

Table 1. Castracane diatom slide collection

Scientific Name / Sample Name	Latitude	Longitude	Sea / Ocean (on slide)	Castracane (1886) Sea / Ocean	Method	Depth (fathoms)	Castracane (1886)		BM Slide No.
							Page	Plate-Figure	
<i>Actinocyclus complanatus</i> n. sp.				Off Japan	dredge		145	IV-9	33771A
<i>Actinocyclus pruinosus</i> n. sp.	34 37 N	140 32 E		Pacific Ocean	trawl		144	IV-2	33772
<i>Actinocyclus clevei</i> n. sp.				Off Japan	plankton net		143	iv-6	33773
<i>Actinocyclus ehrenbergii</i>			Arafura Sea		plankton net		142		33774
<i>Actinocyclus decipiens</i> n. sp.			Arafura Sea		plankton net				33775
<i>Actinocyclus denticulatus</i> n. sp.				Arafura Sea			146	iv-5	33776
<i>Odontodiscus trochos</i> var.					sound.				33777
<i>Odontodiscus trochos</i> n. sp.					sound.				33778
<i>Odontodiscus parmula</i> n. sp.					sound.				33779
<i>Odontodiscus convexus</i> n. sp.					sound.				33780
<i>Odontodiscus coronatus</i> n. sp.					sound.				33781
<i>Cestodiscus coronatus</i> n. sp.	24 42 N	152 1 W		Pacific Ocean	trawl	2900	124	vii-9	33782
<i>Stictodiscus margaritaceus</i> n. sp.				Off Philippines		705	120	xvii-12	33783
<i>Stictodiscus affinis</i> n. sp.				Off Cebu (Philippine Sea)		785	119	i-4	33784
<i>Stictodiscus bicoronatus</i> n. sp.	34 37 N	140 32 E		Off Japan	trawl		120	vi-5	33785
<i>Stictodiscus elegans</i> n. sp.				Off Japan	trawl		121	xiii-3	33786
<i>Stictodiscus affinis</i> n. sp.				Off Cebu (Philippine Sea)		100	119	I-4	33787
<i>Stictodiscus affinis</i> var. <i>late-zonata</i>			Sulu Sea			100	119	xvii-11	33788
<i>Stictodiscus bicoronatus</i> n. sp.				Off Japan	dredge	345	120	vi-5	33789
<i>Stictodiscus eulensteinii</i>					trawl	500	117	I-7	33790
<i>Stictodiscus radiatus</i> var.				Off Cebu			117	I-1	33791
<i>Glyphodesmis margaritaceus</i> n. sp.				Off Cebu		100	44	xviii-10	33792
<i>Glyphodesmis murraviana</i> n. sp.				Off Philippines	sound.	576	43	xviii-12	33793
<i>Glyphodesmis challengerensis</i> n. sp.				Philippine Sea	sound.	200	44	xviii-13	33794
<i>Odontodiscus gemmifer</i> n. sp.	24 42 N	152 1 W			trawl	2900			33795
<i>Coscinodiscus denticulatus</i> n. sp.				Pacific Ocean	dredge		155	iii-8	33796
<i>Coscinodiscus reniformis</i> n. sp.						95	160	xii-12	33797
<i>Coscinodiscus centralis</i>	38 31 N	155 89 E		Off Japan			155	ii-3	33798
<i>Coscinodiscus denarius</i>						1950			33799
<i>Hyalodiscus radiatus</i>					sounding	28	139	x-1	33800
<i>Hyalodiscus radiatus</i>					dredge	75	139	x-1	33801
<i>Podosira maculata</i>					plankton net		145		33802
<i>Hyalodiscus maximus</i>	35 39 S	50 47 W			sound.				33803
<i>Hyalodiscus stelliger</i>			Inland-sea, Japan		plankton net				33804
<i>Brightwellia spectabilis</i> n. sp.	24 42 N	152 1 W			trawl				33805
<i>Biddulphia</i> ?	34 37 N	140 32 E			trawl				33806
<i>Navicula spectabilis</i> var.						95	32	xxviii-9	33807
<i>Navicula janischii</i> n. sp.				Off Bermuda		100	29	xxx-5	33808
<i>Navicula lyra</i> var. <i>signata</i>				Off Philippines	dredge		33	xxx-13	33809
<i>Navicula lyra</i> var. <i>dilatata</i>						100			33810
<i>Triceratium arcticum</i> var.						2900	107		33811
<i>Isthmia enervis</i> var. <i>japonica</i>	32 31 N	135 39 E		Off Japan			96	xxv-5	33812
<i>Cerataulus turgidus</i>				Off Japan		345	101	xxvi-6,8	33813
<i>Cerataulus</i>					trawl		100		33814
<i>Cerataulus turgidus</i>			Inland-sea, Japan	Off Japan			101	xxvi-6,8	33815
<i>Terpsinoe musica</i>					trawl	136			33816
Collections of H.M.S. Challenger	38 10 N	9 14 W							33817
Collections of H.M.S. Challenger	33 46 N	19 17 N							33818
Collections of H.M.S. Challenger	5 56 S	34 45 W							33819
Collections of H.M.S. Challenger	49 16 S	70 12 E							33820
Collections of H.M.S. Challenger									33821
Collections of H.M.S. Challenger	60 57 S	80 20 E							33822
Collections of H.M.S. Challenger	60 57 S	80 20 E							33823
Collections of H.M.S. Challenger	65 42 S	79 49 E							33824
Collections of H.M.S. Challenger	64 37 S	85 49 E							33825
Collections of H.M.S. Challenger	34 08 S	152 0 E							33826
Collections of H.M.S. Challenger	36 41 S	158 79 E							33827
Collections of H.M.S. Challenger	4 21 S	159 7 E							33828
Collections of H.M.S. Challenger	8 0 N	121 42 E							33829
Collections of H.M.S. Challenger	17 29 N	141 42 E							33830
Collections of H.M.S. Challenger	35 20 N	153 39 E							33831
Collections of H.M.S. Challenger	35 22 N	169 69 E							33832
Collections of H.M.S. Challenger	35 22N	169 53 E							33833
Collections of H.M.S. Challenger	12 42 N	152 1 W							33834
Collections of H.M.S. Challenger	7 35 N	149 49 W							33835
Collections of H.M.S. Challenger	3 48 S	152 56 W							33836
Collections of H.M.S. Challenger	7 25 S	152 15 W							33837
Collections of H.M.S. Challenger	18 40 S	149 52 W							33838
Collections of H.M.S. Challenger	22 21 S	150 17 W							33839
Collections of H.M.S. Challenger	28 22 S	141 22 W							33840
Collections of H.M.S. Challenger	38 43 S	112 31 W							33841
Collections of H.M.S. Challenger	34 7 S	73 56 W							33842
Collections of H.M.S. Challenger	42 43 S	82 11 W							33843
Collections of H.M.S. Challenger	36 44 S	46 16 W							33844
			Southern Ocean						33845
									33846
				Pacific					33847
				South Atlantic					33848
									33849
									33850
				South Atlantic					33851
				South Atlantic					33852
									33853
Collections of H.M.S. Challenger									33854
Collections of H.M.S. Challenger									33855
Collections of H.M.S. Challenger									33856
Collections of H.M.S. Challenger									33857
<i>Aulacodiscus africanus</i>									33858
<i>Aulacodiscus affinis</i>									33859
<i>Aulacodiscus brownii</i>									33860
<i>Aulacodiscus conberi</i>									33861
<i>Aulacodiscus formosus</i>									33862
<i>Aulacodiscus johnsonii</i>									33863
<i>Aulacodiscus kittoni</i>									33864
<i>Aulacodiscus kittoni</i>									33865
<i>Aulacodiscus kittoni</i>									33866
<i>Aulacodiscus kittoni</i>									33867
<i>Aulacodiscus kittoni</i>									33868
<i>Aulacodiscus margaritaceus</i>									33869
<i>Aulacodiscus</i>									33870
<i>Aulacodiscus oregonus</i>									33871
<i>Aulacodiscus pulcher</i>									33872

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							Page	Plate-Figure	
<i>Aulacodiscus pulcher</i>									33873
<i>Aulacodiscus scaber</i>									33874
<i>Aulacodiscus</i>									33875
<i>Aulacodiscus ?</i>									33876
<i>Auliscus caelatus</i>									33877
<i>Auliscus</i>									33878
<i>Auliscus grunovii</i>									33879
<i>Auliscus ?</i>									33880
<i>Auliscus grevillei</i>									33881
<i>Auliscus hardmanianus</i>									33882
<i>Auliscus hardmanianus</i> var. <i>obscura</i>									33883
<i>Auliscus punctatus</i>									33884
<i>Auliscus</i>									33885
<i>Auliscus</i>									33886
<i>Auliscus</i>									33887
<i>Auliscus</i>									33888
<i>Euplectella ?</i>									33889
<i>Isthmia</i>					dredge		96		33891
			South Pacific		trawl				33892
<i>Triceratium</i>									33893
<i>Asteromphalus ?</i>									33894
	35 39 S	50 47 W							33895
<i>Coscinodiscus</i>			Arafura Sea		net				33896
<i>Coscinodiscus</i>	34 37 N	1470 32 E			trawl				33897
<i>Coscinodiscus moseleyi</i>							153		33898
<i>Coscinodiscus janischii</i>					net				33899
<i>Coscinodiscus</i>					dredge				33900
<i>Coscinodiscus</i>			Arafura Sea		nst				33901
<i>Asteromphalus elegans</i>									33902
<i>Coscinodiscus</i>					net				33903
<i>Coscinodiscus subtilis</i>									33904
<i>Eupodiscus jonesianus</i>			Arafura Sea		net		126		33905
<i>Coscinodiscus ?</i>	31 31 N	135 34 S							33906
<i>Eupodiscus</i>									33907
<i>Auliscus</i>									33908
<i>Naviculae ?</i>									33909
<i>Isthmia ?</i>									33910
<i>Isthmia enervis</i>							96		33911
<i>Cestodiscus ovalis</i>									33912
<i>Campylodiscus clypeus</i>									33913
<i>Willemkosia</i> Castr.(<i>Coscinodiscus humilis</i>)	0 33 S	151 34 W				2425			33914