

180 fathoms, . . . . .	49·8	600 fathoms, . . . . .	38·9
190 " . . . . .	49·3	700 " . . . . .	38·1
200 " . . . . .	49·0	800 " . . . . .	37·5
300 " . . . . .	44·5	900 " . . . . .	37·0
400 " . . . . .	41·8	1000 " . . . . .	36·5
500 " . . . . .	40·1	Bottom, . . . . .	34·5

Density at 60° F. at surface, 1·02638 ; 1900 fathoms, 1·02640.

Depth, 2350 fathoms ; deposit, Radiolarian Ooze, containing 2·00 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

Under sail during the forenoon. At 1.20 P.M. shortened and furled sails and got up steam. At 1.30 P.M. sounded in 2350 fathoms. Obtained serial temperatures down to 1000 fathoms. At 4 P.M. completed observations and made sail. Frigate birds and boatswain birds were seen.

Distance at noon from Venus Point, Tahiti, 768 miles. Made good 79 miles. Amount of current 31 miles, direction S. 75° W.

RADIOLARIA (Haeckel, Zool. pt. 40).—The following species of Radiolaria were observed in the deposit from this Station :—

ORGANISMS FROM  
THE DEPOSIT.

<i>Cenosphaera hexagonalis</i> , Haeckel.	<i>Zygartus chrysalis</i> , Haeckel.
<i>Carposphaera melitomma</i> , Haeckel.	<i>Astrostrum ephyra</i> , Haeckel.
<i>Solenosphaera pandora</i> , Haeckel.	<i>Helioliscus trigonodon</i> , Haeckel.
" <i>megalactis</i> , Haeckel.	<i>Trigonactura rhopalastrella</i> , Haeckel.
<i>Clathrosphaera lamellosa</i> , Haeckel.	<i>Atractura clavigera</i> , Haeckel.
<i>Xanthosphaera lappacea</i> , Haeckel.	<i>Archidiscus polythalamus</i> , Haeckel.
<i>Xiphosphaera planeta</i> , Haeckel.	<i>Axodiscus spinosum</i> , Haeckel.
<i>Stylocromyum amphiconus</i> , Haeckel.	<i>Stylodictya centrospira</i> , Haeckel.
<i>Staurosphaera judæ</i> , Haeckel.	<i>Amphymenium pupula</i> , Haeckel.
<i>Hexalonche cristata</i> , Haeckel.	<i>Stauralastrum lanceolatum</i> , Haeckel.
<i>Acanthosphaera tenuis</i> , Haeckel.	<i>Stylotrochus geddesii</i> , Haeckel.
<i>Heliosphaera hexagonaria</i> , Haeckel.	<i>Spongolena rhopalura</i> , Haeckel.
<i>Ellipsoxiphus elegans</i> , Haeckel.	<i>Dictyocoryne tetradiscus</i> , Haeckel.
<i>Prunulum coccymelium</i> , Haeckel.	<i>Spongaster quadratus</i> , Haeckel.
<i>Lithatractus carduelis</i> , Haeckel.	<i>Pylonium nephrophyllium</i> , Haeckel.
" <i>gamoporus</i> , Haeckel.	<i>Amphitholonium octostylium</i> , Haeckel.
<i>Stylatractus variabilis</i> , Haeckel.	<i>Cubotholus regularis</i> , Haeckel.
<i>Cyphonium profundum</i> , Haeckel.	<i>Archicircus princeps</i> , Haeckel.
<i>Cyphiniidium coronatum</i> , Haeckel.	" <i>primordialis</i> , Haeckel.
<i>Panartus tetrapius</i> , Haeckel.	<i>Cortina dendroides</i> , Haeckel.
<i>Peripanartus cylindrus</i> , Haeckel.	<i>Clathrocircus multiformis</i> , Haeckel.
<i>Panicium scoparium</i> , Haeckel.	<i>Cortiniscus tripodiscus</i> , Haeckel.
<i>Ommatocampe nereis</i> , Haeckel.	<i>Stephaniscus tetrapodius</i> , Haeckel.
<i>Ommatartus amphicanna</i> , Haeckel.	<i>Podocoronis polypodiscus</i> , Haeckel.
<i>Zygocampe chrysalidium</i> , Haeckel.	<i>Toxarium circospyris</i> , Haeckel.