woollen cloths over three fixed sticks in the ground and inclining towards each other. They next placed a vessel full of red hot stones in the centre of the tent, and crept round it, whilst the tent covering was kept very close and almost air-tight. They then threw hemp seed on the hot stones, and a smoke and steam soon arose, which was denser than the hottest vapour bath, and the intoxicated Scythians would cry and shout at the top of their voices, from the excitement and exhibitration produced by this overpowering process." It is mentioned again in another book of the same author, where he speaks of the Scythians having "a sort of hemp very much like flax," growing "both spontaneously and from cultivation," and of garments being made from it by the Heracians "very like linen." It is also spoken of by Pliny, who says the plant was well known to the Romans. Men tion is also made by the writer of some medici nal properties reputed to belong to it. Thus we see that the plant was well known to the Greeks and Romans; but the Hebrews and Egyptians seem to have been unacquainted with At the present time it is grown to a great extent in Russia, wholly on account of its . re, from which country we received, in 1860, 597,-We also find it cultivated in some parts of India, Africa, and China, and also to a small extent in the United States and Canada. It grows well in England, and is cultivated largely in some counties, as Suffolk, Yorkshire, Lincolnshire, &c. The finest kind is obtained from Italy, though in small quantities; it is known as "Italian Garden Hemp," being raised by spade culture. This is sometimes eight or nine feet long, and is used for sail-cloth as well as for the finer kinds of cordage. The mode of preparing hemp much resembles that employed in the preparation of flax. Its values and uses are so well known that it is needless to mention them here. For its narcotic and resinous properties, it is exclusively cultivated in some parts of Africa and India. The value of the fibre of hemp grown in those countries seem greatly diminished, while the resin-producing properties of the plant appear much enhanced by growth in tropical climes. This resin, called in India "Churrus," is collected in the following curious manner: Men are clad in leather dresses, and sent into the hemp field, where they brush about amongst the plants in a furious manner. soft resin, by this means, adheres to their dresses, and is afterwards scraped off and made into The leathern costume is said to be dispensed with in Nepal, and the resin collected on the bare skins of the coolies. In Persia it is collected by submitting the plants to pressure between coarse cloths, which are subsequently scraped, and the resin melted in pots with the aid of warm water. A finer kind of this resin called waxen churrus, or "momeca," is collected by hand. This fetches a high price, nearly double that of the ordinary kind, which assully !

sells at from five to six rupees the scer. Churus is of a dull greyish brown color, with little or no smell, and is usually met with in cakes from two to three inches long, somewhat in the shape of a lemon. It is used in medicine in India, and is reported to have been successfully employed in tetanus, though its application in this country, for the same purpose, has failed to give satisfactory results. Its intoxicating effects, as shown by Dr. O'Shaughnessy, are most remarkable.

Hemp enters into India commerce in other forms besides Churrus. Gunjah, or Ganjah, is found in the Calcutta bazaars, and is used chieff for smoking. It consists of the plants then selves, with the leaves and inflorescence attack ed, and upon which the resin is left adhering. I is made up in bundles from three to four fee long, containing about twenty plants. The are flattened by pressure, and their colour is a greenish brown, while there is present a hear aromatic odour. It is smoked in a similar ma ner to tobacco, and it is said that its continue use brings on severe asthma. In Africalti known as "Djamba," and is found in the me kets packed in slips of palm leaf or buskst maize, generally about two feet long, tied atw and bottom, and at intervals of about an a or inch and a half throughout the whole length When required for use, one of the case. these divisions is cut through, which is suffice for one pipe. The packages are sometime smaller, and the "charges" not much lar than a marble. The "Hasheesh," or "He hisch." of the Arabs appears to differ from 6: jah in this peculiarity, that it is composed the tops and other tender parts of the plane after the flowering period. They use it in an riety of ways other than smoking, for wh purpose alone they have many modes of preing it. They make it into an electuary, i the addition of dates, or figs and honey,. sometimes cloves, cinnamon, or musk, boiled butter, or oil and water: the filtered product used in pastry. "Bhang," "Sidhee," or " jee," is composed of the larger leaves and sules with a very small quantity of resin. I like Gunjah, is sold in the Indian bazaars. intoxicating properties are not so great; inde it is not applied to the same use; but being a ed with water and other additions, is lin into a drink called "Subzee," which is report to be highly conducive to health. A stime ing infusion is prepared from the plant in & which is said to premote appetite, and is great repute among the upper classes. fruits of the hemp plant, which are was known as hemp seed, are oleaginous and de cent, but appear to be devoid of any min Their chief use is for feeding principle. birds A serviceable oil is expressed from: which is used for mixing paints, build. lamps, and also in the manufacture of soap.—The Technologist for January.