

SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Astronautica. — Le statounitese astronave Mariner II (inviata verso Venus in 1962) reportava un total de solmente duo collisiones con meteorites. Mariner IV (currentemente in via ad Marte) ha jam reportate 77 tal collisiones. Le instrumentos de Mariner IV es plus sensibile, sed il es etiam significative que le trajectorio de illo passa per le cingula de asteroides inter le orbitas de Marte e de Jupiter.

Astronautica. — Photographias lunar, reportate per un statounitese Ranger, ha essite usate como base de calculationes del fortia supportatori del superficie de ille corpore celeste. Il pare que le fortia in question es in le vicinitate de 10.000 kg per metro quadrato. Si isto es correcte, il seque que futur astronaves, in "atterrar se" al superficie lunar, non va immerger se e disparer in crateres de pulvere. (Le fortia de 10.000 kg per metro quadrato es approximativemente equal a 2.000 libras per pede quadrato.)

Construction Naval. — In le porto de New York, un nave de commercio transoceanic es sub construction in que omne le parietes exterior va esser de aluminium. Le nave va haber un longor de 75 m. Le aluminium in illo va pesar 600.000 libras. Illo va esser equipate a portar 40 cassas-camion. Le levitate del metallo de construction va augmentar le velocitate e etiam le stabilitate marin del nave.

Cosmologia. — Dr. B. J. Levin de Moscova — supponente que le composition del luna es simile a illo del meteorites cognoscite como chondrites — ha calculate que le temperatura al centro del luna es plus que 1000 C. Isto supportarea le notion que le luna es non ancora exempte de activitate vulcanic.

Ingenieria Automobilari. — Surprendentemente grande fortias es requirite pro revolver le helice del ventilator que preveni — in le majoritate del automobiles — le supercalefaction

Pro information in re Interlingua e su utilisation practic como etiam su bases theoretic, adressar se per favor a: Science Service, Division de Interlingua / 80 East Eleventh Street / New York, N.Y. 10003 / U.S.A.

del motor. Si un automobile viagia a alte velocitates, ille fortia pote amontar a 25 cavallos e plus. On experimenta a Detroit con ventilatores in que le laminas del helice es flexibile. Isto resulta in lor applanation progressive in correlation con le augmento del numero de lor revolutiones. Evidentemente, applanate laminas consume minus energia. Non minus evidentemente, illos perde in efficacia frigidante. Sed alte numeros de revolutiones del helice del ventilator es associate con alte velocitates del automobile, e quando le automobile viagia a alte velocitates, le frigidation que debe esser providite per le ventilator declina in tanto que illo es supplementate per le externe corrente de aere.

Medicina Folklorista. — Le planta "sperma petrose" (*Lithospermum ruderale*) es usate depost seculos como agente de contraception per indianas del tribo shoshon in Nevada. Dr. W. Breneman, endocrinologo al Universitate Indiana, ha trovate in experimentos con gallinas e muses que extractos del planta exerce de facto un potente influencia inhibitori super certe hormones que ha importante rolos in le processos physiologic associate con le ovulation.

Meteorologia. — Huracans affice le turbulencia marin usque a profundores de 150 m o plus. Post huracans, aquas es al superficie que ante illos esseva a profundores de usque a 90 m. Iste conclusiones es basate in observationes de huracan Hilda in le Golfo de Mexico in septembre e octobre 1964. Illos esseva reportate per Dr. D. F. Leipper del Universitate Texas al quaranta-sexte congresso annual del Union Geographic de America.

Morbos Veneree. — In Los Angeles, gonorrhoea cresce in frequentia depost 1960 in juveniles de 10 a 14 annos de etate. On crede que le mesme trend existe alterubi in le Statos Unite. Quanto al resto del mundo, le Organisation Mundial de Sanitate reporta un tendentia expanditori de gonorrhoea in 53 del 111 paises studiate. Le studio coperi le annos depost 1957. Le gruppos de etate principalmente afficite es illos ab 15 ad 24 annos. In Los Angeles, le problema de syphilis se aggrava in parallela con illo de gonorrhoea. In 1962, su accrescentia esseva particularmente marcate in le gruppo de etate ab 20 ad 24 annos. Etiam in isto, Los Angeles non differe ab le resto del mundo.

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Questions

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