

DRUG PROVING

Pyrus americana

(A compiled data of Proving conducted by CCRH)

Introduction	:	The proving of Pyrus americana was conducted by Dr. H.P. Gatchell. There is mention of this drug in "Herbal Simples" written by Dr. Fernie ²
Botanical name	:	Pyrus americana Marsch. ¹
Family (Natural order)	:	Rosaceae ¹
Common name	:	English : American mountain ash ¹
Description	:	A shrub or tree upto 10 meter high with smooth round grayish branches. Leaves odd pinnate with 13 to 15 leaflets, leaflets lanceolate to narrowly oblong, long acuminate, 5 to 9 cm long, 1/3 to 1/5 cm wide, sharply serrate with pointed teeth, usually glabrous beneath; axillary buds pointed, glabrous and somewhat glutinous. Flowers white, in large and flat cymes; petals obovate, 3 to 4 mm long, narrowed to base, conspicuously larger than the stamens. Fruit bright red, 4 to 6 mm in diameter. ¹
Proving conducted at	:	A. Drug Proving Research Unit (H), Ghaziabad, (U.P.) B. Drug Proving Research Unit (H), Kolkata, (W.B.) C. Regional Research Institute (H), New Delhi.
Period of Proving	:	2001-2002
Potencies proved	:	6,30 (in descending order)
Source of Drug	:	Hahnemann Publishing Company, Kolkata (W.B.)

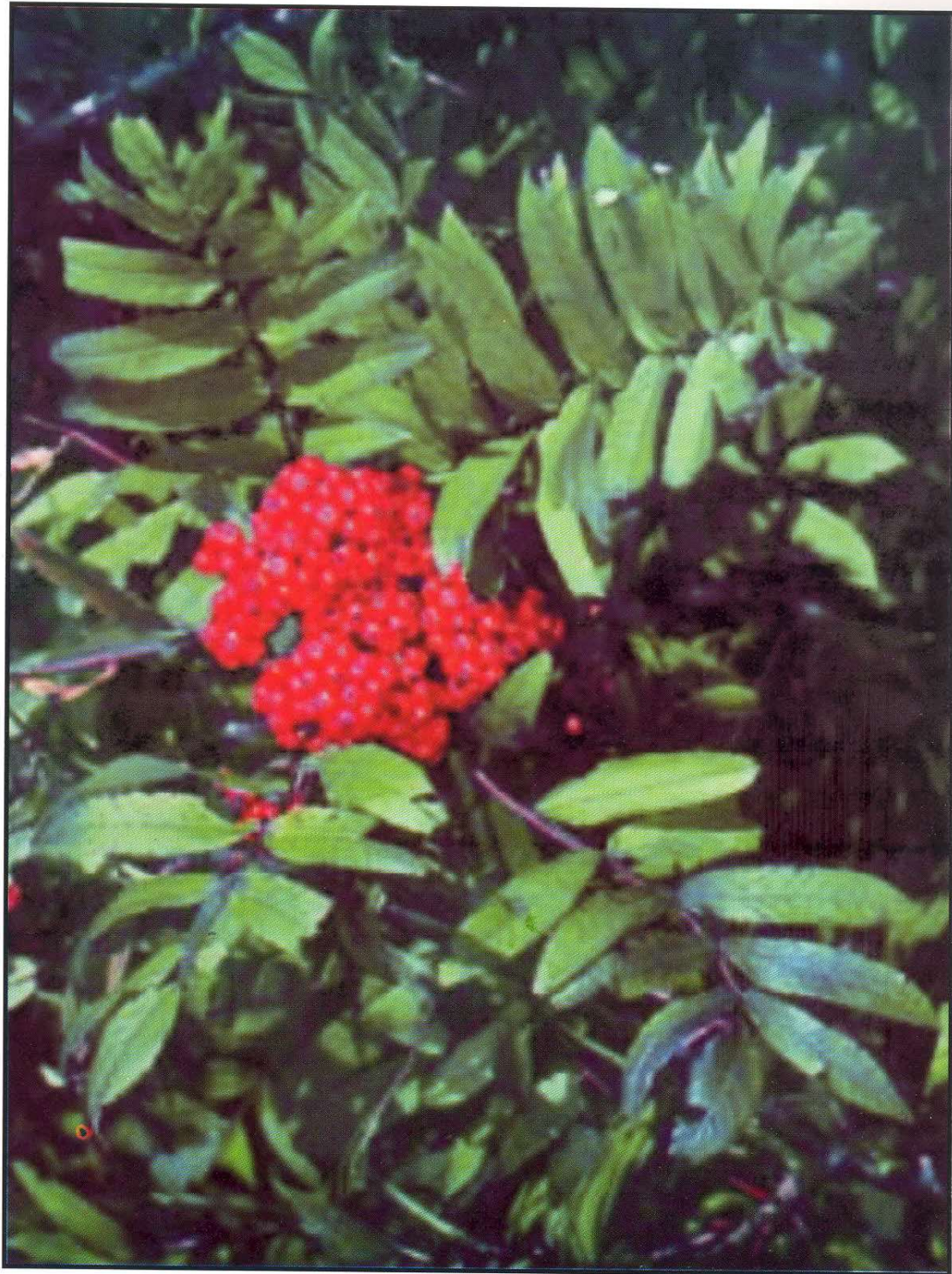
Drug Proving: Details of Participants

S. No.	Name of the Unit	Provers participated			Investigators	Hony. consultants
		<u>No.</u>	<u>Age group</u>	<u>Sex</u>		
1	Drug Proving Research Unit , Ghaziabad, (U.P.)	8	18-38 years	M-6 F-2	Dr. R.K.Ray -RO (H)	Dr. Anil K. Bansal - Psychiatrist
					Dr. Swatantra Prakash -ARO (H)	Dr. P.K.Jain - Ophthalmologist
					Dr. Mohan Singh -ARO (H)	Dr. V.R. Mittal - E.N.T. Specialist
					Dr. Yogender Rai -ARO (H)	Dr. (Mrs.) Prem Kapoor - Gynaecologist
						Dr. R. K. Garg - Dermatologist

2	Drug Proving Research Unit, Kolkata, (West Bengal)	7	22-32 years	M-6 F-1	Dr. K.C.Sarkar -RO (H) Dr. (Mrs) Shakti Dey - RO (H) Dr. B.K.Mondal - RO (H)	Dr. D.K.Barui - General Physician Dr. Dr. S.K.Nayak - Psychiatrist Dr. Ashok K Mandal - Ophthalmologist Dr. Tarun K. Palit - E.N.T. Specialist Dr. S.D.Mahapatra - Gynaecologist Dr. A.K.Chatterjee - Pathologist Dr. Das Gupta - X-Ray
3	Regional Research Institute ,New Delhi.	6	21-56 years	M-4 F-1	Dr. V.K.Khanna - Hony. Project Officer Dr. Hari Singh - RO(H) Dr. B.S. Arya - RO(H)	Dr. R.K.Mishra -General Physician Dr. (Mrs.) I Das Gupta - Ophthalmologist Dr. (Mrs.) Kavita Nagpal - E.N.T. Specialist Dr. (Mrs) Asha jain - Gynaecologist Dr. (Mrs.) Versha Satwik - Pathologist

Symptoms observed:

Head	Red boils on right temple with burning and throbbing pain, worse by warm application, better by cold water. Frontal headache ² worse evening, better by rest and warm. Pain in temples ² . Aching in forehead better by pressure. Pain in whole head, particularly forehead better by pressure.
Eyes	Lachrymation bland and profuse with sneezing.
Nose	Sneezing with nasal discharge better by taking tea. Watery nasal discharge with coryza & feverish feeling. Sneezing with watery nasal discharge worse morning . Left nostril, blocked with watery nasal discharge worse after taking bath in cold water.



Pyrus americana - fruits



Pyrus americana - flowers

Mouth	Dryness of mouth. Sour and bitter taste. Sour water brash.
Teeth	Severe pain in left molar tooth, better by drinking tea, pressing gums.
Face	Burning sensation with frontal headache.
Stomach	Appetite diminished. Aversion to eggs. Severe gagging, retching in stomach worse morning. Vomiting with loss of appetite. Pain in epigastrium with nausea, worse after tea. Nausea with thirst. Sour eructation better by drinking water. Heartburn, irritability in stomach. Sour, bitter vomiting worse after meals.
Abdomen	Heaviness in abdomen. Pain in umbilical region worse by bending forward, better by walking and passing flatus. Pain about umbilical region worse by bending ; better by walking.
Rectum	Constipation severe with water brash and pain in umbilical region.
Respiratory system	Dry cough with cold.
Sleep	Disturbed sleep. Dreams of walking on mountains.
Fever	Feverish feeling with watery nasal discharge & Cough. Feverish after getting wet.
General	Feeling of weakness worse afternoon. No desire to work. Bodyache with irritability. Dullness and weakness. Lethargic feeling with desire to lying down ² .

References:

1. *Homoeopathic Pharmacopoeia of India*, Govt. of India, Vol. (V):pp 82.
2. Edward Pollock Anshutz, *New, Old and Forgotten Remedies*, Prabartak printing & Halftone Private Ltd., Bepin Behary Ganguly Street, Kolkata (1961); pp 351