nat Hist 12: 381-396

NOT on hand

§k-12
"Bibliographic Cross Reference to ..." to be stamped on the upper margin of printed cards to indicate that the necessary cross reference unprinted cards have been made.

"Accessioned and entered in bibliography of ..." to be stamped on cover or fly leaves of papers and books when received and catalogued.

Position of Tabs.

Verrill, A. E. 1870

Descriptions of echinoderms and corals from the Gulf of California


NOT on hand
Still to be done on bibliogr. file.
May 13, 1947

1. Have all cards cut flush with the size of the smallest, including both those already filled in and those still blank in stock.

2. Go thru all my past notebooks, Gulf NBs and all MS NBooks, to see that there is a reference on the appropriate card, to all reading done to date, by page number, and NB number.

3. Go thru all Biol. Abstr. from EEM No. 1 of Vol. 1, to make sure that we've picked up all appropriate items, and that the month, year and abstract numbers are entered on the card in the proper place.
Verrill, A. E. 1871

Additional observations on echinoderms, chiefly from the Pacific coast of America

Trans Conn Acad 1: 568-593, PIs. 9 and 10

NOT on hand

SK-14
4. Keep up to date on biological literature, by examining all Biol. Abstracts as issued, and by checking through U Calif Publ in Zool and in Oceanogr., U Wash publ ditto. Journal Marine Research, and any other likely journals that aren't delivered here.
Rathbun, M. J. 1902 (a)

Brachyura and Macrura. No 8 in: Papers from the Hopkins Stanford Galap. Exp...


NOT on hand. Desirable. Possibly can be purch. from Wash. Acad. Sci.
<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>Invert. Genl.</td>
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<tr>
<td>Crustacean Genl.</td>
<td>38</td>
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<td>Crustacea</td>
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<tr>
<td>Ostracod</td>
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<tr>
<td>Cirripedia</td>
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<td>Rhizocoelom</td>
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<tr>
<td>Amphipod</td>
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<tr>
<td>Isopod</td>
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<tr>
<td>Schizopanopod</td>
<td>14</td>
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<tr>
<td>Nebaliidae</td>
<td>4</td>
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<tr>
<td>Stomatopoda</td>
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<tr>
<td>Cunacean</td>
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<tr>
<td>Decapoda</td>
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<td>Turbellaria Genl.</td>
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<tr>
<td>Polyclad</td>
<td>14</td>
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<tr>
<td>Trematode</td>
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<td>Cestoda</td>
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<tr>
<td>Total</td>
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<td>Nematoda</td>
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<td>Bryozoa</td>
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<td>Mollusca</td>
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<td>Echinoderm</td>
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<tr>
<td>Asteridae</td>
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<td>Holothuria</td>
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Echinoderm Bibliogr
Echinoidea

Johnson, Martin W  1930

Notes on the larval development of Strongylocentrotus franciscanus

Publ Pug Sd Wiol Sta  7: 401-11

NOT on hand  p 276
Ecol + Biol

Bales 42
Exped 58
Ecol, NH 34
Others 43

177

Oceanogr

99

Plankton

149

Voyages

8

Misc

2

Vancid 13

Aleut

34

Low Cal

55

112

Sardine

154

Soupfin stalk

2

693

1580

2273
Clark, H. L. 1914

North Pacific Ophiurans etc

Bull U S N M, 75: 302 pp etc

On hand. On genl. shelves
For various U.W.M. purposes
see project NSND # 2


Phosphate of marine ink
globules - Acc annulets
For Gulf Calif Oceanogr Papers, see 0.105 NSF #2