

M/S 789

Dear Dr Hinde

I write again after a little further work on the species. I can now I think distinguish the drift species of *Protospira* independently of their roots, by the character of the bag, & the number of specimens. I will separate the large & small families of *P. polymorpha* & the latter from the recent names of species will be as I have named previously *Stella*. The latter I suppose will be eliminated, & used only for maps of roots not connected with any distinguishable species. There will thus remain as distinct the following:—

- P. tetrauma*
- P. monuma*
- P. bathypneis*
- P. polymorpha*
- P. cernata*

Yours
H. S. G. S.

I find that some at least
of the fine speculate sponges
are as you inferred tetrac-
twelled like Peterpurga.
On the other hand there
are two other types one
with long straight spicules,
very fine, and another
with stout spicules arranged
in fine = like bundles (see
figure) and which may
be parts of bundles of
short superficial spicules
radiating from small oscula.
This last form is that
which I originally referred
to Sarcocladia. Do
you know any similar
type - need a fine x

Trigones

Some of the patches set aside
as fine speculate are also I
find fragments of Peterpurga
much encrusted with Brite
so that the spicules are
scarcely distinguishable.

W
Audey
Springs
Apr 89