

VERBAL COMMUNICATIONS.—Mr. Haldeman called the attention of the Academy to several specimens of *Unio* of various colours, principally green and brown, the former being referable to *U. viridis* of Rafinesque, the latter to *U. Tappanianus*, of Lea.

Mr. H. contends that they are identical, because they pass into each other, both as regards colour and the peculiarities of the cardinal teeth, which are lamellar, and extremely variable in number and size. It was not necessary to add a synonym to the original name, as Mr. Conrad proposed the name *subviridis* (New Fresh-water Shells,) for the brown variety which he figured; in the event of its proving distinct from *U. viridis* of the west. This method of proposing names is very proper, because it has a tendency to limit the number of synonyms which might otherwise be inflicted upon the nomenclature of natural history. Some contend that the shell from the Susquehanna cannot be the *viridis*, because the latter has not been found in the west, its locality being Kentucky river, according to Rafinesque; whilst the *Tappanianus* is found in the Susquehanna; but Mr. H. has found unequivocal specimens in Pigeon creek, Kentucky, which cannot be distinguished from those found in eastern Pennsylvania. He has found a variety with a thick shell, in James river, Va. Rafinesque's name has been objected to, but one of the specimens exhibited presents as brilliant a green as that of *Anodonta cataracta*, Say.

Mr. Haldeman wished the fact to be recorded, that he had placed some living specimens of Western *Unio*, *Unio rectus*, *triqueter*, *circulus*, *cylindricus*, *ovatus* and others, in the Susquehanna, where no western species has hitherto been found, except *U. viridis*, Raf.

OCTOBER, 1841.]

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Skull of *Chelonura* Te
river.—Deposited b
Corvus pica, English
Perdix cinerea, ferr
—Presented by Dr.

Purpura persica.—Fr
Caracolla Hydiana; t
specimens each, fr
Dr. J. C. Jay.

Unio lanceolatus, two
Virginia.—From I

Unio purpureus; tw
Providence, R. I.—

Turbinella ceramica
S. G. Morton.

Unio retusus, *U. cla*
U. solidus? *U. p*
U. sulcatus, *U. undu*
U. Æsopus, *U. l*
trated by a series
the different age
U. clausa, H. Penns
U. concava, H. thyr
U. monodon; fro
vicinity of Cincin
thony, of Cincin