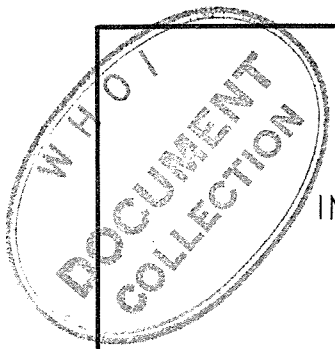


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U.S. PROGRAM IN BIOLOGY  
INTERNATIONAL INDIAN OCEAN EXPEDITION

FINAL CRUISE REPORT  
ANTON BRUUN CRUISES 7,8,9

VOLUME 2 (of 2)

INDIAN OCEAN EXPEDITION



WOODS HOLE OCEANOGRAPHIC INSTITUTION

OCTOBER, 1965

U. S. PROGRAM IN BIOLOGY  
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Final Report: R/V ANTON BRUUN, Cruises 7, 8 and 9

Volume 2 (of 2)

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Table 5

Summary of major activities - Cruise 8  
(exclusive of benthic collections)

Station	Date	Position		Hydro Cast	Prim. Prod.	Plankton Tows		NV-70	
		Latitude	Longitude			75M25	IOSN		75M3
393	25 Sep 64	29°32'S	31°18'E	x	x			x	
394	25 Sep 64	29°26'S	31°33'E	x	x			x	
395	26 Sep 64	29°29'S	32°04'E	x	x		x	x	
396	28 Sep 64	25°34'S	38°19'E	x	x	x	x		x
397	28 Sep 64	25°10'S	33°15'E	x	x			x	
398	29 Sep 64	25°17'S	34°04'E	x	x	x	x		x
399	1 Oct 64	22°30'S	36°07'E	x	x	x	x		x
400	2 Oct 64	21°11'S	36°23'E	x	x		x		
401	3 Oct 64	20°42'S	35°50'E	x	x			x	
402	4 Oct 64	20°14'S	35°16'E	x	x			x	
403	9 Oct 64	19°10'S	36°19'E	x	x			x	
404	9 Oct 64	18°52'S	37°41'E	x	x	x	x		x
405	10 Oct 64	18°33'S	39°48'E	x	x		x		x
406	12 Oct 64	18°04'S	41°52'E	x	x	x	x		x
407	13 Oct 64	17°41'S	42°31'E	x	x		x		x
408	15 Oct 64	16°46'S	43°45'E	x	x			x	
409	17 Oct 64	16°13'S	43°41'E	x	x			x	
410	20 Oct 64	15°25'S	44°22'E	x	x	x	x		x
411	21 Oct 64	14°24'S	46°08'E	x	x	x	x		x
412	22 Oct 64	13°22'S	47°54'E	x	x	x	x		x
413	29 Oct 64	12°56'S	46°43'E	x	x	x	x		x
414	29 Oct 64	12°36'S	45°55'E	x	x	x	x		x
415	31 Oct 64	10°34'S	44°23'E	x	x	x	x		x
416	1 Nov 64	08°45'S	43°39'E	x	x	x	x		x
417	2 Nov 64	07°03'S	42°34'E	x	x	x	x		x
418	3 Nov 64	05°10'S	41°40'E	x	x	x	x		x
419	5 Nov 64	04°17'S	41°10'E	x	x	x	x		x
420	5 Nov 64	03°07'S	40°39'E	x	x	x	x		
421	6 Nov 64	02°56'S	40°23'E	x	x			x	

Table 6 Summary of Benthic and Miscellaneous Collections - Cruise 8

Station	Date	Position		Depth (m)	Gear & Remarks
		lat. (°S.)	long. (°E.)		
393A	25 Sep 64	29° 32'	31° 17'	50-53	GMT
393B	"	29° 32'	31° 17'	53	Ockelman Dredge
394A	"	29° 26'	31° 32'	68	Ockelman Dredge
394B	"	29° 27'	31° 31'	68-70	GMT
395A	26 Sep 64	29° 28'	32° 05'	890	Ockelman Dredge
395B	"	29° 32'	32° 01'	750-820	GMT
395C	"	29° 33'	32° 00'	820	Ockelman Dredge
396A	28 Sep 64	25° 34'	33° 19'	450	Menzies Trawl
396B	"	25° 32'	33° 24'	450-455	GMT
396C	"	25° 29'	33° 35'	450	GMT
397A	29 Sep 64	25° 12'	34° 04'	230-295	GMT
397B	"	25° 18'	34° 04'	320	Ockelman Dredge
397C	"	26° 07'	34° 11'	600-665	GMT
397D	"	26° 14'	34° 04'	665	Ockelman Dredge
398B	1 Oct 64	22° 25'	35° 54'	740	GMT
398C	"	22° 27'	35° 50'	660	Ockelman Dredge
399A	"	22° 33'	36° 10'	925	Menzies Trawl
399B	"	22° 30'	36° 07'	850-960	GMT
399C	2 Oct 64	21° 18'	36° 18'	1510-1600	GMT
400A	"	21° 12'	36° 24'	1530	Menzies Trawl
400C	3 Oct 64	20° 30'	35° 43'	62	GMT
400D	"	20° 30'	35° 42'	62	GMT
400E	"	20° 30'	35° 55'	36-40	Hand Line
401B	4 Oct 64	19° 50'	36° 21'	65	GMT
401C	"	19° 51'	36° 21'	62	GMT
401D	"	19° 49'	36° 21'	62	Ockelman Dredge
401E	"	20° 30'	35° 55'	32	Ockelman Dredge
401F	"	20° 30'	35° 49'	32	GMT
401FF	"	19° 48'	35° 50'	24	Ockelman Dredge
401H	"	19° 50'	35° 49'	22	Hand Line
402A	"	20° 14'		15	DLS

Station	Date	Position		Depth (m)	Gear & Remarks
		lat. (°S,)	long.(°E.)		
403A	9 Oct 64	19°09'	36°20'	27-30	GMT
403B	"	19°09'	36°22'	30	Ockelman Dredge
403C	"	19°08'	36°41'	45	GMT
403D	"	19°04'	36°44'	45	Ockelman Dredge
403E	"	19°09'	36°55'	88	GMT
403F	"	19°09'	36°55'	88	Ockelman Dredge
403G	"	19°09'	36°55'	140-160	Ockelman Dredge
405C	11 Oct 64	18°22'	40°13'	2560	Menzies Trawl
405D	"	18°18'	40°53'	2190	Night Light
406A	12 Oct 64	18°05'	41°55'	400	Rock Dredge
406B	"	18°05'	41°55'		GMT
406D	13 Oct 64	18°27'	41°17'	2150	Deep Line
407A	"	18°24'	42°11'	2125	Menzies Trawl
407C	"	17°35'	43°02'	1360	GMT
407D	13/14 Oct 64	17°32'	43°05'	1360	Menzies Trawl
407E	14 Oct 64	17°30'	43°05'	1360	Night Light
407F	"	17°22'	43°07'	710	Deep Line
407G	"	17°22'	43°07'	710	Flag Line
407I	14/15 Oct 64	17°19'	43°14'	58	Hand Line
407J	15 Oct 64	16°44'	43°44'	58	GMT
408A	"	16°43'	43°43'	60	Ockelman Dredge
408B	"	16°40'	43°41'	60	GMT
408C	"	16°47'	43°19'	150-300	Menzies Trawl
408D	"	16°42'	43°19'	150-300	Rock Dredge
408F	16 Oct 64	16°21'	43°59'	27	Poison Station and Anchor Fishing
409A	17 Oct 64	16°12'	43°41'	400	Ockelman Dredge
409B	"	16°08'	43°34'	1260	Deep Line
409C	"	16°13'	43°46'	23	Hand Line
409E	18 Oct 64	16°11'	43°42'	62	Rock Dredge
409F	"	16°11'	43°53'	62	GMT
409G	"	16°12'	43°54'	75	Ockelman Dredge
409H	"	16°12'	43°54'	35	Drift
409I	19 Oct 64	16°03'	44°09'	25	GMT
409J	"	16°02'	44°14'	25	Ockelman Dredge

Station	Date	Position		Depth (m)	Gear & Remarks
		lat. (°S.)	long. (°E.)		
409K	19 Oct 64	15°52'	44°23'	30	GMT
409L	"	15°58'	44°53'	20	Ockelman Dredge
409M	"	15°58'	45°02'	27	Hand Line
410A	20 Oct 64	15°07'	44°21'	3100	Menzies Trawl
412A	22 Oct 64	13°22'	47°53'		Ockelman Dredge
412B	"	12°47'	47°43'	25	Ockelman Dredge
412C	"	12°47'	47°42'	23	Hand Line
412D	"	12°46'	47°45'	44	GMT
412E	"	12°46'	47°45'	43	Hand Line
412F	"	12°45'	47°49'	750	Deep Line
412G	"	12°45'	47°50'	1000	Deep Line
412H	"	12°45'	47°50'	1000	Night Light
412I	23 Oct 64	12°43'	48°12'	280-410	Ockelman Dredge
412J	"	12°42'	48°14'	58-110	Ockelman Dredge
412K	"	12°53'	48°13'	30	Hand Line
413A	29 Oct 64	12°32'	45°50'	3530	Menzies Trawl
414A	30 Oct 64	12°07'	44°12'	2100	Night Light
414B	"	12°08'	44°12'	640	Deep Line
414C	"	12°08'	44°12'	1000	Deep Line
416A	1 Nov 64	08°45'	43°39'	3850	Menzies Trawl
416B	"	08°45'	43°39'	3850	Night Light
418A	3 Nov 64	05°11'	41°38'	3050	Menzies Trawl
418B	"	05°08'	41°37'	3050	Night Light
418C	4 Nov 64	04°11'	40°59'	1500	Deep Line
418D	"	04°11'	40°59'	1500	Deep Line
418E	"	04°11'	40°57'	1500	Flag Line
418F	"	04°14'	40°59'	1550	Menzies Trawl
418G	"	04°15'	41°00'	1600	GMT
419A	5 Nov 64	03°42'	40°44'	820	GMT
419B	"	03°33'	40°54'	910	Menzies Trawl
419C	"	03°38'	40°55'	1125	GMT
419D	"	03°12'	40°37'	440	Ockelman Dredge

Station	Date	Position		Depth (m)	Gear & Remarks
		lat. (°S.)	long. (°E.)		
420A	6 Nov 64	02°42'	40°53'	140	GMT
420B	"	02°43'	40°55'	145	Ockelman Dredge
421A	7 Nov 64	02°54'	40°23'	34	Ockelman Dredge
421B	"	02°54'	40°23'	34	Rock Dredge
421C	"	02°54'	40°25'	150	Ockelman Dredge
421D	"	02°54'	40°25'	150	Rock Dredge
421E	"	02°52'	40°28'	250	Ockelman Dredge
421F	"	02°50'	40°28'	250	Rock Dredge
421G	8 Nov 64	02°56'	40°28'	240	GMT
421H	"	02°50'	40°31'	290	GMT
421I	"	02°47'	40°34'	225	GMT

















