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“Remarks on the genus *Achatinella*, Swainson, and descriptions of six new species from Mr. Cuming’s collection.” By Dr. L. Pfeiffer.

Upon examining the long series of forms which occur in the vast family of the *Helicææ*, I have ascertained that there are several groups which Nature herself seems to have characterized as genera, though it would be very difficult to draw out such a generic definition as would exclude all other nearly allied species. One of these natural groups is the genus *Achatinella*, proposed by Swainson in Brandt’s Journal, 1828, which appears to be peculiar to the Sandwich Islands, and has been united to the genus *Bulimus* by most recent authors, as by myself in my ‘Symbolæ.’ However, the greater the number of species we become acquainted with, the more convenient it appears to unite them together as a distinct genus. I may therefore be permitted to give a short account of the species now known.

1. ACHATINELLA LUGUBRIS (*Turbo*), Chemn. Described by Lamarck under the name of *Monodonta seminigra*, and figured by Swainson in the Zool. Illustr. under the name of *A. pica*. Of course the name of Chemnitz must be retained.
2. ACHATINELLA PERVERSA, Swains. Synon. *Helix decora*, Fér., t. 155. f. 5—7; *Bulimus decorus*, Pfr. Symb.
3. ACHATINELLA ACUTA, Swains. *Hel. spirizona*, Fér., t. 155. f. 14, 15.
4. ACHATINELLA BULIMOIDES, Swains. *Hel. lorata*, Fér., t. 155. f. 9—11; *Bul. loratus*, Pfr. Symb.
5. ACHATINELLA LIVIDA, Swains. *Hel. vulpina*, Fér., t. 155. f. 1, 2; *Bul. vulpinus*, Pfr. Symb.
6. ACHATINELLA ROSEA, Swains. A very distinct species, to which none of Férussac’s figures may be referred.
7. ACHATINELLA PULCHERRIMA, Swains. This species might perhaps be considered as a dextrous variety of *A. livida*.
8. ACHATINELLA TURRITELLA (*Hel.*), Fér., t. 155. f. 13; *Bul. turritella*, Pfr. Symb.
9. ACHATINELLA TRISTIS (*Hel.*), Fér. Mus.; *Bul. tristis*, Pfr. Symb.
10. ACHATINELLA VENTULUS (*Hel.*), Fér. Mus.; *Bul. ventulus*, Pfr. Symb.
- ✓ 11. ACHATINELLA RADIATA, Pfr. *Ach. testâ ovatâ, solidulâ, leviter striatâ, nitidâ, viridi et luteo radiatâ, strigis intercurrentibus nigricantibus; spirâ conicâ, obtusiusculâ; suturâ marginatâ; an-*

*v. = undans m. hel.*

*fractibus*  $5\frac{1}{2}$  *vix convexiusculis, ultimo spirá paulò breviorè; columellá dente brevi calloso rubello munitá; aperturá oblongo-ovali; peristomate intus fusco-rubello-labiato.*

Long. 19, diam. 10 mill.

Ins. Sandwich. (Mus. Cuming.)

12. *ACHATINELLA PICTA*, Pfr. *Ach. testá sinistrorsá, ovato-elongatá, striatulá, corned, maculis et flammis nigro-fuscis eleganter pictá; spirá turrítá, gracili, acutiusculá; suturá simplice; anfractibus 6 convexis, ultimo  $\frac{3}{7}$  longitudinis subæquante; columellá valdè tortá, dente planulato, acutè prominente, albo munitá; aperturá oblongá; peristomate simplice, acuto.*

Long.  $12\frac{1}{2}$ , diam. 7 mill.

Ins. Sandwich. (Mus. Cuming.)

✓ 13. *ACHATINELLA BREVIS*, Pfr. *Ach. testá ovatá, brevi, solidá, obliquè striatulá, nitidá, fuscá; spirá conicá, acutiusculá; anfractibus 6 convexiusculis, ultimo  $\frac{1}{3}$  longitudinis vix superante, subgloboso; columellá breviter arcuatá, acutè dentatá; operturá rotundato-lunari; peristomate simplice, albo.*

Long. 11, diam.  $6\frac{1}{2}$  mill.

Ins. Sandwich. (Mus. Cuming.)

✓ 14. *ACHATINELLA PYRAMIS*, Pfr. *Ach. testá ovato-pyramidatá, lævissimè striatá, diaphaná, virenti-corned; spirá pyramidatá, apice acuto; suturá lineari, angustè marginatá; anfractibus 8 planis, ultimo  $\frac{3}{8}$  longitudinis subæquante; columellá brevissimè arcuatá, plicá dentiformi complanatá, acutá, munitá; aperturá ovali.*

Long. 12, diam.  $5\frac{1}{2}$  mill.

Ins. Sandwich. (Mus. Cuming.)

✓ 15. *ACHATINELLA CLARA*, Pfr. *Ach. testá oblongá, longitudinaliter plicatulo-striatá, pellucidá, pallidè corned; spirá turrítá, apice obtuso; suturá lineá rufá marginatá; anfractibus 8 planiusculis, ultimo  $\frac{1}{3}$  longitudinis vix æquante; columellá vix arcuatá, dente parùm prominente munitá; aperturá ovali.*

Long. 12, diam.  $4\frac{3}{4}$  mill.

Ins. Sandwich. (Mus. Cuming.)

✓ 16. *ACHATINELLA CORNEOLA*, Pfr. *Ach. testá ovato-oblongá, lævissimè striatulá, pellucidá, nitidá, corned; spirá turríto-conicá, apice obtusiusculo; suturá subsimplice; anfractibus 8 planiusculis, ultimo  $\frac{2}{3}$  longitudinis subæquante; columellá valdè arcuatá, dente acutè prominente, albo, complanato instructá; aperturá irregulariter ovali; peristomate intus callo tenui, nitido, albo sublabiato.*

Long. 15, diam. 7 mill.

Ins. Sandwich. (Mus. Cuming.)

17. *ACHATINELLA GRAVIDA* (Hel.), Fér., t. 155. f. 3, 4.

18. *ACHATINELLA LUTEOLA* (Hel.), Fér., t. 155. f. 12. These two species I have not been able to find out of the great number of varieties and species I had the opportunity of examining.