

SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Astronomia. — Le phases del luna ha, de post ancian tempores, le reputation que illos pote causar phenomenos physic e psychic del plus diverse generes. In recente tempores, recercas statistic ha demonstrate le existentia de un correlation positive inter le phases del luna e le precipitation de pluvia in le terra. Un simile correlation existe, secundo recercas effectuate in Australia, inter le phases del luna e le periodicitate del precipitation de meteoros. On tenta explicar iste constataciones per postular que le luna modifica le curso del microcorpores celeste (que deveni, in le atmosphaera terrestre, meteoros o nucleos de condensation de vapores de aqua) secundo periodic variationes in su carga electric.

Chirurgia. — In operationes experimental in animales, Dr. J. Toma del Universitate California ha succedite a reimplaciar articulationes coxal per prostheses facite ex un parte del articulation genicular del subjecto mesme. Le parte del genu usate — technicamente cognoscite como le condylo lateral — non es indispensabile pro un normal functionamento locomotori (ben que su elimination causa un leve displaciamento introrse). Un del canes in que le operation esseva executate quatro annos retro es hodie le "can de familia" del familia Toma e vive un normal vita canin. Le operation ha grande possibilitates in le chirurgia human. Traditionalmente prostheses coxal es fabricate ex metallo, sed mesmo le idealmente appropriate metallo (que existe non ancora) non poterea devenir un parte integral del organismo como il es possibile pro prostheses de osso.

Dentisteria. — Un detaliat studio de novem annos de duration e executate per Dr. R. H. Yap del Universitate Oregon con le utilisation de raffinate methodos statistic (ben que a base de un population de solmente 37 pueros e pueras), ha revelate nulle correlation inter le incidentia de cavitates dental e le consumo de sucro.

Entomologia. — Circa 80 pro cento del creaturas conventionalmente includite in le regno animal es insectos. Inter le insectos, approximativemente un million differente species es distinguibile. Insectos ha existite in le terra de post circa 450 milliones annos. Isto rende los plus ancian per multo que le racia human e explica possibilemente lor "experte habilitate" in le lucta pro le superviventia. [Factos e cifras citate ab Dr. E. H. Smith del Station Geneva de Experimentation Agricultural del Stato New York.]

Geophysica. — Le these, primo formulate per scientistas russe, que le Antarctica non es un ver continente coerente sed plus tosto un gruppo de insulas connectite ad in un singule massa per le copertura de glacie polar es supportate per le constataciones de un recente expedition antarctic effectuate per un gruppo de australianos. Un sondage systematic del spissitate del copertura de glacie inter le base australian Wilkes e le base russe Vostok permette le conclusion que in ille area le fundo roccose es predominantemente o completamente infra le nivello del mar. Le expedition durava quatro menses. Le sondages esseva effectuate a intervallos de trenta millias.

Medicina General. — Le imbibition de limonada in grande quantitates — un litro o plus — pote causar un marcate deficientia de sucro sanguinee (i.e., hypoglycemia), e isto se manifesta occasionalmente, del parte del individuo, in un comportamento multo simile al comportamento de un subjecto intoxicate per alcohol. [Notate per Dr. J. Crampton de Seattle, Washington.]

Psychiatria. — Esseva constatate, in studios al Universitates Michigan a Ann Arbor e Johns Hopkins a Baltimore, que schizophrenia es frequentemente associate con anormalitates chromosomal, specificamente con anormalitates del chromosomas de sexo.

Recercas Atomic. — Le statounitese Departamento de Agricultura ha un methodo pro descontaminar lacte de strontium-90 e cesium-137 a un costo de minus que un cent per litro. Un anno retro le costo del processo esseva ancora prohibitori in tanto que illo haberea quasi duplate le costo de lacte al consumente. Le disponibilitate de un tal processo es importantissime viste que ex le total de strontium-90 transferite ab le atmosphaera ad in (ultimemente) le corpore human, plus que 80 pro cento es absorbite in le forma de lacte contaminate.

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