

# SCIENTIA INTERNATIONAL

## NOVAS DEL MENSE IN INTERLINGUA

► **Biologia Marin.**—Al laboratorios del Commission Piscatori a Newport in Oregon, on pote vider un vive crabba que es completamente disproviste de coloration. Iste raritate es caute mente observate pro determinar si su albinismo persiste post le proxime muta. Crabbas adulte del specie in question muta generalmente un vice per anno. Un sol previe occurrentia de albinismo in un crabba—e isto octo annos retro—ha essite notate al laboratorios piscatori de Newport.

► **Pedagogia.**—Le patentes del mense include un pro un puppa que pote esser calefacite electricamente. Le puera que joca con iste puppa pote mesurar su febre. On dice que isto es un excellente preparation pro infirmas futur. (Illas apprende plus tarde que febres in humanos non comencia e non cessa quando on presia un button.)

► **Musica.**—Ha essite inventate un organo electric que functiona como un harmonica buccal. Le sufflo establisse contactos electric, e istos resulta in le sonos desirate. On non considera como multo probable que iste typo de organo va reimplaciar le typo traditional.

► **Psychiatria.**—In le diagnose de schizophrenia, Dr. D. R. Gorham del Universitate Baylor in Texas ha utilisate con bon successo un test requirente le interpretation de proverbios corrente. Tal proverbios es generalmente abstractions, e schizophrenicos non es capace a comprender ullo que non es concrete. In un population hospitalari mixte, le test de Dr. Gorham recognosceva 80% del subjectos normal e 75% del schizophrenicos. Evidentemente, le test ha nulle fortia decisive, sed illo representa un benvenite adjuta diagnostic.

► **Dentisteria.**—Un decennio de recercas per Drs. H. T. Kelly e D. J. Goodfriend de Philadelphia ha resultate in le constatation que inter le individuos examinate 96% del suffritores de vertigine habeva un defectiva occlusion dental. Le duo doctores crede que imperfectiones del occlusion dental affice le organos de equilibrio in le aures.

► **Entomologia.**—Le supposition que muscas domestic non pote superviver plus que 48 horas sin aqua ha essite disprovate per Dr. B. Greenberg del Universitate Illinois. Ille trova que muscas pote mantener se super un dieta completamente sic durante circa dece dies.

► **Linguistica.**—In un discurso presentate al reunion annual del Association American de Linguas Moderne, Dr. Alexander Gode de Science Service urgeva le utilisation de interlingua como phase preparatori in le instruction del linguas moderne. Ille explicava que in le transition ab un lingua occidental al altere, le studente beneficia de interlingua como stabile "tertio de comparation."

► **Entomologia.**—Le volo de insectos pote attinger un velocitate maximal de circa 45 km per hora pro distantias extense e de 55 km per hora in non-continue "spurts." Iste datos esseva calculate (non mesurate) per Dr. B. Hocking del Universitate Alberta in Canada super le base de determinaciones del requirementos de energia in insectos in volo, de lor capacitate de transportar nectar (i.e. lor combustibile), e del efficacia de lor modo de propulsion.

► **Psychiatria.**—Multe formas de retardation mental, predice Dr. L. Pauling del Instituto Technologic de California, va esser recognoscite como pertinente al gruppo de morbos designabile como "morbos molecular." In tal morbos,

secundo le definition de Dr. Pauling, le structura de certe typos de molculas vital devia ab le norma in consequentia de un chimismo defective. In tanto que tal defectos reflecte le insufficientia o absentia del correspondentem enzymas, illos pote esser remediare per le implantation de substantias chimic—si tosto que le mechanismo in question es cognoscite e que le substantias in question pote esser synthetisate.

► **Physica Atomic.**—Le sexte isotopo producite naturalmente per radios cosmic esseva trovate per Dr. P. S. Goel del Instituto Tata a Bombay in specimens de pluvia colligite in terreno montaniose e sin possibilitate de infection industrial. Il se tracta de sulfure-35 que secundo Dr. Goel, resulta del bombardamento de argon per radios cosmic. Le cinque previe mente cognoscite isotopos de production extraterrestre es un de carbon, un de beryllium, un de hydrogeno, e duo de phosphoro.

► **Astronomia.**—Le firma Carl Zeiss de Jena in Germania annuncia le disponibilitate commercial de un plus parve e minus costose modello de su famose planetario. Le nove producto ha un domo de un diametro de inter 7 e 9 m. Su capacitate es 50 a 90 personas. Illo rende visibile circa 5000 stellas, omnes que es visibile in le natura al oculo inarmate. Su apparatus de projection consiste de 31 projectores individual disponite al superficie de un sphaera cave.

► **Physiologia.**—Aspectos psychosomatic del relation sexual es sub investigation in columbas per Dr. D. S. Lehrman del Universitate Rutgers. Su intention es demonstrar per exemplo que vider a transverso un vitro un masculo pote inducer un columba feminin a poner un ovo ben que il ha nulle possibilitate de contacto physic. In iste connexion un question de interesse special es si il ha un differentia inter le reaction de un columba virgine e le reaction de un columba con experientias sexual.

► **Inventiones.**—Dirk Van Douwe de Rotterdam in le Pais Basse ha obtenite in le nomine del firma hollandese, N.V. Maatschappij-Koffiepel-lerij, un patente statounitese pro le invention de un assortitor photo-electric de parve objectos, per exemplo granos de cafe, etc. Le aspecto inusual del invention es que illo classifica le objectos secundo lor color.

► **Physica Nuclear.**—Un cathedra professorial, portante le nomine del decedite physico Enrico Fermi, va esser establite al Instituto de Studios Nuclear que es associate con le Universitate Chicago. Le presidente del Laboratorios Telephonic Bell, Dr. M. J. Kelly, ha organisate un committee de varie autoritates qui va occupar se del collection del requirite medios financiari.

► **Bacteriologia.**—Al Universitate Columbia e al Jardin Botanic de New York, studios comparative de racias innocue de *Agrobacterium tumefaciens* e de racias capace a producer tumores in certe plantas ha resultate in le constatation que le virulentia in iste specie depende del presentia de acido disoxyribonucleic in le genes del bacterios individual. Le extraction de iste substantia ab un racia virulente rendeva lo innocue. Su addition a un racia innocue rendeva lo virulente. Recercas de iste genere contribue al disveloppamento de methodos pro modificar le character de bacterios per medios chimic.

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### GENERAL SCIENCE

## Reading Interlingua

► **YOU CAN READ** Interlingua if you had no more than one semester of high school French or Spanish or Latin and flunked it. You can read and understand a great deal of it even if you never had contact with any foreign language.

Send this page to an acquaintance abroad and tell him that he can get additional information about Interlingua from Alexander Gode, SCIENCE SERVICE's Interlingua Division, 80 E. 11th St., New York 3, N. Y.

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