

CRUISE 7 START.

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 252 Date 3/IV/65 Time 1900 - 2030 Field No. _____

Lat. 11°42'30" S. Long. 160° 22' 00" E Chart MAR

Locality TUHUGAGO, RENNELL ISLAND, B.S.P.

NIGHT LIGHT DIP NETTING

Collector _____ Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 254 Date 6/10/65 Time 0830 Field No. _____

Lat. 11°42' S. Long. 160°16' E Chart _____

Locality KAGABA BAY, RENNELL ISLAND, BRITISH SOLOMON ISLANDS

GALEOCERDO CUVIERI, 98" TOTAL LENGTH.

CESTODES FROM SPIRAL VALVE

COPEPODS FROM GILLS. KRØYERIA SP. ♀♀ only

Collector Wesley P. Balwin Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 255 Date 6/10/65 Time 0945-1130 Field No. _____

Lat. 11°42' S. Long. 160°16' E Chart _____

Locality KAGABA BAY, RENNELL ISLAND, BRITISH SOLOMON ISLANDS

FISH POISON STATION - CHANNEL BETWEEN TWO CORAL LUMPS.

CHANNEL LENGTH ABOUT 75 FEET. DEPTH FROM 15-25 FEET.

SAND BOTTOM WITH THE CORAL HEADS REACHING TO WITHIN 1-2 FEET

OF THE SURFACE. POISON RELEASED FROM THE BOTTOM UP THE FACE

TO WITHIN 3 FEET OF THE CORAL TOPS. NO DRIFT OR OF THE POISON

(ROTENONE). STATION WAS ABOUT 500 YD. FROM SHORE & ABOUT 500 YD.

TO EDGE OF REEF.

CLUPEIDAE; SYNODONTIDAE, 3; OPHICHTHYIDAE, 2; ECHELIDAE, 3;

MURAENIDAE, 7; HOLOCENTRIDAE, 7; AULOSTOMIDAE 1; ATHERINIDAE;

SERRANIDAE, 5; APOGONIDAE, 10; PRIACANTHIDAE; LUTIANIDAE, 2;

CHAETODONTIDAE, 3; ACANTHURIDAE, 6; MULLIDAE, 2; POMACENTRIDAE,

19; LABRIDAE, 14; SCARIDAE, 3; CIRRHITIDAE, 2; PARAPERCIDAE;

CLINIDAE; BLENNIIDAE, 9; BROTLIDAE, 3; CALLIONYMIDAE;

GOBIIDAE, 9; ELEOTRIDAE, 2; SCORPAENIDAE, 2; BOTHIDAE;

BALISTIDAE, 2; MONACANTHIDAE; CANTHIGASTERIDAE, 3;

ALUTERIDAE; ANTENNARIIDAE

TOTAL CA. 130 SPECIES.

PREVIOUSLY KNOWN FROM RENNELL ISLAND, 68 SP.

Collector BOLIN & PARTY Recorder Gerald L. Koehn

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 256 Date 6/14/65 Time 1430 - 1600 Field No. _____

Lat. 11°42' S. Long. 160°16' E Chart _____

Locality KAGABA BAY, RENNELL ISLAND, BRITISH SOLOMON ISLANDS

FISH POISON STATION - FROM THE BEACH OUT 100 FEET IN TWO
PARALLEL LINES ABOUT 75 FEET APART. THIS POISON AREA
INCLUDED ABOUT TWO LARGE CORAL LUMPS (15' X 15') AND ABOUT 3
SMALL LUMPS. THE REST OF THE AREA WAS SAND BOTTOM TO A
DEPTH OF ABOUT 6 FEET. THERE WAS A SLIGHT DRIFT OF
THE POISON PARALLEL TO THE BEACH.

Collector BOLIN & PARTY Recorder Donald L. Longman

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 257 Date 15~~th~~ / IV / 65 Time 1400 - 1600 Field No. _____

Lat. 11° 42 S Long. 166° 50' E Chart _____

Locality LAGOON SIDE OF BARRIER REEF, WEST OF PALLU PASSAGE,
PEU BAY, VANIKORO ISLAND

CONNECTED OVER CORAL AND IN CHANNELS BETWEEN CORAL
OVER SAND.

WORK IN THE NATURE OF A PRELIMINARY SURVEY; VARIOUS PLANT AND
ANIMAL GROUPS COLLECTED

Collector BOLIN & PARTY Recorder MARTIN WILEY

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 258 Date 16/IV/65 Time 2100 Field No. (SHIP)

Lat. 11° 42' S. Long. 166° 50' E Chart _____

Locality PEU, VANIKORO ISLAND

NIGHT LIGHT DIP NETTING

Collector PARTY Recorder NEWBURY

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 259 Date 1⁶/11/65 Time 0900-1130 Field No. _____

Lat. 11° 42' S Long. 166° 50' E Chart _____

Locality Lagoon side of Barrier Reef, West of Pallen Passage
Pen Bay, Vanikoro Island.

Collections on the reef flat and in deeper water down to
12 feet (S.C.U.B.A.)

Poison spread in a deep indentation in the coral ^{reef} edge.

Fish were collected only by skin diving. Fish poisoning took
place at ca. 1015 hrs.

Collector Bolin & Party Recorder Ferraro

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 260 Date 18/11/65 Time 1400 - 1600 Field No. _____

Lat. 11° 42' S Long. 166° 50' E Chart _____

Locality Lagoon side of Astrolabe Reefs, West of Brant Passage -
1/2 mile.

Collector Party Recorder M. Wiley

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 261 Date 1⁶/IV 1965 Time 21.00 Field No. _____

Lat. 11°42'S Long. 166°50'E Chart _____

Locality Brackish water creek in coconut grove, Peu Village,
Vanukoro. Bottom: mud and sand

Bufidae sp.

Periophthalmus sp.

Cardisoma sp.

Grapsidae

Collector Party Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 262 Date 1⁶/IV 1965 Time 21.30 Field No. _____

Lat. 11°42'S Long. 166°50'E Chart U.S. Hydrographic Office #17 (ED. 1959)

Locality Mud flat facing lagoon, Peu Village, Vanikoro. Close to mouth of stream.

Periophtabmus sp.

Ocyropa sp.

~~Ba fidae sp.~~

Collector Party Recorder I. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 263 Date 1⁶/IV 1965 Time 19.00 - 19.45 Field No. _____
and later

Lat. 11°42' S Long. 166°50' E Chart _____

Locality Pen, Vanikoro Island Anchorage

Night light dip netting

Collector J. Wolff Recorder J. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 264 Date 17/IV/1965 Time 1000-1130 Field No. _____

Lat. 11°42'S Long. 166°50'E Chart _____

Locality OUTER Reef, 300-350 Yds NW of BRUAT Passage, Pey Bay, UANIKORO Is

Collections of marine life made by skin & scuba diving (This took place during a dive ^{on} ~~at~~ the wrecked French sailing ship Boussole, that went down in early 1788, many small articles were recovered one cannon shot, one part of a brass hinge, some nails & many misc. pieces) (a second short dive was made a false or wreck passage on the French ship (l'Astrolabe, 1788)

Collector T. Wolff & Group Recorder William W Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 265 Date 17/II/65 Time 1030-1100 Field No. _____

Lat. 11° 42' S Long. 166° 50' E Chart _____

Locality PEU, VANIKORO ISLAND

SHORE POISON STATION

Collector BOLIN & PARTY Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 266 Date 20 Apr 65 Time 0930-1130 Field No. _____

Lat. 12° 18' S Long. 168° 48' E Chart _____

Locality RINGDOVE ANCHORAGE, TIKOPIA (TUCOPIA) Island.
SHORE POISON STATION

Collector Bolin & party Recorder DAEloff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 267 Date 23 April 65 Time 1345-1500 Field No. _____

Lat. 17° 56'S Long. 172° 34'E Chart U.S.H.O. #2027

Locality PLANKTON HAUL; one (1) meter net; Net in water 1345; Net Down 1408 (800 meters of cable); Net up 1428; Net out of water 1500. MAX. depth 320-0 meters. Catch mostly copepods, chaetognaths, mollusca (including NAKED PTEROPODS? Heteropod), Amphipods, (including Oxycephalids? Phronimids), Ostracods, Euphausiids? LARVAE, some decapod LARVAE, Siphonophores? foraminiferas.

material preserved in two (2) containers ^{labeled} (Part 1 of 2 parts & Part 2 of 2 parts)

Chaetognath sp. (1 sp. - rare)

Orbulina sp. (rare)

Collector Bieri & Team

Recorder WWSchroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 268 Date 25 April 65 Time 0908 - 1000 Field No. _____

Lat. 17°00'S Long. 174°30'E Chart U.S. Hydro. #2027

Locality PLANKTON Haul Station: one (1) meter net. Net in water 0908; Net Down 0918 (400 meters of cable) wire angle 70°; Net up 0948; Net out of water 1000 ; depth 150-0 meters
70% Copepods; chaetognaths, Amphipods, LARVAEANS (12-15 mm orange tail), Ostracods, hydrobia (2 or 3 specimens), alcyonids polychaets, FORAMINIFERAS, decapod LARVAE, some siphonophores, one (1) PTEROPOD, one (1) heteropod, fish LARVAE.

Note 1/2 hr. at depth ; fine mesh Net

SECOND OBSERVATION of material; ^{Very} numerous FORAMINIFERA, & PTEROPods

MATERIAL Preserved in two (2) containers Cabled (Part 1 of 2 parts & Part 2 of 2 Parts)

A Mycosphaera spp. (2 spp. - 1 or more elsewhere but, (sample in - 2000) different spp. than at Sta. 267, which is quadrate form could be Globigerinoides.
 R Orbulina sp.
 R Globorotalia? sp.
 R Hastigerinella? sp.
 R Globigerina? sp. & Globigerinoides? sp.
 } Foraminifera - K.K. Smith

Collector Bolin & Group

Recorder WWSCHROEDER

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 269 Date 26 April 65 Time 1215 Field No. _____

Lat. 18°38'S Long. 177°10'E Chart U.S.H.O # 2850

Locality open ocean station while under way - bucket of white snowy
like material ~~deep~~^{dipped} out of water -

Surface temp. 27°C.; Surface Salinity _____ ‰

Material appears to be partially decomposed plant
remains. There are green "pine" needles floating on the
surface 1"-4" long. Could be broken pieces of Phyllospadix
and seeds?? Got one spherical specimen of Phaeocystis.

Wind from SSE. Clear sunny day Beaufort 2-3, waves
1-2 feet at highest. Some windrows. Went through it for 45-
minutes at 8 knots = 6 miles ±.

Collector R. Bieri

Recorder R. Bieri

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 270 Date 29. ^{IV} - 20. ^V ¹⁹⁶⁵ Time _____ Field No. A

Lat. 18°07'S Long. 178°23'E Chart U.S. Hydro No. 2865

Locality Small creek flowing into Kumbuna Creek west of Suva,
Fiji. Sta.

Collector Bolin & party Recorder T. Wolfe

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 271 Date 29-30/IV 65 Time _____ Field No. B

Lat. 18°07'S Long. 178°23'E Chart N.S. Hydro No 2865

Locality Bridge pilings (cement), Kumbuna Creek west of Suva, Fiji

Collector Wolff & party Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 272 Date 30/IV 1965 Time _____ Field No. C

Lat. 18°07'S Long. 178°23'E Chart U.S. Hydro No. 2865

Locality Upper end of small creek flowing into Kumbuna Creek west of Suva, Fiji

Collector T. Wolff & party Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 273 Date 30/IV 1965 Time _____ Field No. _____

Lat. 18°07'S Long. 178°23'E Chart U.S. Hydro No. 2865

Locality Tidal flat at low tide, south of Ndra Nimbota
Islet west of Suva, Fiji

Collector F. Wolff & party Recorder F. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 274 Date 1/V/65 Time 1400-1615 Field No. _____

Lat. 18°07'16"S Long. 178°23'06"E Chart U.S.H.O. 2865 (3rd ED., 1942)

Locality SUVA HARBOR, ^{SOUTH}~~SOUTH~~ OF NDRA NIMBOTA (CAVE ISLAND), MANGROVE
MARGIN, AND FLAT OUTSIDE

Collector _____ Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. _____ Date May 2, 1965 Time 2145 Field No. _____

Lat. _____ Long. _____ Chart _____

Locality _____

O₂ Thiosulfate standardization:

~~8.26~~ (may be overest)

8.21

8.16

8.22

8.23

4 32.82

8.20 use

Collector

R. Brew

Recorder

R. Brew

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 275 Date 4 MAY 65 Time _____ Field No. _____

Lat. 17°58'S Long. 178°45'E Chart U.S.H.O 2858 Rev. 4/4/60

Locality Mambualau Is, North of Tomberua Passage at The South
end of mbau Waters, fr Viti Levu, Fiji Is.

Reef Collecting

Collector Bolin & party Recorder WWSchroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 276 Date 4/V 1965 Time _____ Field No. _____

Lat. 17°58'S Long. 178°42'E Chart U.S.H.O. # 2858

Locality Tidal flat, Tomberua Island north of Kamba Pt, Mbau Waters, SE Viti Levu, Fiji Is.

Majority of fauna killed during one week's fresh-water flood in February 1965.

Collector T. Wolff & party Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 277 Date 7/V 1965 Time _____ Field No. _____

Lat. 18°51'S Long. 178°32'E Chart U.S.H.O. # 2858

Locality Reef South of Mbulia Island, Great Astrolabe
Reef, Fiji Is.

Collector Bolin & party Recorder J. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 278 Date 8/V 1965 Time 0930 - 1115 Field No. _____

Lat. 18°52'S Long. 178°30.5'E Chart U.S. H.O. # 2858

Locality Reef North of Vuro Island, Great Astrolabe Reef,

Fiji Is. Poison spread in an indentation in the outer face
of a reef about 150 m. from shore. It was about 30 feet long and
widened from a point to about 20 feet. The bottom was sand, with
a sand flat outside of the opening at a depth of about 12 feet.
The coral walls, with caverns at the bottom, rose vertically to within
two feet of the surface.

Collector Bolin & party Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 279 Date 8/1/65 Time 1230-1345 Field No. _____

Lat. 18° 52' S. Long. 178° 30.5' E Chart U.S.H.O No. 2858 (3rd Ed.)

Locality Reef North of Vuro Island, Great Patrulala Reef, Fiji

Poisson spread on innermost edge of reef about 60 yards from shore.
Coral rising vertically from sand bottom at about five feet to
within two feet of surface. Sand with scattered Holmskoldia plants.

Collector Boein & Party Recorder Boein

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 279-A. Date 10/1/65 Time 0900-1100 Field No. _____

Lat. 18°07'S. Long. 178°23'E Chart U.S.H.O. 2865

Locality Small tributary flowing into Kumbuna Creek, west of Suva, Fiji. Poison station in section about 50 yards long, Creek about 5 yards wide, water to 5 feet deep. Banks densely overgrown by mangroves (*Rhizophora mangle*). Slack high water and starting to ebb.

Muraenidae (1 species); Myridae (1); Muraeniscidae; (1) Syngnathidae (1);
Hemirhamphidae (*Zenarchopterus dispar* ?); Engaulidae (*Anelionella indica* ?)
Mugilidae (*Mugil vaiqensis* + 1 species); Gerridae (1); Poeythidae (1);
Alpogonidae (*Alpogon lateralis* + 1 species); Mullidae (*Mullus sulphureus*;
M. vittatus); Ambassidae ? (1); Lutjanidae (*Lutjanus kasmira* ? + 5 species);
Theraponidae (*Therapon caudivittatus* ?); Plectorhynchidae (*Pseudoprestonia*
nigrus ?); Carangidae (*Caranx papuensis* + 1 species); Siganidae (3);
Tetraogidae (*Cocotropsis* ?); Eleotridae (*Ophioscara alporos* ?; *Bulis*
lutis + 1 species); Gobiidae (*Gobichthys* + 4 species); Diodontidae (1).
Total 21 families, ca 38 species.

Collector Bolin & party.

Recorder R.D. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 280 Date 11 May 1965 Time 0830-1030 Field No. _____

Lat. 18° 07' S Long. 178° 23' E Chart U.S. Hydro. No. 2865

Locality Tidal flat at low tide, south of Ndra Nimbota ^(Cave) Islet
West of Suva, Fiji
Poison station.

Collector Bolin + Party Recorder M. G. Ferraro

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 281 Date 12 MAY 65 Time 1400 - 1700 Field No. —

Lat. 18°11'S Long. 177°35'E Chart H.O. 2857

Locality CORAL REEF COLLECTING, LAGOON SIDE OF REEF, 3 TO 4 MILES EAST OF
SOVI BAY, VITILEVU, FIJI -

Collector T. Wolff & Students Recorder WWSCHROEDER

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 282 Date 13 May 65 Time 0900-1200 Field No. —

Lat. 18°13'S Long. 177°43'E Chart U.S.N.O. 2857

Locality CORAL REEF collecting, Lagoon side of Reef, (Reef flat at low tide plus channel through the reef, 20 ft deep), Village of Votua, 1 mile west of Korolevu Bay, Viti Levu, Fiji

Collector Students Cruise 7 Recorder WWSCHROEDER

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 283 Date 14 May 65 Time 1000-1030 Field No. 1

Lat. 18° 7' 35" S Long. 178° 24' 10" E Chart U.S.H.O. 2865

Locality West end of Suva harbor, Viti Levu, Fiji I's., Ockelmann dredge
17-18 fms.

Collector Wolff, Lawrence, Schroeder Recorder WWSchroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 284 Date 14 May 65 Time 1045-1115 Field No. 2

Lat. 18° 7' S Long. 178° 23' 45" E Chart U.S. W. O. 2865

Locality Entrance to Naingalongalo Harbor, west end of Suva Harbor

Uti Levu, Fiji Is's. Ockelmann dredge, 10-16 fms

[18° 7' S 178° 23' 45" E → 18° 7' 25" S 178° 23' 55" E]

Collector Wolff Lawrence Schroeder Recorder W. Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 285 Date 15 May 65 Time 1015-1040 Field No. 3

Lat. 18° 7' 15" S Long. 178° 28' 55" E Chart U.S.N.O. 2865

Locality Entrance to Naingalongalo Hbr., west end of Suva Hbr., Viti
Levu, Fiji Is. Ockelmann dredge, 13-16 fms

Collector Wolff, Lawrence, Schroeder Recorder W.D. Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 286 Date 17 MAY 65 Time 1445-1515 Field No. 4

Lat. 18°8'40"S Long. 178°24'00"E Chart U.S.N.O. 2865

Locality Entrance channel to Suva hbr., Viti Levu, Fiji Is's.

Oekelmann dredge, 42-46 fms - 76-84m

Water temp. Surface 24.4°C

Collector Wolff, Lawrence, Schroeder Recorder W. Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 283 287 Date 17 MAY 65 Time 1530-1600 Field No. _____

Lat. 18° 35' S Long. 178° 23' 45" Chart U.S.H.O. 2865

Locality Reef flat (Low tide) west side of entrance channel
Suva Harbor, Viti Levu, Fiji Is.

"This reef flat was composed mainly of living coral"
most abundant - stag horn type

Collector Wolff, Lawrence, Schroeder Recorder W. W. Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 288 Date 18 MAY 65 Time 1430-1600 Field No. _____

Lat. 18°08'20" S Long. 178°24'25" E Chart U.S.N.O. 2865

Locality Reef flat (low tide) EAST side of entrance channel,
Suva harbor, Uti Levu, Fiji Is.

This Reef flat was composed mainly of dead coral

Collector Wolff & Schroeder Recorder W. Schroeder

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 289 Date 20-V-65 Time 1100 Field No. _____

Lat. 18° 08' 30" Long. 178° 23' 00" Chart 2865

Locality REEF PASSAGE WEST OF HARBOR ENTRANCE CHANNEL.

A SMALL OCTOPUS, A SMALL LOBSTER, AND SEVERAL FISH.

Collector 'OOLOOLOO' + PARTY Recorder NEWBURY

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 290 Date 25²⁵ / ~~29~~ / 65 Time START DOWN UP FINISH
1543-1607-1647-1707 Field No. _____

Lat. 17°45'S Long. 179°18'E Chart U.S.H.O. 2850

Locality ABOUT 6 MILES WEST OF NAIRAI ISLAND, FIJI.

10' TUCKER TRAWL WITH 1000 M. WIRE OUT. < 52-63°. ESTIMATED
DEPTH 500-600 M TO SURFACE. DEPTH TO BOTTOM 1600 M.

Neuston sample 1345-1616; surface Temp. 25.4°C, RB

Collector _____ Recorder D. L. Berlin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 291 Date 25/V/65 Time ^{START DOWN UP FINISH} 2007-2016-2046-2050 Field No. _____

Lat. 17°30'S Long. 179°33'E Chart U.S.H.O 2850

Locality KORO SEA, ABOUT 10 MILES S.E. OF KORO ISLAND, FIJI.

10' TUCKER TRAWL WITH 250 M. WIRE OUT. 455-65°

ESTIMATED DEPTH 100-150 M. TO SURFACE

Neuston sample 2020-2050; Surf. Temp. 26.4°C. RB

#20 net surface sample 2020-2050 J.C.

Collector _____ Recorder Reef D. Baker

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 292 Date 25/V/65 Time ^{START DOWN UP FINISH} 0940-1035-1110-1230 Field No. _____

Lat. 16°47'S Long. 179°15'W Chart USHO 2851

Locality NANUKU PASSAGE, FIJI.

1-M DREDGE IN 1380-1320 M. DREDGE BENT. SUBSTRATE
PUMICE PEBBLES & GRAVEL & OOZE

Collector _____ Recorder Ralph A. Bolin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 293 Date 25 May 65 Time 1400-1700 Field No. _____

Lat. 179° 06' W Long. 16° 45' S Chart _____

Locality WAILANGILALA ISLAND, FIJI

1) BLUE-GREEN ALGA FORMING 1 CM. COLORED STRATUM, 1-2 MM.
BELOW SAND SURFACE; NOT ON TIDAL BEACH; FOUND ON
HIGH, STORM BEACH, MOSTLY ON THE NORTHERN OF THE
TWO ISLETS.

2) ANIMALS COLLECTED IN THE TIDAL ZONE

Collectors Eloff, Wolff, Halverson Recorder DAE/loff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 294 Date 25/V 1965 Time 19-20 Field No. _____

Lat. 16°45'S Long. 179°06'W Chart _____

Locality Wailangi lala Island, Fiji

Night light dip netting

Collector Wolff & party Recorder F. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 295 Date 26/V 1965 Time 0900-1030 Field No. _____

Lat. 16°45' S Long. 179°06' W Chart USHO 2850

Locality Wailangitala Island, Fiji

Poison Station about 200 yards off the southwest shore of the island
approximately west of the lighthouse. A semicircular indentation in
the landward side of the reef which came to within 1 foot of the
surface in places. Reef partly live coral, partly dead. Much
slaghorn in deeper portions. Extensive patches of sand bottom
at about 20 ft.

Ophichthyidae (1 species); Eelulidae (2); Moringidae (1); Congridae (1); Muraenidae
(3); Synodontidae (4); Aulostomidae (1); Synognathidae (3); Parapercidae (1)
Atherinidae (1); Holocentridae (10); Pristigasteridae (1); Apogonidae (8); Mullidae
(3); Serranidae (3); Caesiidae (2); Pomacentridae (11); Amphiprionidae (1);
Chaetodontidae (6); Holacanthidae (2); Zanclus (1); Tenthidae (5); Scaridae
(6); Labridae (15); Serranidae (3); Balistidae (1); Scorpaenidae (2) Balistidae (1)
Gobiidae (4); Blenniidae (2); Brotulidae (1); Moracanthidae (2) Sago-
cephalidae (2); Canthigasteridae (2); Ostraciodontidae (2); Platycephalidae
(2); Two undetermined families of one species each.

Total ca 38 families, 118 species

Collector _____ Recorder R. D. Bell

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 296 Date 26/V Time 12.30-13.30 Field No. _____

Lat. 16°45'S Long. 179°06'W Chart _____

Locality Wailangilala Island, Fiji

Dredging at anchorage, Ockelmann Dredge. Coral sand
and shell fragments. 30m.

Collector T. Wolff & A. Peterson Recorder T. Wolff

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 297. Date 27/1/65 Time 1044-1048-1053-1059 START DOWN UP FINISH Field No. _____

Lat. 16°46'S Long. ~~178°07'W~~
179°07'W Chart US.H.G 2850

Locality WAILANGILLA^A ISLAND LAGOON, FIJI.

1 M. DREDGE, 40 METERS. BOTTOM FINE WHITE CORAL SAND.

Collector _____ Recorder _____

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 298 Date 29/4/65 Time 2000-2300 Field No. _____

Lat. 15°-35'S Long 175°-36'W Chart H.O. 2021

Locality Anchored 1/4 mile west of Niua Fo'ou Isl., N. Tonga.

Dip Net station

Collector Students + Crew Recorder R Breri

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 299 Date 30/1/65 Time 1707-1715-1815-1822 ^{START DOWN UP FINISH} Field No. _____

Lat. 15°45'S. Long. 175°45' W. Chart USHO 2021

Locality ABOUT MIDWAY BETWEEN NIUA FO'OU AND NIUATOBUTABU ISLANDS, NORTHERN TONGA

10' TUCKER TRAWL, 300M WIRE OUT. WIRE ANGLE 63° ESTIMATED

DEPTH 0-150 M.

CATCH VERY POOR, SQUIDS, LANTERN FISH, CARANGID

Collector _____ Recorder D. Balin

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 300 Date 30-V-1965 Time 18-23 Field No. _____

Lat. 15°45' S Long. 174°37' W Chart _____

Locality About midway between Niuafo'ou and Niua-tobu-tabu Islands, Northern Tonga.

Night light dip netting

Collector _____ Recorder F. Wolf

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 301 Date 31/V/65 Time 1500-1645 Field No. _____

Lat. 16°00' S Long. 173°53' W Chart HO. 2021

Locality NIUATOBUTABU ISLAND, TONGA.

POISON STATION ON OUTER PORTION OF ~~BARRIER~~ FRINGING REEF
POISON SPREAD IN 20 FT OF WATER ON SAND BOTTOM BETWEEN
TWO CORAL RAMPARTS RISING VERTICALLY TO WITHIN CA
TWO FEET OF SURFACE.

Collector _____ Recorder Roep A. Bolin.

TE VEGA EXPEDITIONS
STANFORD UNIVERSITY

Sta. No. 302 Date 31 may 65 Time 2100 Field No. —

Lat. 15°58's Long. 173°48'W Chart H.O. 2021

Locality Night Light off The Stern, AT ANCHOR NORTH WEST SIDE
of Niuatobutabu Is., Tonga -

Collector WWSchroeder Recorder _____