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August 10, 1979

Dr. Dely Noronha
Depto de Helminologia
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Rio de Janeiro
BRASIL

Dear Dr. Noronha:

Thank you for your manuscript on the Acanthocephala which was sent to me by Dr. Gomes recently. It is quite good and I especially like your table of data on host-parasite associations.

With this letter, I am returning your original manuscript and offering several suggestions relating, primarily, to the table and introduction.

With respect to the table, which is very useful, I suggest that the format be modified as indicated in the enclosed model. This is necessary in order to conserve space, and I am making the same suggestion for the other helminth bibliographies prepared by your colleagues.

The suggested format is that of a list. I also suggest a) that we eliminate the names of the authorities of the hosts' scientific names (and subspecific names of hosts??), and b) that we indicate the source of information for each host-parasite association by means of numbers which correspond to footnotes to the table. This (b) will greatly increase the utility of the table as a guide to the literature.

I have made numerous minor changes in your bibliographic list. Please review these. For Diaz-Ungria and Rodrigues (1960) you need to provide the name of the publisher and the city of publication. For the two works by Petroschenko, you do not give the title of the larger work of which Skrjabin was (apparently) the editor. Please provide this.

The second half of your introduction beginning with the penultimate paragraph on page 1, consists of comments on individual works. I recommend that all of these be presented as annotations in the bibliographic list itself. Note that annotations will be given only in English. If you leave sufficient space in your revised bibliographic list, you may present the annotations in Portuguese and I will translate them.

I suggest you expand your introduction somewhat, in accordance with the criteria presented in the original project description. First, it would be useful at the beginning of your introduction to provide a brief summary of the appearance (size, shape, gross external anatomy in very general terms) of acanthocephalans; and a general description of acanthocephalan life cycles,

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including the kinds of aquatic invertebrates which serve as intermediate hosts. Second, can you provide some recommendations as to which works are most useful for identifying acanthocephalans in tropical South America? Or are there no synoptic works with good identification keys?

The above information is the kind which will be most useful to the biologists who will refer to your chapter.

I hope you can make the suggested changes and send me a revised manuscript soon. Some additional work is involved, but it will be well worth the effort.

Thank you for the contribution you are making to the project.

Sincerely,



Stuart H. Hurlbert

SHH:ple

cc: N. D. Dos Santos

enc.

MODEL OF FORMAT FOR HELMINTH TABLES

TABLE 1. List of zooparasitic nematodes, their known hosts, and their known hosts, and their occurrence in tropical South America. Names of nematodes are in boldface, those of their hosts are in italics. Countries in which a given host-parasite association has been recorded are denoted as follows: A = Argentina, BO = Bolivia, BR = Brazil, C = Colombia, FG = French Guiana, PA = Paraguay, PE = Peru, PN = Panama, S = Suriname (Dutch Guiana), U = Uruguay, V = Venezuela. Numbers following countries indicate source of information as listed at bottom of table.

PARASITES OF FISH

TRICHURIDAE

Capillaria carioca Freitas & Lent, 1935: *Spheroides testudineus* (BR-1).

HEDRURIDAE

Hedruris orestiae Moniez, 1839: *Orestias mulleri* (BO-7, PE-13).

H. basilichtensis Mateo, 1971: *Basilichthys bonariensis* (BO-7, PE-46).

PARASITES OF AMPHIBIANS

ASCARIDAE

Ochoternella vellardi (Travassos, 1928): *Bufo marinus* (V-11), *B. paracnemis* (BR-4), ...

PARASITES ONLY ON INVERTEBRATES

1. Smith. 1960. J. Parasitol. 18:273, 2. ... , 7. Gonzalez (1972), ..., 13,
13. Travassos (1933), etc.

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