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Preserving Books In Libraries 04 JUN 1985

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countries, specially in Bangla- effects of these factors can lar cupboards and filing cabinets covers and pages of books. Once desh must take special care to gely be eliminated through air protect loose papers and files such a book is detected it protect their materials from both conditioning. Libraries which from silver-fish. Spraying with should be separated from others the destructive forces of nature cannot afford airconditioning flit and D.D.T. powder in the Benzene should be applied on it. and the cruel teeth of time may control humidity either by library building will help check To get rid of these pasts con with a view to keeping them in installing de-humidification units the growth of pests in and stant vigilance is necessary. good physical ensuring their maximum longe using calcium chloride.

vity. preservation of library materials So care should be taken to called fumigation may be applihave mainly two aspects: (1) pro keep out dust. Regular cleaning ed to kill the insects. Funnighted materials.

tion of library materials.

re the library building should or masked. special under and other reading materials are ped with fire extinguishers stacked on one another they are meet an emergency. aired and sunned but never exble to use incandescent inside libraries so that these can be put off when not required. Moisture: It contains curbon dioxide derived from the air and materials from damp and pests.

sulphur acides from burning or air is injurious to due preserva tion and as such it should be removed. It can be done by pro situation may be tackled by lation of air. high and too low humidity as materials in good condition.

well as rapid fluctuations in tem Insects-may be prevented

Problems of proper care and directly affect library materials. ed by the fluids. 2) A measure away rats from the library and tective and preventive measures of the contents of the Library tion should be done either with with a view to reducing their is essential. It is desirable to formaldehyde or thymol If the decay and deterioration; and (2) clean with the help of a vacu- collection is badly infested by curative and preservative me um cleaner rather than by man insects advice from an expert thous to be adopted for repair nual dusting as there is a possi may be sought. of old, damaged and pest affec- bility of damaging the materials. The following are the main The librarians may tell the clea enemies of Library materials: The following conditions are ners exactly how dusting should cal country like ours. Similarly fitting doors and windows and avoid placement of wooden

be kept as cool as possible and To safeguard against the dan circumstances As an additional precaution der has proved to be useful in when the pages of the books every library should be equip-

posed directly to the sun. The damp, the foundation of library doors and windows of the building should be solid and and glues used in binding. They Library should be covered with well-laid; the floor level should generally enter libraries via either yellow or green curtains be above the surrounding ground or venetian blinds. It is desira- level. Proper storage conditions can fly. In addition to gnawing light greatly help in the preservation of materials. Racks should not be built in the wall as it will. become impossible to protect

Insects: Library materials are coalgas. Moist subject to attack by insects. And in most cases these are partly or totally destroyed by insects. The per ventilation and free circu- adapting following measures: 1) Regular inspection and clean Atmospheric condition: Too ing is necessary to keep the perature are inconvenient for keeping naphthaline balls or proper preservation. In high tem camphor cakes, or orrisroot or fond of paste (or glue and other or chiffon. The common metho perature materials may be crac raw lime cakes, cloves, black- things) applied in binding. They of repairing books is with past ked and in low temperature they pepper cinnamon, in equal pro- damage books by eating out par and paper; paste may be prep may be squeezed. Fluctuations three foot bays a one-pound ticularly the binding. in temperature cause decay and portions. If shelving consists of 6. Book worms: Book worms sary to add therein a small qua render paper brittle. It is there brick of naphthallene place in are of various kinds. They are tity of Neela Thotta.

Lin tropical and sub-tropical equitable i temperature. The Camphor balls in deak drawers. They make tunnels through the condition and or by home-made de-hum diffiers, around the stacks. Care should be taken at the time of spraying mice are also great enemies of Dust and dirt: Dust and dut that the materials are not stain books. Caustic soda may drive

1. Termites: Termites are of injurious to proper preserva- be done. Books and other read two kinds, (a) earth-dwelling ing materials should be taken termites and (b) wood-dwelling Light: Excess of light and heat out from the shelves at the time termites. Both the types can do is injurious to the contents of of cleaning. It is desirable that a serious damage to a library the library specially, in a stropt- libraries should possess tight in a single night. It is desirable injury is also caused by deffused if possible the entrance, door cupboards against walls as they daylight. As a protective measu should be completely shuttered have a habit of eating their way into the back of such cupboards Kerosene oil birch oil on leathe materials should be little ger of fire no combustible mate ther or rexine binding are good exposed to direct sunlight. Only rials should be used in libraries preventives. Use of D.D.T. pow-

driving out these pests library. 2. Cockroaches: The food To projet materials from cockroaches includes stick cloth or backram and other

drains and toilets. Male books, they emit a dark ink like liquid which defaces the pages of books. Borax may be safely used to keep them away

the library. 3. Silverfish: They are most active and may do considerable harm to a library. Use of copal varnish on the cover of books may give satisfactory result.

4. Firebrats: In appearance they are almost like silverfish. They are also harmful to materials although not as much silverfish.

I IBRARIANS and book lovers fore necessary to maintain an each alternate bay is sufficient, actually the larva of a beetle.

7. Rats and Mice: rats and where camphor is scattered.

8. Brown House Moths: They gnaw through both cloth and leather bindings but do touch the book bound, with Morocco, leather. Regular ches king of stacks and racks is nes necessary.

9. Mud Wasps: They make their nests at the rear edges of books as they stand on shelves corners of book cases e.c. Although they are not so harmful but their existence is not at all desirable in the library. The same

10. Mildew: It is generally for med on the leather binding of the books in damp. climates. Lubricating oils such as birch oil, castor oil vaseline etc. are very effective in the prevention of mildew.

The following preventive and curative measures may also be taken into consideration for a library. Phenyl or crude creosote diluted in kerosine oil can be sprinkled on the shelves; it must be ensured that the books are not stained by the fluids. Dry Neem and tobacco leaves can be placed in the folds of the book. Books may also be treated with insecticides. Spreat ding mixture of chopped tobac co and black pepper in equal proportion on book shelves is also effective.

In this connection also preven tion is better than remedy. Fre quent cleaning and proper inspection will help library mate rials to be kept in good physic cal condition.

Old and brittled papers car 5. Booklice: They are very be reinforced with tissue pape red with flour but it is nece