SCIENTIFIC AMERICAN

Established 1845

CONTENTS 1	FOR MARCH 195	O V	OLUME 182 ,	NUMBER	3
Scientific Ameri	CAN is copyrighted 1950 in the U.	S. and Berne Convention	countries by Scientific A	t <mark>merican, I</mark> nc.	
ARTICLES				-	
THI	E HYDROGEN BOM	В	by Lou	u <mark>is N</mark> . Riden	our
	The issues involved in o sion than the theory beh hattan Project consider	ind it. A physicist v	e subject of less pu who did not work o	ıblic discus- on the Man-	11
POI	NT FOUR		by Stephen	Raushenh	nish
	A year ago the Presider assistance to the under followed to its logical co	leveloped areas of	s proposal to expo	rt technical s concept is	16
✓ BLC	OOD PIGMENTS		by	H. Munro	Fox
	Hemoglobin, the remarl is characteristically red. in certain other creatu	The substances th	nat ferries oxygen hat possess the sar	to the cells,	20
COR	RTISONE AND ACTI	I	by G	George W. G	Fray
	They have now suppres arthritis, asthma, tuberc approach to the problem	ulosis and pneumo	of such dissimilar	diseases as	30
EXP	ERIMENTAL NEUR	OSES (by Jules	H. Masseri	nan
	In the laboratory of the rotic patterns of behavion therapeutic methods like	n. The neuroses m	hav then be cured	by psycho-	38
HOT	T ATOM CHEMISTR	Y	by W	illard F. Li	bby
	When an atom within curious chemical effects. in terms of one molecule	A radiochemist di	ade radioactive, i	it produces	44
PLA	NT TISSUE CULTU	RES	by P	hilip R. W	hite
	For some time animal tiplant tissues have also The technique enables	been cultured, an	grown <i>in vitro</i> . Mo ad in a more cont	ore recently	48
OBS	TETRICAL LABOR		by Samuel 1	R. M. Revn	olds
	Although childbirth has have seldom been precis strain gauge, which is u	civ measmen. Ind	some time, the force	es involved	52
DEPARTMEN					
LET	TERS	-174			2
50 A	ND 100 YEARS AGO				4
SCIE	NCE AND THE CITI	ZEN			24
ВОО					56
THE	AMATEUR ASTRONO	OMER			40

BOARD OF EDITORS: Gerard Piel (Chairman), Dennis Flanagan, Leon Svirsky, K. Chester, Albert G. Ingalls, James R. Newman, John E. Pfeiffer

BIBLIOGRAPHY

60

64

Joselyh

SCIENTIFIC AMERICAN



HOT ATOM CHEMISTRY

75 CENTS OUTSIDE THE AMERICAS

March 1950