Powerful Virus Smallest of All Living Things

By ROY O. GILBERT, M. D.
County Health Officer

Virus disorders seem to be very much in evidence these days, for illnesses are so frequently said to be "a virus infection of some kind." Such offhand remarks may not be far wrong. The different groups of viruses account for the majority of current infectious illnesses that range in nature from the commonplace and mild to those that are comparatively rare and extremly serious.

Although the existence of viruses was not discovered until 1892, diseases caused by viruses have been recognized for centuries. Smallpox, mumps and rabies, for example, were known and described some 2000 years ago.

* * *

VIRUSES ARE thought to be the smallest of all living things, so small that they cannot be seen under an ordinary microscope. It was not until the invention of the electron microscope in the early 1930s that it was possible to study and isolate the different strains of these disease-producing agents.

Viruses are capable of producing disease in just about every living thing including man, birds, animals, fish, insects, plants, and bacteria. Not all of them produce illness in man. Among the virus diseases of animals and birds for instance, relatively few, including psittacosis, rabies and equine encephalitis, are transmissible to people.

* * *

IN THE LAST three decades, a great many different viruses have been discovered and new ones keep turning up with a bewildering regularity. There were only about 70 known viruses some 15 years ago, but more than 150 have now been discovered and the end is not yet in sight. Unlike bacteria, which can be grown in gelatin or blood, viruses require living tissue in order to grow and multiply.

Broadly speaking, viruses that cause disease in human beings can be divided into four groups, namely: those viruses which affect the skin and which cause a systemic illness usually accompanied by a rash —measles and chickenpox are perhaps the most frequent in occurrence of these diseases; then, there are those virus groups that attack the central nervous system and cause such disorders as poliomyelitis, rabies and viral encephalitis; other strains which attack the internal organs giving rise to such disorders as mumps and viral hepatitis; and, lastly, the respiratory-system viruses such as those that cause the common cold, influenza and viral pneumonia.

SOME VIRUSES are capable of causing more than one disease and some diseases, it seems, can be caused by more than one kind of virus. To complicate things still more, several groups of viruses were isolated before corresponding diseases could be found. In other words, there are now more known viruses than are diseases to match up with them.

Those viruses in search of a disease, so to speak, include the ECHO viruses, the letters of which stand for enteric (intestinal), cytopathogenic (producing cell damage), human (affecting man) and orphan (not associated with any disorder). At least 3 of the 20 or more known ECHO viruses, however, have now been identified with diseases and are known to cause aseptic meningitis and also certain diarrheal diseases in infants and children. This virus group may also cause illnesses which have hitherto been diagnosed as nonparalytic polio but which were really ECHO virus infections of a less serious nature.

ANOTHER group of viruses, which can cause asepic meningitis and polio-like illness, are the Coxsackie viruses which were named for the New York town in which they were first discovered.

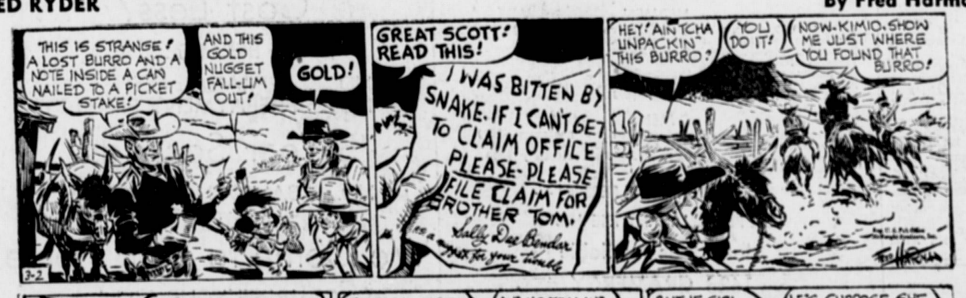
At the present time there is no specific treatment for virus infections. Antibiotics are effective only in dealing with the bacterial complications that may result from lowered resistance due to the virus-caused illness.

Prevention of virus infections through immunizations and good personal and public hygiene are the only ways of dealing with viruses at the present time. Owing to vaccination programs carried on by private physicians, health officials and veterinarians, many virus diseases such as smallpox and human rabies are now comparatively rare in this country, while others, such as polio, are being brought under control one by one.

VIRGIL — By Lew Kleis

RIVETS — By George Sixta

RED RYDER — By Fred Harman



SUPERMAN

Public Notice

TH 109
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that a Public Hearing will be held before the Planning Commission at 7:00 P.M. March 15, 1961 in the Council Chambers, City Hall, Torrance, on the following matters:

CASE NO. 698: Boris Woolley, et al — 2271 Torrance Blvd., Petition for Variance and Conditional Permit to construct eighty units of two-story "Own-Your-Own" apartments on the property described as Lot 1, Tract 19777, comprising three acres bounded by Carson, Maple and Monterey Streets in Land Use Zone R-2.

CASE NO. 700: Thomas K. Fitzpatrick, 3321 Danaha Street, Petition for Variance and Conditional Permit to construct a one-story office building (professional type) and to construct an additional store building adjoining petitioner's present building at 3671-73 Newton Street, on the property described as Lots 9, 10, 11 and 12, Tract 7955 situated at 3651 Newton Street — 24467-71 Ward Street, Land Use Zones R-1 and C-2.

CASE NO. 701: Lessin & Foley, 1423½ Marcelina, Petition for Variance and Conditional Permit of the off-street parking Ordinance for a law office, exclusively for their own use, on the property described as Lot 3, Block 16, Torrance Tract situated at 1609 Cravens Avenue.

All persons interested in the above matters are requested to be present at the Hearing or to submit their written approval or disapproval to the Planning Division, City Hall, Torrance.

TORRANCE PLANNING COMMISSION
George C. Powell—Director

S—March 5, 1961.

TH 106
43133
NOTICE OF INTENDED SALE

NOTICE IS HEREBY GIVEN:

That Brice E. Geisert, Vendor, whose address is 14615 So. Denker, in the City of Gardena, County of Los Angeles, State of California, intends to sell to Walter Minton, Vendee, whose address is 727 So. Mariposa, in the City of Los Angeles, County of Los Angeles, State of California, the following described personal property, to-wit:

All stock in trade, fixtures, equipment and good will of a certain restaurant business, known as Meat N' Place, and located at 1340 El Prado, in the City of Torrance, County of Los Angeles, State of California, and that a sale, transfer and assignment of the same will be made at 10:00 o'clock A.M., on the 15th day of March, 1961, at the escrow department of Gramercy Escrow Co., at 3959 Wilshire Blvd., in the City of Los Angeles, County of Los Angeles, State of California. The consideration therefor will be paid as follows: Approximately 35% Cash, and balance on contract.

DATED Febr. 25th, 1961.

WALTER MINTON
Vendee

Gramercy Escrow Co.,
3959 Wilshire Blvd.,
Los Angeles 5, Calif.
Escrow No. 4172

S—Mar. 5, 1961.

(Public Notice)

TH 95
42537
NOTICE OF HEARING OF PETITION FOR PROBATE OF WILL
No. 439513

In the Superior Court of the State of California, in and for the County of Los Angeles.

In the Matter of the Estate of URTIS GARAGHTY, aka Ernest Garaghty Deceased.

Notice is hereby given that the petition of James Irving Garaghty for the Probate of the Will of the above-named deceased and for the issuance of Letters Testamentary thereon to the petitioner, to which reference is hereby made for further particulars, will be heard at 9:15 o'clock A.M., on Mar 17, 1961, at the court room of Department 9, of the superior Court of the State of California, in and for the County of Los Angeles, City of Los Angeles.

Dated Feb. 20, 1961.

HAROLD J. OSTLY,
County Clerk and Clerk of the Superior Court of the State of California, in and for the County of Los Angeles.
By A. L. GRAHAM
Deputy

Albert Isen
2271 Torrance Blvd.,
Torrance, Calif.
Attorney for Petitioner

S-T—Feb. 26; Mar. 2, 5, 1961.

TH 97
42279
NOTICE OF TRUSTEE'S SALE
No. 222-F

On Tuesday, March 21, 1961, at 11 o'clock A.M. at the northerly entrance of 3938 Wilshire Boulevard, City of Los Angeles, California, MAYFLOWER INVESTMENT CO., a California Corporation, as Trustee under the deed of trust made by JACK D. WHEELER, and JANICE R. WHEELER, husband and wife as joint tenants, and recorded June 6, 1960, in Book T1311, Page 584, of Official Records of Los Angeles County, California, given to secure an indebtedness in favor of PERCY S. SYKES now owned and held by PERCY S. SYKES by reason of the breach of certain obligations secured thereby, notice of which was recorded November 16, 1960, in Book M649, Page 111, of said Official Records, will sell at public auction to the highest bidder for cash, payable in lawful money of the United States at the time of sale, without warranty as to title, possession or encumbrances, the interest conveyed to and now held by said Trustee under said Deed of Trust, in and to the following described property, to-wit:

Lot 60 of Tract 20473 in Book 570, Pages 20 to 30 of Maps, in the office of the County Recorder of said county, for the purpose of paying obligations secured by said Deed including fees, charges and expenses of the Trustee, advances, if any, under the terms of said Deed, interest thereon and $2,198.79 in unpaid principal of the note secured by said Deed, with interest thereon from September 6, 1960, as in said note and by law provided.

Dated: February 16, 1961.

MAYFLOWER INVESTMENT CO. Trustee
3938 Wilshire Boulevard
Los Angeles 5, California
By: Beverly J. Schwab,
Secretary

S—Feb. 26; Mar. 5, 12, 1961.

TH 111
43296
NOTICE OF INTENDED SALE

NOTICE IS HEREBY GIVEN:

That KAPLAN AND BRAUN, A PARTNERSHIP, Vendors, whose address is 3854 Sepulveda Boulevard, in the City of Torrance County of Los Angeles, State of California, intends to sell to JULES LIQUORS, INC., Vendee, whose address is 22311 Ocean Avenue, in the City of Torrance, County of Los Angeles, State of California, the following described personal property, to-wit:

All stock in trade, fixtures, equipment and good will of a certain retail liquor store business, known as JULES LIQUORS, and located at 3854 Sepulveda Boulevard, in the City of Torrance, County of Los Angeles, State of California, and that a sale, transfer and assignment of the same will be made, and the consideration therefor will be paid at 10:00 o'clock A.M., on the 16th day of March, 1961, at the escrow department of BANK OF AMERICA NT&SA, Sepulveda-Hawthorne Branch, at 3804 Sepulveda Blvd., in the City of Torrance, County of Los Angeles, State of California.

DATED February 23, 1961.

GRANUM KAPLAN
Kaplan and Braun, a partnership by Granum Kaplan, partner
Vendor
ROBERT BRAUN
Partner Vendor
JULIUS BRAUN
Jules Liquors, Inc. by Julius Braun, Pres.
Vendee

Bank of America NT&SA
3804 Sepulveda Boulevard
Torrance, California
Escrow No. 637-121

S—Mar. 5, 1961.

Public Notice

TH 88
CERTIFICATE OF BUSINESS
Fictitious Firm Name

THE UNDERSIGNED do hereby certify that they are conducting a pet and supply business at 1917 W. Carson St. City of Torrance, County of Los Angeles, State of California, under the fictitious firm name of O. K. PET STORE and that said firm is composed of the following persons, whose names and addresses are as follows, to-wit:

Samuel L. Smith, 2822 Alberta St. Torrance Calif. Claudette Smith, 2822 Alberta St. Torrance, Calif. WITNESS my hand this 16th day of February, 1961.

SAMUEL L. SMITH
CLAUDETTE SMITH

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss

ON THIS 16th day of February A.D., 1961, before me Marialice B. Kibbe a Notary Public in and for said County and State, residing therein duly commissioned and sworn, personally appeared Samuel L. Smith and Claudette Smith known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

MARIALICE B. KIBBE
Notary Public in and for
Said County and State
My Commission Expires
Aug. 23, 1964

S-Feb. 19, 26, Mar. 5, 12, 1961

TH 113
NOTICE OF DISSOLUTION OF PARTNERSHIP

Public notice is hereby given that Charles E. Beck and Lynwood J. Koford, heretofore doing business under the fictitious firm name and style of Del Amo Quality Cleaners, at 4112 Sepulveda, City of Torrance, County of Los Angeles, State of California, did on the 1st day of January, 1961, by mutual consent, dissolve said partnership and terminate their relations as partners therein.

Said business in the future will be conducted by Charles E. Beck, who will pay and discharge all liabilities and debts of the firm and receive all monies payable to the firm.

Further notice is hereby given that the undersigned will not be responsible, from this day on, for any obligations incurred by Charles E. Beck in his own name or in the name of the firm.

DATED AT Torrance, California, this 2nd day of March, 1961.

LYNWOOD J. ROFORD
CHARLES E. BECK

S-Mar. 5, 1961.

Public Notice

TH 104
NOTICE TO DEPOSITORS
February 27, 1961

Please be advised that the portion of the deposit liabilities of First Western Bank and Trust Company, San Francisco, California, represented by deposits in the

HAWTHORNE-COAST HIGHWAY OFFICE

of that bank as of the close of business on February 24, 1961, has been assumed by First Western Bank and Trust Company, Los Angeles, California, a newly organized bank, and that the status of First Western Bank and Trust Company, San Francisco, California, as an insured bank with respect to these deposits will therefore terminate as provided in Section 8(d) of the Federal Deposit Insurance Act.

You are further advised that First Western Bank and Trust Company, Los Angeles, California, the newly organized bank, is an insured bank and that your deposits will continue to be insured by the Federal Deposit Insurance Corporation in the manner and to the extent provided in said Act.

FIRST WESTERN BANK AND TRUST COMPANY
San Francisco, California
FIRST WESTERN BANK AND TRUST COMPANY
Los Angeles, California
(Assuming Bank)

T-S—Mar. 2, 5, 1961.

TH 108
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that a Public Hearing will be held before the Torrance Planning Commission at 7:00 P.M. March 15 and April 5 1961, in the Council Chambers, City Hall, Torrance on the following matter:

CASE NO. 699: Ray A. Myers, President — Myers Bros-Smith, Inc., 3407 San Fernando Road, L. A. 65, for a Change of Zone from M-1 to R-3 on a portion of Lot 20, Tract 3218, situated at the Southeast corner of Anza Avenue and Emerald Street, comprising approximately four acres, Victor Tract.

All persons interested in the above matter are requested to be present at the Hearings or to submit their written approval or disapproval to the Planning Division, City Hall, Torrance.

TORRANCE PLANNING COMMISSION
George C. Powell—Director

S—March 5, 1961.

Herald Classified Ad
CALL FA. 8-4000

REVIVAL
FIRST PENTECOSTAL CHURCH
EVANGELIST ODELL CAGLE
7:30 Nightly — March 5-19
2147 W. 237th ST., TORRANCE

Torrance Church Calendar

SOUTH BAY BAPTIST CHURCH
4565 Sharynne Lane
Seaside Ranchos, Torrance
Pastor, Dr. J. C. Brumfield
FRontier 5-3433
Sunday School .....9:30 A.M.
Morning Worship.....10:45 A.M.
—Junior Church
Baptist Training Fellowship .....6:00 P.M.
Evening Worship.....7:00 P.M.
WEDNESDAY
Bible study and prayer 7:30 P.M.
THURSDAY
Choir Rehearsal.....7:30 P.M.
Modern Crib nursery and toddler care provided all stated church services.
Sunday School Bus transportation schedule FRontier 5-3433.

FOURSQUARE GOSPEL CHURCH
Corner Arlington and Sepulveda
Tel. DA 6-2072
Rev. and Mrs. Jas P. Lowen.
SUNDAY: Sunday school 9:30 a.m., Morning Worship 10:45 a.m.
Group Services 6:30 p.m. (Y.P., Cadets, Defenders)
Evangelistic 7:30 p.m.
MIDWEEK Wednesday — Bible Study at 7:30 p.m.
PUBLIC INVITED

HOPE CHURCH EVANGELICAL UNITED BRETHREN
8347 W. 174th St.
Rev. Monrad Bergesen
PH. DA 9-3277—Res. DA 9-3542
9:30 a.m.—Sunday School
11:00 a.m.—Morning Worship
6:30 p.m.—Youth Fellowship
7:30 p.m.—Evening Worship
Bible Study and Prayer Meeting Wednesday, 7:30
Nursery care provided for the morning services
DA 3-1012

FIRST BAPTIST CHURCH
at Carson & Manuel St.
Torrance, Calif.
Phone FA 8-5030
Robert Dehn, Asst. Pastor
SUNDAY—3 Morning Services
9:15 A.M.—10:45 A.M.
Sunday School 9:15 for Nursery thru Juniors, College and Adults
10:45—Jr. High and High School
Fellowship Training—6:15 P.M.
Evangelistic Message—7:30 P.M.
WEDNESDAY—Bible Study 7:30 P.M.
Communion Service and Prayer
Nursery provided for all services, also sound proof mothers' room.
ALL WELCOME

CALVARY COMMUNITY CHURCH OF TORRANCE
1117 Milton St., at Raymond Ave.
Torrance
Donald E. Fientge, Pastor
Ph. DA 4-5271
Sunday School—9:30 a.m.
Bible classes for all ages
Morning Service—11 a.m.
(Nursery service provided)
Youth Program—5 and 6 p.m.
Evening Service—7:30 p.m.
Wednesday Night Bible Study and Prayer—7:30 p.m.
Women's Missionary Society every 2nd and 4th Thursday of month

GREYFRIARS MEMORIAL PRESBYTERIAN (Orthodox)
22511 South Figueroa, Torrance
Worship hours 11 a.m. and 7 p.m. Every Sunday
Sunday School at 9:45
Young People's Fellowship 6:15
Prayer Meeting every Wednesday Evening at 7 o'clock
Dr. David Calderwood—Pastor
Mr. Richard Gorom
Supt. of Sunday School
Mr. Will Power
Director of Choir

ST. ANDREW'S EPISCOPAL CHURCH
1432 Engracia, FA 8-3781
Rev. Hugh R. Percy, B.A., B.D., Rector
7:30 a.m. Holy Communion
9:15 a.m. Family Worship Service followed by Church School and Coffee Hour
11:00 a.m. Morning Worship (Choral Eucharist on 1st and 3rd Sundays)
(Child care and Nursery provided at 9:15 and 11 a.m. services)
Weekdays: Holy Communion at 11 a.m. Thursdays and 6:30 a.m. on All Saint's Days

CHRIST THE KING LUTHERAN CHURCH
2706 W. 182nd St., Torrance
Maynard V. Midthun, Pastor.
Phone DAvis 3-6821;
Res. DAvis 9-3455
Divine Worship, 8:30 A.M.
Sunday School, 9:45 A.M.
Divine Worship, 11:00 A.M.
Nursery care provided at both services.

ASSEMBLY OF GOD CHURCH
24404 Hawthorne Blvd.
Walteria
Rev. O. W. Fish, Pastor
FRontier 5-7788
Sunday School—9:45 a.m.
Morning Worship—11:00 a.m.
Children's Church—11:00 a.m.
Evangelistic Service—7:30 p.m.
Tues. Prayer Meeting—7:30 p.m.
Thurs. Young Peoples—7:30 p.m.

SEVENTH-DAY ADVENTIST
Corner of Acacia and Sonoma
Elder Glen L. Goffar, Pastor
Residence — FR 5-8731
Church Office — FA 8-1540
Saturday—
Sabbath School—9:30 A.M.
Church Service—11 A.M.
Wednesday—
Prayer Meting—7:30 P.M.
Friday—
Youth Meeting—7:30 P.M.

ROLLING HILLS COVENANT CHURCH
2221 Palos Verdes Dr. No.
Allen W. Wickman, Pastor
Sunday School 9:45 a.m. Classes for all ages and interest groups.
Morning Worship 11:00 a.m.
Evening Service at 7:00 p.m.
Youth groups for Junior and Senior High School Youth at 6:00 p.m, Nursery and Children's church services each Sunday.

LUTHERAN CHURCH OF THE GOOD SHEPHERD
21100 Victor St. Torrance
Gerald W. Garlid, Pastor
Phones: FR 3-1144 or FR 5-0931
SUNDAY
9:30 a.m.—Sunday School.
10:45 a.m.—Morning Worship.
Child care during the service
THURSDAY
8:00 p.m.—Midweek Bible Study

SOUTH BAY CHURCH OF GOD
17661 Yukon, Torrance
Phones DA 9-9411 or FA 1-2674
Pastor: Rev. Clifford L. Tierney
Associate Pastor: Rev. Clifford L. Hitchcock
9:30 a.m.—Sunday School.
11:00 a.m.—Church.
7:30 p.m.—Evening services.
Nursery Care Provided

JEHOVAH'S WITNESSES
Torrance Congregation
2303 Arlington Ave., Torrance
PUBLIC LECTURE 3 P.M.
Sunday Watchtower Study 4:15 P.M. Sunday
BIBLE STUDY 8 P.M. Tuesday
Theocratic Ministry School 7:30 P.M. Thursday
SERVICE MEETING 8:30 P.M. Thursday
Goodwill persons invited . . .
Free. No Collections.
Congregation Servant
LEONARD E. OLLIFF
Telephone TErminal 5-9624

PENTECOSTAL LIGHTHOUSE
(Assembly of God)
1741 BORDER AVENUE
Sunday School—10:00 A.M.
Morning Worship—11:00 A.M.
Night Service—7:45 P.M.
Also Tuesday and Thursday at 7:45 P.M.
(Come As You Are)
PASTOR LEONA BASHORE
FA 8-9410 — TE 5-4069

ST. JAMES CATHOLIC CHURCH
417 Vincent St., Redondo
Sunday Masses: 6, 7, 8, 10:15, 11:15 and 12:15 o'clock
High Mass, 9 A.M.

CHURCH OF CHRIST
1522 Cravens Avenue, Torrance
Preston L. Winchell, Minister
SUNDAY
9:45 a.m.—Bible Study
10:45 a.m.—Worship Service.
6:00 p.m.—Young People's Meeting
7:00 p.m.—Evening Worship
WEDNESDAY
10:00 a.m.—Ladies Bible Class
7:30 p.m.—Bible Study
Phone FA 9-1535

FIRST CHURCH OF CHRIST, SCIENTIST
2181 St. and Manuel Ave.
Torrance, Calif.
Church Services—11 a.m.
Wednesday Eve Meetings—8 p.m.
Sunday School—
9:15 a.m. children 9 yrs to 20
11 a.m. children under 9 years must be accompanied by parent or guardian for enrollment.
Reading Room—1406 Cravens
Open 10 a.m. to 5 p.m. daily except Sunday and Holidays. Also 7 to 9. Monday and Friday evenings.
All are welcome to attend our services and to use our Reading Room.

CENTRAL CHURCH EVANGELICAL UNITED BRETHREN
Marcelina & Arlington
Rev. Walter M. Stanton
FA 8-3010
9:30 — Sunday School
11:00 — Morning Worship
6:30 — Youth Fellowship
7:30 — Evening Worship
Midweek Worship Service 7:00 Wednesday Evening

FIRST CHRISTIAN CHURCH OF TORRANCE
(Disciples of Christ)
2930 El Dorado, Torrance
Rev. H. Milton Sippel, Pastor
Res. Phone FA 8-4583
Two Sessions of Church School and Morning Worship, 9:30 and 11:00 a.m.
Nursery provided at both sessions.
Christian Youth Fellowship—7 p.m.

DEL AMO BAPTIST CHURCH
3708 Del Amo Blvd., Torrance
Pastor Stuart Smith
PA 8-9583
Sunday School All Ages, 9:45 a.m.
Morning Worship Service—11:00 A.M.
A Streamlined Evening Service 7:30 P.M.
A Conservative Baptist Church

FIRST LUTHERAN CHURCH
Carson and Flower
Phone FAirfax 8-5384
William J. Roleder, Pastor
John Wilker, Intern
8:00 a.m.—Worship Service.
9:30 a.m.—Sunday School.
Children and Adults.
10:45 a.m.—Worship Service.
(Nursery at 10:45 Service)
Holy Communion—First Sunday
Luther League—2nd and 4th Sundays.

DEL AMO SOUTHERN BAPTIST CHURCH
317 S. Broadway, Redondo Beach
FR 1-3925
Sunday School—9:45 A.M.
Training Union—6 P.M.
Worship Services
11 A.M. and 7 P.M.
Pastor, Daniel B. Weaver Jr.

FIRST CHURCH OF THE NAZARENE
1501 West Carson
Ponder W. Gilliland, Pastor
Ph. FA 8-4060
9:30 A.M. Sunday School
10:45 A.M. Worship Nursery
Children's Church
6:00 P.M. Youth Fellowship
7:00 P.M. Evening Service "The Happiest Hour of the Week"
7:30 P.M. Wednesday evening "Come Ye Apart Hour"

REDONDO-TORRANCE CHURCH OF RELIGIOUS SCIENCE
508 S. Catalina Ave.
(Redondo Beach Masonic Temple)
Sunday Service—11 A.M.
Children's Church—10:53 A.M.
(All Ages)
Senior Youth—7 to 9 P.M.
Dr. Earl D. Barnum Minister
Church Phone FR 9-5486