

GLEANINGS AND ORIGINAL MEMORANDA.

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650. HOULLETIA TIGRINA. *Linden.*  
(*aliàs Paphinia tigrina Gardens.*) One of

the finest of all epiphytes. Flowers rich yellow daggled all over with crimson. Native of New Grenada. Belongs to the Order of Orchids.

*H. tigrina*; scapo decurvo, sepalis altè connatis, petalis acutissimè trilobis, labelli epichilio sessili ovato obtuso apiculato hastato versus basin verrucoso angulis posticis acuminatis, mesochilio apice carnosio in tuberculum infundibulare elevato cirrhis ascendentibus falcatis columnâ brevioribus, hypochilio carnosissimo basi excavato semibiloculari.

Wild on the ground in New Grenada, in the province of Ocaña, growing in forests of Weinmannia, where it was found by Mr. Schlim, one of Mr. Linden's collectors, in June and July, 1851, at an elevation of 4800 feet. It has been our good fortune to see many beautiful Orchids, and after becoming acquainted with *Phalaenopsis amabilis*, *Vanda cœrulea*, and a few others of that class, we had supposed that nothing finer remained to reward the traveller. But here we have a novelty which, to say the least of it, must be ranked fully on a level with those glorious species. It has just flowered with Mr. Linden, in his establishment at Luxembourg, and we have now before us some recent flowers and a magnificent coloured figure by De Tollenaere, prepared for publication in the present work; but as this is the last number of our "Flower Garden" which will appear, a brief description is all we can give. The leaves are broad, plaited, erect, almost two feet long, and look like those of a vigorous Stanhopea. The stem appears to be about as thick as a swan's quill, greenish red, slightly dotted with brown. The flowers are four inches in diameter, and of the firm texture of Stanhopeas. The sepals are oblong, concave, straw-colour, very richly mottled and variegated with deep rose. The petals are one inch and three-quarters long, very acute, with a strong sharp-pointed lobe on each side, brilliant yellow variegated with rich crimson in the same way as the sepals. The lip consists of a broad fleshy oblong stalk and a flat spade-shaped blade; the latter is yellowish at the point, otherwise whitish speckled all over with crimson; the stalk is richly marked with cross bands of blood-red, and has on either side a process shaped like a scythe-blade which rises up in the direction of the anther. The column is dull yellow speckled with purple. After such an account it is only necessary to say that Mr. Linden has this noble plant on sale, and that the character of Houletia as a genus distinct from Stanhopea is placed in jeopardy.

We avail ourselves of the present opportunity of mentioning that Mr. Linden also possesses another Houletia, having much the habit of *H. Brockelhurstii*, and like it remarkable for its fragrance. It also grows in New Grenada, in the province of Ocaña, where it was found by Mr. Schlim in May, 1851, on the borders of rivulets. Its extremely aromatic odour discovered its presence at a considerable distance, on which account Mr. Linden calls it *H. odoratissima*. The pseudobulbs are described as resembling those of the Brazilian Houletia, but being more blunt. The flowers are brick-red, with the lip and column white. The following technical definition will explain to the botanist how much it differs from the last:—

651. *H. odoratissima* Linden; scapo stricto, sepalis liberis, petalis sepalis conformibus indivisis, labelli epichilio unguiculato ovato obtuso subsagittato undique intra marginem verrucoso angulis posticis obtusis, mesochilio dente longo linguiformi apice acuto cirrhis ascendentibus falcatis columnâ brevioribus, hypochilio appendice pedicellatâ cyathiformi aucto.