

## GROUP XI.—PAPER INDUSTRY AND STATIONERY.

## A.—RAW MATERIALS FOR PAPER MANUFACTURE.

A large number of fibrous substances has from time to time and in different localities been applied in India to the manufacture of paper. Besides these a number have also been experimented upon at home. The supply of raw material for paper in India is almost without limit. The following collection from the India Museum, London, has been exhibited:—

## Fibres for Paper Manufacture.

- 3,158. Puya bark. *Bœhmeria puya*.  
 3,196a. Nilgiri nettle. *Urtica heterophylla*.  
*Guatteria longifolia*. Fibre.  
 3,198. *Grewia*. Fibre.  
*Morus indica*. Fibre.  
 3,202. *Guazuma tomentosa*. Fibre.  
*Bauhinia purpurea*. Fibre.  
 3,226. *Musa paradisaica*. Fibre and tow.  
 3,228. *Musa textilis*. Fibre and tow.  
 3,265. *Yucca gloriosa*. Fibre and tow.  
 3,142. *Agave americana*. Fibre and tow.  
*Broussonetia papyrifera*. Bark.  
 Bhassaba paper. Raw material.  
 3,287. Shaw-nee. Burmah.  
 3,285. Shaw-young. Burmah.  
 3,286. Shaw-laybway. Burmah.  
 Gyeegywoh-shaw. Burmah.  
 Red bast of Pegu.
- 3,233. *Pandanus odoratissimus*. Fibre.  
 Old gunny. Punjab.  
 3,158. *Bœhmeria puya*. Tow and half stuff.  
 3,157. *Bœhmeria nivea*. Rhea tow.  
 3,165. *Calotropis gigantea*. Mudar tow.  
 3,174. Red jute tow.  
 3,174. Red jute. Half stuff.  
 3,174. White jute. Half stuff.  
*Hibiscus* fibre. Half stuff.  
 3,196a. *Urtica heterophylla*. Tow.  
*Sterculia urens*. Half stuff.  
 3,184b. *Daphne cannabina*. Pulp.  
*Bœhmeria* sp. Half stuff.  
 3,179. *Crotolaria juncea*. Half stuff.  
 3,174. *Corchorus capsularis*. Half stuff.  
 3,204. *Hibiscus cannabinus*. Half stuff.  
 3,259. *Urena lobata*. Half stuff.  
 3,142. *Agave americana*. Half stuff.  
 3,146. *Ananassa sativa*. Half stuff.  
 3,226. *Musa paradisaica*. Half stuff.  
 Sanchi bark, for writing. 1st stage.  
 Sanchi bark, for writing. 2nd stage.  
 Sanchi bark, for writing. 3rd stage.  
 Sanchi bark, written upon.  
 Palm leaf, for writing.  
 Palm leaf, written upon.  
 Country reeds, for reed pens.

## B.—PAPERS, MILLBOARDS, &amp;c.

From India Museum, London.

- Paper of *Crotolaria juncea*. Unsized and sized.  
 Paper of *Agave americana*. Unsized and sized.  
 Paper of *Urena lobata*. Unsized and sized.  
 Paper of *Hibiscus cannabinus*. Unsized and sized.  
 Paper of *Corchorus olitorius*. Unsized and sized.  
 Paper of *Musa paradisiaca*. Unsized and sized.  
 Paper of *Agave americana*. Unsized and sized.  
 Paper of *Ananassa sativa*. Unsized and sized.  
 Paper of wild rhea. Unsized and sized.  
 Paper from leaves of *Pandanus odoratissimus*.  
 Paper from plantain fibre. Made at Meerut jail.  
 Paper from gunny bags. Made at Cuddapah jail.  
 Paper from gunny bags. 2nd quality. Madras.  
 Paper from refuse gunny. Madras.  
 Paper from old gunny bags and fishing nets.  
 Paper from old gunny bags. Chingleput Jail.  
 Paper from old records. Meerut jail.  
 Paper from bamboo. Nepal frontier.  
 Paper from bamboo. Pegu.  
 Paper (large sheet) from *Daphne cannabina*. Nepal.

\* Manufactured in Britain.

375. Paper used by the higher classes for letters of friendship. Lucknow.  
 374. Sprinkled paper used by the higher classes for letters of friendship. Lucknow.  
 349. Coloured paper for kites. Oude.  
 1,643. Strong packing paper, made from plantain fibre by steeping and rotting. Chingleput Jail.  
 1,643. Paper made from old jute ropes and string by the late C. V. Cunniah Chetty of Madras.  
 1,643. Paper made from plantain fibre cleaned by the paupers in the Monegar Choultry. Madras.  
 1,748. Gurchudni Malwi paper. Made at Indore.  
 1,745. Cheenee Malwi paper. Made at Indore.  
 1,750. Gold leaf sprinkled paper, for letter writing. Made at Indore.  
 1,751. Red sprinkled paper. Made at Indore.  
 1,749. Chini white paper. Indore.  
 1,747. White Gurchudni paper. Indore.  
 1,746. Mooraudshai paper. Indore.  
 1,643. Paper made from plantain fibre by paupers in the Monegar Choultry. Madras.  
 1,643. Paper made from fibre of *Corchorus capsularis* by paupers in the Monegar Choultry. Madras.

\* Prepared under the direction of Mr. Wyndham Portal, at the Haverstoke Mills.