

SCIENTIA INTERNATIONAL

NOVAS DEL MENSE IN INTERLINGUA

Chirurgia Cerebral. — Le cerebros de simias rhesus esseva totalmente isolate ab lor corpores e mantenite vive durante 30 a 180 minutas per connecter los al circulation sanguinee de altere simias. Le stato vive del cerebros esseva demonstrate electroencephalographicamente. Iste attingimento, que es sin precedente, esseva ganiate per un gruppo de scientistas al Universitate Western Reserve.

Cryobiologia. — Experimentos conducite per Dr. J. A. Panuska al Universitate Georgetown in Washington ha revelate que rattos subjicite a hypothermia non perde lor capacitate de apprender. Le action que le rattos debeva apprender esseva deprimer un manico le qual serviva a activar un mecanismo de calefaction. Le normal temperatura corporee de rattos es inter 35 e 37 C. Un hypothermia de 1 C, resultante in un temperatura corporee de 34 C, exerce, paradoxemente (secundo le experimentos de Dr. Panuska), un plus forte effecto retardatori super le processos de apprension in le ratto que un hypothermia de 5 C, con un resultante temperatura de 30 C. Iste constataciones es potencialmente interessante pro prolongate cosmoviages futur de homines, proque on ha speculate que tal viages esseva plus facile a indurar si le processos biologic del viagiatores poteva esser relentate per subjicer le viagiatores a un stato hypothermic. Evidentemente, tal speculationes perderea omne lor interesse si on debeva acceptar un reducite "intelligentia" como effecto lateral del relentate metabolismo.

Geophysica. — Le marcate successo del grande Anno Geophysic (con su belle spirito de cooperation international del parte de homines de scientia in omne partes del mundo) ha directe- o indirectemente inspirate planos pro quatro o mesmo sex comparabile interpresas futur. Isto esseva revelate per Dr. J. Kaplan del Universitate California qui es le novemente eligite presidente del Union International de Geodesia e Geophysica. Le quatro projectos que es jam delineate satis nettamente a iste tempore es (1) annos international pro le studio del sol durante periodos de minime activitate (1964/65), (2) un studio international del mantello del terra (usque a un profundor de circa 700 kilometros), (3) un investigation global del magnetismo terrestre e extraterrestre, e (4) un decennio international de studios hydrologic. Dr. Kaplan se interessa etiam in le creation de committees pro le evaluation de datos ab observationes satellitic e pro le cultivation del geophysica in "paises sub disveloppamento".

Informationes. — Un technico-specialista in le recerca de information e communication in Boston ha calculate que le massa total del information thesaurisate in le bibliothecas del mundo cresce al ritmo de duo milliones bits per secunda. "Bit" es un termino international contrahite ex le anglese "binary digit" e significa "unitate binari de information", i.e., "le information representabile per le decision inter zero e un in le systema dual de notation numeric (in que le valor decimal 2 se nota como 10, 3 como 11, 4 como 100, etc.)".

Mortalitate de Scientistas. — Chimistas de 25 a 49 annos de etate monstra un mortalitate 47 pro cento plus alte que illo de biologos e physicistas in le mesme gruppo de etates. In comparison con le scientistas social, le chimistas ha un excesso de mortalitate de 76 pro cento. Secundo un reporto per Dr. S. Soloveichik del Universitate Yeshiva a New York, in tempores passate le statistica del longevitate de chimistas esseva ancora multo plus disfavorabile. Multe chimistas, on poterea dicer jocularmente, ha morite in consequentia de lor "curiositate olfactori".

Pharmacos Psychotherapeutic. — Secundo un editorial in le Jornal del Association American de Medicina (JAMA), pharmacos hallucinogenic — como per exemplo diethylamido de acido lysergic (que es popularmente cognoscite como LSD-25) — pote esser le causa de collapsos psychotic, durante que le effecto "liberatori" super le creativitate mental (que ha essite attribuite a tal pharmacos) debe esser regardate como non demonstrate. Le editorial deplora extense abusos del recentemente create pharmacos psychotherapeutic.

Statistica de Population. — Pro le humanitate total, le numero del nascentias es currentemente duple le numero del mortes. In 1962, le population mundial cresceva per 60 milliones capites (e buccas).

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Who was responsible for the first primate laboratory in the United States? p. 218.

SOCIOLOGY—How many years of education does the average rural Negro get? p. 214.

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