

NAME: Krameria triandra Ruiz & Pavon

EXTRACT: **DK**

FAMILY: (Leguminosae II 6)

DISTRIBUTION:

Genus: 13 Mexico to Chile

Species:

STATUS:

Date:

QNS

Preliminary Active:

Confirmed Active:

SA, WA

ACTIVE SAMPLE:

Content: rt

Date of Collection:

Number:

Source: Commercial extract (Meer Corp.)
reputedly from this species and
K. argentea. "Rhatany root"

OTHER ACCESSIONS:

PR No.: Content:

Date:

Source:

RECOLLECTION:

PR No.: Content:

Date:

Source:

Uphof: Low shrub, Bolivian and Peruvian Cordilleras. Source of Peruvian rhatany
Root contains 10% tannin.
Info. file (USDA DRP-26(29)) Commonly found in southern provinces of Peru and in
Bolivia where mean annual temperature is about 55°F. and rainfall is 10-20 in.
PI 144982 Seed collected by T. H. Goodspeed, Andes expedition of U. Calif. Rec'd.
9-21-1942 from Chala, Peru, alt. 200 m. Prostrate shrub found on dry sandy
beaches-usually most of plant buried in sand-flowers bright red.
Flora Peru (MacBride) Vol. XIII, Part III, No. 1. p. 507: Ruiz and Pavon recorded
localities as Tarma, Huancayo, Canta, and Huancheri. Distrib: Cajamarca,
Amazonas, Huanuco, Junin, Ayacucho, Huancavelica, Apurimai, Arequipa, & Cuzco.
(These provinces are in mountains of central and southern Peru)
5-23-61 Hartwell was informed by Meer Corp. that their Rhatany Root extract
was prepared only from this species - contained no extract of K. argentea.
Ltr. to E. E. Smith 5-23-61

Conf. (SA) B-652216

DK?

Krameria

Standley - Trees and shrubs of Mexico: Low erect or procumbent shrubs. Dried roots of *K. triandra* Ruiz & Pavon, *K. ixina* L., and *K. argentea* Mart., all S. Amer. species, are official in the U. S. Pharmacopoeia. Roots of Mexican species have been exported
Lists total of 13 species, 9 from the three northern states - Sonora, Chihuahua, and Coahuila.

Distrib.: S US, Mexico, W. Ind., S. Amer.

5-26-61 (Acc. Fred Meyer) material in USNH from Venezuela, Paraguay, Curacao, Colombia, Brazil, St. Jan (West Indies), Porto Rico, Hispaniola, Antigua, and St. Thomas.

15-1398-K. cy *Tisoides* tw & fls - WAF
Puebla, Mexico

"Krameria triandra, ratana, pumacuchu, and mapato. This plant grows in the provinces of Tarma, Huanuco, Canta, and Huarocheri. Its root has such powerful astringent properties that it stops any bleeding; and when the diffusion or decoction of half an ounce of dried root per dose is taken, or a drachm of its watery extract is diluted in two or three ounces of water, this root serves to clean and strengthen the teeth. This use it already had in Peru when I discovered its great astringent virtue, superior to that of any other plant known to date for stopping hemorrhages, without the bad effects of other astringents, as has been demonstrated by the experience of more than 800 persons who have taken its extracts under the direction of physicians of the best reputation. See my memoir under the ratana inserted in the first volume of Memoirs of the Medical Academy of Madrid, printed in 1797, where all that I have observed about this particular will be found."

Alkaloid: This species: No report.

This genus: No report

Sweeticide: This species: Jacobson - 1 yr p. 119

This genus: Jacobson - 3 sp. p. 119

Corticin serum: This species: No report

This genus: No report

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