

Data documentation for Collection event records

Heading for hand written data sheets: -

- 1: "Ref #" = Specimen ID number
- 2: "Species" = *Halobates* species: -
SE= *H. sericeus*
MI= *H. micans*
GE= *H. germanus*
SO= *H. sobrinus*
SP= *H. splendens*
- 3: "EP# / LC series # / LC#" = Leg number of oceanographic cruise – EP#, LC series #, LC#, etc. are internal reference numbers and can be ignored.
- 4: "Cruise" = Oceanographic cruise name – see Cruise details, below.
- 5: "Stn" = station number where collection was made
- 6: "Date" = Day and month of collection
- 7: "Year" = Year of collection
- 8: "Lat" = Latitude of collection station
- 9: "Long" = Longitude of collection station
- 10: "# Insects" = Number of insects in sample
- 11: "Stage" = Developmental stages of insects in samples: -
M= mixed sample with adults and nymphs
A= adults only (o>= males, o+=females)
N = nymphs, I= 1st stage, II= 2nd stage, III=3rd stage, IV= 4th stage, V= 5th stage

Cruise details for the variable, "Cruise", in collection event records

1. Sample no. 1-100, 291-327 & 474-484:

EASTROPAC Cruises: Ship name followed by series numbers (1 through 7) and inclusive dates. First digit of cruise number denotes the series except for Oceanographer which is a "ship of opportunity" used in series 50. (For further details see: Lanna Cheng & Eric Shulenberger 1980 Distribution and abundance of *Halobates* species (Insecta: Heteroptera) in the eastern tropical Pacific. Fishery Bulletin 78(3): 579-591).

Argo 11: 24 Jan - 6 Mar 1967
Jordan 12: 7 Feb.-24 Mar 1967
Rockaway 13: 20 Jan.-31 Mar 1967
Alaminos 14: 21 Jan.-10 Apr 1967
Jordan 20: 10 Apr.-31 May 1967
Jordan 30: 14 June- 2 Aug 1967
Rockaway 47: 31 July-29 Sept 1967
Washington 45: 3 Aug.-25 Sept 1967
Jordan 50: 16 Oct.-3 Dec 1967

Oceanographer OP: 13 Nov.- 2 Dec 1967

Jordan 60: 8 Dec.-5 Feb 1967-78

Jordan 76: 19 Feb.-5 Apr 1968

Rockaway 77: 20 Jan.-28 Apr 1968

Washington 75: 15 Feb.-15 Apr 1968

2. Sample no. 101-274:

Cruise TC 9, 11, 12, 18, 32, 43, 44, 45, 46, 47, 48, 60; Cruise CHG 53, 66, 71, 101, 113 & CR14— University of Hawaii cruises.

3. Sample no. 275-290 & 367-400:

H-2, H-3, H-7, H08, H-10, H-14, H-15, H-16, H-16, H-17, H-18, H-20, H-46, H-48, H-51, H-53, H-54, H-88, H-90, H-93, H-98, H-101, H-112, H-118 – Hakuho Maru Cruises, Japan.

4. Sample no. 328-366:

Bora IV, Cyclone I, Cyclone IV, Cyclone V, Cyclone VI, Cordide I, Cordide 4 are ORSTOM Noumea cruises.

5. Sample no. 401-426:

Cruise OP = Operation Drake, UK.

6. Sample no. 427- 473:

Cruise A, B & C = DOMES University of Hawaii cruise

7. Sample no. 485-499:

Aries I, III & 9 and Tasaday I are Scripps Institution of Oceanography cruises

8. Sample no. 500:

One sample only from Isla Magdalena, Tres Marias.