

Of the 36 species in this list, the Paleontology of California gives 8 as coming from the Shasta and 18 from the Chico, while 2 of the others are doubtfully referred to the former and 2 to the latter. At least 12 of these species are also represented by identical or very closely related species in the Queen Charlotte islands (lower shales), and 7 are similarly represented in the equivalent of the Chico on Vancouver island.

It will be remembered that Horsetown is a typical and well known Shasta locality, and that the types of two of Mr Gabb's species were obtained there.

Many of Mr Diller's localities for fossils are on Cottonwood creek and its branches, a few miles southwest of Horsetown. It will be instructive to group together some of these places and consider the fossils that were obtained from them. On Hulen creek, and near its mouth on Cottonwood creek, the following were collected:

|                                    |                                        |
|------------------------------------|----------------------------------------|
| <i>Ammonites batesi</i> , Trask.   | <i>Trigonia crassa</i> , Meek.         |
| <i>Ammonites hoffmanni</i> , Gabb. | <i>Trigonia trigonatus</i> , Gabb.     |
| <i>Ammonites remondi</i> , "       | <i>Nemodon vanconrencensis</i> , Meek. |
| <i>Tarritella</i> .                | <i>Cucullaea truncata</i> , Gabb.      |
| <i>Cytherea</i> .                  | <i>Pecten operculiformis</i> , "       |

This collection adds two Shasta and two Chico species to the Horsetown and Texas springs list.

At and about Ono, California, mostly within a mile of the village, the following species were obtained:

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| <i>Ammonites batesi</i> , Trask.               | <i>Martesia clausa</i> , Gabb.        |
| <i>Ammonites breweri</i> , Gabb.               | <i>Turris plenus</i> , "              |
| <i>Ammonites hoffmanni</i> , "                 | <i>Plenomya lavigata</i> , Whiteaves. |
| <i>Ammonites remondi</i> , "                   | <i>Trigonia leana</i> , Gabb.         |
| <i>Ammonites (Phylloceras) ramosus</i> , Meek. | <i>Trigonia aquicostata</i> , "       |
| <i>Ancylloceras remondi</i> , Gabb.            | <i>Trigonia crassana</i> , Meek.      |
| <i>Belemnites impressus</i> , "                | <i>Nemodon vanconrencensis</i> , "    |
| <i>Cinctia mathewsoni</i> , " (?)              | <i>Plicatula variata</i> , Gabb.      |
| <i>Lunatia arellana</i> , "                    | <i>Pecten operculiformis</i> , "      |
| <i>Potamides diadema</i> , "                   | <i>Aricula mucronata</i> , Whiteaves. |
| <i>Ringicella polita</i> , "                   | <i>Pinna</i> .                        |
| <i>Anchura</i> .                               | <i>Ostrea</i> .                       |
| <i>Nerinea mandensis</i> , Whiteaves.          | <i>Eriphyla</i> .                     |

Most of the species in this list not contained in the preceding ones were originally described as from the Shasta.