

For example,

1310

A \$50,000 POLICY COSTS ONLY \$98 at age 30. Here's how:

\$50,000 20-Year Home Protection Policy

 Age at Issue
 25
 30
 35

 Annual Premium (Payable only 16 Years)
 \$134.00
 \$159.00
 \$206.50

 Cash Dividend End of First Year*
 55.50
 61.00
 70.50

 First Year Net Premium
 \$ 78.50
 \$ 98.00
 \$136.00

*These dividends are based upon the 1966 dividend scale and are, of course, not guaranteed.

This is a plan of level premium Term insurance which provides its largest amount of protection initially, reducing by schedule each year over a 20-year period to recognize decreasing insurance needs. There are several other insurance periods, and Home Protection policies are available at all ages under 56.

ARE YOU ELIGIBLE FOR TIAA? Yes, if you are employed by a college, university, private school, or other nonprofit educational or scientific institution that qualifies for TIAA eligibility.

Send the coupon for the new Life Insurance Guide and a personal illustration of TIAA policies for your age.

TEACHERS INSURANCE AND ANNUITY ASSOCIATION 730 Third Avenue, New York, N. Y. 10017	Q
Please send the new Life Insurance Guide and pers	onal illustrations.
Name	Your Date of Birth
Address	
Dependents' Ages	
Nonprofit Employer	

Miscellaneous Publications

American Museum of Natural History. Bulletin, vol. 130, pp. 1–362, "A classification of the bees of the Australian and South Pacific regions," Charles D. Michener (1965, \$10); vol. 131, pp. 1–114, "Termites (Isoptera) of Thailand," Muzaffer Ahmad (1965, \$2); vol. 131, pp. 115–210, "The Miacidae (Mammalia, Carnivora), pt. 1, The systematics of Ictidopappus and Protictis," Giles Ternan Mac Intyre (1966, \$5); vol. 131, pp. 211–338, "A revision of the neotropical genus Metamasius (Coleoptera, Curculionidae, Rhynchophorinae): Species groups I and II," Patricia Vaurie (1966, \$5). American Museum of Natural History, New York.

American Philosophical Society. Transactions, vol. 55, pt. 6, "The Pyramid of the Sun at Teotihuacán: 1959 investigations," René Millon, Bruce Drewitt, and James A. Bennyhoff (1965, 93 pp., \$3); vol. 56, pt. 1, "Plant colonization studies on black wastes from anthracite mining in Pennsylvania," J. R. Schramm (1966, 194 pp., \$6). American Philosophical Soc., Philadelphia, Pa.

Association of Pacific Coast Geographers, Yearbook. vol. 27. John F. Gaines, Ed. Oregon State Univ. Press, Corvallis, 1965. 110 pp., \$2.

British Museum (Natural History). Bulletin: Entomology, vol. 17, pp. 327-395, "Contributions towards a revision of Myrsidea Waterston. I. (Menoponidae: Mallophaga)," T. Clay (£1 10s.); vol. 17, pp. 397-428, "A revision of the British Aleyrodidae (Hemiptera: Homoptera)," L. A. Mound (14s.); Geology, vol. 11, pp. 255-280, "Tertiary red algae from Borneo," J. Harlan Johnson (£1 10s.); vol. 11, pp. 281-350, "British Wealden sharks," Colin Patterson (£2 2s.); vol. 11, pp. 351-432, "On certain Triassic and Liassic representatives of the family Pholidophoridae S. Str.," Orvar Nybelin (£3); vol. 11, pp. 433-487, "Some British Jurassic and Cretaceous ostracoda: 1, New genera of Purbeck and Wealden ostracoda; 2, Ostracods from the Portland beds of Dorset; 3, Ostracods from the Portland and Purbeck beds of the Aylesbury district," F. W. Anderson and D. Barker (£2 4s.); Zoology, vol. 14, pp. 1-14, "The Oedura tryoni complex: East Australian rock-dwelling geckos, (Reptilia: gekkonidae)," H. Robert Bustard (10s.); vol. 14, pp. 15-54, "The elopoid and clupeoid fishes in Richardson's 'Icthyology of the Seas of China and Japan' 1846," P. J. P. Whithead (£1 6s.). British Museum (Natural History), London, 1966.

California Academy of Sciences. Occasional Papers, No. 48, "Introduced mollusks of western North America," G. Dallas Hanna (1966, 108 pp.); No. 50, "A review of Kittonia, a genus of diatoms," A. L. Brigger and G. Dallas Hanna (1965, 10 pp.); Proceedings, vol. 30, No. 12, pp. 243–256, "New species of plants from Baja California, Mexico," Ira L. Wiggins (1965). California Academy of Sciences, San Francisco.

Chicago Natural History Museum. Fieldiana: Botany, vol. 31, pp. 147–221, "Preliminary studies in the palm genus Syagrus Mart. and its allies," by S. F. Glassman, "Tropical American plants, VII," by Louis O. Williams, and "Supplement to

orchids of Guatemala and British Honduras," by Donovan S. Correll (\$2.50); Geology, vol. 13, pp. 477-509, "Catalogue of type specimens in Chicago Natural History Museum: Porifera," Matthew H. Nitecki (\$1); vol. 15, pp. 99-170, "The mammalian genera, Arctoryctes and Cryptoryctes, from the Oligocene and Miocene of North America," Charles A. Reed and William D. Turnbull (\$3.50); vol. 15, pp. 175–319, "Catalog of the collection of meteorites in Chicago Natural History Museum," Henry Horback and Edward J. Olsen (\$3); Zoology, vol. 44, pp. 227-230, "A new species of mole (genus Talpa) from Kurdistan Province, Western Iran," Douglas M. Lay (25ϕ) ; vol. 49, pp. 1–304, "The systematics and evolution of the Oriental colubrid snakes of the genus Calamaria,' Robert F. Inger and Hymen Marx (\$10). Chicago Natural History Museum, Chicago, 1965.

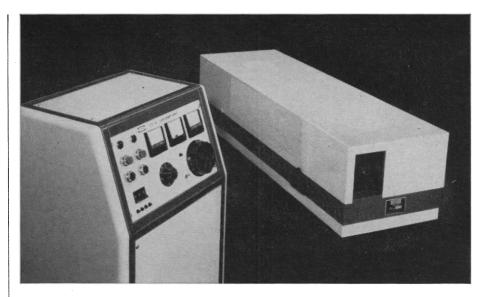
Colorado School of Mines. Professional Contributions, No. 1, pp. 1–152, "Fossil algae from Guatemala," J. Harlan Johnson and Harold V. Kaska (1965, \$4); Quarterly, vol. 61, No. 1, "A review of the Cambrian algae," J. Harlan Johnson. (162 pp., 1966, \$5). Colorado School of Mines, Golden.

Committee on the Undergraduate Program in Mathematics. A General Curriculum in Mathematics for Colleges. A report to the Mathematical Association of America. Committee on the Undergraduate Program in Mathematics, Berkeley, Calif., 1965. 76 pp.

Florida State Museum. Bulletin: Biological Sciences, vol. 10, pp. 1–42, "Variation in West Indian flickers (Aves, Colaptes)," Lester L. Short, Jr. (55¢); vol. 10, pp. 43–90, "Biology of the ringneck snake, Diadophis punctatus, in Florida," Charles W. Myers (70¢); vol. 10, pp. 91-126, "The streams of Florida," William M. Beck, Jr. (50¢); vol. 10, pp. 127–158, "A Pleistocene avifauna from Haile, Florida," J. David Ligon (50¢). Florida State Museum, Gainesville, 1965.

France, Bureau de Recherches Géologiques et Minières. Mémoires, No. 31, "Les minéralisations pneumatolytiques du Massif armoricain," Louis Chauris (218 pp., F.80); No. 35, "Étude géologique du Niari oriental (République du Congo-Brazzaville) et de ses Minéralisations Cu-Pb-Zn," Georges Scolari (219 pp., F.120); No. 37, "La série basique de la Rianila, le complexe gabbro-syénitique de l'Iharandahy et leur cadre géologique, sur la cote orientale de Madagascar," Robert Giraudon (219 pp., F.66). Bureau de Recherches Géologiques et Minières, Paris, 1965.

Great Britain, Zoological Society of London. Zoological Record, vol. 100, section 2, "Protozoa," R. A. Neal, Pauline Curds, and Sarah E. Bunney (1963, 156 pp., \$4.23); section 6, "Vermes," Stephen Prudhoe, Joy M. Harlock, R. W. Sims, and J. O. Malcolm (1963, 134 pp., \$4.23); section 11, "Trilobita," J. T. Temple (1963, 26 pp. \$1.80); section 14, "Protochordata together with Pogonophora, Enteropneusta, Graptolithina, Pterobranchia and Phoronidea," D. B. Carlisle (1963, 50 pp., \$1.80); section 16, "Amphibia," Pauline Curds, Sarah E. Bunney, and Olga M. Arnold (1963, 108 pp., \$2.82); section 17, "Reptilia," Pauline Curds and Mary Knott (1963, 107



Holography, Raman spectroscopy, interferometry, light scattering: some current uses of Raytheon's Argon Ion Laser

These are just a few of the current applications of Raytheon's LG12 1-Watt CW Argon Ion Laser, which produces a minimum of six lines in the blue-green spectrum.

Among others: as a light source for the measurement of turbulence effects, and in the development of photo exposing processes. Additional applications—such as optical data processing—are being investigated.

Total output of the LG12 Laser is one watt CW in a diffraction-limited uniphase coherent spheri-

cal wavefront in the TEM₀₀ mode. The LG12 is available for delivery in just 60 days.

Raytheon's Laser Advanced Development Center offers a wide variety of gas and solid state lasers—in standard and special models—and components.

For complete information on Raytheon lasers, please write or call Raytheon Company, Special Microwave Devices Operation, Laser Advanced Development Center, 130 Second Ave., Waltham, Mass. 02154, Tel. (617) 899-8080.



will the scientists who use asca



move to this side of the room ...



will the scientists who do not use asca move to this side of the room...

now...will all of the scientists on this side





tell all of the scientists on this side... the important benefits of using asca the individualized

alerting service

and...will all of the scientists who don't know about asca write for complete details



send details on asca the automatic subject citation alert.

name	:	
title		
organization		
address		
city		
state	zip	29-9

INSTITUTE FOR SCIENTIFIC INFORMATION

pp., \$2.82); vol. 101, section 1, "Comprehensive zoology," S. Markowski (1964, 26 pp., \$1.80). Zoological Society of London, London, 1965.

Michigan State University Museum. Publications: Biological Series, vol. 2, pp. 429-528, "A systematic study of the genus Astranthium (Composite, Astereae)," D. C. D. DeJong; vol. 3, pp. 1-47, "Studies on neotropical thrushes in Colombia," George J. Wallace; vol. 3, pp. 48-151, "Mammals of Malleco Province, Chile," John Keever Greer. Michigan State University Museum, East Lansing, 1965.

National Academy of Sciences-National Research Council. Nuclear Science Series, NAS-NS-3002 (Rev.), "Radio-chemistry of arsenic," Harold C. Beard, revised by J. G. Cuninghame (1965, 39 pp., \$1); NAS-NS-3057, "The radiochemistry of radium," H. W. Kirby and Murrell L. Salutsky (1964, 205 pp., \$2.25). Natl. Acad. of Sciences-Natl. Res. Council, Washington, D.C. (available from Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.).

National Academy of Sciences-National Research Council. Scientific Manpower Report, No. 6, "High school ability patterns: A backward look from the doctorate," Lindsey R. Harmon (1965, 80 pp.); Technical Report, No. 24, "Some characteristics of first-year and intermediate fellowship applicants eight to ten years later," John A Creager (1965, 62 pp.). Atmospheric Ozone Studies: An Outline for an International Observation Program. A report by the Panel on Ozone (1966, 21 pp.). Natl. Acad. of Science-Natl. Research Council, Washington, D.C.

New York Academy of Sciences. Annals, vol. 105, art. 18, pp. 983-1004, "In vivo and in vitro behavior of clotting factors in blood and tissues," F. Nour-Eldin (1964, \$2); vol. 118, art. 13, pp. 575-584, "Further approximations to the Blasius function," Ernest D. Kennedy (1965, \$1.50); vol. 118, art. 14, pp. 585-602, "Application of electrokinetic phenomena in civil engineering and petroleum engineering," S. A. Anbah, C. M. Beeson, and G. V. Chilingar (1965, \$1.50); vol. 118, art. 15, pp. 603-610, "Mercenene: in vivo effects of mollusk extracts on the Sarcoma 180," M. Rosarii Schmeer and Cecilia V. Huala (1965, \$1.50); vol. 118, art. 23, pp. 883–898, "The formation of noble gas compounds," Leland C. Allen (1965, \$1.50). New York Academy of Sciences, New York.

New York State Museum. Bulletin, No. 397, "Pollen studies in the Crusoe Lake area of prehistoric Indian occupation, Donald D. Cox and Donald M. Lewis (29 pp., 50¢); No. 402, "The interrelationships of three gall makers and their natural enemies, on hackberry (Celtis occidentalis L.)," John Conrad Moser (95 pp., \$1); No. 404, "Stratigraphy of the Lockport formation (Middle Silurian) in New York State," Donald H. Zenger (210 pp. chart. \$1.). New York State Museum. (Albany, 1965).

Smithsonian Institution. Contributions from the United States National Herbarium, vol. 32, pp. 279-384, "The American species of Ormosia (Leguminosae), Velva E. Rudd; vol. 37, pp. 43-67, "Mosses of the Eastern Highlands, New Guinea, from the 6th Archbold Expedition, 1959,"

Edwin B. Bartram; Proceedings of the United States Museum, vol. 117, pp. 459-551, "Marine Amphipoda of atolls in Micronesia," J. Laurens Barnard; vol. 117, pp. 615-628, "Land snails of the genus Amphidromus from Thailand (Mollusca: Pulmonata: Camaenidae)," Alan Solem; vol. 118, pp. 1-46, "Marine amphipoda of the family Amphithoidae from southern California," J. Laurens Barnard. Smithsonian Museum, Washington, D.C., 1965.

University of California. Anthropological Records, vol. 24, "A factor theory for Arunta kinship terminology," (19 pp., \$1.25); Eugene A. Hammel Publications in Zoology, vol. 77, "Adaptations and speciation in harvest mice of the marshes of San Francisco Bay, George F. Fisler (108 pp., \$2.50) Univ. of California Press, Berkeley, 1965.

U.S. Geological Survey. Bulletin No. 1194-I, "Mesozoic (?) rocks in the Baboquivari Mountains, Papago Indian Reservation, Arizona," L. A. Heindl and C. L. Fair (12 pp., 10ϕ); No. 1199-H, "Bauxite in areas adjacent to and between the Springvale and Andersonville districts, Georgia, Alfred D. Zapp and Lorin D. Clark (10 pp., map); No. 1202-A, "Geology of the Kayenta and Chilchinbito quadrangles, Navajo County, Arizona," E. C. Beaumont and G. H. Dixon (28 pp., map); No. 1221-A, "Rockfalls and avalanches from Little Tahoma Peak on Mount Rainier, Washington," Dwight R. Crandell and Robert K. Fahnestock (30 pp.); Professional Paper No. 478, "Geology of the Coeur d'Alene District, Shoshone County, Idaho," S. Warren Hobbs, Allan B. Griggs, Robert E. Wallace, and Arthur B. Campbell (139 pp., maps); No. 524-A, "Pancho Rico Formation, Salinas Valley, California," David L. Durham and Warren O. Addicott (33 pp., 40¢); No. 525-D, "Geological Survey Research, 1965, Chap. D," Robert Zartman, George Snyder, T. W. Stern, R. F. Marvin, and R. C. Bucknam and others (230 pp., \$2); No. 542-B, "Effects of the earthquake of March 27, 1964 at Whittier, Alaska," Reuben Kachadoorian (21 pp.). Superintendent of Documents, Washington, D.C., 1965.

U.S. Public Health Service. Publication No. 1000, No. 3, "Changes in mortality trends; England and Wales, 1931-1961' (49 pp., 40¢). Office of Health Statistics Analysis. Superintendent of Documents, Washington, D.C., 1965.

World Health Organization. Technical Report No. 317, "Chemotherapy of Bilharziasis" (71 pp., \$1.25); No. 323, "Requirements for biological substance" (71 pp., rev. ed. \$1.25). WHO, Geneva, Switzerland, 1966 (order from Columbia University Press, New York).

World Meteorological Organization. Technical Note No. 58, "Tidal phenomena in the upper atmosphere," B. Haurwitz (1964, 27 pp., F.3); No. 63, "Sites for wind-power installations," B. Davidson, N. Gerbier, S. D. Papagianakis, and P. J. Rijkoort (1964, 38 pp., F.5); No. 68, "Meteorological aspects of atmospheric radioactivity," W. Bleeker, Ed. (1965, 194 pp., F.18); No. 69, "Meteorology and the desert locust: Proceedings of a seminar' (Tehran, Iran) (1965, 310 pp., F.30). WMO, Geneva, Switzerland.