| Volume 84: (| Chapter 9: Table 2. Faunal distribution, Site | 568. | | | | | | | | | ш | | | | · | | | | | ata | | | 2. (Confined). | foliume 84; Chapter 9; Tubli |
|--|--|--|---|--|---|--|--|---|--|--|---|---|---|--|---|---|---|--|---|--|---|---|---|--|
| Sample (interval in cm) | Alabamina polita Alveolophragmium crassim Amphimorphina lessonii Anomalina flintii Anomalinoides globulosus A. pompilioides A. semicribratus Astigerina guraboensis Astrononion guadalupae Bathysiphon sp. | Bolivina advena B. alazaensis B. argentea B. beyrichi B. bicostata | B. bradyi B. bramletti B. californica B. decussata B. foraminata B. marginata | B. pacifica B. pseudobeyrichi B. scabrata B. seminuda B. semiperforata B. cf. B. sinuata | B. aff. B. sinuata B. spp. B. subadvena B. subadvena sulpherensis B. tongi filacostata B. cf. B. woodringi Buccella sp. | Bulimina alazaensis B. denudata B. mexicana B. pagoda Buliminella curta | Cancris auricula C. inflatus C. panamensis Cassidulina californica | C. caudriae C. crassa C. delicata C. laevigata C. laevigata carinata C. limbata | C. oblonga C. spinifera C. tricamerata | C. tumida Cassidulinoides bradyi C. tenuis Ceratobulimina alazaensis | C. ovoidea Chrysalogonium breviloculu C. elongatum C. lanceolum | Cibicides barnetti C. Jletcheri C. floridanus C. granulosa C. guraboensis | C. cf. C. guraboensis C. heminwayae C. io C. matanzaensis | C. cf. C. mckannai C. cf. C. mckannai C. nucleatus C. sp. | C. spiralis C. spiralimbatus C. trincherasensis | C. umbonatus C. yaqatensis Cibicidoides brady C. coryelli | C. kullenbergi C. sinistralis C. trinitatensis C. wuellerstorfi | Dentalina cocoaensis D. consobrina D. cooperensis D. pauperata | D. soluta D. spinosa Dentostomina guraboensis Eggerella bradyi Ehrenbergina bradyii | E. caribbea Ellipsoglandulina multicost E. decurta E. mappa Elphidium tumida Epistominella bradyana | E. cf. E. bradyana E. obesa E. smithi E. sp. of Resig | F. carteri F. cucullata F. dominicana F. fimbrata F. of F. fimbrata | F. marginata F. orbignyana F. solida F. sp. | F. spp. F. staphylleraria F. subformosa F. trigonomarginata |
| 1-1, 30-34 1-3, 30-34 1, CC 2-1, 80-84 2-3, 80-84 2-5, 80-84 2-7, 40-42 2, CC 3-1, 121-125 3-3, 121-125 3-5, 121-125 3, CC 4-1, 75-79 4-3, 108-112 4-5, 108-112 4-5, 108-112 4-5, 108-112 5-3, 73-77 5, CC 6-1, 47-49 6-3, 47-49 6-5, 47-49 6-6, 47-49 6-7, 40-44 7-5, 40-44 7-5, 40-44 7-6, CC 8-1, 84-88 8-3, 84-88 8-5, 84-88 8-5, 84-88 8-7, 84-88 8-7, 84-88 8-8, 86-8 8-8, 86-8 8-8, 86-8 8-9-2, 32-36 9-4, 32-36 9-4, 32-36 9-4, 32-36 9-4, 32-36 10-1, 65-69 10-3, 65-69 10-5, 65-69 10, CC 11-1, 48-52 11, CC 12-3, 72-76 12, CC 12-3, 72-76 12, CC 12-3, 72-76 12, CC 12-3, 72-76 12, | | X X X X X X X X X X X X X X X X X X X | X X X 3 3 1 X X 5 X X 2 1 X X X | X | x x x x x x x x x x | X 1 2 2 2 X X X 2 X X 3 3 | x x x x x x x | X 2 3 X 1 | X | X | | X X X X X X X X X X X X X X X X X X X | 1 2 2 | 23 4 4 11 X 11 X 15 26 X X 2 1 4 X X 3 X 4 1 6 1 4 X 1 6 2 1 2 1 2 3 5 7 X 2 4 2 1 3 1 1 4 6 1 8 3 11 2 X X X 3 X X 10 X X 3 X X 10 X X 3 X X 10 X X 1 1 1 2 X X X X X X X X X X X X X X | | 1 | 1 4 8 8 X 13 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | X X X X X X X X X X X X X X X X X X X | x x x x x x x x x x x x x x x x x x x | X 1 1 1 1 1 1 X X X X X X X X X X X X X | 2 4 X 9 5 1 6 1 8 9 3 4 6 5 X 8 8 2 2 3 X 8 3 3 4 6 5 X 8 8 8 2 2 5 5 1 4 4 8 8 3 7 X 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | X X X X X X X X X X X X X X X X X X X | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| 27-1, 60-64 27-3, 76-80 27-CC 28-1, 128-130 28-3, 128-130 28-5, 128-130 28-5, 128-130 28-5, 24-28 29-1, 24-28 29-3, 24-28 29-5, 24-28 30-1, 19-23 30-5, 47-51 31-1, 19-23 32-5, 83-87 33-5, 35-39 33-5, 67-71 33,CC 34-1, 134-138 34-3, 90-94 34-5, 90-94 34-5, 90-94 34-5, 90-94 34-5, 90-94 34-5, 90-94 34-5, 90-94 34-5, 97-99 35-5, 97-99 35-6, 70-74 36-3, 70-74 36-3, 70-74 36-3, 70-74 36-3, 70-74 36-5, 70-74 36-7, 70 | 2 1 1 6 1 5 2 2 2 5 3 1 X X 3 1 X X 3 1 X X 2 3 X 1 1 X 2 X 1 1 2 X X 1 1 4 2 1 1 2 X X miniferal occurrences are given as percent of the total fauna, and | X | 1 2 2 3 1 2 1 6 2 X 2 | | 2 | 9 6 6 6 4 X 8 4 13 3 1 3 2 2 10 2 2 10 100 1 4 4 1 9 2 2 2 17 3 17 X 8 4 4 8 2 6 1 8 8 9 4 2 3 X X X X X X X X X X 7 5 | 2 2 2 2 2 | 4 X | X 3 2 3 2 X | 2 X 2 1 1 1 X 1 X 2 X 1 X 1 X | X 3 X 2 2 2 4 1 2 X 2 | 6 3 2 1 X 1 X 1 X 1 1 2 4 X X 1 2 9 3 2 X 4 4 9 | X 1 1 X X 2 3 1 2 2 X | x x x x x | 17 8 10 5 4 3 3 7 X 5 X 1 7 1 4 3 4 X 2 3 3 6 2 4 3 X X 3 5 2 | X 3 2 X 2 X 6 1 4 1 2 2 5 1 3 17 6 2 | 11 1 | 2 4 3 3 2 8 X 1 1 X X X X X 4 4 4 4 X X X 3 2 3 11 2 8 8 4 15 X | 5 | x x 2 2 2 2 2 | | 2 2 2 | 2 X | X 2 |

| Volume 84: Ch | Volume 84: Chapter 9: Table 2. (Continued). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--|---|---|---|--|---|---------------------------------------|---|---|---|---|---|---|---------------------------------------|--|---------------------------------------|---|---|--|--|-----------------------|--|---------------------------|--|--|---------------------------------------|---|--------------------------|---------------------------------------|---|--|--|--|----------------------------------|--|--|---|---|-------------------------------|
| Sample (interval in cm) | F. wiesneri Fursenkoina bramletti | F. cornuta F. dibollensis F. fusiformis | F. punctata F. rotundata F. spp. | F. squammosa Gaudryina arenaria Glandulina laevigata | Globobulimina barbata G. pacifica G. spinifera | Globulina sp. Goesella flintti G. guraboensis | Guttulina caudata G. irregularis G. sp. | Gyroidina altiformis G. altispira G. broeckhiana | G. lamarckiana G. multilocula | G. nitidula G. orbicularis | G. planulata G. cf. G. planulata G. auinqueloba | G. soldanii G. sp. | G. zeianata Hanzawaia basiloba H. illingi H isidropsis | H. mantaensis H. sp. | Hoeglundina elegans H. cf. H. elegans Karreriella bradyi | K. chilostoma K. sp. Lagena becki | L. costata L. elongata L. gracillima | L. hexagona L. hispida L. laevis | L. lineata L. meridionalis | L. semistriata L. semistriata L. setigera | L. striata Laticarinina pauperata | Lenticulina altolimbata L. arcuatostriata L. cf. L. arcuatostriata | L. arcuatostriata caroliniana L. calcar L. caritae | L. colorata L. crassa | L. cushmani L. dicampyla L. gibba L. iota | L. limbosa L. melvilli | L. nikobarensis L. occidentalis L. occidentalis torrida L. plummerae | L. piummerae L. rotulata L. submanilligera | L. sp. L. terryi | L. vaughani L. vaquensis Marginulina alazaensis | M. dubia M. exima M. sp. | M. subrecta M. sublituus M. sublituus | M. pallida Melonis affinis M. pompilioides | Milliammina fusca Nodogenerina challengeriana N. laevigata | Nodosaria calomorpha N. fistuca N. hispida | N. lamellata N. longiscata N. obliqua | N. parexilis N. pyrula N. sp. | N. stainforthi Nonionella auricula N. incisa | N. miocenica N. stella Oolina melo | O. squamosa Oridorsalis sp. O. sublenera O. umbonatus | Osangularia cutleri O. mexicana Parafissurina sp. P. venezuelana | Planulina exorna P. marialana |
| 1-1, 30-34 1-3, 30-34 1-3, 30-34 1,CC 2-1, 80-84 2-3, 80-84 2-5, 80-84 2-7, 40-42 2,CC 3-1, 121-125 3-3, 121-125 3-5, 121-125 3-5, 121-125 3,CC 4-1, 75-79 4-3, 108-112 4-5, 108-112 4-5, 108-112 4-5, 108-112 4-5, 108-112 5-3, 73-77 5,CC 6-1, 47-49 6-3, 47-49 6-5, 47-49 6-5, 47-49 6-5, 47-49 6-5, 47-49 6-5, 47-49 6-5, 48-88 8-3, 84-88 8-5, 84-88 8-5, 84-88 8-5, 84-88 8-7, 84-88 8-7, 84-88 8-8, 84-88 8-1, 84-88 8-1, 84-88 8-2, 84-88 8-1, 84-88 8-2, 84-88 8-3, 84-88 8-5, 84-88 8-5, 84-88 8-7, 8 | X 1 X 9 X 1 X 2 6 5 X 1 X X X X X X X X X X X X X X X X X | x x x x x x x x x x x x x x x x x x x | 1 2 X X X 1 X X X X X X X X X X X X X X | X | X 1 5 4 X 3 X 2 6 3 4 4 5 5 6 1 4 X 3 1 5 4 4 X 3 1 5 4 4 X 3 1 1 5 5 4 5 5 1 2 5 3 3 1 2 2 4 2 2 5 3 3 2 2 X 6 6 4 5 5 5 1 2 5 3 3 2 2 X 6 6 4 5 5 5 1 2 5 3 2 2 X 6 6 4 5 5 5 1 2 5 3 2 2 X 6 6 4 5 5 5 1 2 5 3 2 2 X 6 6 4 5 5 5 1 2 5 3 2 2 X 6 6 4 5 5 5 1 2 5 3 3 2 2 X 6 6 4 5 5 5 1 2 5 3 3 2 2 X 6 6 4 5 5 5 1 2 5 3 3 2 2 X 6 6 3 3 2 2 X 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | X X X X X X X X X X X X X X X X X X X | | X X X X X X X X X X X X X X X X X X X | 1 2 X 1 1 X 3 3 3 X 5 5 5 3 X 1 1 2 2 X X X X X X X | X X X X X X X X X X X X X X X X X X X | 2 | X X X 3 1 1 1 3 X X X 2 X 2 X X 4 1 1 X X X X X X X X X X X X X X X | X 1 X X X X X X X X X X X X X X X X X X | X 4 12 12 12 12 X X X X X X X X X X X X X | 7 | | x x x x x x x x x x x x x x x x x x x | x x x x x x x | x x x x x x x x x x x x x x x x x x x | X | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X | | x x x x | x | | x x x | x | X X X X X X X X X X X X X X X X X X X | X | x x | x | 2 4 X X 7 3 5 3 4 X X X X X X X X X X X X X X X X X X X | x x | | 3 2 | 2 | x x x x x x | x x x | 3 X X X X X X X X X X X X X X X X X X X | | 1 |
| 21-1, 97-99 21,CC 22-2, 32-36 22-4, 32-36 22-4, 32-36 22,CC 23,CC 24-4, 130-134 24,CC 25-2, 51-55 25-4, 51-55 25-4, 51-55 25,CC 27-1, 60-64 27-3, 76-80 27,CC 28-1, 128-130 28-3, 128-130 28-5, 128-130 28-5, 128-130 28-5, 24-28 29-3, 24-28 29-3, 24-28 29-3, 24-28 29-5, 47-51 31-1, 19-23 30-5, 47-51 31-1, 19-23 32-5, 83-87 33-5, 35-39 33-5, 67-71 33,CC 34-1, 134-138 34-3, 90-94 34-5, 90-94 34-5, 90-94 34-CC 35-2, 97-99 35-5, 97-99 35-5, 97-99 35,CC 36-1, 70-74 36-3, 70-74 36-3, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-1, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-3, 121-125 37-1, 10-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-7, 70 | x x | | 50 X | x x x x x x | X X X X | X 2 1 2 4 1 5 2 3 4 3 3 | 1 | 1 2 3 X X | ?X 2 3 X | | 2 1 2 5 X 2 2 1 1 1 2 3 1 6 3 2 X X X X X X X X X X X X X X X X X X | X X | 3 9 6 3 1 1 X 3 | 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 2 3 6 3 9 3 1 8 8 3 1 5 4 3 6 | X 3 | x x x | X | | | 1 X X X X X X X X X X X X X X X X X X X | 2 1 3 X X X X X X X 1 X 3 2 4 X X 6 | 17 | 1 3 X X X X | 2 3 1 X X X X X X X X X X X X X X X X X X | X 2 5 1 4 | 1 6 2 3 1 X | 1 | 1 4 2 2 X | X X 2 X X X | 1 | x x | 100 3 100 46 2 X 3 6 2 X X 1 3 3 X X 1 2 X X X X X X X X | 3 X 3 | 2 X X X X Z 4 X X 1 1 X 4 X | X 9 2 9 X 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 4 8 7 11 1 7 4 7 5 9 3 2 2 X X X X X X X X X X X X X X X X X | 7 1 5 X 2 1 X 1 2 1 2 2 4 10 1 1 | 3 | 2 X | > | 2 2 2 X X X 4 4 X 2 2 1 2 7 4 4 2 2 3 5 5 4 2 4 0 5 4 5 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | X |

| Volume 84: Chapter 9: 7 | Table 2. (Continued). | | T | | | | | | | 1 | I | | 1 | | | | | | | |
|--|--|---|---|---|---|---|---|---|---|---|--|---|--|--|--|---|---|---|---|--|
| P. cf. P. ornata P. renzi | P. sp. Plectofrondicularia advena P. californica P. keijzeri P. miocenica | P. morreyae P. ruthvanmurrayi P. vaughani P. yumuriana Pleurostomella acuminata | P. alternans P. brevis P. narajoensis Praeglobobulimina affinis | P. ovata P. ovata P. pupoides P. sp. Pseudonodosaria conica | Pullenia bulloides P. cf. P. duplicata P. malkinae P. quinqueloba | P. salisburyi P. sp. Pyrgo depressa P. murrhina P. rotalaria P. serrata | P. sp. P. williamsoni Quinqueloculina lamarckiana Q. sp. Q. venusta | Rectobulimina mexicana Rosalina columbiensis Rotorbinella tholus R. cf. R. tholus | Saracenaria acutauricularis S. schencki S. senni S. sp. Sigmoilina tenuis | S. schlumbergeri S. sigmoidea Siphogenerina basispinata S. cf. S. basispinata S. multicostata | S. sp. S. tenua S. transversa Siphonia pulchra | Siphonodosaria abyssorum S. gracillima S. cf. S. gracillima S. paucistriata S. sp. | S. verneulli Siphotextularia catenata Sphaeroidina bulloides Spiroloculina texana Spiroplectammina sp. | Stilostomella adolphina S. advena S. gracilis S. lepidula S. subspinosa | Suggrundia californica S. eckisi Textularia leuzingeri Trifarina angulosa | T. carinata Triloculina globosa T. trihedra Tritaxilina colei | Uvigerina carapitana U. excellens U. gallowayi U. cf. U. gallowayi U. hispida U. hispidocostata | U. incilis U. juncea U. peregrina U. peregrina U. rustica | U. senticosa U. spp. U. striata U. vaderescens U. cf. U. vaderescens Vaginulina americana Vaginulinopsis nudicostata Valvulineria araucana V. glabra V. malagaensis | Biofacies IS = inner shelf OS = outer shelf UB = upper bathyal O2 = oxygen-minimum zone UMB = upper middle bathyal LMB = lower middle bathyal LB = lower bathyal A = abyssal Number Diversity IS OS UB O2 UMB LMB LB A |
| 1-1, 30-34 1-3, 30-34 1-3, 30-34 1, CC 2-1, 80-84 2-3, 80-84 2-5, 80-84 2-7, 40-42 2, CC 3-1, 121-125 3-5, 121-125 3-5, 121-125 3-5, 121-125 3-5, 108-112 4-5, 108-112 4-5, 108-112 5-3, 73-77 5, CC 6-1, 47-49 6-3, 47-49 6-5, 47-49 6-5, 47-49 6-6, 47-49 6-7, 40-44 7-7, 40-44 7-7, CC 8-1, 84-88 8-3, 84-88 8-5, 84-88 8-5, 84-88 8-6, 84-88 8-7, 84-88 8-7, 84-88 8-8, 84-88 8-9, CC 9-2, 32-36 9-4, 32-36 9-4, 32-36 9-4, 32-36 9-7, CC 10-1, 65-69 10-3, 65-69 10, CC 11-1, 48-52 11, CC 12-3, 72-76 12, CC 13-3, 29-33 14-1, 3-7 14-3, 8-12 14, CC 15-3, 57-61 16-3, 33-37 17-3, 15-19 17-5, 8-12 18-1, 22-26 18-3, 21-25 19-3, 21-25 20-3, 57-61 21-1, 97-99 21, CC 22-2, 32-36 22-44, 130-134 24, CC 25-2, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-4, 51-55 25-5, CC | X | X X | 2 x x x x x x x x x x x x x x x x x x x | 4 | 4 X X X X X X X X X X X X X X X X X X X | X | x x x x x x x x x x x x x x x x x x x | 3 1 X 4 X 2 1 3 2 2 1 1 3 2 2 2 1 1 2 2 2 2 2 2 2 | | 27 | | X | X 3 4 X 2 3 3 2 | 3 2 | x | x x x x x x x x x x x x x x x x x x x | 1 1 2 2 3 4 4 4 2 2 X X X 100 2 2 X 2 X 3 4 4 4 4 2 2 7 7 2 X 5 4 4 7 7 4 4 9 9 7 100 X 3 1 5 1 1 12 2 8 8 1 2 1 1 13 7 1 20 14 10 4 21 3 3 3 2 3 12 16 17 | X | 1 | Substitute |
| 27-1, 60-64 27-3, 76-80 27-CC 38-1, 128-130 28-3, 128-130 28-5, 128-130 28-5, 128-130 28-5, 128-130 28-5, 128-28 29-3, 24-28 29-3, 24-28 29-5, 24-28 30-1, 19-23 30-5, 47-51 31-1, 19-23 32-5, 83-87 33-5, 35-39 33-5, 67-71 33, CC 34-1, 134-138 34-3, 90-94 34-5, 90-94 34-5, 90-94 34-5, 90-99 35-5, 97-99 35-5, 97-99 35-5, 97-99 35-6, 70-74 36-3, 70-74 36-3, 70-74 36-5, 70-74 36-5, 70-74 36-3, 70-74 36-5, 70-74 36-5, 70-74 36-3, 70-74 36-5, 70-74 36-3, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-5, 70-74 36-7 36-1, 121-125 37-7, 121-125 3 | 1 | 2 X 3 19 X X 1 X X X X 1 | X X X X 6 6 1 1 2 2 2 2 | 1 | X X X X 3 1 1 1 1 3 2 3 X X X X X X 2 X X 2 14 2 14 | 6 4 2 3 | x 6 6 1 | 2 X X X X X X X X X X X X X X X X X X X | 1 6 3 X X X X 1 1 1 2 3 3 6 1 1 | 6 5 4 13 9 6 6 2 3 8 8 3 2 2 2 4 X 10 1 X 11 | 2 4 3 X X 8 X X 7 4 1 13 X X X 8 X X 7 | 50 8 8 6 35 12 4 4 4 4 16 8 10 15 2 8 15 12 4 4 4 1 X 2 14 1 X 2 14 1 X 2 1 1 X 2 1 1 2 | 3 5 3 3 1 1 2 3 X X X 3 2 2 X X 1 1 1 1 X 1 6 X X X 2 2 5 6 X X X 4 4 4 | 10 10 5 1 X 3 1 8 1 6 3 1 3 1 3 2 9 8 3 11 1 2 2 2 4 3 X X X X X X X 2 3 X X X 2 3 X X X 2 3 X X X 2 3 X X X 2 3 X 3 X 3 7 5 4 11 2 2 X 3 3 3 2 4 4 1 10 1 1 1 1 2 2 X 4 4 1 10 1 1 2 2 X 4 4 1 10 1 1 1 2 2 3 | X 2 2 7 7 X 3 | X X X X X X | X 17 3 4 17 3 4 10 8 16 11 13 13 13 13 13 13 13 13 13 14 15 15 10 | 1 2 4 8 8 7 9 2 7 7 9 1 6 1 2 2 9 7 7 6 1 2 2 1 2 1 2 1 2 1 2 1 1 2 1 1 1 1 1 | 3 3 1 1 | 11 |