

WARM SPRINGS OF A PART OF GERMANY, &c., YIELDING
CARBONIC ACID, &c.

Aix-la-Chapelle. — The Kaiserquelle rises at the junction of clay slate and carboniferous limestone, with a temperature $85\frac{1}{2}^{\circ}$ above that of the vicinity; contains of saline ingredients 32 grains in a pint (muriate, carbonate, and sulphate of soda, &c.); evolves nitrogen 69.5, and carbonic acid 30.

Borset. — The Mühlenbend rises with the same geological relations as the last, with a temperature 121.5° above that of the place; contains of saline ingredients 34 grains in a pint (muriate, carbonate, and sulphate of soda, &c.); evolves nitrogen 80 per cent., oxygen 2, and carbonic acid 18.

Ems. — The Rondul rises in argillaceous slate, with a temperature of 81° above that of the place; contains of saline ingredients 28.9 grains in a pint (carbonate, muriate, and sulphate of soda); evolves carbonic acid gas only.

Wiesbaden. — The Kochbrunnen rises in chloritic slate, with a temperature of 108° above that of the vicinity; contains of saline ingredients 57.6 grains in a pint (muriate of soda, lime, and potash); evolves nitrogen 27 per cent., and carbonic acid 73.

(The above springs all rise in or adjoining the slaty rocks.)

WARM SPRINGS OF THE PYRENEES.

Those of *Arles*, *Preste*, *Vernet*, and *Molitz*, in the Dép. des Pyrénées Orientales, having temperatures above the vicinity of 85.3° , 71.0° , 72.2° , and 40° ; contain of saline ingredients 2, 1, 1.3, 1.3 grains respectively (sulphuret of sodium, &c.); and evolve nitrogen gas only. They rise from granite.

The following are in the same department: —

That of *Sorède*, having a temperature above the vicinity of 9° ; contains of saline ingredients 6.8 grains in a pint (carbonate, sulphate, and muriate of iron); and evolves carbonic acid gas only.

Those of *Reynex*, *Enn*, and *Thuez*, having temperatures above that of the vicinity of 23.7° , 62.0° , and 71° ; have *almost no*