

# Science Gains Knowledge About Least Understood of Vitamins

By DELOS SMITH  
United Press Science Editor  
New York — Science has acquired a bit more knowledge about one of the least understood of the known vitamins.

The unborn baby has such "a seeming avidity" for vitamin B12 that by the time he is born he has much more of it than his mother has—yet the mother seems to have quite enough left over for herself.

This clearly indicates that vitamin B12 plays a stellar role in the marvelous biological complex of mother—unborn child, but what role. That is the new, big, exciting, and most difficult question.

Now comes the yet-to-be-nail-down indication of B12's high involvement in reproduction. This indication began with tests of 528 healthy adults to get an idea of how much B12 normally is in circulation in the blood.

### Scientists Make Study

From these figures, four scientists got a line on how much women have when they are between 15 and 50 years old and are not pregnant. This was the base for "paired" mother-infant studies in two hospitals, one in Norristown, Pa., the other in Houston, Tex.

At the time of deliveries, blood samples were taken from the mothers—and also from their babies by way of the umbilical cord. Consistently in both places, baby B12 was higher than maternal B12, in some cases 100 per cent higher. In a few it was five and six times higher.

The scientists were Drs. William P. Boger, Gilbert M. Bayne, and George D. Beck of the University of Pennsylvania, and Prof. Lemuel D. Wright of Cornell university. Their report was published in the New England Journal of Medicine.

In previous studies of B12 content of adult blood serum, they had established a maximum quantity and found that anything above that amount was unusual. Yet 28 of 96 infants had at the time of their birth B12

levels higher than that "critical value."

"Some of the values noted were of the same order of magnitude as those 'eliminated' from our analyses of 'normal' adult subjects because of inability to explain such values," they reported.

"It was in these very cases that the differential between mother and infant serum concentrations of vitamin was most marked. It almost seems that the infant had an avidity for vitamin B12 but not to the obvious detriment of the mother."

"The uniformity of these observations in favor of the infant, 89 of 96 pairs (92 per cent) begs explanation," they said, adding that they had further studies in progress. They analyzed blood samples from Texas as well as from Pennsylvania to be sure that what they found in one place, also obtained in a far distant place.

A geographical difference did appear—Texas mothers and babies generally had higher B12

levels than Pennsylvania mothers and babies. So did a sampling of non-pregnant Texas women. This, too, is unexplained.

## Larger Payments Are Available for Losses

Salem—Former armed forces personnel who received government reimbursement for loss of personal property in connection with their military service, may in certain instances now receive a larger payment provided they apply by July 7, the Oregon department of veterans' affairs has reported.

The state veterans' department said the military personnel claims act of 1945, which originally limited payment to \$2,500 for loss, destruction or damage to servicemen's personal property, has been amended to raise the limit of such claims to \$8,500.

This means that any person who filed a claim under the original act and whose reimbursement was limited to \$2,500 by reason of that act, may now file an additional claim for the difference, up to \$6,500.

The deadline for filing under the amendment is July 7. Application is filed by writing a letter to the military department concerned.

In the event the serviceman has died, his survivor may apply. Survivors entitled, in order, are the spouse, children, parents, brothers and sisters.

## Animal Teaser Given Sentence in 'Cage'

Syracuse, N. Y. — A teenager arrested for annoying animals at the local zoo was given a chance to see how it feels in a "cage."

Thomas Joslin, 17, was sentenced by Police Court Judge Leo Dorsey to spend the night in jail and pay a \$50 fine.

# The Family Council

Editor's note: The Family Council consists of a judge, a psychiatrist, three clergymen, a newspaper editor, a women's editor and two writers. Each article is a summary of an actual report. The Family Council does not give advice; it merely reports on problems that have been dealt with by responsible agencies and counselors.

Stewart V. — My mother is a terrible snob. Mrs. H. V. — He wants to spite me.

Stewart V. — I am 17 and I'm having a lot of trouble with my mother. She is a terrible snob. When I bring home a girl friend, Mother looks her up and down as if the girl was in a shop window. Later she asks me all about the girl's family, what her father does for a living, what kind of home they have, etc.

Most of the time Mother decides the girls I go out with "aren't good enough." These girls I go to school with. Plenty of fellows would be glad to go out with them.

Mother thinks I'm such a prize that I should go out with only "the best." She doesn't realize that there are lots of girls who don't agree with her. Some of them won't go on a date with me, no matter how hard I try. Just the same, I think the ones I have gone out with are pretty neat. I have no complaints.

Mrs. H. V. — Stewart seems to be going out of his way to spite me in the matter of girls.

I am not such a terrible snob as he thinks. I always lean over backward to be nice to everybody, no matter what I think

of them. However, we live in a very mixed neighborhood. Some of the children attending Stewart's school come from comfortable homes like ours. Others are very poor. I have all the sympathy in the world for them, but these girls are not very attractive in their manner of dress. Stewart just doesn't seem to see the difference between these and the nicer girls that I point out to him.

Through my friends, I have arranged wonderful dates for Stewart. I also give him plenty of money for these dates. Half the time he tries to get out of it, and the other half he comes home saying, "terrible."

The Council:—If Stewart is going out of his way to spite his mother in the matter of girls, she can outwit him, by not telling her opinions at all. Once Stewart is a free agent in the matter, and is not forced into spiteful behavior by a foolishly domineering mother, there is a 50-50 chance he'll find girls that meet some of Mrs. H. V.'s requirements.

Left to his instincts, Stewart is very likely to develop higher and better standards than his mother's. He'll probably look for girls with some physical attractiveness, health and pleasant personality. These qualities will stand up much better under the stress of life than attractive manner or dress.

Mrs. H. V. should not lean so far backward to be nice to people. It is hard to see them from that position. Sympathy tends to blur the vision. To an unemotional, straightforward look (not up and down and no tears, please) will result in a clearer view of Stewart's friends.

Bribing Stewart to go out on "wonderful dates" is bad taste, bad morality and won't work. Simple introductions to the children of friends is another story. But Stewart will have to carry the ball from there.

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RECEIPTS:		
Estimated Cash on Hand June 30, 1957		\$ 81,645.75
Estimated Water Revenues		379,040.00
Transfer from Water System Construction Fund		4,100.00
Other Receipts		
Customer Service Connections	\$ 12,000.00	
Servicing Customer Installations	26,000.00	
Connection Fees	1,600.00	
Water District Operation	7,260.00	
Rents	240.00	
Assessments for Trunk Water Mains	45,733.50	
		\$ 92,833.50
<b>TOTAL RECEIPTS</b>		\$557,619.25
EXPENDITURES:		
Operating Expenses	\$145,877.00	
Franchise Taxes	3,750.00	
Interest on Bonds	58,735.00	
Labor & Material for Customers' Service Connections	12,000.00	
Labor & Material for Servicing Customers' Installations	25,000.00	
Capital Expenditures	241,605.00	
		\$486,967.00
<b>TOTAL EXPENDITURES</b>		\$ 70,652.25
<b>ESTIMATED BALANCE JUNE 30, 1958</b>		\$ 103,652.85

RECEIPTS:		
Estimated Balance June 30, 1957		\$104,652.85
Interest in Investments		3,100.00
		\$107,752.85
DISBURSEMENTS:		
Transfer to Water Fund		4,100.00
<b>ESTIMATED BALANCE JUNE 30, 1958</b>		\$103,652.85

ACTUAL EXPENDITURES FISCAL YEARS	EXPENDITURES FISCAL YEAR 1956-57	CLASSIFICATION	Budget Allowance 1957-58
1954-55	1955-56		
22,937.26	5,364.46	4-98 Street Construction	58,288.00
\$ 34,664.69	\$ 6,093.44	Total Capital Expenditures	\$ 88,088.00
\$ 54,477.49	\$ 60,710.71	SUMMARY OF EXPENDITURES	
22,548.00	23,093.75	Personal Services	\$107,232.00
34,664.69	6,093.44	Operation & Maintenance	49,700.00
		Capital Expenditures	85,088.00
		<b>GRAND TOTAL</b>	\$245,020.00
\$111,690.18	\$ 89,897.90	Estimated Balance June 30, 1957	\$ 90,020.00
		Estimated Receipts 1957-58	155,000.00
			\$245,020.00

OPERATION AND MAINTENANCE:		
Engineering		\$ 1,425.00
Storm Sewer Constr.		46,075.00
<b>Total</b>		\$ 47,500.00

PERSONAL SERVICES:		
1-12-22 Utility Worker I		\$ 2,208.00
1-12-24 General Foreman (IPT 490)		2,580.00
1-12-314 Mechanic Foreman		6,840.00
1-12-314 Utility Worker III (2 330-390)		250.00
1-12-315 Utility Worker II		1,200.00
1-12-101 Carpenter		225.00
1-12-101 Overtime		375.00
1-12-11 Compensation		245.00
1-12-121 Retirement		345.00
1-12-13 Social Security		
<b>Total Personal Services</b>		\$ 15,473.00
OPERATION AND MAINTENANCE:		
1-12-17 Office Supplies		\$ 350.00
1-12-17.2 Warehouse Supplies		2,500.00
1-12-17.5 Paint		200.00
1-12-21 Travel		250.00
1-12-22 Gasoline		1,350.00
1-12-24 Electricity		550.00
1-12-26 Telephone & Telegraph		200.00
1-12-46 Drainage Control		4,000.00
1-12-50 Const. Sidewalks		10,000.00
1-12-51 Outside Work		20,000.00
1-12-53 Street Sign Maint.		925.00
1-12-68 Equipment Maintenance		1,500.00
1-12-69 Bldg. Maintenance		1,000.00
Sewer Repairs		
<b>Total Operation and Maintenance</b>		\$ 42,825.00
CAPITAL EXPENDITURES:		
1-12-96.1 New Equipment		\$ 1,500.00
Warehouse Addition		
<b>Total Capital Expenditures</b>		\$ 1,500.00
SUMMARY OF EXPENDITURES		
Personal Services		\$ 15,473.00
Operation and Maintenance		42,825.00
Capital Expenditures		1,500.00
<b>GRAND TOTAL</b>		\$ 59,798.00

PERSONAL SERVICES:		
1-13-2 City Electrician (IPT 430)		\$ 2,580.00
1-13-2.2 Park Meter Att.		4,440.00
1-13-3 P.W. Director (IPT 780)		2,280.00
1-13-3.8.1 Engineers Aide II (IPT 370-390)		1,520.00
1-13-7.4 Secretary (IPT 270-290)		850.00
1-13-10.2 Extra Help		4,500.00
1-13-11 Compensation		75.00
1-13-12.1 Retirement		300.00
1-13-13 Social Security		340.00
<b>Total Personal Services</b>		\$ 16,985.00
OPERATION & MAINTENANCE:		
1-13-17 Misc. Supplies		\$ 300.00
1-13-17.3 Traffic Supplies		3,000.00
1-13-17.4 Meter Parts & Supplies		1,650.00
1-13-18 Publications		70.00
1-13-20 Mileage		200.00
1-13-21 Travel		168.00
1-13-66 Car Expense		50.00
1-13-79 Electricity for Signals		9,000.00
1-13-80 Annual Interconn. Cost		315.00
1-13-81 Traffic Signal Repairs		1,200.00
<b>Total Operation &amp; Maintenance</b>		\$ 16,153.00
CAPITAL EXPENDITURES:		
1-13-52 Traffic Signs		\$ 1,500.00
1-13-82 Traffic Signals		1,410.00
1-13-83 Overhead Direct Signals		100.00
1-13-86.1 Equipment		200.00
Surveys & Reports		
<b>Total Capital Expenditures</b>		\$ 3,210.00
SUMMARY OF EXPENDITURES		
Personal Services		\$ 16,985.00
Operation & Maintenance		16,153.00
Capital Expenditures		3,210.00
<b>GRAND TOTAL</b>		\$ 36,348.00

Arterial Streets	Fire M'ten'ce	General Bond	General Fund	Library	Off-Street Parking	Park & Swim. Pool	Sanitary Sewer	State Tax Street	Storm Sewer	Water Bond	Total
Property Tax	\$143,600.00	\$ 93,759.00	\$ 55,753.00	\$286,421.00	\$ 18,427.00						\$ 729,795.00
General Revenue:											
Airport			42,800.00								42,800.00
Buildg & Insp.			22,000.00								22,000.00
Engineers			50,573.00								50,573.00
Gen. Admin.			147,556.00	31,000.00	35,000.00						182,556.00
Jack. City & Lib. Rev.			64,000.00		15,000.00						79,000.00
Parking Meter			46,170.00								46,170.00
Sale-Labor & Mat.			30,600.00								30,600.00
Sewer Service			20,000.00								20,000.00
State Gas Tax			155,000.00								155,000.00
Swimming Pool			8,500.00								8,500.00
Rural Fire		38,500.00			8,500.00						47,000.00
<b>Total</b>		\$ 38,500.00	\$403,699.00	\$ 31,000.00	\$ 50,000.00	\$ 8,500.00		\$ 20,000.00	\$155,000.00		\$706,699.00
Estimated Cash 7-1-57		\$ 5,975.00	\$ 47,329.00	\$ 52,365.00	\$ 4,205.00	\$ 4,054.00		\$ 90,020.00		\$ 33,500.00	\$227,498.00

Airport		\$ 212,000.00
Park Improvement		37,500.00
Sanitary Sewer		40,000.00
Sewage Plant Enlargement		5,000.00
Storm Sewer		150,000.00
Trunk Sewer		65,000.00
Library		32,000.00
Fire Department		52,000.00
Jackson Street Bridge		20,000.00
Armory Construction		20,000.00
Sewage Disposal		40,000.00
Camp White Sewage Disposal		15,000.00
Kenwood Water District		25,000.00
Grandview Water District		40,000.00
Water Enlargement Bonds		111,000.00
		2,605,000.00
<b>Total</b>		3,693,500.00
Improvement Bonds		230,886.47
Improvement Warrants, March 31, 1957		297,097.00
<b>TOTAL</b>		\$4,221,483.56

GENERAL BOND FUND:	LEVY
Bond Schedule 1957-58	\$ 98,174.00
Delinquent Taxes & Discounts	4,908.00
<b>Total</b>	\$103,082.00
Estimated Cash on Hand July 1, 1957	47,329.00
<b>Levy</b>	\$ 55,753.00
WATER BOND SINKING FUND:	
Bond Schedule 1957-58	60,000.00
Held to Pay Bonds July 1, 1957	13,400.00
Delinquent Taxes & Discounts	1,995.00
Estimated Cash on Hand July 1, 1957	33,500.00
<b>Levy</b>	41,895.00
IMPROVEMENT BOND:	
Bond Schedule 1957-58	40,028.00
Bond Sale Expenses	500.00
<b>Total</b>	40,528.00
Assessments Receivable 1957-58	50,000.00
Estimated Cash on Hand July 1, 1957	184,000.00
<b>Levy</b>	234,000.00
CAMP WHITE SEWER SINKING FUND:	
Bond Schedule 1957-58	46,000.00
Sewer Charges Receivable 1957-58	126,700.00
Estimated Cash on Hand July 1, 1957	172,700.00
<b>Levy</b>	None
CAMP WHITE SEWER CONSTRUCTION FUND:	
Construction Costs	49,843.00
Estimated Cash on Hand July 1, 1957	49,843.00
<b>Levy</b>	None
SANITARY SEWER FUND:	
Sewer Construction	860.00
Estimated Cash on Hand July 1, 1957	860.00
<b>Levy</b>	None
FIRE DEPARTMENT BOND FUND:	
Switchboard & Fixtures	3,341.00
Estimated Cash on Hand July 1, 1957	3,341.00
<b>Levy</b>	None
SEWAGE DISPOSAL BOND FUND:	
Bond Schedule 1957-58	5,500.00
Estimated Cash on Hand July 1, 1957	56,377.00
<b>Levy</b>	