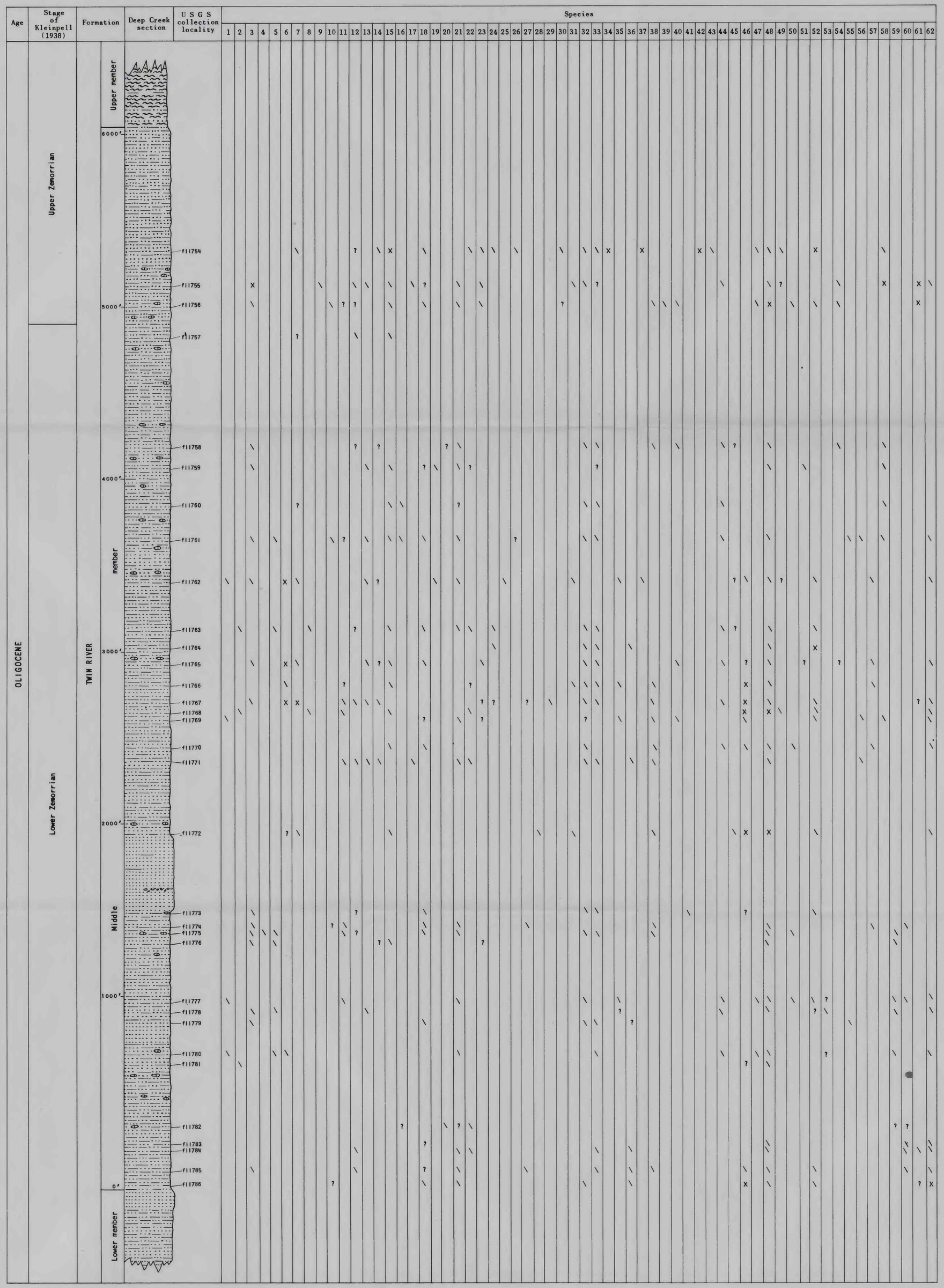

KEY TO COLUMN HEADING
(Arranged taxonomically)

1. *Involutina* sp.
2. *Gaudryina* cf. *G. alazanensis* Cushman.
3. *Pseudoclavulina* sp.
4. *Karreriella* cf. *K. contorta* Beck.
5. *Karreriella washingtonensis* Rau.
6. *Quinqueloculina imperialis* Hanna and Hanna.
7. *Quinqueloculina weaveri* Rau.
8. *Quinqueloculina* sp.
9. *Spiroloculina texanus* Cushman and Elliaor.
10. *Sigmoilina tenuis* (Czjzek).
11. *Nummoloculina* sp.
12. *Triloculina* cf. *T. gilboei* Beck.
13. *Pyrgo* sp.
14. *Robulus* cf. *R. calcar* (Linné).
15. *Robulus* app.
16. *Dentalina dusenburyi* Beck.
17. *Dentalina* cf. *D. quadrulata* Cushman and Laiming.
18. *Dentalina* sp. C [of Rau, 1948].
19. *Dentalina* spp.
20. *Nodosaria* cf. *N. anomala* Reuss.
21. *Nodosaria longistigata* d'Orbigny.
22. *Pseudoglandulina* cf. *P. inflata* (Bornemann).
23. *Pseudoglandulina* aff. *P. inflata* (Bornemann).
24. *Lagena sulcata* (Walker and Jacob).
25. *Guttulina frankei* Cushman and Ozawa.
26. *Guttulina* cf. *G. pacifica* (Cushman and Ozawa).
27. *Guttulina problema* d'Orbigny.
28. *Pseudopolymorphina* cf. *P. ligua* (Roemer).
29. *Sigmomorphina* sp.
30. *Nonion incisum* (Cushman).
31. *Nonion* cf. *N. pompilioides* (Fichtel and Moll).
32. *Plectofrondicularia packardi multilineata* Cushman and Simonson.
33. *Plectofrondicularia vaughani* Cushman.
34. *Buliminella subfusiformis* Cushman.
35. *Bulimina alsatica* Cushman and Parker.
36. *Bulimina* cf. *B. alsatica* Cushman and Parker.
37. *Bulimina* cf. *B. ovata* d'Orbigny.
38. *Bulimina pupoides* d'Orbigny.
39. *Globobulimina pacifica* Cushman.
40. *Entosolenia* sp.
41. *Bolivina* cf. *B. jacksonensis* Cushman and Applin.
42. *Bolivina marginata adelaidana* Cushman and Kleinpell.
43. *Uvigerina gallowayi* Cushman.
44. *Uvigerina garzaensis* Cushman and Siegfus.
45. *Ellipsonodosaria* cf. *E. cocoaensis* (Cushman).
46. *Valvulineria willapaensis* Rau.
47. *Gyroidina condoni* (Cushman and Schenck).
48. *Gyroidina orbicularis planata* Cushman.
49. *Eponides mansfieldi oregonensis* Cushman and R. E. and K. C. Stewart.
50. *Eponides umbonatus* (Reuss).
51. *Epistomina eocenica* (Cushman and Hanna).
52. *Cassidulina cassipunctata* Cushman and Hobaon.
53. *Cassidulina subglobosa* Brady.
54. *Cassidulinoides* sp.
55. *Chilostomella* cf. *C. oolina* Schwager.
56. *Pullenia bulloides* (d'Orbigny).
57. *Sphaeroidina variabilis* Reuss.
58. *Globigerina* sp. A.
59. *Globigerina* sp. B.
60. *Globigerina* sp. C.
61. *Anomalina californiensis* Cushman and Hobson.
62. *Cibicides elmaensis* Rau.

EXPLANATION

Conglomerate

Sandstone

Silty sandstone

Sandy siltstone

Concretionary siltstone

Mudstone

X
Abundant to common

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Few to rare

?
Questionably identified

NOTE: Collection localities shown on plate 1

FORAMINIFERA FROM A PART OF THE TWIN RIVER FORMATION ON DEEP CREEK IN THE NORTHERN OLYMPIC PENINSULA, WASHINGTON

678-833 O - 64 (In pocket) No. 3