

Memo from
JOSHUA LEDERBERG

To: Dr. Soares

"D+↓

AUG 1 1974

Tentative classification of the
biology of sciences...

Thank you for your courtesy in
sending me this report.

It would be helpful if you could
furnish additional details of the
literature references for
Cosmobiology 1938? (p. 25) and
for the other specific terms you
reviewed. Also, do you know
of any analogous ^{recent} efforts at classifi-
cation of sciences in other fields?

Thank you

encl.

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JOSHUA LEDERBERG

To:

40530 ✓

P.S. I coined exobiology - in
contrast to esobiology - for any
aspect of inquiry about organisms
occupying habitats beyond the
earth.

"Astrobotany" seemed too con-
fusing: plants might not
corresponding to the phyletic orga-
nization of exobiota; and astro
implied stars. If this also con-
prises our sun, it would not
distinguish terrestrial from extra-
terrestrial. "Cosmobiology" has, as
you comment, precisely that cosmic
connotation.

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ANTONIO SOARES Filho

**TENTATIVA DE CLASSIFICAÇÃO
DAS CIÊNCIAS BIOLÓGICAS ESPACIAIS**

**TENTATIVE CLASSIFICATION
OF THE BIOLOGICAL SCIENCES IN SPACE**

**ESSAI DE CLASSIFICATION
DES SCIENCES BIOLOGIQUES SPATIALES**

**TENTATIVA DE CLASIFICACIÓN
DE LAS CIENCIAS BIOLÓGICAS ESPACIALES**

NATAL - BRASIL

1972