

INDIAN YELLOW.—A rich intense yellow, particularly useful for draperies, and for compounding landscape greens. It washes and works extremely well, and is permanent in water colors.

ITALIAN PINK.—A rich transparent yellow, affording a variety of beautiful foliage-tints, by admixture with indigo and sepia in various proportions. These three colors with burnt sienna will produce almost every variety of sunny foliage. It gives also fine olive greens by admixture with lamp black.

YELLOW LAKE.—Similar in its qualities to italian pink, but a little cooler in tint, and not quite so powerful.

CHROME YELLOW.—Is of three tints; pale, deep and orange; They are opaque colors of strong body, and are occasionally used in thin washes.

MARS YELLOW.—A fine, warm and brilliant artificial ochre quite permanent.

(TO BE CONTINUED.)

PHYSIOLOGY OR NATURAL PHILOSOPHY.

(Continued.)

Heliography is the philosophical doctrine of the sun, which is briskly summed up under the following articles: (1.) The sun is the centre of a system of six great bodies, called planets, which continually move around him. (2.) The sun is the fountain of native light and heat, which is communicated from him to the planets. (3.) His diameter is said to be (though questioned of late) 822,148 english miles, and his solid content 290,971,000,000,000,000 miles. The quantity of matter in his body is to that in the earth as 10,000,000 to 59. (5.) The weight of bodies on his surface to their weight here, as 10,000 to 435. (6.) His density to that of the earth, as 1 to 4. (7.) On his surface appear certain dark spots, called maculæ-solares, which often change their place, number, and magnitude, but what they are is not known for certainty. (8.) If those spots are really in the sun's body they prove him to have a motion