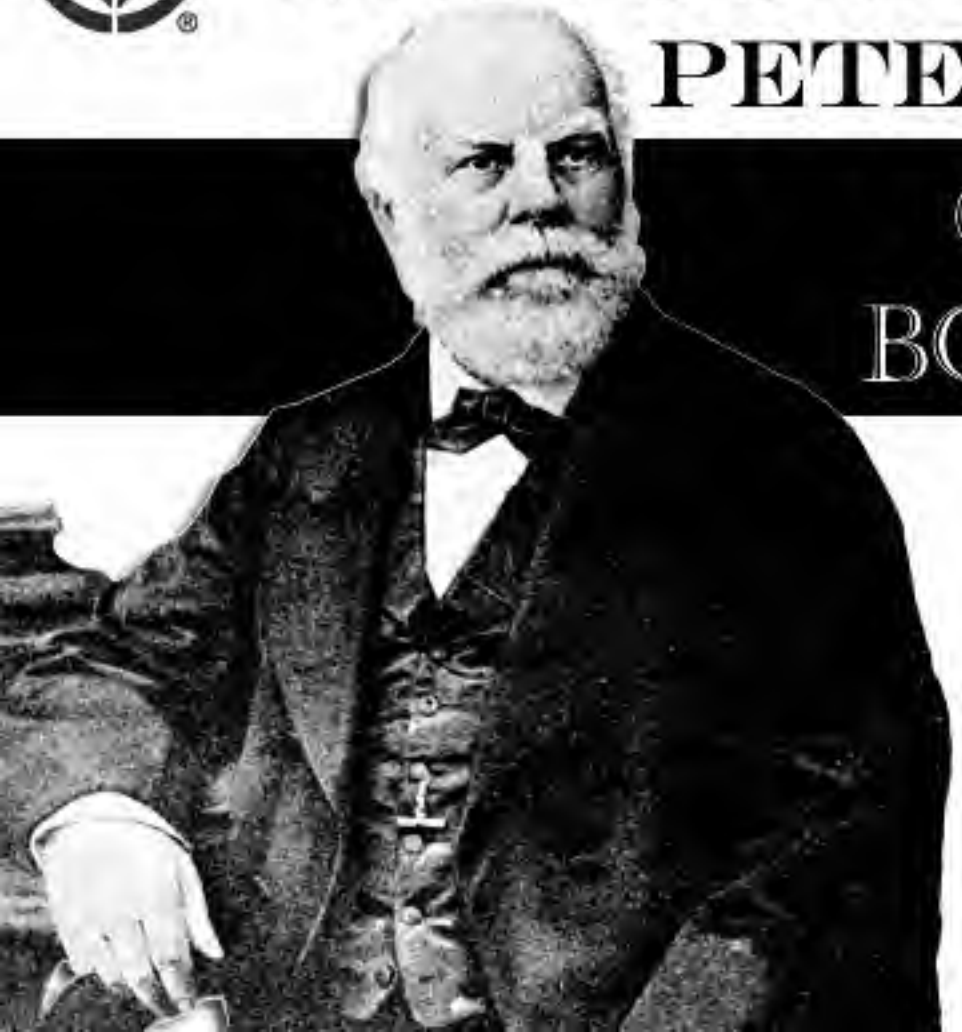
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



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1-13

112 Borragineae

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Achillea macrophylla L

Spr III, 599
RII, 466

Missouri Botanical Garden
George Engelmann Papers

Europa med

H. Saltzw. 1826

3808

Anacahuita with a large tubular white flower, is Cordia Boissieri (perhaps the plant I have from Gregg and taken for a Verbena)

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3809

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GEORGE ENGELMANN PAPERS

Co2

Dear Sir,

Yours of the 8th received yesterday. Will give it a trial. Yours very truly

Geo. Engelmann

Mr. Chas. Mohr
Auburn, Ala.

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2-4

Mertensia

flowers

all figures x 2

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FABRICA DE EXTRACTOS FARMACÉUTICOS

Los Extractos que desempeñan un papel tan eminente en la terapéutica, tienen que suministrar a los facultativos así como al farmacéutico por su excelente preparacion una completa garantía de eficacia.

Debe uno resguardarse de aquellos que no tengan el sello de una reputacion reconocida.

Seános permitido manifestar que creemos ser acreedar á la confianza que ha depositado en nosotros nuestros cófrades, en virtud de los cuidados escrupulosos que hemos tenido en la manipulacion de nuestros productos. — Así hemos visto acrecentarse nuestra reputacion en los quarenta años que cuenta de existencia nuestra casa.

Este Establecimiento el mas antiguo en su género, fundado por el S.or Dausse, el cual ha puesto en práctica los preceptos expuestos en sus varias publicaciones, está enteramente destinado à la fabricacion de los Extractos. No se emplean mas que substancias de primera calidad y muy sanas en sus principios constituyentes. Es un error creer que las materias primas averiadas, ó simplemente desprovistas de aquellos ingredientes propios á otros fines, puedan suministrar buenos Extractos. Para lograr excelentes productos se necesitan substancias inalterables, frescas, y ricas en principios activos.

Empleamos los mejores procederes, los aparatos mas perfectos y no quedamos satisfechos mientras podamos realizar algun perfecionamiento; nuestros Extractos tienen la ventaja de conservarse indefinidamente, y pueden desde luego ser expedidos en todos los climas.

Ora bajo el estado seco, ora bajo el aspecto húmido, nuestros Extractos gozan de las mismas propriedades de las plantas de donde emanan, y al buen aspecto reunen una accion médica infalible.

Puedèn con ellos obtenerse facilmente las diversas preparaciones que se desean, tales como jarabes, vinos, soluciones, píldoràs, pomadas, ecc., en el acto en que se requieren, previniendo así las alteraciones que algunas de ellas experimentan, los jarabes por ejemplo, en cuando se envejesen.

Fuera de los Extractos simples, preparamos así mismo otros Extractos para los jarabes compuestos. Bajo su consistencia blanda se disuelven completamente en el jarabe de azúcar llevado durante algunos instantes à la ebullicion, y suministran jarabes limpidos, dotados del olor y sabor de las plantas de que se componen.

Hace años que nos ocupamos de Extractos líquidos, los cuales, bajo un volúmen muy reducido, permiten lograrse por una simple mezcla á frio, en el jarabe ó el vino, preparaciones esquisitas.

Suministramos al fin de nuestro precio corriente, la tabla de las dósis que deben emplearse.

Jamas sacrificamos la calidad á la baratura, pero, tratamos por nuestros precios y condiciones de venta, de dar satisfaccion á los intereses de nuestros clientes.

Para procurarse nuestros Extractos puede dirigirse à los Señores Drogueros y Comisionistas de Paris, *exigiendo siempre que los productos lleven nuestro Sello y nuestra Carjeta.*

Puede igualmente hacernos directamente los pedidos, accompañando una letra de cambio sobre Paris.

DUBOÉ-DAUSSE & Ce

4, Rue Aubriot, PARIS.

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FABBRICA D'ESTRATTI FARMACEUTICI

Gli estratti, che hanno una si gran parte nella terapeutica, devono dare al medico e al farmacista, grazie alla loro buona preparazione, una completa garanzia d'efficacità. Laonde è di somma importanza di non impiegare se non quelli che portano una marca d'una casa onorevole e reputata.

Ci sia lecito il dirlo : noi meritiamo la fiducia dei nostri colleghi e l'attaccamento di cui li ringraziamo in virtù della cura scrupolosa che abbiamo nella preparazione dei nostri prodotti. Egli è per questo che da più di quarant'anni che la nostra casa esiste, essa vide aumentarsi sempre più il credito di cui godono i suoi prodotti.

La nostra casa, la più antica di questo genere, fondata dal Sig. Dausse, che vi ha messo in pratica i precetti da lui esposti in varie pubblicazioni, è affatto speciale per la fabbrica degli estratti. Noi non c' impieghiamo che sostanze di prima qualità. Sarebbe un errore il credere che le materie prime avariate, o solamente prive delle migliori porzioni riservate ad un altro impiego, possano convenire per fare degli estratti. Per ottenere buoni prodotti, richiedonsi sostanze belle, recenti, ben conservate e ricche in principii attivi.

Noi impieghiamo i migliori mezzi di fabbricazione, gli apparecchi i più perfezionati e non siamo pienamente soddisfatti se non quando vediamo realizzarsi un miglioramento. I nostri estratti si conservano indefinitivamente e possono spedirsi in tutti i climi. Allo stato molle come allo stato secco, essi godono delle proprietà delle piante che li hanno forniti, e ad un bell'aspetto aggiungono una azione medicinale sicura; al momento stesso del bisogno, essi permettono di fare, con certezza, i diversi preparati che se ne vogliono ottenere come sarebbero i sciroppi, i vini, le soluzioni, le pillole, le pomate, ecc., evitando cosi le alterazioni che alcuni tra essi preparati, i sciroppi, per esempio, subiscono coll'invecchiare.

Oltre ai semplici estratti, noi prepariamo pure degli estratti per fare tutti i sciroppi composti. Quando sono di consistenza molle, essi si dissolvono interamente nel sciroppo di zucchero portato all' ebullizione durante pochi momenti, e danno sciroppi limpidi aventi l'odore e il sapore delle piante che li compongono.

Da parecchi anni, ci siamo occupati degli estratti liquidi, i quali, sotto un volume molto ridotto, permettono d'ottenere, colla semplice mescolanza a freddo, col sciroppo o col vino, dei preparati d'una delicatezza perfetta.

Alla fine dei nostri prezzi correnti, noi diamo il quadro delle dosi da impiegarsi.

Noi non sacrifichiamo mai la qualità al buon mercato, ma procuriamo, coi nostri prezzi e condizioni di vendita di soddisfare gli interessi dei nostri clienti.

Per procurarsi i nostri estratti, dirigersi ai Sri Droghisti e Commissionari di Parigi, ma esigere sempre che i prodotti portino la **nostra marca e la nostra etichetta.** Si può pure dirigerci direttamente le domande, unendovi una tratta su Parigi.

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4, Rue Aubriot, PARIGI.

0182

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X 2

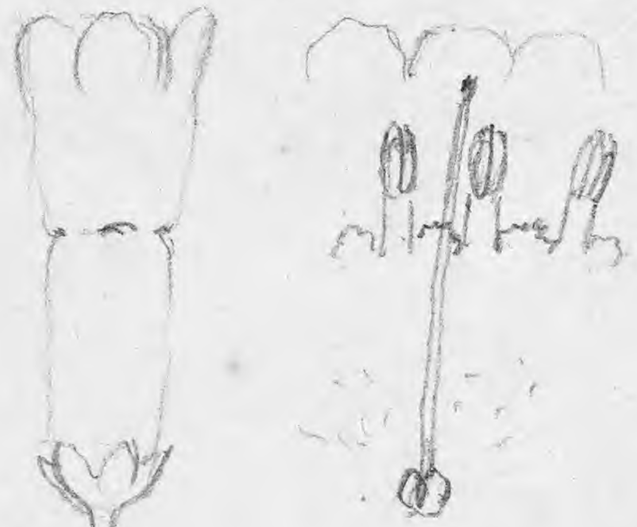
Mentzelia c.f. S. Cristata
G. Engelm. Colorado 1874

May 4 1875
Parry, Colorado
285 (1)

Bottom's Pass (16)

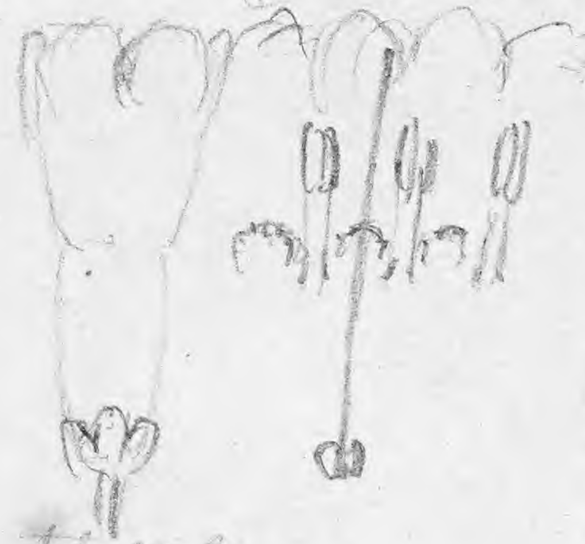
(17) Intermediate
Idaho

(18) Georgetown

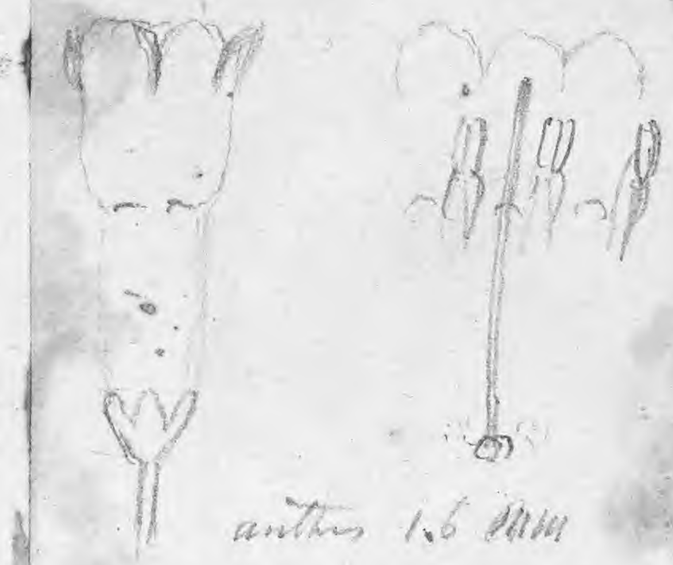


smooth edge

Tube longer, anth 1.8 - 2.0 mm
filament very broad
few hairs in tube



tube equal
filaments longer
tube almost
smooth inside



anthers 1.6 mm
Tube longer

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x 2

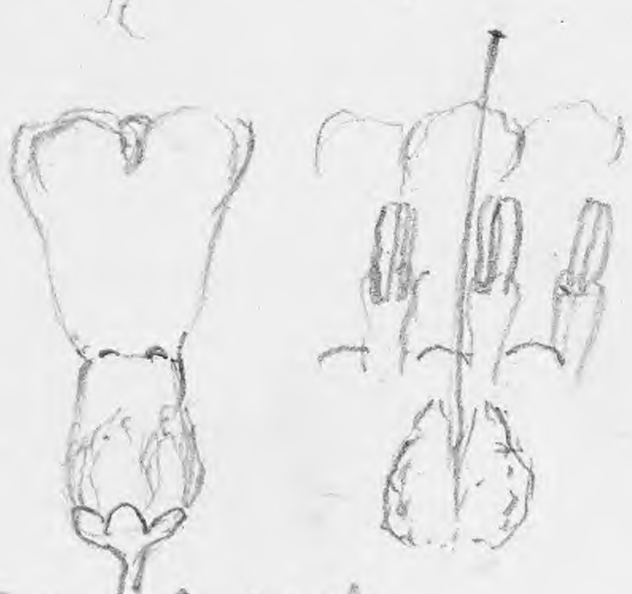
Mr Sibbin ? May 5 1875

Uintah Mountains

H Engelm 23 Aug. 1859

past flowering, flower adhering, dry

12



tube short naked inside

anthers 2.6

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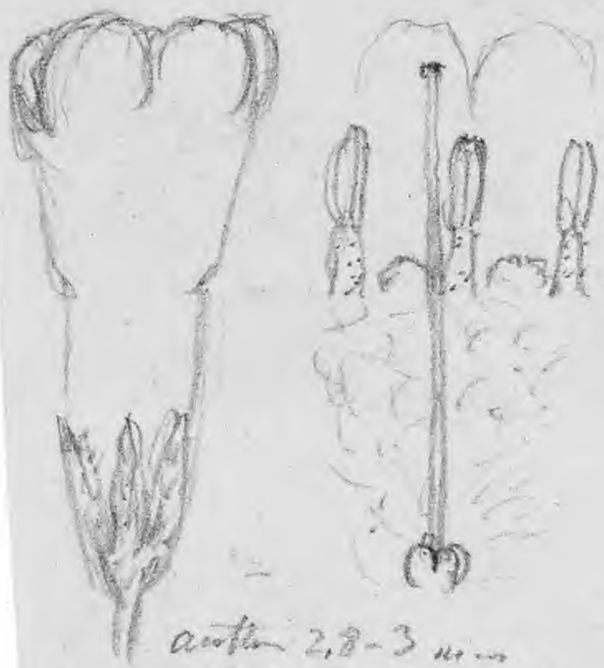
M. paniculata
3 Rendlen 626



anther 2.8-3 mm
filament very broad hairy
inserted below scales

May 4 1875

×2 M. paniculata?
Rendlen 442 (2)

base hairy ring
inside
anther 2½ mm

tube equal scales larger and
more woolly than
in any other
filaments, inserted just under
the scales, smooth
broad

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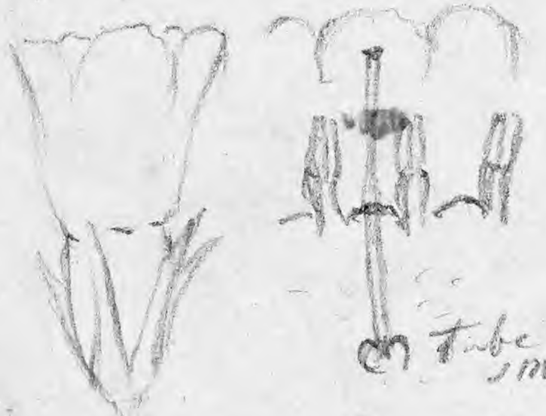
M. lanuginosa, major, coroll. intus lanuginosa
& Stigma [illegible]

Hayden Windriver June 3



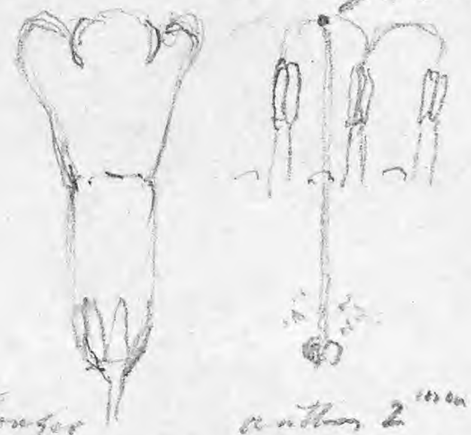
Tube smooth! or light hairy!

tube short, calyx as long as tube or longer

×2

May 5 × 6
1875

H. Engelm. Bourgeau Exp.
Meeker Boone Mt. Aug. 1856



tube longer ~~naked~~ inside pubes

anthers 2 mm
short calyx lobes obtuse

(Hayden Grosventrus is similar — naked inside)

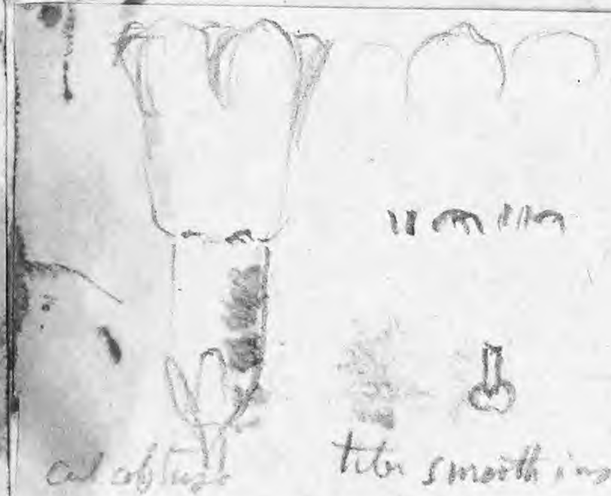
named by Gray at the time
" M. corniculata (or dodecandra?) "

Teton River, Doty

no scales or scarcely any! slight hair ∴ base of tube

calyx divided to middle

fruiting calyx



Lake fork
Hayden
23/6 60

Slam abortive or destroyed
∴ 2 flowers

cal obtuse

tube smooth inside

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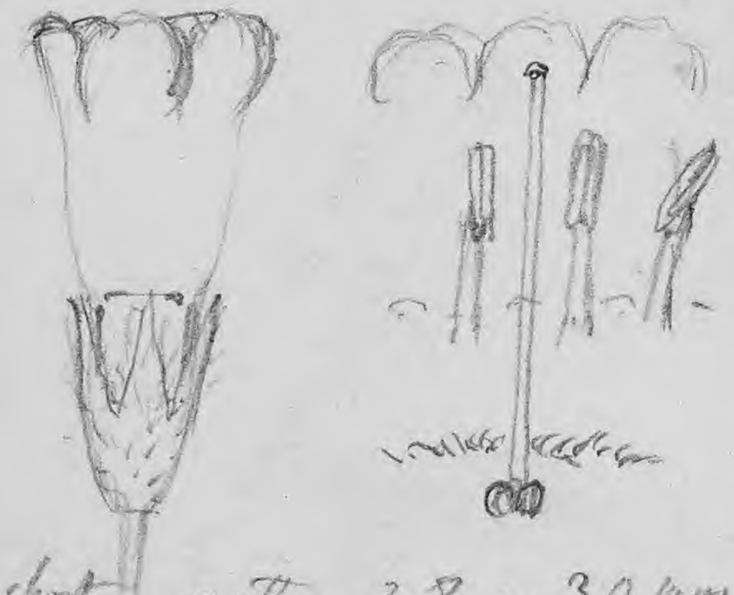
Mentzelia lanuginosa var. Fenzlii May 4 1875

Fendler, Santa Fe 625



Tube short anthers 2.8 mm 3.0 mm

Calyx only divided to middle

other flowers have tube equal

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Mertensia lanceolata

May 4 1875

May 4 1875

Colorado, Parry 1861 No 284 (4)

~~(113 Hall & Harb)~~

Hayden, Nebraska 1853

~~No 5. Hallars~~ (7)

same

10. Teton River

9. Fort Pierre

same

calyx a little longer

6 ~~No~~ Hall & Harb (M lanceolata?)

petals

This similar to sibirica

calyx to paniculata or lanceolata

Hayden, Grasshopper Pass June 18th 1861 has no beard in tube

Hayden, Wind River, June 3 is the ordinary form but slight hairs

vasey 127. p. is M. lanceolata

tube equal

anthers just 2 mm

9. Engelm Colorado 1874

Clear Creek 5.8. 1874

14

Pueblo, G. Engelm 1874

12

Empire G. E. 1874

15

filaments inserted below scales

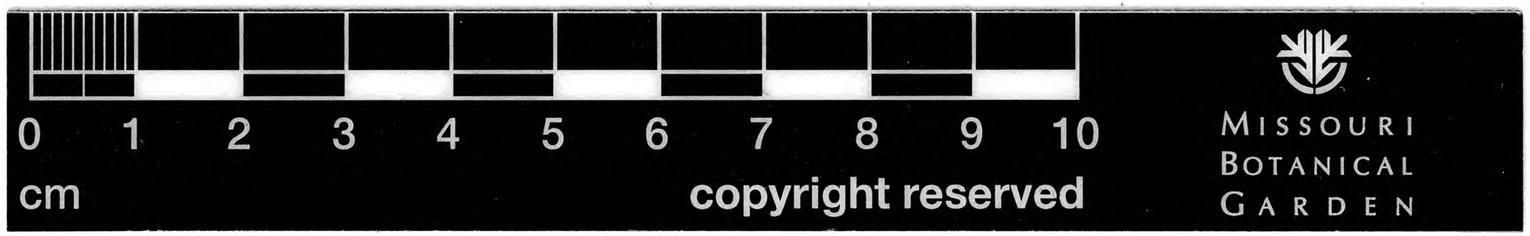
anthers 1.7 mm scales hairy

anthers 1.4 mm

anthers 2 mm scales hairy

anthers in bud

developed, filaments and style not



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Mentzel & Zweckle
Indy, Ingersoll
Gilsberg & Cohnfeldt
Cincinnati
Chicago

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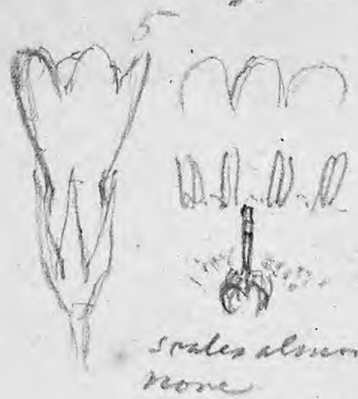
X2

May 4 1875

287. Colorado, Parry 1861



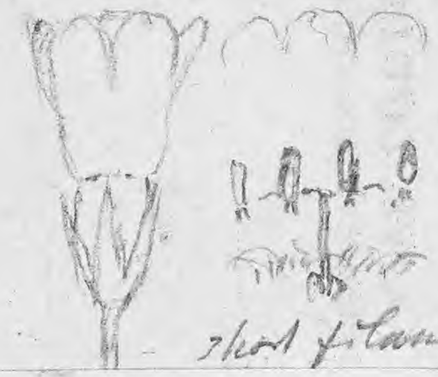
scales almost none
tube equal
slightly hairy inside

Mertensia alpina?

Colorado, Vasey 437 1868

anther 1.5 mm

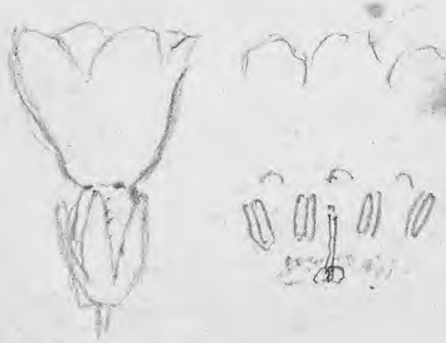
other specimen of Vasey 437



short filaments!

Hall, Colorado No. 443

(8)



Tube shorter
Anthers with very short filaments inserted below the scales, in the upper half of tube! no beard on scales or tube

Dr Hayden, above Fort Laramie, April & Muddy creek, May 1860 (truly alpine)

tube equal inside naked
anthers 1.7 mm
style to base of anthers

Some flowers are a little larger
10 mm long, anthers 1.8 mm
reaching to scales
Style, reaching above middle of anthers

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M. paniculata Sebiseia

Folia angustiora latiora

superiora sessilia summa solea sessilia

Calyx longior, angustior brevior obtusior

Corolla major minor

antherae et stamina pilosa glabriuscula

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cm 0 1 2 3 4 5 6 7 8 9 10

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SMITHSONIAN INSTITUTI

Answ Apr 17

3817

U. S. National Museu

Washington City, April 9

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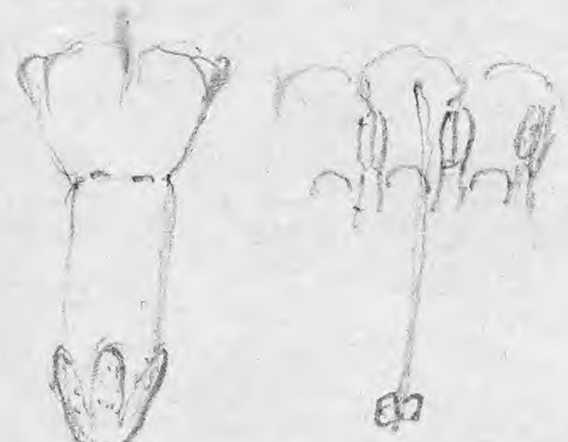
HARTWEG PAPERS

Middle Park

May 5 1875

x 2

Utah Valley Utah
May 15 1859 H. Engelm



tube much longer than faces

naked inside

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Mertensia

M. Virginica. calycis lobis oblongis, tubo longioribus ~~antheris~~ antheris filamentis longioribus (~~[illegible]~~) stylo antheras superante; nucularum 4 - lobo, lobis 2 parvis, 2 ovario aequantibus obtusis.

M. praecox Aichl calycis lobis ovatis, tubum aequantibus, antheras filamentis aequantibus s. superantibus, stylo antheras aequante; nucularum aequalitate 4 lobo lobis acutiusculis ovario brevioribus.

Both near St Louis April 1850. Aichl.
M. p. is out 2 weeks earlier than M. v.

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