

aromatics as a bitter (see p. 545). It is also used as an antiperiodic.

INDIAN PODOPHYLLUM.

Podophylli Indici Rhizoma. The dried rhizome and roots of *Podophyllum indicum*.

CHARACTERIS. Horizontal, more or less cylindrical and compressed, $\frac{1}{4}$ to $\frac{1}{2}$ in. thick, crowded above with tubercles; marked by deepened scars, giving off numerous stumpy roots from the under surface. Earthy brown. Faint odour, bitter taste.

Officially used in India and Eastern Colonies.

Podophylli Indici Resina. A powdered resin prepared from Indian *Podophyllum resinum*, and resembling the other variety of *Podophyllum resinum*.

Dose, $\frac{1}{4}$ to 1 gr.

Preparation.

Tinctura Podophylli Indici. Indian podophyllum resin, 1; alcohol (90 per cent.), 3.

Dose, 5 to 15 m.

ACTION AND THERAPEUTICS.

Indian podophyllum has precisely the same actions and uses as the other variety (see p. 485).

SAPPAN.

Sappan. The heart wood of *Caesalpinia sappan*.

CHARACTERIS. In hard, heavy sections of variable size, or in orange red chips. The transverse section shows well marked concentric rings and numerous rays.

Officially used in India and Eastern Colonies.

Preparation.

Decoctum Sappan. Sappan, 50; cinnamon bark, 8; water, 1,000.

Dose, $\frac{1}{2}$ to 2 fl. oz

ACTION AND USES.

Before the introduction of aniline dyes sappan wood was used largely to dye fabrics red. It is also used to make red ink. It contains tannin, and is