

The muscular impressions and hinge dentition of this shell being unknown, it is, of course, not quite certain whether it is an *Anomia* or not. Dr. C. A. White, who has seen the specimens, thinks it is a *Placunanomia*, of the subgenus *Monia*, Gray.

OSTREA GLABRA, Meek and Hayden.

- Ostrea glabra*, Meek & Hayden. 1857. Proc. Ac. Nat. Sc. Phil., vol. IX., p. 146.
Ostrea Wyomingensis, Meek. 1873. Rep. U. S. Geol. Surv. Terr. for 1872, p. 508.
Illustrated by Dr. C. A. White on pl. 20 of Contr. to Pal.
(U.S. Geol. Surv., 1880), Nos. 2 to 8.
Ostrea arcuatilis, Meek. 1873. Rep. U.S. Geol. Surv. Terr. for 1872, p. 477.
Ostrea glabra, Meek. 1876. Rep. U.S. Geol. Surv. Terr., vol. IX., Rep. Inv. Cret.
and Tert. Foss. U. Miss. Cy., p. 509, pl. 40, figs. 2, a, b, c, d.
Ostrea insecuris, White. 1876. Powell's Rep. Geol. Uinta Mts., p. 112. Illustrated
on pl. 21 of Dr. C. A. White's Contr. to Pal., Nos. 2 to 8.
Ostrea glabra, White. (as of M. & H.) 1880. U.S. Geol. Surv., Contr. to Pal., Nos.
2 to 8, p. 56.
Ostrea glabra, White. (as of M. & H.) 1883. Rev. Non-Marine Foss. Moll. N.
Am., pls. 9, 10, 11 and 12.

Bow River, mouth of East Arrow-wood Creek, G. M. Dawson, 1881:
Upper Belly River, twenty-two and twenty-three miles above the mouth
of the Waterton, R. G. McConnell, 1881; St. Mary River Series. High
River five miles above the forks, R. G. McConnell, 1882: Forks of
Devil's Pine and Three Hills Creeks, also Red Deer River, near
8th correction line, J. B. Tyrrell, 1884. Oyster Creek, N. W.
branch of the north fork of the Old Man River, G. M. Dawson, 1884.
This last locality is in a nearly isolated basin in the mountains,
and the horizon is not certainly that of the St. Mary River Series.

Most of the specimens from these localities belong to the variety
Wyomingensis.

A single valve of an oyster collected by Prof. Macoun from a layer
of limestone in the Hand Hills, in Township 28, Range 17, west of
the 4th Meridian, may also be referable to this variable species.

OSTREA SUBTRIGONALIS, Evans and Shumard.

- Ostrea subtrigonalis*, Meek. (as of E. & S.) 1876. Rep. U.S. Geol. Surv. Terr., vol.
IX., Rep. Inv. Cret. & Tert. Foss. U. Miss. Cy., p. 510.
pl. 40, figs. a, b, c, d.
" " White. 1883. Rev. Non-marine Foss. Moll. N. Am., pl. 12,
figs. 2-5.