

Revision of a new Species of SYLVICOLA. By S. F. BAIRD.
Read January 12th, 1852.

SYLVICOLA KIRTLANDII, Baird. ♂.

Plate VI.

...ashy blue and gray, streaked with black, as in *S.*
...No yellow on the crown or rump. Beneath yellow
...streaked with black across the breast and on the sides.
...black; eyelids white. $5\frac{1}{2}$, $8\frac{1}{8}$, $2\frac{1}{12}$.

...species to which this approaches most closely is the
coronata, which it resembles in size and the coloration of
...parts. It is, however, without the conspicuous
...rump and crown, and is nearly uniform yellow
...It has not the yellowish olive of the supposed *S.*
...Wells, nor the yellow frontlet of *Myiodiocetes bonapar-*

...single specimen procured is not quite matured,
...dissection showed it to be a male. The dull winter
...the upper parts is giving way to an ash gray, most
...on the crown. The central lineation of black in the
...of the crown is not so extensive as in *S. coronata*.
...back and rump uniform dull ash, probably to be re-
...by the brighter color of the crown. Beneath yellow:
...spots across the breasts and along the sides of the
...sparse and small. Lower tail coverts yellowish
...narrow frontlet, and the lores black, this color
...ting the cheeks. Eyelids white, as is also a
...at the posterior corner of the orbit. Bill and feet
...longer and stouter than in *S. coronata*. Primary
...wing coverts margined and tipped with in-
...are dull white. Two outer tail feathers spotted on



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Sylvicola kirtlandii
... ..

the inner web. The outer edges of all, delicately margined with dull white.

3d quill longest, then, in succession, 2d, 4th, 5th and 1st. Length $5\frac{1}{2}$; extent $8\frac{7}{8}$; wing from carpal joint $2\frac{11}{16}$; along ridge $\frac{27}{60}$, rictus $\frac{34}{60}$; tarsus $\frac{45}{60}$; hind toe and claw middle do. $\frac{38}{60}$.

This species, which was shot near Cleveland, Ohio, by Mr. Charles Pease, May 13th, 1851, is appropriately dedicated to Dr. Jared P. Kirtland, of Cleveland, a gentleman to whom more than any one living, we are indebted for a knowledge of the Natural History of the Mississippi Valley.

Descriptions of Two New Species of Fresh Water Shells.

By TEMPLE PRIME, Corresponding Member. Read 26th January, 1852.

CYCLAS SECURIS. Plate VI.

C. testá, parva, rhomboideá, postice abruptissima, subquilaterali; natibus elevatissimis; dentibus cardinalibus minutis, lateralibus elongatis, fortibus.

Long. 0.27; Lat. 0.24; Diam. 0.16.

Shell small, rhomboid, posteriorly very abrupt, somewhat equilateral, striations hardly visible, color light, pale yellow, beaks very prominent. Hab. Massachusetts.

This is one of our best distinguished and most attractive species: it somewhat resembles the *Cyclas truncata* of Leach, but is much more compressed, and is less acute. One of the best marks is the contrast of the roundness of its anterior with the abruptness of its posterior. When the animal is alive, this shell assumes a bright pink color; and its beaks are of a dark brown; it, however, loses these peculiarities when the animal is dried up.

Found in running streams, living with the *Cyclas truncata* and *Pisidium dubium*.

PISIDIUM COMPRESSUM. Plate VI.

P. testá minutá, compressá, perobliquá, triangularis, postice abruptá, albá, nitidá, tenuiter striatá, natibus parvis conicatis.

Long. 0.16; Lat. 0.14; Diam. 0.9.

Shell small, somewhat oblique, compressed, triangular, anteriorly abrupt, slightly striated, epidermis very light, color pale yellow, beaks small, slightly elevated, depressed at the summit. Hab. Massachusetts.

This species somewhat resembles the young of the *Pisidium dubium*, but is somewhat more compressed, and its beaks are likewise less elevated.

Found in company with the *Pisidium dubium* and the *Cyclas minor*.

Description of a New Species of the genus *FULIGULA*.

By JOHN G. BELL. Read 30th Aug. 1851.

VIOLET, Duck—*Fuligula viola*.

Specific Characters.—Length 30 inches; extent 43 inches. Dull yellow, black at tip and base; head and neck violet, changeable to glossy green; irrides hazel. Foreneck and breast dark chestnut; back, rump and upper tail coverts, metallic green; wings brown, slightly glossed with dull green; primaries tipped with violet; tail light sooty brown, shaded with violet, except the four centre feathers, which are shaded with green; greater wing coverts, light ash; smaller under wing coverts, brownish ash, barred and largely tipped with white; axillars dark ash, minutely spotted and tipped with