

TE VEGA EXPEDITIONS
STANFORD UNIVERSITYSta. No. 139 Date JUNE 5, 1964 Time _____ Field No. _____Lat. 20°35'S Long. 57°35'E Chart U.S.N.O. 5446Locality ABOUT "8 MILES SSE OF MAURITIUS"ONE TRIGLID CAUGHT ON HOOK & LINE^{BETWEEN 200 & 250 FMS} BY MR. PHILIP SCOTT,FUEL, FLACQ, MAURITIUS, INDIAN OCEAN, AND PRESENTED TO"TE VEGA" BY HIM. ALTHOUGH THERE IS CONSIDERABLEDEEP-WATER FISHING DONE HERE, THIS SPECIES WASENTIRELY UNKNOWN TO THE LOCAL FISHERMEN.INFORM MR SCOTT OF ITS IDENTITY WHEN IT ISDETERMINED.THE FISH WAS ROSY PINK DORSALLY AND VERY PALE~~PINKISH~~ PINKISH WHITE BELOW WHEN RECEIVED FROZENPRESERVATIVE: FORMALIN IN SEA WATERCollector PHILIP SCOTT Recorder Reginald Babin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 135 Date 3 JULY, 1964 Time 1030 Field No. _____

Lat. 12° 28' 30" S Long. 48° 00' 00" E Chart BRITISH ADMIRALTY 706

Locality BAIE D' AMBAVATOBE, ENTRANCE TO NOSSI BE, NORTH-
EASTERN MADAGASCAR, CAUGHT WHILE TROLLING AT 8 KNOTS
ON SURFACE OVER WATER 17 FATHOMS DEEP

Collector _____ Recorder Ray D. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 136 Date 5 July, 1964 Time 0900-1100 Field No. _____
 Lat. 14° 86' 25" S Long. 51° 00' 10" E Chart FRENCH HYDROGRAPHIC CHART 5128 AND LOCAL "CARTE DE NOSSI BE" OF THE SERVICE GÉOGRAPHIQUE DE MADAGASCAR.
 Locality RIO DJABAL, A SMALL RIVER IN SOUTHWESTERN NOSSI BE, AT DJADALAHELY,

A small freshwater stream. The water rather opaque supporting a rather heavy green algal growth on bottom. The area of collection is about 100-250 yards long & consists of three pools separated by two small riffles. Surface water flow around 200 gal. per minute. Water temperature 22.8°C. The stream is in shade morning and afternoon but break in tree cover will allow for several hours direct sunlight around midday. Substrate composed of gravel, cobbles and a soft, "muddy" sandstone. Depth of Pools range from 1-5 feet with average depth around 2-3 feet. Flow in large upper pool about 3 ft/min.

2 PORTUNIDS (TAKEN BY GROSS)

1 FRESH-WATER SHRIMP. (PRACTICALLY BLACK WHEN ALIVE)

SYNGNATHIDAE	ONE	SERIES	1	SPECIMEN
CATCH. ANGUILLA MARMORATA (?)	"	"	SEVERAL	"
CICHLIDAE	"	"	1	"
KUHLIDAE	"	"	MANY	"
LUTIANIDAE	"	"	3	"
Gobiidae	"	"	MANY	"
ELEOTRIDAE	"	"	MANY	"
SCATOPHAGIDAE	"	"	SEVERAL	"

Collector BOLIN & PARTY

Recorder D.P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 137 Date 11/VII/64 Time 2030 - 2400 Field No. _____

Lat. 12° 10' S Long. 44° 23' 30" E Chart BRITISH ADMIRALTY 2066 (ED. 1956)

Locality OFF MUTSAMUDU, ANJOUAN ISLAND, COMORES.

AT ANCHOR IN 15 FMS.

DIP NET UNDER NIGHT LIGHT

CATCH. HEMIRHAMPHUS SP; ATHERINA AFRA; DACTYLOPTERUS ORIENTALIS;

SYMBOLOPHORUS SP; (WITH PARASITIC COPEPODS); CERATOSCOPELUS; DIAPHUS

SQUIDS, STOMATOPOD LARVAE; ZOËAE;

Collector INGA BÖETIUS

Recorder Boeth. Boeth

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 138 Date 12/VI/64 Time 2030-2230 Field No. _____

Lat. 12°10'S Long. 44°23'30" E Chart BRITISH ADMIRALTY 2066 (ED. 1956)

Locality OFF MUTSAMUDU, ANJOUAN, COMORES

AT ANCHOR IN 19 FMS.

DIP NET UNDER NIGHT LIGHT

DACTYLOPTERUS ORIENTALIS; HEMIRHAMPHIDS; FISTULARID;

MULLIDAE; TETRAODONTIDAE; Atherinidae; CLUPTIDAE;

ENGRAULIDAE; HETEROSOMATE; DIAPHUS SP.; ETC.

SQUID, OCTOPUS (PHOTOGRAPHED - D.H.E.)

POLYCHAETES

MANY SMALL SHRIMPS & HALOBATES AROUND THE LIGHT

10% FORMALIN IN SEA WATER

Collector DAVID H. EVANS Recorder David H. Evans

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 139 Date 13/VII/64 Time 1330-1430 Field No. _____

Lat. 12°07'S Long. 44°20'E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMORES, DEPTH 1600 M
DSL INDICATED AT CA. 300 & 500 M, THE LATTER THE STRONG ONE.
DISTANCE TO SHORE CA. 4 MILES. SEA CALM, WAVES CA 1 FT.
SUNNY, SURFACE TEMP. 25.6°C.

TUCKER TRAWL. ESTIMATED 900 M. WIRE OUT. (METER READER BROKEN)
WIRE L. ~~50~~⁶⁰ ESTIMATED DEPTH OF HAUL 500 M.

HAUL VERY POOR, PROBABLY DID NOT REACH SCATTERING LAYER.
SIPHONOPHORES; MEDUSAE; AMPHIPODS (PHRONIMA + OTHERS); STOMATOPOD
LARVAE; POLYCHAETS; HETEROPODS; PTEROPODS; CHAETOGNATHS,
CEPHALOPODS, ETC.

Collector _____ Recorder Ralph B. Boer

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 140 Date 14/VII/64 Time _____ Field No. _____

Lat. CA. 12° 09' S Long. CA. 44° 23' E Chart U.S.H.O. 3826

Locality OFF ~~ANJOUE~~ MATSAMUDA, ANJOUAN, COMORES.

PURCHASED FROM LOCAL FISHERMAN.

THYRSITOIDES MARLEYI FOWLER. (REPORTED IN SMITH'S "SEA
FISHES OF SOUTHERN AFRICA" TO BE KNOWN FROM ONLY THREE
SPECIMENS)

Collector ZEMA Recorder Reginald P. Boer

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 141 Date 15/VII/64 Time 1330-1500 Field No. _____

Lat. 12°07'S Long. 44°20'E Chart USHO, 3826 (1ST ED)

Locality NORTH SIDE OF ~~SEE~~ ANJOUAN ISLAND, COMORES, DEPTH 1600M.

CA. 4 MILES FROM SHORE, SUNNY, SEAS CA 1 FT.

TUCKER TRAWL, 1700 M. WIRE OUT; ESTIMATED DEPTH 700 M.

CATCH

STOMIAS; CHAULIODUS; GONOSTOMA; CYCLOTHONE; STERNOPTYX; LAMPANYCTUS;

PYROSEMA; CYSTOSEMA; MYSIDS; EUPHAUSIDS; SHRIMPS; CHAETOGNATHS

HETEROPOD; MEDUSAE; SIPHONOPHORES.

Collector _____ Recorder Ralph Balmi

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 142 Date 16/VII/64 Time 1015-1145 Field No. _____

Lat. 12°07'S Long. 44°15'E Chart U.S.H.O. 3826 (1st ED)

Locality NORTH OF ANJOUAN ISLAND, COMORES. CA 3 MILES FROM
SHORE. SEA CALM. SCATTERED CLOUDS. DEPTH 1670 M
TUCKER TRAWL, CA. 1350 M. WIRE. ESTIMATED DEPTH
600 M.

CATCH:

OPISTHOPROCTUS (BROKEN); ARGYROPELECUS (A VERY LARGE ONE); STERNOPTYX;
GONOSTOMA; DIPLOPHOS (?); MELANOSTOMIATIDAE; ASTRONESTHIDAE; CYCLOTHONE;
CHAULIODUS; MYCTOPHIDAE (SEVERAL SPECIES); ETC.
PYROSOMES; PHRONIMA; PHYLLOSOME LARVA; SHRIMPS; MEDUSAE

Collector _____

Recorder Ray D. Boes.

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 143 Date 16/VII/64 Time 1415-1530 Field No. _____

Lat. 12°08'S Long. 44°22'E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMORES. 2 MILES OFF
SHORE. DEPTH. 1350 M. SEA CALM, SCATTERED CLOUDS.
TUCKER TRAWL. CA 1350 M WIRE OUT. ESTIMATED DEPTH
600 M.

CATCH:

CHAULIODUS; CYCLOTHONE; MYCTOPHIDS; LEPTOCEPHALUS;
PYROSOMES, ETC. (CHAULIODUS USED FOR MUSCLE SAMPLE)

Collector _____ Recorder Doop B. Bain

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 144 Date 16/VII/64 Time _____ Field No. _____

Lat. 12° 00' S Long. 44° 22' E Chart U.S.H.O. 3826 (1ST ED.)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMORES.

FISH TRAP SET 1230 ON 15/VII/64 IN 1300M; PICKED UP
AT 0945 ON 17/VII/64 OVER 1200 M DEPTH. BOTTOM OF
TRAP WITH A LARGE HOLE.

CATCH: ONE LARGE RED SHRIMP ONLY.

Collector _____ Recorder Prof. P. Balin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 145 Date 17/VII/64 Time 1800-1930 Field No. _____

Lat. 12° 08' S Long. 44° 22' E Chart U.S.H.O. 3826 (1ST ED.)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMORES.

SEA CALM, AFTER DARK.

TUCKER TRAWL - 1300 M WIRE OUT. ESTIMATED DEPTH 600 M.

CATCH:

RATHER POOR CATCH - GONOSTOMA, MYCTOPHIDS, ETC.

(GONOSTOMA USED FOR MUSCLE SAMPLE)

Collector _____ Recorder Prof. P. Balci

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 146 Date 18/VII/64 Time _____ Field No. _____

Lat. 12°09'S Long. 44°23'E Chart U.S.H.O 3826

Locality MUTSAMUDU, ANJOUAN ISLAND, COMOROS

PURCHASED FROM LOCAL FISHERMAN (ZEMA)

Collector _____ Recorder R. P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 147^r Date 18/VII/1964 Time 1245-1430 Field No. _____

Lat. 12° 08' S. Long. 44° 21' E Chart U.S.H.O 3826 (1ST ED.)

Locality NORTH SIDE OF ANJOUAN ISLAND COMORES.

SEA CALM - SCATTERED CLOUDS.

TUCKER TRAWL. 1300 M WIRE OUT. ESTIMATED DEPTH 600 M.

STERNOPTYCHIDS; CYCLOTHONE; MYCTOPHIDS; ONE SMALL
IDIACANTHUS; FEW SHRIMPS & ISOPODS; PYROSOMES

Collector _____ Recorder Deep W. Belm

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 148 Date 18/VII/64 Time 1500-1630 Field No. _____

Lat. 12°07'S Long. 44°20'E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMOROS.

SEA CALM. SCATTERED CLOUD.

TUCKER TRAWL 1300 M. WIRE OUT, ESTIMATED DEPTH
600 M.

SEVERAL DEEP SEA FISHES IN FINE CONDITION: LARGE
CHAULIODUS; LARGE IDIACANTHUS; OPISTHOPROCTUS; MALACOSTEUS
BATHYPHILLA; GONOSTOMA; MYCTOPHIDS; CYCLOTHONE; SQUID,
STERNOPTYX; MEDUSA (? ATOLLA); CTENOPHORES (? BOLINIA)
SHRIMPS; AMPHIPODS; PYROSOME; HETEROPOD, ETC.

ONE MONACANTHID (CAUGHT ON WAY UP NEAR SURFACE)

Collector _____ Recorder Rep. S. Belin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 149 Date 18 VII 64 Time 1900 - 2100 Field No. _____

Lat. 12° 10' S Long. 44° 23' 30" E Chart British Admiralty 2066 (Ed. 1956)

Locality at anchor off Mutsumudu, Anjouan, Iles Comores; using
dipnet under night light; brilliant moonlight from half moon.

Collection: 2 species of squids

Nyctoteuthis

megalopa larvae

small shrimps

assorted fish - all small

Collector _____

Recorder Larry C. Oglesby

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 150 Date 18/VII/64 Time _____ Field No. _____

Lat. 12°08'S Long. 44°22' E Chart U.S.H.O 3826 (1st ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS, DEPTH 1300 M,

FISH TRAP SET 1630 HRS / 17/VII/64 - RETRIEVED 0900 HRS. 19/VII/64

ENTRANCE FUNNEL REVERSED WHEN IT SURFACED.

CATCH: 1 SHARK (~~SHARK~~ EUPROTOMICRUS)

4. LARGE SHRIMPS

SEVERAL AMPHIPODS ON BAIT.

Collector _____ Recorder Roy P. Balon

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 151 Date 19/VII/64 Time 1300-1500 Field No. _____

Lat. 12° 10' 30" S, Long. 44° 21' E, Chart U.S.H.O. 3826 (1ST ED)

Locality JUST WEST OF ABANDANI, NORTH COAST OF ANJOUAN

ISLAND, COMORES,

CORAL REEF CA 100 YARDS OFF SHORE; REEF FLAT CA, 2 M DEEP, DROPPING OFF ABRUPTLY FROM LIP. CUT BY SHEER-WALLED SURGE CHANNELS CA 10 M WIDE AND TAPERING IN TO NOTHING. THESE WITH FLAT BOTTOMS OF BLACK BASALTIC SAND AT ABOUT 6 OR 7 M. LIGHT SWELL, VERY LITTLE CURRENT, VISIBILITY CA 20 FT. POISONED, 10% FORMALIN IN SEA WATER.

EELS (2); PLOTOSIDAE (1); SYNODONTIDAE (1); FISTULARIIDAE (1); HOLOCENTRIDAE (4); APOGONIDAE (CA 6); POMACENTRIDAE (CA 5); HOLACANTHIDAE (1); MULLIDAE (CA 3); SERRANIDAE (CA 3); LABRIDAE (1); ACANTHURIDAE (3); MONACANTHIDAE (2); CIRRIHITIDAE (4); SCORPAENIDAE (CA 5); PLATYCEPHALIDAE (1); ZANCLIDAE (1); TETRAODONTIDAE (1); CANTHIGASTERIDAE (2); BROTULIDAE (1); BLENNIIDAE (CA 4); TRIPTERYGIIDAE (1); GOBIIDAE (1); ANTENARIIDAE (1). TOTAL SPECIES CA. 55

Collector BOLIN & PARTY Recorder Rae P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 152. Date ~~20/VI~~ 19/VII/64 Time _____ Field No. _____

Lat. 12° 08' S Long. 44° 22' E. Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS. 800 M. DEPTH

FISH TRAP SET 1200 HRS 18/VII/64, RETRIEVED 1010 HRS. 20/VII/64.

CATCH: 1 CONGER EEL.

Collector _____ Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 153 Date 20/VII/64 Time 1200-1315 Field No. _____

Lat. 12°08'S Long. 44°22'E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMORES, DEPTH OF WATER 1300 M.

TUCKER TRAWL, 1300 M WIRE OUT, ESTIMATED DEPTH, 600M,

Collector _____ Recorder Robert Behm

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 154. Date 20/III/64 Time 1400 - 1515 Field No. _____

Lat. 12°08' Long. 44°20'E Chart U.S. H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND COMORES, WATER 1300 M DEEP.

TUCKER TRAWL, 1300 M. WIRE OUT. ESTIMATED DEPTH, 600 M.

CHAULIODUS (USED FOR MUSCLE); BATHYPHILLA (USED FOR MUSCLE SAMPLE);

OTHER SMALL MELANOSTOMIATIDS; ARGYROPELECUS; CYCLOTHONE; SAGITTA;

HETEROPODS; SQUID; PYROSOMA; EUPHAUSIDS; ETC.

Collector _____ Recorder Raef A. Boji

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 155 Date 20/VII/64 Time _____ Field No. _____

Lat. 12° 08' S Long. 44° 22' E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS. 700 M.

FISH TRAP SET 1150 HRS. 20/VII/64 RETRIEVED 1100 HRS 21/VII/64.

CATCH. 1 CONGER ELL

4 RED SHRIMPS.

Collector _____ Recorder Ralph R. Bell

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 156 Date 21/VII/64 Time 1115-1230 Field No. _____

Lat. 12° 08' S Long. 44° 22' E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH SIDE OF ANJOUAN ISLAND, COMOROS. SUNNY,
TUCKER TRAWL, 1300 M WIRE OUT. ESTIMATED DEPTH OF
NET 600 M.

POOR HAUL. 2 LARGE ARGYROPELECUS (USED FOR MUSCLE
SAMPLES) AND SEVERAL SMALL ONES; A FEW MYCTOPHIDS; SMALL
CYCLOTHONE; PYROSOMA; EUPHAUSIDS; CHAETOGNATHS, ETC.

Collector _____

Recorder _____

Ralph D. Balwin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 157 Date 21/VII/69. Time 1400-1530 Field No. _____

Lat. 12°08'S Long. 44°20'E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS, SUNNY.

TUCKER TRAWL, 1500 M. WIRE OUT. ESTIMATED DEPTH OF
NET 750 M.

CATCH. OPISTHOPROCTUS (2 SPECIMENS USED FOR MUSCLE
SAMPLES AND VISCERA EXAMINED FOR HELMINTH PARASITES);
GONOSTOMA (ONE EXAMINED FOR HELMINTHS); (?) DANAPHOS;
MYCTOPHIDS; ARGYROPELECUS; EUPHAUSIDS; PHRONIMA; SIPHONO-
PHORES, ETC.

Collector _____ Recorder Rog. V. Berlin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 158 Date 21/VII/64 Time _____ Field No. _____

Lat. 12°08' S Long. 49°21' E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS. 750 M.

FISH TRAP SET AT 1545 HRS. 20/VII/64, RETRIEVED AT 1600 HRS,
21/VII/64.

TOTAL CATCH. 9 RED PRAWNS

Collector _____ Recorder Ray P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 159 Date 22/VII/64 Time 1000-1130 Field No. _____

Lat. 12°08' N. S. Long. 44°22' E Chart U.S.H.O. 3826 (1ST ED)

Locality NORTH OF ANJOUAN ISLAND, COMOROS.

TUCKER TRAWL - 1500 M WIRE OUT. ESTIMATED DEPTH OF NET
750 M.

RATHER POOR CATCH: 1 OPISTHOPROCTUS (USED FOR MUSCLE
SAMPLE & HELMINTHS); CYCLOTHONE; MYCTOPHIDS; RED SHRIMPS;
MEDUSAE; CHAETOGNATHS, ETC.

Collector _____ Recorder Dr. P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 160 Date 23/VII/64 Time _____ Field No. _____

Lat. 12°09'S. Long. 44°23'E Chart U.S.H.O. 3826

Locality MUTSAMUDU, ANJOUAN, COMORO ISLANDS.

3 SPECIMENS OF (?) RUVETTUS

PURCHASED FROM ZEMA (LOCAL FISHERMAN), CAUGHT ON
HOOK & LINE

Collector ZEMA Recorder Raepa. Baeni

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 101 Date JULY 31, 1964 Time 0900 Field No. _____

Lat. 13°24'30" S. Long. 48°18'30" E Chart BRITISH ADMIRALTY 706 1960 ED.
IN BAIE D'AMBANORO,

Locality AT ANCHOR NOSSI BE, MADAGASCAR. DEPTH OF WATER 15 FMS.

ECHENEIS NAUCRATES, ATTACHED TO CARCHARHINUS LEUCAS

Collector _____ Recorder Doyle Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 162 Date 5/VIII/64 Time 1100-1230 Field No. _____

Lat. 13°41'22"S. Long. 48°10'27"E Chart BRITISH ADMIRALTY 706, 1960 ED.

Locality SMALL STREAM ENTERING BAIE D'AMPASIDAVA, MADAGASCAR (^{NEAR} MAROKIBANI)

A POOL CA 80 M. LONG X 8 M. WIDE WITH A MAXIMUM DEPTH OF ABOUT 1 M,
AT THE UPPER LIMIT OF TIDAL ~~THE~~ INFLUENCE, BOTTOM OF SAND AND
MUD. PROBABLY A LAYER OF SALT WATER UNDER A SURFACE FRESH-
WATER LAYER. POISONED

CATCH: HEMIRHAMPHIDAE (XENARCHOPTERUS); ATHERINIDAE; PLOTOSIDAE;
SYNGNATHIDAE; AMBASSIDAE; GERRIDAE (3 SPECIES); POMACENTRIDAE; LUTIANIDAE;
SERRANIDAE; ELEOTRIDAE (CA. 3 SPECIES); GOBIIDAE (CA. 6 SPECIES); TAENIO-
GOBIIDAE; PERIOPHTHALMIDAE; BLENNIIDAE. CA. 23 SPECIES OF FISHES
PLUS VARIOUS SHRIMPS AND CRABS.

Collector BOLIN & PARTY Recorder Roelf Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 163 Date 5/VIII/64 Time 1245-1330 Field No. _____

Lat. 13°41'24" S Long. 48°10'23" E Chart BRITISH ADMIRALTY 706 ED. 1960

Locality SMALL STREAM ENTERING BAIE D'AMPASINDAVA, MADAGASCAR (NEAR MAROKIBANI)

A POOL CA. 60 M X 6 M WITH A MAXIMUM DEPTH OF 1 M, DEFINITELY ABOVE TIDAL INFLUENCE. BOTTOM ROCKY AND SANDY. AREA SHADED BY OVERHANGING TREES. FLOW OF WATER VERY SLOW. POISONED.

CATCH: ANGUILLIDAE; AMBASSIDAE; ELEOTRIDAE (CA. 4 SPECIES); GOBIIDAE. (CA. 7 SPECIES OF FISHES) + 1 SPECIES OF FRESH WATER SHRIMP.

Collector BOLIN & PARTY Recorder Bob Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 164 Date 6/III/64. Time 0630-0730 Field No. _____

Lat. 13°20'50"S Long. 48°19'50"E Chart BRITISH ADMIRALTY 706, 1960 ED.

Locality BAIE D'AMBATOZAVAVI, NOSSI BE, MADAGASCAR.

VERY SOFT MUD FLATS OUTSIDE OF MANGROVES, WATER
CA 1 FT DEEP, LOW TIDE. DISTANCE TO SHORE 200
YARDS.

TAKEN IN MINNOW SEINE WHILE FISHING FOR SHRIMPS.

Collector LARRY C. OGLESBY Recorder Ralph P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. ~~164~~ 165 Date 7/VIII/64. Time 1400-1515 Field No. _____

Lat. 13°29'00"S Long. 48°14'45"E Chart BRITISH ADMIRALTY 706 1960 ED.

Locality TANIKELY, A SMALL ISLAND SOUTH OF NOSSI BE, MADAGASCAR
CORAL PATCHES ON SAND BOTTOM. DEPTH 1-6 M, CA. 200 M FROM
SHORE. TIDE RISING. CURRENT RATHER STRONG - DISSIPATED THE
POISON USED SO RAPIDLY THAT IT HAD LITTLE EFFECT. SURFACE
SO CHOPPY THAT FISHES THAT DID FLOAT COULD NOT BE SPOTTED.
STATION ALMOST A PERFECT FLOP

POMACENTRIDAE (6); APOGONIDAE; SYNODONTIDAE; SERRANIDAE (2);
LABRIDAE (CA. 4); PSEUDOCROMIDAE; TRIPTERYGIIDAE; BLENNIIDAE (CA. 5)
CA 20 SPECIES; VERY FEW SPECIMENS

Collector BOLIN & PARTY

Recorder *Ralph Bolin*

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 166 Date 11/VIII/64 Time 0940 Field No. _____

Lat. 13° 26' 00" S Long. 48° 17' 06" E Chart BRITISH ADMIRALTY 706 1960 ED.

Locality 150 METERS OFF OF POINT LOKOBE, NOSSI-BE,
MADAGASCAR; BOTTOM SPOTTY CORAL; DEPTH 4-6 M;
CAUGHT ON FEATHERED JIG: ONE CHIROCENTRUS
DORAB, LENGTH 63 CM.

Collector D. J. RAIDT

Recorder D. J. RAIDT

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 167 Date 16/VIII/64 Time 0040-0105 Field No. _____

Lat. 12°03'S Long. 44°25'E Chart USHO 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS

TUCKER TRAWL, 600 M. WIRE OUT, ESTIMATE DEPTH 300 M.

GONOSTOMATIDAE; STERNOPTYCHIDAE; CHAULIODONTIDAE; MYCTOPHIDAE;
PYROSOMES; SHRIMPS; CTENOPHORES; SIPHONOPHORES.

Collector _____ Recorder Paolo Bolini

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 168 Date 16/VIII/64 Time 0115-0210 Field No. _____

Lat. 12° 04' S. Long. 44° 23' E Chart USHO 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS.

TUCKER TRAWL, 900 M WIRE OUT, ESTIMATED DEPTH OF NET
400 M.

GONOSTOMATIDS; CHAULIODONTIDS; STERNOPTYCHIDS; MYCTOPHIDS; PYROSOMES
CYCLOPORES; SHRIMPS ETC.

Collector _____ Recorder Ralph A. Balin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 169 Date Aug 16, 1964 Time 15:30 Field No. _____

Lat. 12° 10' S Long. 44° 24' 31" E Chart _____

Locality 100 Yds E of MUTSAMUDU DOCK ^{ANJOUAN ISLAND, COMOROS} 10 METERS DEEP

Specimen SHOT BY R. C. LASIEWSKI, WITH SPEAR GUN

COLOR PHOTOS TAKEN UNDER WATER BY D. EVANS

SCORPAENID (SCORPAENOPSIS SP.)

Collector R.C. LASIEWSKI Recorder R.C. LASIEWSKI.

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 170 Date 16/VIII/64 Time 2325-2400 Field No. _____

Lat. 12°08'S. Long. 44°23'~~4~~E Chart U.S.H.O 3826

Locality NORTH OF ANJOUAN ISLAND COMOROS, TUCKER TRAWL,
100 M WIRE OUT. ESTIMATED DEPTH OF NET 50 M.

DEPTH OF WATER 700 M.

CATCH LARGELY LARGE SIPHONOPHORES AND PYROSOMES.

A FEW SMALL MYCTOPHIDS. LEPTOCEPHALID, ETC.

Collector _____ Recorder Raaf P. Bahi

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 171 Date 17/VIII/64 Time 0015-0115 Field No. _____

Lat. 12°07' S Long. 44°22' E Chart U.S.H.O. 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS, TUCKER TRAWL
900 M. WIRE. ESTIMATED DEPTH OF NET 450 M.

GONOSTOMA (USED FOR MUSCLE SAMPLES) MYCTOPHIDS;

PYROSOAMES; SIPHONOPHORES; SHRIMPS

Collector _____ Recorder David J. Paul

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 172 Date 17/VIII/64 Time 0125-0210 Field No. _____

Lat. 12°07'S Long. 44°23'E Chart US40 382C

Locality NORTH OF ANJOUAN ISLAND, COMORES. TUCKER TRAWL, 900
M WIRE, ESTIMATED DEPTH 400 M.

Collector _____ Recorder Rae P. Boeri

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 173 Date 18/VIII/64 Time 1030 Field No. _____

Lat. 12°09'S Long. 44°23'E Chart USHO 3826

Locality AT ANCHOR OFF MUTSAMUDU, ANJOUAN ISLAND, COMOROS

DIP NETTED, EVIDENTLY ATTRACTED BY HULL OF SHIP.

TWO SMALL BLENNIIDS,

Collector BROWNING Recorder Roep D. Boelen

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 174 Date 18/VIII/64 Time 1900-2200 Field No. _____

Lat. 12°07'S Long. 49°22'E Chart USHO 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS,

TUCKER TRAWL, 1000 M WIRE OUT. ESTIMATED DEPTH OF NET

500M. (3 NET HAULS AT SAME PLACE COMBINED DUE TO SHORTAGE

OF SUITABLE CONTAINERS)

Collector _____

Recorder _____

Roy R. Balis

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 175 Date 19/VIII/64 Time 1230-1530 Field No. _____

Lat. 12°06'S Long. 44°21'E Chart USHO 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS.

TUCKER TRAWL, 1200 M. WIRE OUT. ESTIMATED DEPTH OF
NET, 600 M. (4 NET HAULS AT SAME PLACE COMBINED DUE
TO SHORTAGE OF SUITABLE CONTAINERS)

Collector _____ Recorder Prof. P. Balw

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 176 Date 19/VIII/64 Time 1300 Field No. _____

Lat. 12° 11' S Long. 44° 19' E Chart USHO 3826

Locality 5 SEA MILES WEST OF MUTSAMU, ANJOUAN, COMOROS. ALONG
NORTH COAST OF ISLAND. CORAL REEF APPROXIMATELY $\frac{1}{4}$ TH MILE
OFF SHORE. 3 METERS DEPTH.

1 PTEROIS SP. SPEARED

PHOTOGRAPHED UNDER WATER BY P. RUDY + OUT OF
WATER BY D. EVANS.

Collector DAVID H. EVANS

Recorder David H. Evans

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 177 Date 20/VIII/64 Time 1600-1930 Field No. _____

Lat. 12°06' S Long. 49°22' E Chart USHO 3826

Locality NORTH OF ANJOUAN ISLAND, COMOROS.

TUCKER TRAWL, 1650 M WIRE, ESTIMATED MAXIMUM DEPTH
900 M. (3 NET HAULS AT SAME PLACE COMBINED DUE TO
SHORTAGE OF SUITABLE CONTAINERS.

Collector _____ Recorder Dee P. Balin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 17B Date 21/VIII/64 Time _____ Field No. _____

Lat. 12°09'S Long. 49°23'E Chart U.S.H.O. 3826

Locality MUTSAMUDU, ANJOUAN ISLAND, COMOROS.

PURCHASED FROM LOCAL FISHERMAN.

Collector _____ Recorder Rae P. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 179 Date 21/VIII/64 Time 0900-1030 Field No. _____

Lat. 12° 10' S Long. 44° 23' E Chart U.S.H.O. 3826

Locality NORTH COAST OF ANJOUAN ISLAND, COMOROS,

"ROOM" OR POCKET IN CORAL REEF, ABOUT 10 X 10' M. AND
ABOUT 10 M DEEP WITH THREE NARROW OPENINGS, WALLS
VERTICAL AND EXTENDING TO WITHIN 1M. OF SURFACE.
BOTTOM OF SAND.

CATCH: NARCOBATIDAE; SYNODONTIDAE (2); AULOSTOMIDAE;
SOLENOTOMIDAE; HOLOCENTRIDAE (5, INCLUDING MANY MYRIPRISTIS
PRALINIUS AND ONE M. MURDJAN); ATHERINIDAE; APOGONIDAE (CA. 5);
SERRANIDAE (CA. 7); PRIACANTHIDAE; MULLIDAE; PEMPHERIDAE;
POMACANTHIDAE (2); CHAETODONTIDAE (CA. 4); POMACENTRIDAE (CA
12); LABRIDAE (CA. 10); CIRRHITIDAE (2); SCORPAENIDAE (CA. 6); ZANCIDAE;
ACANTHURIDAE; BLENNIIDAE (CA. 5); CLINIDAE; TRIPTERYGIDAE;
BROTULIDAE (2); CALLIONYMIDAE; URANOSCOPIDAE; CANTHIGASTERIDAE
(3); OSTRACIODONTIDAE (? 2); ANTENNARIIDAE; EELS (CA. 6).
ABOUT 110 SPECIES TOTAL.

Collector BOLIN & PARTY

Recorder Doel P. Bolin