

INSTITUT FÜR PFLANZENBAU UND PFLANZENZÜCHTUNG
Bundesforschungsanstalt für Landwirtschaft Braunschweig-Völkenrode (FAL)

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LIST OF COLLECTIONS
GERMAN-NETHERLANDS POTATO EXPEDITION
TO BOLIVIA IN 1980

L. J. M. van Soest

W. Hondelmann

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Appendix I

Team I:

Main collecting areas: Dept. La Paz and Oruro, some collections in Dept. Cochabamba and Potosi

Collecting periods: 17 February to 15 March, 1980
19 March to 5 April, 1980

Collectors: L.J.M. van Soest (S) "German-Netherlands Potato Department of the Genebank in the FAL Braunschweig", FRG
K.A. Okada (O), INTA, Balcarce, Argentina
C. Alarcon (A), IBTA, Toralapa/Cochabamba, Bolivia
J. Landeo (L), CIP, Lima, Peru
R. Claire (C), IBTA, Toralapa/Cochabamba, Bolivia
Z. Huaman (H), CIP, Lima, Peru

R. W. Hoopes (CID, Bolivia) and Mrs. A. M. Kruger (University of Cochabamba, Bolivia) collected for several days with team 1 as well.

Driver: J. Trujilla S., IBTA, Toralapa, Bolivia

COLLECTIONS TEAM I

(S = seeds; T = tubers; H = herbarium)

- SOA 1 - BGRC 27012 S. berthaultii 17.02.80 66.17 17.27
Dept. Cochabamba, prov. Cercado, outskirts of Cochabamba town, Cerro de San Pedro. Alt.: 2 780 m. Xerophytic vegetation with Acacias on hill, plants under scrubs. Wild and frequent. S + H.
- SOA 2 - BGRC 27013 S. sparsipilum (some introgression S. berthaultii) 17.02.80
Locality as SOA 1. Occasional S + H.
- SOA 3 - BGRC 27014 S. acaule 18.02.80
Dept. Cochabamba, prov. Arque. 90 km from Cochabamba on road to Oruro, Sayari (junction old and new Cochabamba road). Alt.: 3 780 m. On road side between stones. Wild and abundant. S. 66.28 17.40

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68.07 16.22

- SOA 4 - BGRC 27015 S. acaule 19.02.80
Dept. La Paz, prov. Murillo, 12 km from toll-block La Paz on road to Unduavi (Coroico). Alt.: 4 440 m. In steep slopes on road side, amongst Cajophora, Lupines and Stripa grasses. Wild and frequent. S.
- SOA 5 - BGRC 27016 S. tuberosum ssp. andigena 19.02.80
Probably Imilla negra, early variety. 69.00 16.18
Dept. La Paz, prov. Murillo, 33 km from toll-block La Paz on road to Unduavi. Alt.: 3 350 m. Cultivated in valley near Unduavi river. S.
- SOA 6 - BGRC 27017 S. tuberosum ssp. andigena 19.02.80 67.58 16.16
Dept. La Paz, prov. Murillo, 44 km from toll-block La Paz on road to Unduavi (Unduavi Junction), 3 250 m. Berries found near house, probably cultivated as big berries are andigena like. S.
- SOA 7 - BGRC 27018 S. violaceimarmoratum 19.02.80
As SOA 6. Plants growing in dense moist habitat in shade of trees and scrubs. Plants up to 2 m high with thick stems, stems dark purple. Large flowers, pale blue-violet. Wild and frequent. S + H.
- SOA 8 - S. phureja? 20.02.80 67.55 16.16
Dept. La Paz, prov. Nor Yungas. 1 km from Unduavi junction in direction to Chulumani. Only tubers collected (given to INTA, Toralapa). Alt.: 2 320 m. Cultivated or semi cultivated, growing occasional in field overcrowded with weeds. Small plants, 15 - 25 cm high, white flowers, ovale small tubers (5 - 25 cm), plants heavy attacked by insects. T.
- SOA 9 - BGRC 27019 S. canense (non tuber-bearing-Basarthrum) 20.02.80 67.38 16.23
(Org. Herbarium sheet identified as S. yungasense but living plants S. canense)
Dept. La Paz, prov. Sud Yungas. 1 km from Pt. Villa to Chulumani.
Alt.: 1 400 m.
Stems with developed wings and large stipules, plants 1 m high and creeping, white flowers and white-greenish berries with green stripes. Wild and abundant. Also called Papa de Monte (?). S + H.

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- SOA 10 - BGRC 27020 S. canense (Basarthrum) 21.02.80 67.35 16.21
Dept. La Paz, prov. Sud Yungas. ± 20 km from Chulumani on road to Pt. Villa, Chaijro village, along Motoncora River, 2 km from bridge main road. Alt.: 1 350 m. In coffee plantage as weed and under dense moist bushes. Small white flowers, berries with green stripes. Healthy plants but some with Meloidogyne. Wild and frequent. Also called Papa de Monte (?). S. + H.
Nematode infections (Root-knot Nematode) on the roots.
- SOA 11 - BGRC 27021 S. canense (Basarthrum) 21.02.80
As SOA 10 but 4 km from bridge. Alt.: 1 400 m. In banana, coffee and citrus plantages. May be P. infestans resistance. Wild and frequent. S + H.
- SOA 12 - BGRC 27022 S. canense (Basarthrum) 21.02.80
As SOA 10 but 6 km from bridge. Alt.: 1 450 m. Rather small berries. Wild and occasional. S + H.
- SOA 13 - BGRC 27023 S. violaceimarmoratum x S. yungasense? 22.02.80 67.51 16.19
Dept. La Paz, prov. Sud Yungas. 62 km from Chulumani on road to La Paz. Alt.: 2 480 m. In farmers field as a weed between stones. Plants ± 1 m high; stem winged; flowers violet. Leaves eaten by insects. Wild and occasional. S + H.
- SOA 14 - S. tuberosum ssp andigena? 22.02.80
As SOA 13. Cultivated? (semi), growing in maize field. Only 2 berries found on soil but without seeds.
- SOA 15 - BGRC 27025 S. violaceimarmoratum or hybrid with yungasense? 22.02.80 67.55 16.16
Dept. La Paz, prov. Sud Yungas. 61 km from Chulumani on road to La Paz. (Tresmarías), down the road along Rio Yerbani. Alt.: 2 400 m. Near river in bush between rocks. Plants more or less as SOA 13. Wild and abundant. S + H.
- SOA 16 - BGRC 27026 S. acaule 24.02.1980 67.26 17.24
Dept. La Paz, prov. Aroma, 11 km from Panduro on road to Caxata. Alt.: 3 980 m. Between grasses and rocks on sandy soil of Altiplano. Rosette plants with many flowers. Wild and frequent. S.
- SOA 17 - BGRC 27027 S. acaule 24.02.1980 67.22 17.13
Dept. La Paz, prov. Loayza, 35 km from Panduro on road to Caxata (Puchuni). Alt.: 4 120. In garden near wall of house. Wild and frequent. S + H.

67.20 17.05

SOA 18 - BGRC 27028 S. acaule 24.02.80
Dept. La Paz, prov. Inquisivi, 68 km from Panduro on road to Quime (before Huana cota village). Alt.: 4 230 m. Growing on roadside between stones near small place. Rosette small plants, violet flowers. Wild and abundant. S. + H.

SOA 19A - BGRC 27029 S. toralapanum 24.02.80 67.19 17.03
Dept. La Paz, prov. Inquisivi, 76 km from Panduro on road to Quime (4 km after Huanacota village). Alt.: 4 040 m. Growing between rocks with S. acaule. Hairy plants with single leaves and large dark violet flowers, berries purple to dark. Wild and frequent. S + H.

SOA 19B - BGRC 27024 S. toralapanum? 24.02.80
As SOA 19A. Green berries and not purple as SOA 19A. Wild and occasional. S.

SOA 20 - BGRC 27030 S. acaule 24.02.80
As SOA 19A. Wild and abundant. S + H.

SOA 21 - BGRC 27031 S. tuberosum ssp. andigena 24.02.80 67.18 17.03
Dept. La Paz, prov. Inquisivi, 79 km from Panduro on road to Quime (7 km after Huanacota village). Alt.: 3 900 m. Cultivated in field with stones. Plants nearly all virus diseased. S.

SOA 22 - BGRC 27032 S. leptophyes 24.02.80
Locality as SOA 21. Near roadside under scrubs and between stones. Plants ± 50 cm; flowers violet; berries with purple stripes. Wild and occasional. S + H.

SOA 23 - S. rossii (ined) or hybrid? 24.02.80
Locality as SOA 21. Alt.: 3 890 m. Near roadside under scrubs and between stones. Wild and rare. Only 2 unripe berries collected which seeds did not germinate. H only.

SOA 24 - BGRC 27034 S. quimense (ined) 24.02.80 67.17 17.03
Dept. La Paz, prov. Inquisivi, 88 km from Panduro on road to Quime (± 10 km before Quime). Alt.: 3 310 m. On slopes among short grasses. Plants ± 25 cm; white flowers. Wild and occasional. S + H.

- SOA 25 - BGRC 27035 S. tuberosum ssp. andigena 25.02.80 67-14 16-53
Dept. La Paz, prov. Inquisivi, 18 km from Inquisivi on road to Circuata (Sita village). Alt.: 2 580 m. In maize field as weed, called Kcoa choque (semi cultivated?). Plants 50 cm high, mainly white flowers but also violet found, pentagonal to stellate flowers, small tubers. Plant virus diseased and eaten by insects. Semi-cultivated and frequent. S + H.
- SOA 26 - S. 25.02.80
Dept. La Paz, prov. Inquisivi, locality as SOA 25. In maize field as a weed. Plants 30 - 40 cm high, white flowers, no berries. Wild and occasional. H only.
- SOA 27 - S. quimense (ined) 25.02.80 67-15 16-51
Dept. La Paz, prov. Inquisivi. 23 km from Inquisivi on road to Circuata. Alt.: 2 820 m. In bush, under scrubs and small trees, very wet place. Plants small, white stellate flowers, leaves glabrous. Wild and occasional. H only.
- SOA 28 - S. quimense (ined) 25.02.80
Locality as SOA 27. Some similarity with SOA 27 but leaves somewhat hairy. White stellate flowers. Wild and rare. H only.
- SOA 29 - S. microdontum ssp. microdontum 25.02.80 67-16 16-50
Dept. La Paz, prov. Inquisivi, 25 km from Inquisivi on road to Circuata. Alt.: 2 810 m. Growing on edge of dense shrubby vegetation where it changes into grassland. Stem with wings and purple stripes, some plants with simple leaves, other with a pair of leaflets; flowers white. Wild and abundant. H only.
- SOA 30 - BGRC 27036 S. quimense (ined) 25.02.80
Locality as SOA 29. Growing in shade of dense vegetation. Leaves glabrous, white stellate flowers, few berries. Wild and frequent. S + H.
- SOA 31 - BGRC 27038 S. quimense (ined) 25.02.80 67-16 16-48
Dept. La Paz, prov. Inquisivi. 9 km from Licoma on road to Inquisivi. Alt.: 2 650 m. Amongst moss in very moist vegetation under trees near river. Leaf pubescent, flowers white, only with some blue in it. Only one berry. Wild and occasional. S + H.

- SOA 32 - S. quimense (ined) 25.02.80 67-14 16.57
Dept. La Paz, prov. Inquisivi, 17 km from Licoma on road to Inquisivi.
Alt.: 2 860 m. Under trees in wet area. Stem somewhat purple; leaves
glabrescent and deep green; one pair of lateral leaflets; flowers white
and stellate. Wild and occasional. H only.
- SOA 33 - S. quimense (ined) 25.02.80 " "
Locality as SOA 32. May be same species as SOA 32, leaves however
yellow-greenish. Wild and rare. H only.
- SOA 34 - S. okadae (ined) 25.02.80 67-14 16.53
Dept. La Paz, prov. Inquisivi, 18 km from Inquisivi on road to Circuata,
16 km (Sita). Alt.: 2 580 m. Flowers white, rotate, no berries. Wild
and frequent. H only.
- SOA 35 - S. tuberosum ssp. andigena? 25.02.80 67-14 16.51
Dept. La Paz, prov. Inquisivi, 16 km from Inquisivi on road to Circuata.
Alt.: 2 500 m. As weed in maize field. Plants growing wild, said tubers
not eaten, flowers purple and pentagonal semi-cultivated and frequent.
H only.
- SOA 36 - S. okadae (ined) 25.02.80 67.15 17.02
Dept. La Paz, prov. Inquisivi, just outside Quime on road to Inquisivi.
Alt.: 3 000 m. On roadside near open field. One pair of lateral leaflets,
flowers white pentagonal. Wild and frequent. H only.
- SOA 37 - S. quimense (ined) 25.04.80 67-14 17.00
Dept. La Paz, prov. Inquisivi, 5 km from Quime on road to Licoma.
Alt.: 2 830 m. Near forest (Eucalyptus trees) between stones. Leaves
pubescent; white stellate to pentagonal flowers. Wild and rare (1 plant),
no berries. H. only.
- SOA 38 - BGRC 27037 S. okadae (ined) 25.02.80 " "
Dept. La Paz, prov. Inquisivi, 6 km from Quime on road to Licoma.
Alt.: 2 830 m. Roadside, deep stony slope, dark rich himiferous soil.
Leaf with one pair of lateral leaflets, flowers white pentagonal.
Wild and abundant. S + H.
- SOA 39 - BGRC 27039 S. okadae (ined) 25.02.80 " "
Dept. La Paz, prov. Inquisivi, 7 km from Quime on road to Licoma.
Alt.: 2 820 m. Roadside near stones. Plants somewhat small; 40 - 60 cm,
one pair of lateral leaflets flowers white pentagonal. Wild and frequent.
S + H.

- SOA 40 - S. soestii (ined) 25.02.80
Locality as SOA 39. Alt.: 2 830 m. Growing between stones. Leaves dark green with three pairs of narrow laterals. Plants, very small, 20 - 30 cm. Flowers white and stellate. Wild and very rare, no berries, H only.
- SOA 41 - S. rossii (ined) 25.02.80
Locality as SOA 39. Alt.: 2 830 m. Growing near stones. Leaf of mcd type, with two pairs of lateral leaflets, pentagonal violet flowers, wild and rare, no berries. H only.
- SOA 42 - BGRC 27040 S. okadae (ined) 25.02.80
Dept. La Paz, prov. Inquisivi. 6 km from Quime on road to Licoma. Alt.: 2 840 m. Growing on rocks near roadside in moist places. Large plants, ± 70 - 80 cm high, white flowers, berries dark green, without spots. Plants eaten by insects. Wild and abundant. S + H.
- SOA 43 - S. quimense (ined) 26.02.80 67.17 17-03
Dept. La Paz, prov. Inquisivi, 4,5 km from Quime on road to Caxata. Alt.: 3 350 m. Growing between stones in moist places. Plants small, 20 - 30 cm high, white stellate flowers, Wild and frequent. H only.
- SOA 44A - BGRC 27041 S. toralapanum 26.02.80 67.24 17.06
Dept. La Paz, prov. Loayza; Caxata junction, road to Araca, 7 km from junction. Alt: 4 110 m. Between grasses and stones on slopes. Stems very hairy, purple/violet flowers, berries somewhat ovale and light to dark green. Wild and abundant. S + H.
- SOA 44 Mixed - BGRC 28465 Mixture of S. megistacrolobum/S. toralapanum 26.02.80
Locality as SOA 44. Between grasses and stones on slopes. Probably mixture as great variation in hairyness of leaves and form of the berries. Wild and abundant. S.
- SOA 45A - BGRC 27042 S. megistacrolobum 26.02.80
Locality as SOA 44. Some hybrids between mga and tor. found under this accession. Wild and abundant. S + H.
- SOA 45B - BGRC 27043 S. toralapanum 26.02.80
Locality as SOA 44. Wild and abundant. S.
- SOA 45C - BGRC 27044 S. megistacrolobum x S. toralapanum 26.02.80
Locality as SOA 44. Probably beside hybrids also some true mga and tor under this number. Wild and frequent. S + H.

- SOA 46 - BGRC 27045 S. acaule 26.02.80 11
Dept. La Paz, prov. Loayza; 7 km from Caxata junction in direction to Araca. Alt.: 4 110 m. Wild and abundant. S.
- SOA 47 - BGRC 27046 S. toralapanum 26.02.80 67.24 17.05
Dept. La Paz, prov. Loayza; 8 km from Caxata junction in direction to Araca. Alt.: 4 140 m. Amongst grasses and stony slopes. Dense whitish hispid pubescence, rosette habit, berries tending not to show clearly marked white spots. Wild and abundant. S + H.
- SOA 48 - BGRC 27047 S. megistacrolobum? 26.02.80 11
Locality as SOA 47. Not very hairy, rosette habit, berries tending to have white spots. May be introgression with SOA 47. Wild and abundant. S.
- SOA 49 - BGRC 27048 S. tuberosum ssp. andigena 27.02.80 67.33 16.56
Dept. La Paz, prov. Loayza; 8 km from Vilaco on road to Tanapaca. Alt.: 3 800 m. In field among stones. Pink to purple flowers, round green berries. Berries probably open pollinated of two varieties, one with pink and the other one with purple flowers. Cultivated and plants virus diseased. S.
- SOA 50 - BGRC 27049 S. tuberosum ssp. andigena 27.02.80 67.34 16.56
Dept. La Paz, prov. Loayza; 11 km from Vilaco on road to Tanapaca. Alt.: 3 660 m. One uniform variety with blue purple flowers, Cultivated. S.
- SOA 51 - S. 27.02.80 11
Locality as SOA 50. Outside field under scrubs. Plants up to 35 cm, leaves hairy, flowers white, stellate. Wild and occasional. H only.
- SOA 52 - S. sparsipilum 27.02.80 67.36 16.58
Dept. La Paz, prov. Loayza, 20 km from Vilaco, on road to Tanapaca, on compound mission station near Tanapaca. Alt.: 3 250 m. Growing in garden among flowers (possibly remains of cultivated potatoes?). Pale greenish leaves; interjected leaflets present, no flowers or berries. Wild and occasional. H only.

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- SOA 53 - BGRC 27050 S. acaule 29.02.80 67.48 17.12
Dept. La Paz, prov. Aroma, 17 km from Pata camaya on road to Luribay.
Alt.: 3 900 m. Growing among stones near field. Wild and frequent.
S + H.
- SOA 54 - BGRC 27051 S. acaule 29.02.80 67.42 17.07
Dept. La Paz, prov. Loayza, 27 km from Pata camaya on road to Luribay.
Alt.: 4 020 m. Growing near houses. Wild and frequent. S + H.
- SOA 55 - BGRC 27052 S. acaule 29.02.80 67.41 17.07
Dept. La Paz, prov. Loayza, 31 km from Pata camaya on road to Luribay.
Alt.: 3 970 m. Growing in valley amongst rocks. Wild and frequent.
S + H.
- SOA 56 - BGRC 27053 S. pachytrichum? 29.02.80 " "
(Some acaule plants found in this accession, SOA 55?)
Locality as SOA 55. Alt.: 3 980 m. On roadside and under scrubs in
xerophytic vegetation. Very variable collection; narrow leaflets;
flowers purple, pentagonal; berries with many white spots (one berry
only). Wild and rare. S + H.
- SOA 57 - BGRC 27054 S. leptophyes 29.02.80 " "
Locality as SOA 55. Alt.: 3 980 m. Growing near water places and field.
Plants up to 80 cm high, leaves hairy, 2 - 3 pairs of lateral leaflets"
flowers violet, pentagonal; berries green. Wild and occasional. S + H.
- SOA 58 - BGRC 27055 S. toralapanum 29.02.80 67.40 17.07
Dept. La Paz, prov. Loayza, 28 km from Patacamaya on road to Luribay.
Alt.: 4 100 m. On a hill among stones and scrubs. Rather large leaves
(± 30 cm), hairy plants, green berries without white spots. Wild and
rare, few berries. S.
- SOA 59 - BGRC 27056 S. acaule 03.03.80 68.40 15.56
Dept. La Paz, prov. Omasuyos, 17 km from Achacachi on road to Sorata.
Alt.: 4 100 m. Among stones. Wild and frequent. S + H.
- SOA 60 - S. achacachense 03.03.80 68.39 15.55
Dept. La Paz, prov. Omasuyos, 21 km from Achacachi on road to Sorata.
Alt.: 4 140 m. Roadside, near small stream, moist area. Leaves dark
green and somewhat purple on the underfaces. Purple to violet penta-
gonal flowers, articulation visible. No berries found also flowers

present. Plants may be hybrids between S. acaule and diploid species, thus being sterile triploids. Wild and occasional. T + H. Tubers given to IBTA, Toralapa.

- SOA 61 - BGRC 27057 S. tuberosum ssp. andigena? 04.03.80 ^{68.40} ^{15.43}
Dept. La Paz, prov. Larecaja, Higher altitude road to Tacacoma, 2 km from Sarota to Tacacoma. Alt.: 2 650 m. In maize field, could be remainders of earlier cultivation. Vernacular name Lelecoya (see also SOA 70) Susceptible against late blight (P. infestans). Semi-cultivated and frequent. S.
- SOA 62 - BGRC 27058 S. circaeifolium 04.03.80 ^{68.37} ^{15.40}
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 12 km from Sorata to Tacacoma. Alt.: 3 300 m. Growing on a steeply wall near roadside among small scrubs. No hairs on leaves, white stellate flowers. Wild and occasional. S + H.
- SOA 63 - S. candolleanum 04.03.80 ^{68.36} ^{15.39}
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 17,5 km from Sorata to Tacacoma. Alt.: 3 680 m. Growing on slopes near roadside under shrubs. Plants up to 1 m high; stems with some violet pigmentation, winged; leaves hairy; flowers large violet, pentagonal. Wild and frequent. H only.
- SOA 64 - S. candolleanum 04.03.80 ^{68.35} ^{15.38}
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 22 km from Sorata to Tacacoma. Alt.: 4 000 m. Growing among rocks and grasses. Description as SOA 63. Only few unripe seeds collected. Wild and frequent. H only.
- SOA 65 - S. candolleanum 04.03.80 ^{68.35} ^{15.38}
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 23 km from Sorata to Tacacoma. Alt.: 3 980 m. Growing among rocks and grasses. Description as SOA 63. No berries collected. Wild and frequent. H only.
- SOA 66 - BGRC 27061 S. acaule 04.03.80 ^{68.34} ^{15.37}
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 27 km from Sorata to Tacacoma. Alt.: 4 060 m. Growing on roadside among stones. Wild and frequent. S.

- SOA 67 - S. candolleanum 04.03.80 68.33 15.35
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 39 km from Sorata to Tacacoma. Alt.: 3 620 m. Growing under trees in moist places. Description as SOA 63. Only few unripe seeds collected. Wild and frequent. H only.
- SOA 68 - BGRC 27063 S. candolleanum 04.03.80 68.33 15.35
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 40,5 km from Sorata to Tacacoma. Alt.: 3 560 m. Under trees, among stones in moist areas. Description as SOA 63. Berries with purple calyx and a few white spots and some purple stripes. Wild and frequent. S + H.
- SOA 69 - S. candolleanum 04.03.80 68.33 15.35
Dept. La Paz, prov. Larecaja. Higher altitude road to Tacacoma, 38 km from Sorata to Tacacoma. Alt.: 3 680 m. On roadsides. Description as 63. Some plants with hairy stems. Wild and occasional. H only.
- SOA 70 - S. tuberosum ssp. andigena? 05.03.80 68.40 15.45
Dept. La Paz, prov. Larecaja, near Sorata. Alt.: 2 700 m. As weed in maize field. Commonly not cultivated weed around Sorata called Lelecoya. Sometimes eaten but only after long boiling. Said to be very drought resistant but susceptible against late blight (P. infestans). Also heavily attacked by insects. Semi-cultivated - frequent. H only.
- SOA 71 - BGRC 27064 S. tuberosum ssp. andigena 05.03.80 68.44 15.35
Dept. La Paz, prov. Larecaja, lower altitude road to Tacacoma, 43 km from Sorata to Tacacoma. Alt.: 2 840 m. Growing in field with cucumbers. Affected by late blight and insects. Said to be Papa negre. Cultivated and abundant. S.
- SOA 72 - BGRC 27065 S. tuberosum ssp. andigena 05.03.80 68.44 15.37
Dept. La Paz, prov. Larecaja, lower altitude road to Tacacoma, 30 km from Sorata to Tacacoma. Alt.: 2 320 m (Tintilaya village). Field near river. Most plants dead, susceptible to late blight. Purple flowers said to be Papa Semina. Cultivated and abundant. S + H.
- SOA 73 - BGRC 27066 S. circaeifolium 05.03.80 68.40 15.47
Dept. La Paz, prov. Larecaja. 5 km from Sorata on road to Achachachi. Alt.: 2 800 m. Roadside near maize field. Plant glabrous, white stellate flowers. Wild and rare (one berry collected). S + H.

- SOA 74 - BGRC 27067 S. tuberosum ssp. andigena 06.03.80 ^{68.43 15.56}
Dept. La Paz, prov. Omasuyos, 17 km from Achacachi on road to Escoma.
Alt.: 3 800 m. In field, sandy clay. Mixtures of varieties but Yana imilla most common. Plants virus affected. Cultivated and abundant. S.
- SOA 75 - BGRC 27068 S. canasense 06.03.80 ^{69.05 15.37}
Dept. La Paz, prov. Camacho. 9 km from Escoma on road to Italaque.
Alt.: 3 850 m. Growing on rocks not on flat land, where probably eaten by animals. Stems with wings and some anthocyanin, leaves with 3 pairs of laterals; no flowers, berries ovate with purple stripes. Wild and frequent. S + H.
- SOA 76 - BGRC 27069 S. curtilobum segregation 06.03.80 ^{69.05 15.33}
Dept. La Paz, prov. Camacho, 15 km from Escoma on road to Italaque (Chicoma village). Alt.: 3 900 m. Cultivated and abundant. Vernacular name: Lloco. S.
- SOA 77 - BGRC 27070 S. tuberosum ssp. andigena 06.03.80 ^{69.04 15.24}
Dept. La Paz, prov. Camacho, Italaque town. Alt.: 3 570 m. Pink flowers, variety called Papa negro, disease symptoms of late blight and affected by insects. Cultivated and abundant. S.
- SOA 78 - BGRC 27071 S. tuberosum ssp. andigena? 06.03.80 " "
Locality as SOA 77. Growing as weed in fields, probably remainder of former cultivation. Vernacular name: Taihua. Said to have large tubers and occasionally eaten by poor people. Plants with blue-violet flowers and large berries with white points, 2 - 4 lateral leaves. Tubers red, black or white. "Semi"-cultivated and occasional. S + H.
- SOA 79 - BGRC 27072 S. tuberosum ssp. andigena? 06.03.80 ^{69.03 15.24}
(In this accession probably also some S. stenotomum).
Dept. La Paz, prov. Camacho. Just outside Italaque on road to Mocomoco.
Alt.: 3 510 m. Field near river. Some plants in multiple cropping, flowers purple. Only one good berry. Plants attacked by P. infestans, viruses and insects. S.
- SOA 80 - S. tuberosum ssp. andigena? 06.03.80 ^{69.05 15.37}
Dept. La Paz, prov. Camacho. 8 km from Escoma on road to Italaque.
Alt.: 3 840 m. Cultivated. No seeds only unripe berries collected. Cultivated and frequent.

- SOA 81 - BGRC 27074 S. acaule 07.03.80 68.47 15.52
Dept. La Paz, prov. Omasuyos. 8 km from Umacha (on road Achacachi - Ancoraines) on road to Ambana. Alt.: 3 920 m. On roadside near house among stones. Wild and frequent. S.
- SOA 82 - BGRC 27075 S. acaule 07.03.80 68.51 15.49
The herbarium material shows some hybridisation with megistacrolobum. Dept. La Paz, prov. Omasuyos, 14 km from Umacha on road to Ambana. Alt.: 4 010 m. Among rocks near roadside. Berries somewhat variable in form, some with other without white spots. Probably some hybrids (acl x mga) under these collections. Wild and abundant. S + H.
- SOA 83 - BGRC 27076 S. acaule 07.03.80 68.52 15.48
Dept. La Paz, prov. Omasuyos, 16 km from Umacha on road to Ambana. Alt.: 4 090 m. Growing along roadside. Rather large plants for acaule, each plant with a large number of berries, some with more or less black parts. Wild and abundant. S.
- SOA 84 - BGRC 27077 S. acaule 07.03.80 68.55 15.44
Dept. La Paz, prov. Omasuyos, 30 km from Umacha on road to Ambana. Alt.: 4 250. Growing on slopes of mountain together with S. achachasense. Wild and abundant. S.
- SOA 85 - S. achacachense 07.03.80 "
Locality as SOA 84. Growing between grasses and stones with acaule. Small plants up to 20 cm, with basal leaf rosette, 2 - 3 pairs of laterals, leaflets, some dark green, purple pentagonal flowers, articulation visible. No berries found but many flowers present (sterile hybrid?). Wild and frequent. T + H. Tubers given to IBTA, Toralapa.
- SOA 86 - BGRC 27078 S. candolleianum? 07.03.80 68.56 15.37
Dept. La Paz, prov. Omasuyos, 36 km from Umacha on road to Ambana. Alt./ 3 680 m. As a weed in fields, sometimes eaten (Vernacular name Taihua). Flowers blue violet. "Semi"-cultivated (?) and occasional. S + H.
- SOA 87 - BGRC 27079 S. tuberosum ssp. andigena? 08.03.80 68.43 16.11
Dept. La Paz, prov. Omasuyos, 20 km from Huarina on road to Tiquina. One plant in barley field. Cultivated (?) and rare. S.

3900 m.

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- SOA 88 - BGRC 27080 S. leptophyes 08.03.80 ^{63.52 16.14}
Dept. La Paz, prov. Manco Kapac (Copacabana?), 1 km from Tiquina on road to Copacabana. Alt.: 3 860 m. Growing on roadside on a patch of red soil with stones. Younger plants more hairy and with darker leaves than the older ones; flowers violet pentagonal. Wild and frequent. S + H.
- SOA 89 - BGRC 27081 S. tuberosum ssp. andigena 08.03.80 ^{68.54 16.13}
Dept. La Paz, prov. Manco Kapac, 6 km from Tiquina on road to Copacabana. Alt.: 3 930 m. Field on slopes. Plants with yellow leaves and large yellow/green berries. Plants virus diseased. Cultivated and abundant. S.
- SOA 90A - BGRC 27082 S. tuberosum ssp. andigena 08.03.80 "
Locality as SOA 89. Alt.: 3 940 m. Field on slopes. Another variety than SOA 89. Plants with dark green narrow leaves, berries dark-green. Cultivated and abundant. S.
- SOA 90B - BGRC 27073 S. tuberosum ssp. andigena? 08.03.80 "
Probably also some seed of S. stenotomum under this number. Locality as SOA 89. Alt.: 3 930 m. Wild and frequent. S.
- SOA 91 - BGRC 27083 S. tuberosum ssp. andigena? 09.03.80 ^{69.05 16.09}
Dept. La Paz, prov. Manco Kapac, outskirts of Copacabana. Alt.: 3 890 m. As weed occasional in wild vegetation, probably escape of cultivation. S.
- SOA 92 - BGRC 27084 S. acaule 09.03.80 ^{69.05 16.15}
Peru. Dept. Puno, prov. Chucuito. Plaza in Yunguyo (bordertown Peru/Bolivia). Alt.: 3 800 m. Growing as weed among trees and plants in Plaza. Not very typical acaule, plants erect up to 40 cm, berries not laying on the soil but at \pm 20 cm. Wild and frequent. S.
- SOA 93 - S. tuberosum ssp. andigena? 09.03.80 "
Locality as SOA 92. Growing in Plaza as weed, Plants up to 50 cm, no flowers and berries. Small tubers, somewhat purple. Cultivated? and frequent. T only. Tubers given to IBTA, Toralapa.
- SOA 94A - BGRC 27085 S. tuberosum ssp. andigena 09.03.80 "
Peru, Dept. Puno, prov. Chucuito. Outskirts of Yunguyo on road to Copacabana. Alt.: 3 800 m. Variety called Chali with white flowers. Cultivated and abundant. S.

- SOA 103 - S. brevicaule 18.02.80 " "
Locality as SOA 102. Flowers purple and rotate. Wild and occasional.
H only.
- SOA 104 - S. toralapanum 18.02.80 " "
Locality as SOA 102. Plants hairy with large dark violet flowers.
Wild and occasional. H only.
- SOA 105 - S. toralapanum? 18.02.80 " "
Locality as SOA 102. Plants rosette forming, not so hairy as SOA 104.
Wild and occasional. H only.
- SOA 106 - S. yungasense 20.02.80 67.45 16.08
Dept. La Paz, prov. Nor Yungas, Coroico, wide spread on the compound
of "Trabajado de Comercio Colonial". Alt.: 1 700 m. Growing in garden.
White stellate flowers. Wild and abundant. H only.
- SOA 107 - S. rossii (ined) 24.02.80 67.19 17.05
Dept. La Paz, prov. Inquisivi, 78 km from Panduro on road to Quime
(6 km after Huanacota village). Alt.: 3 890 m. Growing under scrubs.
Leaves with 3 pairs of lateral leaflets, not interjected; violet to
purple flowers. Wild and rare. One H only.
- SOA 108 - S. toralapanum? 24.02.80 " "
Locality as SOA 107. Growing among grasses and rocks. Large leaves,
plants hairy, large dark violet (purple) flowers. Wild and occasional.
H only.
- SOA 109 - S. okadae (ined) 25.02.80 67.12 16.59
Dept. La Paz, prov. Inquisivi, 12 km from Quime on road to Inquisivi
(Calacaya). Alt.: 3 000 m. Roadside near forest (Eucalyptus trees).
White stellate to pentagonal flowers. Wild and occasional. H only.
- SAL 110 - S. yungasense? 12.03.80 67.54 16.45
Dept. La Paz, prov. Murillo, 42 km from La Paz on road along the
Zongo Valley, near Cahua. Alt.: 1 450 m. Growing under coffee and
bananas as a weed. No flowers, but said to be white; no berries
Tubers up to 4 cm, round-oval to oval, flesh yellow-white. Tubers
given to IBTA, Toralapa, Bolivia.

Cohore

- 68.06 16.32
- SAL 111 - BGRC 27090 S. tuberosum ssp. andigena? 12.03.80
Dept. La Paz, prov. Murillo, below La Paz, on road to Palca (Ovejuyo), near Instituto Nacional de Biología Animal. Alt.: 3 570 m. Small potato field in garden. Plants with virus symptoms. Cultivated and frequent. S.
- SAL 112 - BGRC 27091 S. tuberosum ssp. andigena 12.03.80
Dept. La Paz, prov. Murillo, below La Paz, on road to Palca, 2 km from Instituto Nacional de Biología Animal. Alt.: 3 700 m. Potato field with many stones. Plants with virus symptoms. Cultivated and abundant. S.
- SAL 113 - BGRC 27092 S. tuberosum ssp. andigena 12.03.80
Locality as SAL 112. In same field but one plant of another variety with black berries. Cultivated and rare. S.
- SAL 114 - BGRC 27093 S. tuberosum ssp. andigena? 12.03.80
Locality as SAL 112. In same field but another variety with purple to black berries. Cultivated and rare. S.
- SAL 115 - BGRC 27094 S. acaule 12.03.80 68.02 16.33
Dept. La Paz, prov. Murillo, on road to Palca, 10 km from Instituto Nacional de Biología Animal. Alt.: 3 920 m. Growing on roadside. Wild and frequent. S.
- SAL 116 - BGRC 27095 S. toralapanum 12.03.80 67.59 16.34
Dept. La Paz, prov. Murillo, on road to Palca, 23 km from Instituto Nacional de Biología Animal. Side road, 1 km from main road into mountains. Alt.: 3 970 m. Growing among stones near a potato field. Some plants with leaves of 30 - 40 cm in length. Wild and frequent. S + H.
- SAL 117 - BGRC 27096 S. toralapanum 12.03.80
Locality as SAL 116 but higher in the mountains. Alt.: 3 990 m. Growing near a potato field. Plants attacked by insects. Wild and frequent. S + H.
- SAL 118 - BGRC 27097 S. toralapanum 12.03.80
Locality as SOA 116 but higher in the mountains. Alt.: 4 010 m. Growing on slopes, near forest. Leaves somewhat larger than SOA 118. Plants attacked by insects. Wild and frequent. S + H.

- SAL 119 - BGRC 27098 S. tuberosum ssp. andigena 12.03.80 " "
Locality as SOA 116 but in fields near main road. Alt.: 3 790 m.
Variety called Paco imilla, white flowers and black tubers. Plants
with virus symptoms. Cultivated and abundant. S.
- SAL 120A - BGRC 27099 S. sparsipilum x S. leptophyes 68.06 16.33 13.03.80
Dept. La Paz, prov. Murillo, road from La Paz to Mecapaca, Aranjuez,
1 km past the Instituto Biblico Nazareno, garden of the Vivero Forestal.
Alt.: 3 190 m. Growing as a weed amongst flowers near river.
Probably not all plants hybrids. S.
- SAL 120B - BGRC 27060 S. sparsipilum 13.03.80 " "
Probably some introgression of S. leptophyes.
Locality as SAL 120A. Plants up to 60 cm high with winged stems, 3 - 4
pairs of lateral leaflets, interjecteds, and pentagonal violet flowers.
Some berries with white spots. Wild and frequent. S + H.
- SAL 121 - BGRC 27100 S. leptophyes 13.03.80 " "
Locality as SAL 120 but on the other side of the road higher up in
the mountains. Alt.: 3 350 m. Growing among rocks in a kind of clay.
Stem winged, 2 - 3 interjected leaflets; dark violet pentagonal flowers;
berries somewhat conical. Wild and frequent. S + H.
- SAL 122 - BGRC 27101 S. leptophyes 13.03.80 " "
Locality as SOA 121 but higher up in the mountains. Alt.: 3 350 m.
Growing among rocks in dryer areas as SAL 121. Small plants (\pm 20 cm);
leaves with 2 - 3 pairs of laterals and some interjecteds; no flowers;
oval light green berries. Wild and frequent. S + H.
- SAL 123 - BGRC 27102 S. tuberosum ssp. andigena 68.02 16.41 13.03.80
Dept. La Paz, prov. Murillo, outskirts Mecapaca. Alt.: 2 850 m.
Growing under citrus trees in fertile clay. Probably different
varieties. Flowers, white, purple and violet. Cultivated and frequent.
S.
- SAL 124 - BGRC 27103 S. sparsipilum 13.03.80 " "
Dept. La Paz, prov. Murillo, Mecapaca (\pm 23 km from La Paz). Alt.:
2 870 m. Three plants, growing between andigena. Plants up to 60 cm;
leaves with 3 - 4 pairs of lateral leaflets, flowers violet; small
berries. S.

SAL 125A - S. stenotomum 13.03.80 " "
Dept. La Paz, prov. Murillo, Mecapaca. Alt.: 2 850 m. Only one plant found in cultivation. No berries, only one herbarium. Rare.

SAL 125B - BGRC 27104 S. tuberosum ssp. andigena 13.03.80 68.07 16.32
Dept. La Paz, prov. Murillo, Golf Club near La Paz on road to Mecapaca, Alt.: 3 300 m. Probably more than one variety, plants with white and violet flowers. Plants with virus symptoms. Cultivated and abundant. S.

plant under La Paz.

SAL 126 - BGRC 27106 S. leptophyes? 13.03.80 68.09 16.38
Dept. La Paz, prov. Murillo, near road to Mecapaca, cactus garden (collection) near road. Alt.: 3 290 m. Growing under bushes in cactus garden; large specimen found in wet ditch. In general small plants (20 cm) but also some larger plants; some wings on stems; leaves with 2 - 3 pairs of laterals, hairy on both sides; no flowers; oval to round berries. S + H.

SAL 127 - BGRC 27107 S. megistacrolobum 14.03.80 67.29 17.32
Dept. La Paz, prov. Aroma, 3,5 km from Panduro on road to Eucaliptus. Alt.: 3 840 m. Growing along roadside and under scrubs. Small rosette forming plants but also some more erected (10 - 30 cm high). 1 pair of laterals and rather larger terminal leaf. Flowers violet and semi-stellate. Wild and frequent. S + H.

SAL 128 - BGRC 27108 S. acaule 14.03.80 " "
Locality as SAL 127. Growing near roadside in open. S + H.

SAL 129A - BGRC 27109 S. gourlayi? 14.03.80 67.31 17.39
Dept. Oruro, prov. Cercado, 6 km from Eucaliptus on road to La Joya (along Rio Desaguadero). Alt.: 3 700 m. Growing on edges of potato field near house. Plant up to 30 cm high, stems with small wings, 2 - 3 pairs of lateral leaflets. Flowers purple to violet, pentagonal. Wild and occasional. S + H.

SAL 129B - BGRC 27110 S. leptophyes? 14.03.80 " "
Locality as SAL 129A. More or less the same as SAL 129A but much darker leaves, berries purple to black. No flowers seen. Wild and rare. S + H.

- SAL 130 - BGRC 27111 S. tuberosum ssp. andigena 14.03.80
Locality as SAL 129A. Collected in field and thought to be andigena. However, plants grown in 1980 are more leptophyes/gourlayi like. In 1981 9 plants andigena. Plants damaged by frost. Berries yellow-green. Cultivated (?) and frequent. S.
- SAL 131 - BGRC 27112 S. curtilobum segregation 14.03.80
Locality as SAL 129A. Collected in field with SAL 130. Some damage of frost observed. Plants with purple flowers. Cultivated and occasional. S.
- SAL 132 - BGRC 27113 S. tuberosum ssp. andigena 14.03.80
Locality as SAL 129A. Collected in field with SAL 130 and 131. Plants damaged by frost. Berries dark green towards black. Cultivated and abundant. S.
- SAL 133 - BGRC 27114 S. megistacrolobum 14.03.80 66.59 17.39
Dept. Oruro, prov. Cercado. 28 km from Caracollo on road to Cochabamba (near Leque Palca). Alt.: 3 940 m. Growing among stones and grasses near river. Small rosette forming plants (10 - 20 cm); flowers violet and semi-stellate. Wild and abundant. S + H.
- SAL 134 - BGRC 27115 S. toralapanum 17.03.80 65.32 17.26
Dept. Cochabamba, prov. Arani, rd. Cochabamba to Santa Cruz, 76 km from Cochabamba, Coari village (\pm 10 km from Toralapa Research Station in direction Santa Cruz). Alt.: 3 800 m. Growing near cultivation. Hairy plants. Wild and frequent. S.
- SAL 135 - S. brevicaule or S. sparsipilum 19.03.80 66.26 17.36
Dept. Cochabamba, prov. Quillacollo, on the new Cochabamba - Oruro road, 13 km from Parotani toll gate (\pm 50 from Cochabamba). Alt.: 3 000 m. Growing on road side in sandy soil among stones. Some plants up to 60 cm, others 20 - 30 cm, stems with narrow wings; leaves with 2 - 3 pairs of lateral and small interjected leaflets. Wild and occasional. H only.
- SAL 136 - BGRC 27117 S. toralapanum 19.03.80 66.30 17.40
Dept. Cochabamba, prov. Arque, ca. 90 km from Cochabamba on road to Oruro, Sajaai (junction old and new road). Alt.: 3 760. Roadside among rocks with acaule, brevicaule and capsicibaccatum. Plants hairy and eaten by goats. Material grown in Braunschweig and under collection

- SLC 144 - BGRC 27126 S. acaule 20.03.80 67.32 17.46
④ Dept. Oruro, prov. Cercado, 8 km from La Joya on road to Lajma
(between Llanquera and Eucaliptus). Alt.: 3 680 m. Growing in field
amongst potatoes and grasses. One berry only. Wild and frequent. S.
- SLC 145A - BGRC 27127 S. gourlayi? 20.03.80 67.32 17.47
Dept. Oruro, prov. Cercado, 2 km from La Joya on road to Lajma.
Alt.: 3 680 m. Growing among rocks. Stems hairy with some small wings;
3 pairs of lateral leaflets and sometimes interjected leaflets; violet
flowers. Wild and frequent. S + H.
- SLC 145B - BGRC 27128 S. gourlayi? 20.03.80
Locality as SLC 145A. Probably some species as SLC 145A, however,
plants (particularly stem and berries) with violet pigmentation.
Wild and frequent. S + H.
- SLC 146 - BGRC 27129 S. gourlayi/leptophyes complex 20.03.80
Locality as SLC 145A. Plants without wings, 3 - 4 lateral leaflets,
leaves dark green. Plants with pigmentation. No flowers seen.
Possibly same species as SLC 145A. Wild and occasional. S + H.
- SLC 147 - BGRC 27130 S. acaule 21.03.80 68.49 16.35
Dept. La Paz, prov. Los Andes, road from La Paz to Guaqui, 33 km from
El Alto (Tambillo). Alt.: 3 750 m. Growing near houses among weeds.
Wild and occasional. S.
- SLC 148 - BGRC 27131 S. acaule 21.03.80 68.42 16.34
Dept. La Paz, prov. Ingavi, Tiwanacu (Inca ruins). Growing among
grasses. Wild and abundant. S. 3800 m
- SLC 149 - BGRC 27132 S. tuberosum ssp. andigena? 21.03.80 68.46 16.30
Dept. La Paz, prov. Ingavi, road Tiwanacu to Taraco (Pillapi village).
Alt.: 3 820 m. Berries found on the street. Probably remainders of
potato fodder for animals. Cultivated (Sani Milla?). S.
- SLC 150 - BGRC 27133 S. acaule 21.03.80
Locality as SLC 149. Growing in garden with small plants of another
wild potato species (canasense?). Wild and occasional. S.

- SLC 151 - BGRC 27134 S. tuberosum ssp andigena? 21.03.80 68.40 16.32
Dept. La Paz, prov. Ingavi, 14 km from Taraco on road to Tambillo.
Alt.: 3 830 m. Field with more than one variety. Plants showing
virus symptoms and damaged by frost. Cultivated and abundant. S.
- SLC 152 - BGRC 27135 S. acaule 22.03.80 68.22 16.46
Dept. La Paz, prov. Ingavi, 18 km from Viacha on road to Nazacara.
Alt.: 4 100 m. Growing in potato field. Wild and occasional. S.
- SLC 153 - BGRC 27136 S. acaule 22.03.80 68.29 16.53
Dept. La Paz, prov. Ingavi, 35 km from Viacha on road to Nazacara.
Alt.: 4 200 m. Growing in potato field. Wild and abundant. S.
- SLC 154 - BGRC 27137 S. megistacrolobum 22.03.80 68.30 16.55
Dept. La Paz, prov. Ingavi, 38 km from Viacha on road to Nazacara.
Alt.: 4 100 m. Growing together with acl. Wild and abundant. S + H.
- SLC 155 - BGRC 27138 S. acaule 22.03.80
Locality as SLC 154. Wild and abundant. S.
- SLC 156 - BGRC 27139 S. acaule 22.03.80 68.49 16.53
Dept. La Paz, prov. Ingavi, 79 km from Viacha on road to Jesus Machaca
and passing Nasacara. Alt.: 3 850 m. Growing near wheat fields. Wild
and frequent. S.
- SLC 157 - BGRC 27140 S. acaule 22.03.80 68.50 16.45
Dept. La Paz, prov. Ingavi, Jesus de Machaca (97 km from Viacha).
Alt.: 3 800 m. Growing in fence of stones. Wild and frequent. S.
- SLC 158 - BGRC 27141 S. tuberosum ssp. andigena 22.03.80 68.54 16.39
Dept. La Paz, prov. Ingavi, ± 15 km from Jesus de Machaca on road
to Guaqui. Alt.: 3 800 m. Potato field among barley cultivation.
Plants with virus symptoms and frost damage. S.
- SLC 159 - BGRC 27142 S. sparsipilum 22.03.80 69.01 16.33
Dept. La Paz, prov. Ingavi; 2,5 km from Desaguadero on road to
Guaqui. Alt.: 3 790 m. Growing together with megistacrolobum on
stone fences and on slopes of crop fields. Wild and frequent. S + H.
(some megistacrolobum found in this accession, probably SLC 160).

- SLC 160 - BGRC 27143 S. megistacrolobum 22.03.80
Locality as SLC 160. Wild and abundant. S + H.
- SLC 161 - BGRC 27144 S. megistacrolobum 22.03.80 69.02 16.33
Dept. La Paz, prov. Ingavi; just outside Desaguadero (1 km),
Alt.: 3 800 m. On slope above the lake. Wild and abundant. S.
- SLC 162 - BGRC 27145 S. tuberosum ssp. andigena 22.03.80 69.01 16.33
Dept. La Paz, prov. Ingavi, 3 km from Desaguadero on road to Guaqui.
Alt.: 3 800 m. Growing close to potato fields over fences.
Vernacular name: Kheni. "Semi" primitive and frequent. S.
- SLC 163 - S. megistacrolobum hybrid 22.03.80 69.02 16.33
Dept. La Paz, prov. Ingavi, 1 km from Desaguadero on the road to
La Paz. Alt.: 3 800 m. Growing on the slopes of hills together with
megistacrolobum^x. Wild and frequent. H. only. ^xProbably hybrid with
sparsipilum or leptophyes.
- SLC 164 - BGRC 27146 S. acaule 24.03.80 68.27 16.51
Dept. La Paz, prov. Ingavi, 60 km from La Paz on the road to Corocoro,
before Comanche. Alt.: 3 940 m. Growing among grasses. Wild and
occasional. S.
- SLC 165 - BGRC 27147 S. acaule 24.03.80 67.30 18.05
Dept. Oruro, prov. Carangas, road from Oruro to Toledo and thereafter
to Llanquera, 56 km. Alt.: 3 620 m. Growing in shade of houses.
Wild and frequent. S.
- SLC 166 - BGRC 27148 S. acaule 24.03.80 68.25 17.05
Dept. La Paz, prov. Pacajes, 73 km from La Paz on road to Corocoro
(± 3 km after Comanche). Alt.: 4 090 m. Growing on slopes among
grasses. A large number of plants damaged by frost. Wild and abundant.
S.
- SLC 167 - BGRC 27149 S. megistacrolobum 24.03.80 68.29 17.10
Dept. La Paz, prov. Pacajes, 88 km from La Paz on road to Corocoro.
Alt.: 4 000 m. Growing under scrubs among grasses. Some plants
somewhat hairy. Wild and frequent. S.

= 18 km after Comanche

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- SLC 168 - BGRC 27150 S. acaule 24.03.80 " "
Locality as SLC 167. Growing together with megistacrolobum (SLC 167).
Wild and frequent. S.
- SLC 169 - BGRC 27151 S. acaule 24.03.80 68.29 17.11
Dept. La Paz, prov. Pacajes, 90 km from La Paz on road to Corocoro.
Alt.: 3 960 m. Growing among grasses and stones. Wild and abundant. S.
- SA 170 - BGRC 27152 S. toralapanum 25.03.80 67.14 17.04
Dept. La Paz, prov. Inquisivi, 69 km from Panduro on road to Quime, just
after Huanacota. Alt.: 4 110 m. Growing among stones with acaule. Leaves
and stems hairy; flowers large; berries purple with white spots. Wild
and frequent. S + H.
- SA 171 - BGRC 27153 S. acaule? 25.03.80 " "
Locality as SLC 170. Growing among stones. Plants somewhat hairy.
First identified as acaule. However, leaves rather large for acaule,
may be hybrid with toralapanum, white spots on berries, no flowers
found. Wild and occasional. S + H.
- SA 172 - BGRC 27154 S. rossii (ined) 25.03.80 67.18 17.03
Dept. La Paz, prov. Inquisivi, 73 km from Panduro on road to Quime,
5 km after Huanacota. Alt.: 3 910 m. Growing on rocks and on dead
trees also under scrubs, many young seedlings around. Plants 20 - 50 cm
high, leaves with 2 or sometimes 3 pairs of lateral leaflets and some
small interjected leaflets and wings; flowers violet, berries almost
green, often splitting open. Wild and abundant. S + H.
- SA 173 - BGRC 27155 S. toralapanum? 25.03.80 " "
Locality as SA 172. Stems with white long hairs (2 - 3 mm), purple
to black berries. Wild and frequent. S.
- SA 174 - BGRC 27156 S. rossii? (ined) 25.03.80 " "
Dept. La Paz, prov. Inquisivi, 74 km from Panduro on road to Quime.
Alt.: 3 800 m. Growing near river, among stones and scrubs. Less
pigmentation on stem than SA 175. Terminal leaflets oval, 2 - 3 pairs
of laterals; interjected leaflets present. Wild and abundant. S + H.
- SA 175 - BGRC 27157 S. rossii? (ined) 25.03.80 " "
Locality as SA 174. Growing among stones near river. Stem with very
dark pigmentation; terminal leaflets cordate-acuminate; interjected
leaflets present, flowers violet. Probably same species as SA 172
and SA 174. Wild and occasional. S + H.
- SA 176 - BGRC 27158 S. okadae (ined) 26.03.80 67.15 17.01
Dept. La Paz, prov. Inquisivi, 0,5 km from Quime on road to Inquisivi.
Alt.: 2 950 m. Growing on cleared land, before which Eucalyptus trees.

Stems with some small wings, leaves with 1 - 2 pairs of lateral leaflets; flowers white, pentagonal; round green berries. Wild and frequent. S + H.

- SA 177 - BGRC 27159 S. rossii? (ined) 26.03.80 67.12 16.59
Dept. La Paz, prov. Inquisivi, 12,5 km from Quime on road to Inquisivi (Calasaya village). Alt.: 2 930 m. Growing near maize field. Leaves with 3 pairs of lateral leaflets; violet flowers and round berries. Probably some hybridisation with andigena within these accessions. Tubers are not eaten. Vernacular name: Papa ajara (semi-cultivated?). Plants occasional found and rather healthy. S + H.
- SA 178 - BGRC 27160 S. okadae (ined) 26.03.80 "
Locality as SA 177. Growing as weed in maize field. Same description as SA 176. Wild and abundant. S.
- SA 179 - BGRC 27161 S. rossii? (ined) 26.03.80 67.09 16.59
Dept. La Paz, prov. Inquisivi, just outside Inquisivi on road to Independencia. Alt.: 2 740 m. Growing along roadside. Same description as SA 177. Vernacular name: Papa ajara. Wild (semi-wild) and frequent. S + H.
- SA 180 - BGRC 27162 S. okadae (ined) 26.03.80 67.15 17.01
Dept. La Paz, prov. Inquisivi, 14 km from Inquisivi on road to Quime. Alt.: 2 800 m. Growing among stones and under scrubs. Same species as SA 176. Wild and abundant. S + H.
- SA 181 - S. 26.03.80 "
Dept. La Paz, prov. Inquisivi, 14 km from Inquisivi on road to Quime. Alt.: 2 800 m. Growing near river, very wet area not far from SA 180. Rather large plant up to 1.50 m. high. Stem purple, 1,5 cm diameter with big wings, large leaves with 3 - 4 pairs of lateral leaflets, no flowers and berries found. Wild and rare. H only.
- SA 182 - BGRC 27163 S. quimense (ined) 26.03.80 67.18 17.03
Dept. La Paz, prov. Inquisivi, 5 km from Quime on road to Caxata. Alt.: 3 350 m. Growing among rocks in moist places. Small plants up to 20 cm high, white stellate flowers. Only 2 unripe conical berries found. Wild and frequent. S + H.
- SA 183 - BGRC 27163 S. quimense (ined) 26.03.80 67.19 17.03
Dept. La Paz, prov. Inquisivi, 6,5 km from Quime on road to Caxata. Alt.: 3 380 m. Growing among rocks in moist places. Only one unripe berry collected. Wild and occasional. S + H.

- 67.36 18.20
- SAH 184 - BGRC 27164 S. stenotomum segregation 27.03.80
Dept. Oruro, prov. Carangas, 39 km from Toledo on road to Corque,
near Hauko Kcale. Alt. 3 750 m. In field among stones with other
varieties (SAH 184 to SAH 189). Berries rather big collected from
one plant only. Berries green and different from following stenotomum
accessions. Cultivated and occasional. S.
- SAH 185 - BGRC 27166 S. stenotomum introgressed with andigena
Locality as SAH 184. Another variety with introgression of andigena.
Berries (5) collected from 2 plants only, yellow with purple stripes.
Cultivated and occasional. S.
- SAH 186 - BGRC 27167 S. stenotomum? 27.03.80
Locality as SAH 184. Different variety. Cultivated. S.
- SAH 187 - BGRC 27168 S. stenotomum? 27.03.80
Locality as SAH 184. Different variety. Cultivated. S.
- SAH 188 - BGRC 27169 S. stenotomum? 27.03.80
Locality as SAH 184. Different variety. Cultivated. S.
- SAH 189 - BGRC 27170 S. ajanhuiri x S. stenotomum 27.03.80
Locality as SAH 184. Offspring grown in Braunschweig, shows hybrids
of the type ajanhuiri x stenotomum. Cultivated. S.
- SAH 190 - BGRC 27171 S. acaule 27.03.80
Locality as SAH 184. Growing on a hill. Wild and occasional. S.
- SAH 191 to SAH 199. Tuber samples bought in several shops at the main Plaza of
Corque. Tubers given to CIP (Dr. Z. Huaman) for seed multiplication.
Accessions are said to be cultivated on slopes of some mountains near
Corque. Dept. Oruro, prov. Carangas. Alt.: 3 700 - 4 000 m.
- SAH 191 - S. 27.03.80
Cultivated, vernacular name: Alcamari pecce. T only. 67.44 18.31
- SAH 192 - S. 27.03.80
Cultivated, vernacular name: Yari Colorada. T only.
- SAH 193 - S. 27.03.80
Cultivated, vernacular name: Torro Callu. T only.

- SAH 194 - S. tuberosum ssp. andigena? 27.03.80
Cultivated, vernacular name: Chiar(a) Imilla. T only.
- SAH 195 - S. stenotomum? 27.03.80
Cultivated, vernacular name: Phiñu. T only.
- SAH 196 - S. 27.03.80
Cultivated, vernacular name: Cunurana. T only.
- SAH 197 - S. tuberosum ssp. andigena? 27.03.80
Cultivated, vernacular name: Huaca lajra. T only.
- SAH 198 - S. 27.03.80
Cultivated, vernacular name: Alcca Coillo. T only.
- SAH 199 - S. 27.03.80
Cultivated, vernacular name: Sakampaya. T only.
- SAH 200 - BGRC 27172 S. toralapanum 28.03.80 67.09 17-34
Dept. Oruro, prov. Cercado, 13 km from Caracollo on road to Colquiri.
Alt.: 3 850 m. Growing near river among scrubs. Wild and frequent. S.
- SAH 201 - BGRC 27173 S. acaule 28.03.80
Locality as SAH 200. Wild and abundant. S. "
- SAH 202 - BGRC 27174 S. leptophyes? 28.03.80
Locality as SAH 200. Growing on slopes of a hill, among scrubs and stones (xerophytic vegetation). Plants small (20 - 30 cm), 2 - 3 pairs of lateral leaflets, leaves somewhat hairy, small round berries.
Wild and occasional. S + H.
- SAH 203 BGRC 27175 S. acaule 28.03.80 67.08 17-29
Dept. Oruro, prov. Cercado, 21 km from Caracollo on road to Colquiri.
Alt.: 4 080 m. Growing among rocks and scrubs. Wild and abundant. S.
- SAH 204 - BGRC 27176 S. gourlayi? 28.03.80 67.09 17-35
Dept. Oruro, prov. Cercado, 10 km from Caracollo on road to Colquiri.
Alt.: 3 900 m. Growing on the edge of a potato field. Plants somewhat rosette forming, 3 - 4 pairs of lateral leaflets, purple/violet flowers. Wild and rare. S + H.

- SAH 205 - BGRC 27177 S. tuberosum ssp. andigena? 28.03.80
Locality as SAH 204. Cultivation on a steep hill. Cultivated and abundant. S.
- SAH 206 - BGRC 27178 S. tuberosum ssp. andigena 28.03.80
Dept. La Paz, prov. Inquisivi, outskirts Colquiri. Alt.: 4 070 m. Cultivation in garden, said to be Papa negre. Cultivated and frequent. S.
- SH 207A - BGRC 27179 S. tuberosum ssp. andigena 30.03.80
Dept. Oruro, prov. Poopo, 72 km from Oruro on road to Potosi. Alt.: 3 650 m. Cultivation on slopes with many stones, said to be Papa Imilla. All plants dried (frost?). Cultivated and frequent. S.
- SH 207B - BGRC 27116 S. tuberosum ssp. andigena? 30.03.80
Locality as SH 207A. Other field on same slopes, probably different variety. Cultivated and frequent. S.
- SH 208 - BGRC 27180 S. tuberosum ssp. andigena 30.03.80
Locality as SH 207A. Variety called Papa negra, most plants dried (frost?). Cultivated and frequent. S.
- SH 209 - BGRC 27181 S. acaule 30.03.80
Locality as SH 207A. Growing among grasses and stones. Wild and rare (one berry only). S.
- SH 210 - BGRC 27182 S. acaule 30.03.80
Dept. Oruro, prov. Abaroa, 92 km from Oruro on road to Potosi (Huancane). Growing among grasses and stones near roadside. Wild and abundant. S.
- SH 211 to SH 221. Tuber samples bought on the market of Challapata (Dept. Oruro, prov. Abaroa). Tubers given to CIP (Dr. Z. Huaman), for seed multiplication. Origin of collections not known but grown in the Department Oruro and probably in the adjacent Department Potosi.
- SH 211 S. tuberosum ssp. andigena? 30.03.80
Cultivated, vernacular name: Uzuli. T only.

- SH 224 - BGRC 27184 S. acaule 31.03.80
Locality as SH 223. Growing in garden among flowers. Wild and abundant.
S.
- SH 225 to SH 237. Tuber samples bought on the market of Potosi (Dept. Potosi, prov. Frias). Tubers given to CIP (Dr. Z. Huaman) for seed multiplication. Origin of collections not known but most likely in areas around Potosi.
- SH 225 - S. tuberosum ssp. andigena? 31.03.80
Cultivated, vernacular name: Puca Nahui. T only.
- SH 226 S. tuberosum ssp. andigena? 31.03.80
Cultivated, vernacular name: Abajena. T only.
- SH 227 S. tuberosum ssp. andigena 31.03.80
Cultivated, vernacular name: Imilla negra. T only.
- SH 228 S. 31.03.80
Cultivated, vernacular name: Sipancachi. T only.
- SH 229 S. 31.03.80
Cultivated, vernacular name: Sipancachi. T only.
- SH 230 S. 31.03.80
Cultivated, vernacular name: Pali. T only.
- SH 231 S. tuberosum ssp. andigena? 31.03.80
Cultivated, vernacular name: Sani Imilla. T only.
- SH 232 S. 31.03.80
Cultivated, vernacular name: Malacachi. T only.
- SH 233 S. 31.03.80
Cultivated, vernacular name: Papa coloraro. T only.
- SH 234 S. stenotomum? 31.03.80
Cultivated, vernacular name: Membrillo. T only.
- SH 235 S. 31.03.80
Cultivated, vernacular name: Huaca papa. T only.
- SH 236 S. tuberosum ssp. andigena? 31.03.80
Cultivated, vernacular name: Manzanilla. T only.

- SH 237 - S. 31.03.80
Cultivated, vernacular name: Collareja. T only.
- SH 238 - S. 01.04.80
Dept. Potosi, prov. Frias, 31 km from Potosi on road to Oruro (Totora village). Alt.: 3 430 m. Growing in mixed cultivation with beans and maize. Escape of cultivation? Plants with 2 - 3 pairs of lateral leaflets. Cultivated? and occasional. T + H. (Tubers to CIP).
- SH 239 - S. 19.23 65.54 01.04.80
Dept. Potosi, prov. Frias, 50 km from Potosi on road to Oruro. Alt.: 3 480 m. Tubers obtained from farmer near Yocalla. Vernacular name: Tinguipaya. Cultivated and frequent. T. (Tubers to CIP).
- SH 240 - BGRC 27105 S. tuberosum ssp. andigena? 01.04.80
Locality as SH 239. Tubers obtained and berries collected in field. Vernacular name: Runa. Cultivated and frequent. S + T (Tubers to CIP).
- SH 241 - S. 01.04.80
Locality as SH 239. Tubers obtained from farmer. Vernacular name: Wila Layra. Cultivated and frequent. T only (Tubers to CIP).
- SH 242A - BGRC 27995 S. leptophyes? 01.04.80 19.22 66.00
Dept. Potosi, prov. Frias, 63 km from Potosi on road to Oruro. Alt.: 3 820 m. Growing both in fields and on slopes, together with acaule and megistacrolobum. Stem winged, 3 pairs of lateral leaflets, flowers violet. Berries verrucose. Wild and abundant. S + H.
- SH 242B - BGRC 28084 S. gourlayi? complex 01.04.80
Locality as 242A. Alt.: 3 820 m. Same species but berries non-verrucose. In this accession some S. pachytrichum (SH 242C). Wild and abundant. S + H.
- SH 243 BGRC 27185 S. megistacrolobum? 01.04.80
Locality as 242A. Alt.: 3 820 m. Growing near fields and on slopes of mountains. Wild and frequent. S.

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The collections 244A to 244G and 245 to 250 were collected in a valley (dry river) of a farm (Finke St. Helena), approximately 5 km from Plazna in the direction of Lago Poopo. Dept. Oruro, prov. Poopo. Alt.: 3 680 to 3 700 m. The collections were very variable and were identified to belong to S. leptophyes and S. sparsipilum. Furthermore possible hybrids (introgression) between (within) these species is under it. As flowers did not occur the accessions were separated in Bolivia on the basis of colour, shape and verrucousness of the berries.

- SH 244A - BGRC 27186 S. sparsipilum - S. leptophyes segregation? 04.04.80
Berries acaule like with some violet to black spots. Wild and frequent. S + H.
- SH 244B - BGRC 27187 S. sparsipilum - S. leptophyes segregation? 04.04.80
Berries rather big (like andigena berries), colour light green to somewhat dark green, no spots. Wild and frequent. S.
- SH 244C - BGRC 27188 S. sparsipilum - S. leptophyes segregation? 04.04.80
Berries round to somewhat flat, in general yellow green with some darker green areas. Wild and frequent. S.
- SH 244D - BGRC 27189 S. acaule? 04.04.80
Berries acaule like, green to yellow-green. Wild and frequent. S.
- SH 244E - BGRC 27190 S. 04.04.80
Berries round with some pigmentation. Wild and frequent. S.
- SH 244F - BGRC 27191 S. sparsipilum like 04.04.80
Berries somewhat ovale, dark green with many white spots. Wild and frequent. S.
- SH 244G - BGRC 27192 S. sparsipilum - S. leptophyes segregation? 04.04.80
Berries round to ovale, dark green to black. Wild and frequent. S.
- SH 245 - BGRC 27193 S. leptophyes? 04.04.80
Dark green berries (acaule like) with many white spots. Wild and frequent. S + H.
- SH 246 - BGRC 27194 S. sparsipilum? 04.04.80
Ovale green berries, without stips. Wild and frequent. S + H.
- SH 247 - BGRC 27195 S. leptophyes/S. sparsipilum 04.04.80
Berries yellow green with many white spots. Possible leptophyes with introgression of sparsipilum. Wild and frequent. S + H.

- SH 248 - BGRC 27196 S. leptophyes? 04.04.80
Berries round to ovale, with the top somewhat flat. Green to dark green berries. Some introgression of sparsipilium in it. Wild and frequent. S + H.
- SH 249 - BGRC 27197 S. gourlayi? 04.04.80
Berries flat on top, green to dark green, dissected in 2 - 4 sections. Wild and frequent. S.
- SH 250 - BGRC 27198 S. 04.04.80
Berries small and round, light to dark green. Wild and frequent. S.
- SH 251 - S. sparsipilum/S. leptophyes? 04.04.80
Dept. Oruro, prov. Poopo, 6 km from Pazna on road to Urmiri. 1 km outside Urmiri. Growing near small artificial stream not far from hot springs. Alt.: 3 780 m. Leaf dark green, with 2 - 3 pairs of lateral leaflets. Flowers violet. Wild and occasional. H only. 16.53 18.35
- SH 252 - BGRC 27199 S. acaule 04.04.80
Locality as SH 251. Growing on wet places near stream. Wild and abundant. S. "
- SH 253 - BGRC 27200 S. acaule 04.04.80 67-05 18.10
Dept. Oruro, prov. Cercado, Lago Uru Uru, near Machacamarca. Growing near lake. Alt.: 3 700 m. Wild and frequent. S.
- SH 254 - BGRC 27201 S. 04.04.80
Locality as SH 253. Growing near lake. Berries ovale with white spots. Wild and occasional. S. "
- SH 255 - BGRC 27202 S. acaule 04.04.80
Locality as SH 253. Somewhat higher up. Alt.: 3 720 m. Wild and frequent. S.
- SH 256 - S. brevicaule? 05.04.80 66.36 17.40
Dept. Cochabamba, prov. Quillacollo, road from Cochabamba to Oruro (new road), 70 km (43 km from Parotani). Alt.: 3 750 m. Roadside among stones. Wild and frequent. H only.
- SH 257 - S. capsicibaccatum 05.04.80 66.35 17.41
Dept. Cochabamba, prov. Quillacollo, road from Cochabamba to Oruro (new road), 67 km. Alt.: 3 700 m. Growing in moist places among rocks and under scrubs. White stellate flowers. Wild and abundant. H only.

Appendix II

Team II:

Main collecting areas: Dept. Potosi, Chuquisaca and Tarija
Collecting periods: 18 February to 15 March, 1980
19 March to 5 April, 1980
Collectors: Prof. Dr. W. Hondelmann (H), Institut für Pflanzenbau und
Pflanzenzüchtung der FAL, Braunschweig, FRG
Dr. D. Astley (A), University of Birmingham, UK
Ing. A. Moreiro (M), IBTA, Toralapa/Cochabamba, Bolivia
Ing. G. Caero, IBTA, Toralapa/Cochabamba, Bolivia
Drivers: J. Orellana, Cochabamba, Bolivia
L. F. Tejada, Cochabamba, Bolivia

COLLECTIONS TEAM II

(S = seeds; T = tubers; H = herbarium)

- HAM 1 - BGRC 27204 S. acaule 18.02.80 67.00^v 18.04⁵
Dept. Oruro, prov. Dalence, 29 km from Oruro on road to Huanuni, Realenga.
Alt.: 3 260 m. At the edge of field. Vernacular name: Alco papa. Wild
and occasional. S.
- HAM 2 - BGRC 27205 S. acaule 19.02.80 via Morocala
Dept. Potosi, prov. Ibanez, 44 km from Llallagua on road to Caripuyo.
Alt.: 3 950 m. Among grass tufts and rocks, frequently found on dung
heaps. Flat rosette plants. Wild and frequent. S. 66.31
18.18
- HAM 3 - S. megistacrolobum? 19.02.80 "
Locality as HAM 2. Alt.: 3 950 m. On rich soil between grass tufts at
the base of large rocks. Very long hairs on leaves and stem, some
plants among rocks, etiolated. Wild and occasional. H only.
- HAM 4 - BGRC 27206 S. acaule 19.02.80 "
Dept. Potosi, prov. Ibanez, 45 km from Llallagua on road to Caripuyo.
Alt.: 3 930 m. Mountainous area and growing among grass tufts. Wild
and rare. S.

- HAM 5 - BGRC 27207 S. sparsipilum? 19.02.80 66.27 18.14
Dept. Potosi, prov. Ibanez, outskirts Caripuyo. Alt.: 3 200 m. Growing
in and around barley field and also on a wall. Wild and frequent. S + H.
- HAM 6 - BGRC 27208 S. gourlayi? 19.02.80 11
Dept. Potosi, prov. Ibanez, outskirts Caripuyo. Alt.: 3 200 m.
Growing in a mixed cropping as weed. Wild and frequent. S.
- HAM 7 - BGRC 27209 S. leptophyes 19.02.80 11
Dept. Potosi, prov. Ibanez, outskirts Caripuyo. Alt.: 3 200 m. Growing
on top of a wall. Wild and rare. S + H.
- HAM 8 - BGRC 27210 S. gourlayi 19.02.80 11
Dept. Potosi, prov. Ibanez, 1 km from Caripuyo on the road to Llallagua.
Alt.: 3 200 m. Growing between Pisum plants in field along main river-
bank, reached on foot only. Wild and frequent. S + H.
- HAM 9 - BGRC 27211 S. leptophyes? 19.02.80 11
Locality as HAM 8, but higher up. Alt.: 3 250 m. Growing in a barley
field along a river bank, only accessible on foot. Wild and occasional.
S + H.
- HAM 10 - BGRC 27212 S. leptophyes? 19.02.80 4
Locality as HAM 8. Alt.: 3 200 m. Growing between Pisum plants in field
along main riverbank, reached on foot only. Wild and frequent. S.
- HAM 11 - S. leptophyes? 20.02.80 66.32 18.27
Dept. Potosi, prov. Bustillo, 12 km from Uncia on road to Chayanta.
Alt.: 3 370 m. Among roadside embankment rocks. Probably hybrids.
Wild and occasional. H only.
- HAM 12 - BGRC 27213 S. leptophyes 20.02.80 66.27 18.27
Dept. Potosi, prov. Bustillo, 22 km from Uncia on road to Chayanta.
Alt.: 3 720 m. Growing on rocks beside the road. Large population
distributed in one 20 m zone. Pedicel articulation below centre, some-
times at base; flowers purple-blue, rotate pentagonal; stigma small.
Wild and frequent. S + H.
- HAM 13 - BGRC 27214 S. megistacrolobum 20.02.80 11
Locality as HAM 12. Alt.: 3 720 m. Growing on rocks beside the road.
Wild and frequent. S + H.

- HAM 14 - BGRC 27215 S. leptophyes? 20.02.80 66.26 18.26
Dept. Potosi, prov. Bustillo, 24 km from Uncia on road to Chayanta/
Amayapampa. Alt.: 3 600 m. Growing on hills near the road. Wild and
occasional. S + H.
- HAM 15 - BGRC 27216 S. megistacrolobum 66.24 20.02.80 18.29
Dept. Potosi, prov. Bustillo, 34 km from Uncia on road to Amayapampa.
Alt.: 3 930 m. Growing among rocks, upwards road. Wild and rare. S.
- HAM 16 - BGRC 27217 S. megistacrolobum 66.23 20.02.80 18.27
Dept. Potosi, prov. Bustillo, 41 km from Uncia on mountain road above
Amayapampa. Alt.: 3 950 m. Along a wall on stony soil. Large blue to
purple flowers. Wild and rare. S + H.
- HAM 17 - BGRC 27218 S. megistacrolobum 20.02.80 "
Locality as HAM 16. Alt.: 3 950 m. Near wall in mountainous area. Wild
and rare. S + H.
- HAM 19 - BGRC 27219 S. megistacrolobum 20.02.80 "
Dept. Potosi, prov. Bustillo, about 40 km from Uncia on mountain road
above Amayapampa. Alt.: 3 970 m. Growing in a small river valley. Wild
and rare. S.
- HAM 20 - BGRC 27220 S. acaule 20.02.80 "
Dept. Potosi, prov. Bustillo, outskirts Amayapampa. Alt.: 3 850 m.
Growing at the edge (bottom) of a cultivated field on a hill, on bare
soil among small herbes. Wild and abundant. S.
- HAM 21 - BGRC 27221 S. acaule 21.02.80 66.31 18.29
Dept. Potosi, prov. Bustillo, 10 km from Uncia on road to Cala Cala.
Alt.: 3 630 m. Growing at the edge of a meadow. Wild and occasional. S.
- HAM 22 - BGRC 27222 S. acaule 21.02.80 "
Locality as HAM 21. Alt.: 3 630 m. Growing between a wall of a field.
Wild and frequent. S.
- HAM 23 - BGRC 27223 S. leptophyes? 21.02.80 "
Locality as HAM 21. Alt.: 3 620 m. Amongst tall grasses and herbes.
Wild and occasional. S + H.
- HAM 24 - BGRC 27224 S. acaule 21.02.80 66.30 18.31
Dept. Potosi, prov. Bustillo, 18 km from Uncia on road to Macha, above

Cala Cala. Alt.: 3 790 m. By roadside in the open growing on shaley slopes. Wild and frequent. S + H.

- HAM 25 - BGRC 27225 S. gourlayi? 21.02.80 66.22 18.37
Dept. Potosi, prov. Bustillo, 48 km from Uncia on road to Macha.
Alt.: 3 200 m. Growing among rocks by road. Wild and occasional. S + H.
- HAM 26 - BGRC 27226 S. pachytrichum? 21.02.80 66.16 18.39
Dept. Potosi, prov. Bustillo, 60 km from Uncia on road to Macha.
Alt.: 3 530 m. Growing among rocks at the base of a wall in cultivated fields. Wild and frequent. S + H.
- HAM 27 - BGRC 27227 S. leptophyes? 21.02.80 "
Locality as HAM 26. Alt.: 3 530 m. Growing among rocks near a wall.
Wild and rare. S.
- HAM 28 - BGRC 27228 S. tuberosum ssp. andigena 21.02.80 "
Locality as HAM 26. Alt.: 3 540m. Growing as a weed at the base of a wall in a barley field. One plant only. Cultivated and rare. S.
- HAM 29 - BGRC 27229 S. sparsipilum 21.02.80 66.09 18.42
Dept. Potosi, prov. Chayanta, 74 km from Uncia on road to Macha.
Alt.: 3 280 m. Growing under a bush on a bank by side of the road.
Wild and occasional. S + H.
- HAM 30 - BGRC 27230 S. tuberosum ssp. andigena 21.02.80 "
Locality as HAM 29. Alt.: 3 280 m. Plants not seen, berries found at the edge of a field near wall, probably berries of cultivated species. Cultivated (?) and occasional. S.
- HAM 31 - BGRC 27231 S. leptophyes? 21.02.80 66.08 18.44
Dept. Potosi, prov. Chayanta, 78 km from Uncia on road to Macha.
Alt.: 3 250 m. Growing on a wall around a cornfield. Wild and frequent. S + H.
- HAM 32 - BGRC 27232 S. leptophyes 21.02.80 "
Locality as HAM 31. Alt.: 3 250 m. Growing in a hedge on a field border. Wild and occasional. S + H.
- HAM 33 - BGRC 27233 S. leptophyes/gourlayi? complex 21.02.80 "
Locality as HAM 31. Alt.: 3 250 m. Growing as a weed on a field border. Wild and frequent. S.

- HAM 34 - BGRC 27234 S. leptophyes/gourlayi? complex 21.02.80 ^{66.06 18.47}
Dept. Potosi, prov. Chayanta, 85 km from Uncia to Macha. Alt.: 3 340 m.
Growing at the edge of a barley field. Wild and rare. S.
- HAM 35 - BGRC 27235 S. leptophyes/gourlayi? complex 22.02.80 ^{66.03 18.50}
Dept. Potosi, prov. Chayanta, 1 km from Macha on road to Colquechaca.
Alt.: 3 370 m. Growing on the bank of a river. Wild and frequent. S.
- HAM 36 - BGRC 27236 S. gourlayi? 22.02.80 "
Dept. Potosi, prov. Chayanta, 2 km from Macha on road to Colquechaca.
Alt.: 3 370 m. Growing in a field of Vicia faba. Wild and occasional.
S + H.
- HAM 37 - BGRC 27237 S. sucrense? 22.02.80 ^{66.03 18.48}
Dept. Potosi, prov. Chayanta, 5 km from Macha on road to Colquechaca.
Alt.: 3 440 m. Growing in a cultivated field of Oxalis tuberosa and
Quinoa. Wild and occasional. S.
- HAM 38 - S. leptophyes? 22.02.80 ^{66.02 18.46}
Dept. Potosi, prov. Chayanta, 10 km from Macha on road to Colquechaca.
Alt.: 3 500 m. Growing on a hillside above a river and below a cultivated
field (2 berries - seedless). Wild and occasional. H only.
- HAM 39 - BGRC 27238 S. leptophyes? 22.02.80 ^{66.03 18.43}
Dept. Potosi, prov. Chayanta, 16 km from Macha on road to Colquechaca.
Alt.: 3 740 m. Growing on the rocky slopes by a road. Wild and frequent.
S + H.
- HAM 40 - BGRC 27239 S. acaule 22.02.80 ^{65.53 18.48}
Dept. Potosi, prov. Chayanta, 37 km from Colquechaca on road to Ocuri.
Alt.: 4 080 m. Among large stones on the hillside below the road. Wild
and frequent. S + H.
- HAM 41 - BGRC 27240 S. brevicaule? 22.02.80 ^{65.54 18.49}
Dept. Potosi, prov. Chayanta, 40 km from Colquechaca on road to Ocuri.
Alt.: 3 960 m. Growing among stones on a mountain slope below the
road. Wild and rare. S + H.
- HAM 42 - BGRC 27241 S. 22.02.80 "
Locality as HAM 41. Alt.: 3 970 m. Growing among stones on a mountain
slope. Population of small plants just flowering. Wild and occasional. S.

- HAM 43 - BGRC 27242 S. megistacrolobum? 22.02.80 1)
Locality as HAM 41. Alt.: 3 970 m. Growing on a mountain slope above the road. Wild and occasional. S.
- HAM 44 - BGRC 27243 S. acaule 23.02.80 65.53 18.50
Dept. Potosi, prov. Chayanta, road Colquechaca to Ocuri, 5 km before Ocuri. Alt.: 3 850 m. Growing amongst grasses and stones. Wild and frequent. S.
- HAM 45 - BGRC 27244 S. acaule 23.02.80 "
Dept. Potosi, prov. Chayanta, 4 km from Ocuri on road to Colquechaca. Alt.: 3 780 m. Growing amongst grasses and stones. Wild and frequent. S.
- HAM 46 - BGRC 27245 S. megistacrolobum? 65.39 23.02.80 18.49
Dept. Potosi, prov. Chayanta, 42 km from Ocuri on road to Ravelo. Alt.: 3 450 m. Growing on the slopes beneath the road and in a cultivated field with Brassicas, Lupins and potatoes. Wild and frequent. S.
- HAM 47 - BGRC 27246 S. boliviense 23.02.80 65.33 18.51
Dept. Potosi, prov. Chayanta, 3 km from Ravelo on road to Sucre. Alt.: 3 130 m. Growing in a meadow beside the side. Wild and frequent. S.
- HAM 48 - S. leptophyes? 23.02.80 65.32 18.51
Dept. Chuquisaca, prov. Oropeza, 6 km from Ravelo on road to Sucre. Alt.: 3 140 m. Among large rocks with Begonias. Wild and rare. H only.
- HAM 49 - BGRC 27247 S. megistacrolobum? 65.31 23.02.80 18.50 ↓
Dept. Chuquisaca, prov. Oropeza, 11 km from Ravelo on road to Sucre. 65.28
Alt.: 3 130 m. Growing near potato field in bushy vegetation. Wild 18.51
and occasional. S. (16-1-08)
- HAM 50 - S. boliviense 23.02.80 "
Dept. Chuquisaca, prov. Oropeza, 11 km from Ravelo on road to Sucre. Alt.: 3 130 m. Growing near a potato field in bushy vegetation. Wild and rare. H only.
- HAM 51 - S. pachytrichum? 23.02.80 65.26 18.55
Dept. Chuquisaca, prov. Oropeza, 30 km from Ravelo on road to Sucre. Alt.: 3 170 m. Along the roadside growing in sand and gravel. Wild and rare. H only.

- HAM 52 - BGRC 27248 S. boliviense 25.02.80 65.20 19.38
Dept. Potosi, prov. Saavedra, Experimental Station Chinoli, ± 20 km from Betanzos on road to Otuyo. Alt.: 3 200 m. Growing besides cultivated fields. Wild and occasional. S.
- HAM 53 - S. leptophyes? 26.02.80 65.28 19.29
Dept. Potosi, prov. Saavedra, 22 km from Betanzos on new road to Sipora. Alt.: 3 280 m. Growing among small stones underneath algarrobas. Wild and rare. H only.
- HAM 54 - S. sucrense 26.02.80 65.28 19.28
Dept. Potosi, prov. Saavedra, 25 km from Betanzos on new road to Siporo. Alt.: 3 200 m. Growing at the edge of a cultivated field among stones and bushes. Wild and rare. No berries found, only H.
- HAM 55 - BGRC 27249 S. leptophyes 26.02.80 65.28 19.24
Dept. Potosi, prov. Saavedra, 30 km from Betanzos, on new road to Siporo. Alt.: 3 250 m. Growing among large rocks shaded by shrubs high on hillside above river. Very lanceolate leaflets. Wild and frequent. S + H.
- HAM 56 - BGRC 27250 S. leptophyes? 26.02.80 " "
Locality as HAM 55. Alt.: 3 250 m. Growing among large rocks, shaded by shrubs, high on hillside above river. Berries verrucose and slightly conical. Wild and rare. S + H.
- HAM 57 - S. leptophyes? 26.02.80 65.27 19.22
Dept. Potosi, prov. Saavedra, 43 km from Betanzos on new road to Siporo. Alt.: 3 200 m. Growing among scrubs on the hillside above the river. Large plants but first pair decurrent large lateral, flowers almost rotate and purple with dark star. Wild and rare. H only.
- HAM 58 - S. leptophyes 26.02.80 " "
Locality as HAM 57. Alt.: 3 200 m. Growing among shrubs on the hillside above the river. Wild and rare. H only.
- HAM 59 - BGRC 27252 S. sucrense? 28.02.80 65.49 19.30
Dept. Potosi, prov. Frias, 21 km from Potosi to Yocalla on road to Oruro. Alt.: 3 200 m. Growing in a maize field. Wild and frequent. S + H.

- HAM 60 - BGRC 27253 S. sucrense? 28.02.80
Dept. Potosi, prov. Frias, 22 km from Potosi on road to Yocalla and Oruro. Alt.: 3 240 m. Growing in a maize field below the road. Some plants looked cultivated. Semicultivated (?) and frequent. S + H.
- HAM 61 - BGRC 27254 S. sucrense 28.02.80
Locality as HAM 60. Alt.: 3 240 m. Growing in a maize field below the road. Wild and frequent. S.
- HAM 62 - BGRC 27255 S. sucrense 28.02.80
Dept. Potosi, prov. Frias, 35 km from Potosi on road to Yocalla and Oruro. Alt.: 3 500 m. Growing in a Vicia faba field on a slope in a small valley. Wild and frequent. S + H.
- HAM 63 - BGRC 27256 S. sucrense (segregation of andigena) 28.02.80
Dept. Potosi, prov. Frias, 49 km from Potosi on road to Tinguipaya (via Yocalla). Alt.: 3 400 m. Growing with Vicia faba and cereals and also in a patch with potato. Said by farmer to be a weed. Many plants wilted and dead. Wild and frequent. S.
- HAM 64 - S. megistacrolobum 28.02.80
Dept. Potosi, prov. Frias, 55 km from Potosi to Tinguipaya via Yocalla. Alt.: 3 140 m. Growing among large rocks close to potato field. Wild and frequent. H only.
- HAM 65 - BGRC 27257 S. gourlayi 28.02.80
Dept. Potosi, prov. Frias, 2 km from Tinguipaya on road to Potosi. Alt.: 3 180 m. Growing in a Vicia faba field, most plants dead. Wild and frequent. S.
- HAM 66 - S. sucrense? 28.02.80
Locality as HAM 65. Alt.: 3 180 m. Growing in a maize field. Wild and frequent. H only.
- HAM 67 - BGRC 27258 S. sucrense? 28.02.80
Locality as HAM 66. Alt.: 3 200 m. Growing in a maize field. Possibly mixture of seeds. Wild and frequent. S + H.
- HAM 68 - BGRC 27259 S. sucrense (some segregation towards oplocense) 28.02.80
Dept. Potosi, prov. Frias, 5 km from Tinguipaya on road to Potosi. Alt.: 3 320 m. Growing in a maize field. Possibly some cultivated among it. Wild and abundant. S + H.

- HAM 69 - BGRC 27260 S. sucrense 28.02.80
Dept. Potosi, prov. Frias, 6 km from Tinguipaya on road to Potosi.
Alt.: 3 350 m. Growing in a maize field. Wild and frequent. S.
- HAM 70 - BGRC 27261 S. acaule 29.02.80 65-43 19.34
Dept. Potosi, prov. Frias, 3 km from Potosi to Don Diego. Alt.: 3 800 m.
Growing in a cereal field on a very light sandy soil. Wild and frequent.
S + H.
- HAM 71 - non tuber bearing Solanum 29.02.80 11
Locality as HAM 70. Alt.: 3 800 m. Non-tuber-bearing Solanum-species.
Wild and frequent. H only.
- HAM 72 - BGRC 27262 S. megistacrolobum 65-40 29.02.80 19-31
Dept. Potosi, prov. Frias, 8 km from Potosi on road to Don Diego.
Alt.: 3 790 m. Growing among rocks beside a field, but nowhere else.
Wild and abundant. S + H.
- HAM 73 - S. acaule 29.02.80
Locality as HAM 72. Alt.: 3 790 m. Growing among rocks beside a field.
Wild and rare. H only.
- HAM 74 - BGRC 27263 S. acaule 29.02.80 65-39 19-29
Dept. Potosi, prov. Frias, 12 km from Potosi on road to Don Diego.
Alt.: 3 750 m. Growing in a Vicia faba field. Wild and abundant. S.
- HAM 75 - BGRC 27264 S. megistacrolobum 29.02.80
Locality as HAM 74. Alt.: 3 750 m. Growing among stones. Wild and rare.
S.
- HAM 76 - S. sucrense 29.02.80 65-37 19-29
Dept. Potosi, prof. Frias, 20 km from Potosi on road to Don Diego.
Alt.: 3 750 m. Growing among stones. Wild and occasional. H only.
- HAM 77 - BGRC 27266 S. sucrense 29.02.80
Dept. Potosi, prov. Frias, 19 km from Potosi on road to Don Diego.
Alt.: 3 750 m. Growing along a wall on the edge of a cultivated field
of Vicia faba and Medicago under large trees. Wild and abundant. S + H.

- HAM 78 - BGRC 27267 S. acaule 01.03.80 65.33 19.24
Dept. Potosi, prov. Saavedra, 42 km from Potosi on road to Colavi.
Alt.: 3 900 m. Growing on the edge of a cereal and potato field.
Wild and frequent. S.
- HAM 79 - BGRC 27268 S. leptophyes? 01.03.80 65.32 19-20
Dept. Potosi, prov. Saavedra, outskirts Colavi. Alt.: 3 500 m. Growing
on steep hillside among rocks. Wild and occasional. S + H.
- HAM 80 - BGRC 27269 S. 01.03.80 " "
Locality as HAM 79. Alt.: 3 500 m. Growing on steep hillside among
rocks. Wild and occasional. S + H.
- HAM 81 - S. sucrense? 01.03.80 " "
Locality as HAM 79. Alt.: 3 500 m. Growing in the shade of a bush on
steep hillside. Wild and frequent. H only.
- HAM 82A S. megistacrolobum 01.03.80 " "
Locality as HAM 79. Alt.: 3 500 m. Growing in the shade of a bush on
steep hillside. Wild and rare. H only.
- HAM 82B S. leptophyes/gourlayi? complex 01.03.80 " "
Locality as HAM 79. Habitat as HAM 82A. Wild and rare. H only.
- HAM 83 - BGRC 27272 S. leptophyes/gourlayi? complex 01.03.80 65.33 19.20
Dept. Potosi, prov. Saavedra, road from San Felipe to Sacha Cuchu,
near Colavi. Alt.: 3 450 m. Growing among rocks and small ledges.
Wild and frequent. S + H.
- HAM 84 - BGRC 27273 S. leptophyes 01.03.80 " "
Locality as HAM 83. Alt.: 3 450 m. Growing amongst rocks and ledges
besides a potato field. Wild and occasional. S + H.
- HAM 85 - S. sucrense 02.03.80 65.48 19.32
Dept. Potosi, prov. Frias, 17 km from Potosi on road to Yocalla.
Alt.: 3 240 m. Growing in a Vicia faba field. Wild and occasional.
H only.
- HAM 86 - BGRC 27274 S. sucrense? 02.03.80 " "
Locality as HAM 85. Alt.: 3 240 m. Growing on a dry hillside. Wild
and rare. S + H.

- HAM 87 - BGRC 27275 S. sucrense 02.03.80 65.48 19.27
Dept. Potosi, prov. Frias, road running north of Potosi, via Miraflores,
Estancia Mondragón. Alt.: 3 100 m. Growing in a maize field. Wild and
frequent. S + H.
- HAM 88 - BGRC 27276 S. sucrense 02.03.80 "
Dept. Potosi, prov. Frias, 1 km from Mondragón on the old road to
Potosi via Miraflores. Alt.: 3 120 m. Growing in a maize field. Wild
and abundant. S + H.
- HAM 89 - BGRC 27277 S. sucrense 02.03.80 "
Locality as HAM 88. Alt.: 3 120. Growing in a maize field. Wild and
abundant. S + H.
- HAM 90 - BGRC 27278 S. megistacrolobum 02.03.80 65.49 19.38
Dept. Potosi, prov. Frias, 11 km from Potosi on road to Uyuni. Alt.: 3 720 m.
Growing amongst Medicago plants. Wild and frequent. S.
- HAM 91 - S. sucrense 03.03.80 65.35 19.30
Dept. Potosi, prov. Saavedra, 27 km from Potosi on road to Chaqui.
Alt.: 3 370 m. Growing on the edge of a Vicia faba field. Wild and
occasional. H only.
- HAM 92 - BGRC 27280 S. megistacrolobum? 03.03.80 "
Locality as HAM 91. Alt.: 3 370 m. Growing in the walls on the field
margin. Wild and occasional. S.
- HAM 93 - BGRC 27281 S. sucrense 03.03.80 65.34 19.35
Dept. Potosi, prov. Saavedra, 36 km from Potosi on road to Puna via
Chaqui. Alt.: 3 380 m. Growing on both sides of a wall bordering a
field. Wild and frequent. S + H.
- HAM 94 - S. 03.03.80 "
Locality as HAM 93. Alt.: 3 380 m. Growing on a wall bordering a field.
Only one plant, no seeds. Wild and rare.
- HAM 95 - BGRC 27283 S. sucrense? 03.03.80 "
Dept. Potosi, prov. Saavedra, 37 km from Potosi on road to Puna via
Chaqui. Alt.: 3 360 m. Growing on a wall bordering a field. Wild and
frequent. S + H.

- HAM 96 - S. leptophyes? 03.03.80 65.33 19.36
Dept. Potosi, prov. Saavedra, 41 km from Potosi on road to Puna, via Chaqui. Alt. 3 400 m. Growing at the base of a wall. Wild and frequent. H only.
- HAM 97 - BGRC 27285 S. leptophyes " "
Locality as HAM 96. Alt.: 3 400 m. Growing at the base of a wall. Wild and frequent. S + H.
- HAM 98 - BGRC 27286 S. 03.03.80 " "
Locality as HAM 96. Alt.: 3 400 m. Growing at the base of a wall. Wild and frequent. S
- HAM 99 - BGRC 27287 S. leptophyes 03.03.80 65.33 19.38
Dept. Potosi, prov. Linares, 47 km from Potosi on road to Puna, via Chaqui. Alt.: 3 500 m. Growing in a wall. Wild and frequent. S + H.
- HAM 100 - BGRC 27288 S. gourlayi? 03.03.80 65.32 19.40
Dept. Potosi, prov. Linares, 54 km from Potosi on road to Puna, via Chaqui. Alt.: 3 300 m. Growing on a wall bordering river and field. Wild and rare. S.
- HAM 101 - BGRC 27289 S. infundibuliforme 03.03.80 65.43 19.46
Dept. Potosi, prov. Linares, ca. 50 km from Puna on the road to Potosi, via Cucho Ingenio (ca. 25 km from Potosi). Alt.: 3 800 m. Growing on a slope below the road in a very dry environment. Wild and frequent. S + H.
- HAM 102 - BGRC 27290 S. sucrense? 04.03.80 65.49 19.27
road to oruro. Dept. Potosi, prov. Frias, Cayara village, ca. 25 km from Potosi on the old road. Alt.: 3 380 m. Growing on a hill among scrubs, shaded by large Eucalyptus trees. Wild and abundant. S.
- HAM 103 - BGRC 27291 S. leptophyes? 04.03.80 " "
Locality as HAM 102. Alt.: 3 380 m. Growing on a hill among scrubs. Wild and frequent. S + H.
- HAM 104 - BGRC 27292 S. leptophyes 04.03.80 " "
Locality as HAM 102. Alt.: 3 380 m. Growing on a hill among scrubs, shaded by large Eucalyptus trees. Wild and frequent. S + H.

- HAM 123 - BGRC 27307 S. chacoense x S. tarijense? 09.03.80 64.36 19.08
Dept. Chuquisaca, prov. Zudanez, 30 km from Zudanez on road to Padilla. Alt.: 2 100 m. Growing amongst bushes on a hillside bordering. Wild and frequent. S + H.
- HAM 124 - S. chacoense 09.03.80 64.29 19.13
Dept. Chuquisaca, prov. Jaime Mendoza, 54 km from Zudanez on road to Padilla. Alt.: 2 040 m. Growing amongst trees and scrubs. Whole area suffering from total drought. Wild and frequent. H only.
- HAM 125 - BGRC 27308 S. chacoense (with introgression?) 09.03.80
Dept. Chuquisaca, prov. Jaime Mendoza, 54 km from Zudanez on road to Padilla. Alt.: 2 040 m. Growing in a maize field. Wild and frequent. S + H.
- HAM 126 - BGRC 27309 S. chacoense? 09.03.80 64.27 19-18
Dept. Chuquisaca, prov. Jaime Mendoza, 64 km from Zudanez on road to Padilla. Alt.: 2 140 m. Growing in the shade of trees at the borders of cultivated fields. Wild and frequent. S + H.
- HAM 127 - S. yungasense? 10.03.80 64.23 19-11
Dept. Chuquisaca, prov. Belisario Boeto, 22 km from Padilla on road to Villa Serrano. Alt.: 2 000 m. Growing on a hillside. Wild and frequent. H only.
- HAM 128 - BGRC 27310 S. boliviense 11.03.80 64.53 Tarabuco 19.07
Dept. Chuquisaca, prov. Yam paraez, 19 km from the crossroads Tarabuco - Zudanez/Tarabuco - Presto on the road to Presto. Alt.: 3 100 m. Growing as a weed in field of Vicia faba and quinoa. Wild and frequent. S + H.
- HAM 129 - S. 11.03.80
Locality as HAM 128 but 10 km on the road to Presto. Alt.: 2 950 m. Growing under bushes on a wide flat dry river bed and slightly raised sloping bank. Flowers rotate and dark blue. H only.
- HAM 130 - BGRC 27313 S. sucrense 11.03.80
Locality as HAM 129, but lower down. Alt.: 2 900 m. Under bushes down a dry river bed and along the road on the river bed. Large and small plants under every bush, rachis pigment strongly marked. Wild and abundant. S + H.

- HAM 131 - BGRC 27314 S. sucrense 11.03.80 64.53 19.07
Dept. Chuquisaca, prov. Yamparáez, 13 km from the ~~crossroads Tarabuco - Zudanez/ Tarabuco - Presto~~ on the road to Presto. Alt.: 2 810 m.
Growing between stones with other herbs at the border of Triticum fields. All plants showing deformed leaflets due to virus. Wild and frequent. S + H.
- HAM 132 - S. sucrense 12.03.80 64.52 19.12
Dept. Chuquisaca, prov. Yamparáez, 10 km from Tarabuco on the road to Icla. Alt.: 2 960 m. Growing under spiny bushes along the roadside. Plants without flowers and berries. Wild and occasional. H only.
- HAM 133 - S. sucrense 12.03.80 64.51 19.13
Dept. Chuquisaca, prov. Yamparáez, 13 km from Tarabuco on the road to Icla. Alt.: 2 930 m. Growing at the edge of a barley field. Small population. Wild and occasional. H only.
- HAM 134 - S. sucrense 13.03.80 64.47 - via Icla 19.20
Dept. Chuquisaca, prov. Yamparáez, 31 km from Tarabuco to Sotomayor. Alt.: 2 740 m. Growing under cacti and algarrobo. Mixed population with may be some oplocense. Wild and frequent. H only.
- HAM 135 - BGRC 27316 S. sucrense 13.03.80 "
Dept. Chuquisaca, prov. Yamparáez, 32 km from Tarabuco on road to Sotomayor. Alt.: 2 700 m. Growing in a maize field. Wild and frequent. S + H.
- HAM 136 - BGRC 27317 S. 13.03.80 "
Locality as HAM 135. Alt.: 2 700 m. Growing under algarrobo shrubs. Wild and frequent. S + H.
- HAM 137 - S. berthaultii 13.03.80 "
Locality as HAM 135. Alt.: 2 700 m. Growing along a river bank. Wild and frequent. H only.
- HAM 138 - BGRC 27318 S. sucrense 13.03.80 65.47 19.22
Dept. Chuquisaca, prov. Yamparaez, 36 km from Tarabuco on the road to Sotomayor. Alt.: 2 590 m. Growing on a wall among trees bordering road and field. Wild and occasional. S.

cultivated field below the road. Probably S. sparsipilum (HAM 147B) in this collection. Wild and frequent. S + H.

- HAM 148 - BGRC 27328 S. alandiae 19.03.80 65.13 17.43
Dept. Cochabamba, prov. Mizque; 150 km from Cochabamba on road to Sucre. Alt.: 2 700 m. Growing amongst bushes near roadside. Wild and occasional. S.
- HAM 149 - BGRC 27329 S. tuberosum ssp. andigena 20.03.80 65.23 17.36
Dept. Potosi, prov. Saavedra, Santiago (between Sucre and Potosi). Alt.: 3 100 m. Cultivated field, cultivar name Sani Imilla. S.
- HAM 150 - BGRC 27330 S. infundibuliforme 21.03.80 65.44 17.48
Dept. Potosi, prov. Linares, 31 km from Potosi on road to Tarija. Alt.: 3 800 m. Growing on a hillside under plants. Wild and frequent. S + H.
- HAM 151 - BGRC 27331 S. infundibuliforme 21.03.80 "
Dept. Potosi, prov. Linares, 31 km from Potosi on road to Tarija. Alt.: 3 800 m. Both species growing side by side, berries dropped and collected from ground. Wild and occasional. S.
- HAM 152 - BGRC 27332 S. megistacrolobum 21.03.80 "
Locality as HAM 150. Alt.: 3 800 m. Growing on a hillside under plants. Wild and frequent. S + H.
- HAM 153 - BGRC 27333 S. megistacrolobum? 21.03.80 "
Dept. Potosi, prov. Linares, 32 km from Potosi on road to Tarija (\pm 8 km before Cuchu Ingenio). Alt.: 3 740 m. Growing amongst stones and small cacti. Possibly introgressed with acaule. Wild and frequent. S.
- HAM 154 - BGRC 27334 S. megistacrolobum 21.03.80 65.44 17.49
Dept. Potosi, prov. Linares, 33 km from Potosi on road to Tarija. Alt.: 3 700 m. Growing amongst plants and stones. Wild and occasional. S.
- HAM 155 - BGRC 27335 S. infundibuliforme? 21.03.80 "
Locality as HAM 154. Alt.: 3 700 m. Growing amongst plants and stones. Wild and occasional. S.
- HAM 156 - BGRC 27336 S. infundibuliforme 21.03.80 "
Locality as HAM 154. Alt.: 3 700 m. Growing amongst plants and stones. Wild and occasional. S + H.

- HAM 157 - BGRC 27337 S. sucrensis 21.03.80 65.23 20.00 (+Targa)
Dept. Potosi, prov. Linares, 96,5 km from Potosi on road to Camargo.
Alt.: 3 060 m. Growing in shade of trees along a wall bordering a river. Wild and frequent. S + H.
- HAM 158 - BGRC 27338 S. sucrensis 21.03.80 65.12 20.12
Dept. Chuquisaca, prov. Nor Cinti, 125,5 km from Potosi on road to Camargo. Alt.: 3 260 m. Growing along the roadside on the end of a barley field. Wild and occasional. S.
- HAM 159 - BGRC 27339 S. megistacrolobum 21.03.80 "
Locality as HAM 158. Alt.: 3 260 m. Growing on a small hillside near a cultivated field. Wild and occasional. S.
- HAM 160 - S. vidaurrei? 22.03.80 64.55 20.50
Dept. Chuquisaca, prov. Sud Cinti, east of Camargo, outskirts Culpina. Alt.: 2 870 m. Growing among stones and tall herbs along a wall bordering a field. Wild and occasional. S + H.
- HAM 161 - BGRC 27341 S. oplocense? 22.03.80 "
Locality as HAM 160. Alt.: 2 870 m. Growing near HAM 160 and also in cereal field. All plants dead, however, several berries collected. Wild and frequent. S.
- HAM 162 - BGRC 27342 S. boliviense 22.03.80 64.51 20.44
Dept. Chuquisaca, prov. Nor Cinti, 61 km from Camargo on road to St. Helena. Alt.: 2 840 m. Growing in a fallow field. Wild and frequent. S + H. ↑ Elena
- HAM 163 - S. sucrensis 23.03.80 65.40 20.07
Dept. Potosi, prov. Linares, 35 km from Cucho Ingenio (road junction) to Cotagaita. Alt.: 3 000 m. Growing among trees along a wall bordering a field. Wild and frequent. H only.
via Toropataka
- HAM 164 - BGRC 27343 S. oplocense 23.03.80 65.42 20.22
Dept. Potosi, prov. Nor Chichas, 66 km from Cucho Ingenio (road junction) to Cotagaita. Alt.: 2 900 m. Probably some introgression by sucrensis or andigena. Growing in a cultivated field with beans and maize. Wild and abundant. S + H.
via Toropataka

- HAM 165 - S. oplocense? 24.03.80 65.38 20.51
Dept. Potosi, prov. Nor Chichas, 3 km from Cotagaita on road to
Tupiza. Alt.: 2 570 m. Growing under an Algarrobo shrub. Wild and
rare. H only.
- HAM 166 - BGRC 27344 S. oplocense? 24.03.80 65.45 21.00
Dept. Potosi, prov. Nor Chichas, 27 km from Cotagaita on road to
Tupiza. Alt.: 3 000 m. Growing around the edge of a maize field
with also some cultivated potatoes. Many plants dead (virus?).
Some introgression of andigena? Wild (semi primitiv) and frequent. S.
- HAM 167 - BGRC 27345 S. oplocense 24.03.80 65.45 21.07
Dept. Potosi, prov. Sud Chichas, 61 km from Cotagaita on road to
Tupiza. Alt.: 3 300 m. Some introgression of other species possible.
Growing amongst Algarrobo trees. Wild and frequent. S + H.
- HAM 168 - BGRC 27346 S. acaule 24.03.80 " "
Locality as HAM 167. Alt.: 3 300 m. Growing amongst grasses and
stones. Wild and rare. S.
- HAM 169 - BGRC 27347 S. oplocense 25.03.80 65.33 21.47
Dept. Potosi, prov. Modesto Omiste, 50 km from Tupiza on road to
Villazón. Alt.: 3 250 m. Growing among Algarrobo shrubs. Wild and
frequent. S + H.
- HAM 170 - BGRC 27348 S. tarijense 27.03.80 64.38 21.34
Dept. Tarija, prov. Cercado, 10 km from Tarija on road to Entre Rios.
Alt.: 2 900 m. Growing in the side of a large tree on a hill. Wild and
rare. S.
- HAM 171 - S. 27.03.80 64.29 21.28
Dept. Tarija, prov. Cercado, 34 km from Tarija on road to Entre Rios.
Alt.: 2 200 m. Growing at the base of a wall under small shrubs.
Wild and rare. H only.
- HAM 172 - BGRC 27349 S. tarijense? 27.03.80 64.30 21.25
Dept. Tarija, prov. Cercado, 42 km from Tarija on road to Entre Rios.
Alt.: 2 300 m. Growing amongst Algarrobo shrubs. Wild and frequent. S.

- HAM 173 - BGRC 27350 S. tarijense 27.03.80 ^u
Locality as HAM 172 but somewhat lower near river. Alt.: 2 280 m.
Growing along a river bank. Wild and frequent. S.
- HAM 174 - BGRC 27351 S. microdontum 27.03.80 ^{64.28 21.24}
Dept. Tarija, prov. Cercado, 53 km from Tarija on road to Entre Rios.
Alt.: 2 400 m. Growing on a steep slope as well as on a river bank.
Probably ssp. gigantophyllum. Wild and occasional. S.
- HAM 175 - BGRC 27352 S. microdontum ssp. gigantophyllum 27.03.80 ^u
Dept. Tarija, prov. Cercado, 54 km from Tarija on road to Entre Rios.
Alt.: 2 350 m. Growing on the base of a wall and on the edge of a
cereal field. Wild and frequent. S.
- HAM 176 - BGRC 27353 S. microdontum ssp. gigantophyllum 27.03.80 ^{64.26 21.24}
Dept. Tarija, prov. Cercado, 56 km from Tarija on road to Entre Rios.
Alt.: 2 200 m. Growing below the road on a steep roadside between
rocks. Wild and abundant. S.
- HAM 177 - BGRC 27354 S. microdontum ssp. gigantophyllum 27.03.80 ^{64.22 21.25}
Dept. Tarija, prov. Cercado, 69 km from Tarija on road to Entre Rios.
Alt.: 2 070 m. Growing near roadside on a hill. Wild and frequent. S.
- HAM 178 - S. microdontum ? 27.03.80 ^{64.21 21.26}
Dept. Tarija, prov. Cercado, 71 km from Tarija on road to Entre Rios.
Alt.: 2 170 m. Growing under trees and amongst grasses. Wild and
frequent. H lost.
- HAM 179 - BGRC 27355 S. microdontum? 27.03.80 ^{64.24 21.25}
Dept. Tarija, prov. Cercado, 60 km from Tarija on road to Entre Rios.
Alt.: 2 270 m. Growing in a small valley beneath the road on a hilly
side. Wild and occasional. S.
- HAM 180 - BGRC 27356 S. microdontum ssp. gigantophyllum 27.03.80 ^{64.26 21.24}
Dept. Tarija, prov. Cercado, 56 km from Tarija on road to Entre Rios.
Alt.: 2 400 m. Growing in a small valley. Wild and frequent. S.
- HAM 181 - BGRC 27357 S. chacoense 29.03.80 ^{64.30 22.27}
Dept. Tarija, prov. Arce, 59,5 km from Bermejo on road to Tarija.
Alt.: 720 m. Growing in the jungle, dense vegetation near roadside.
Wild and occasional. S.

- HAM 182 - S. 29.03.80 ^{64.40 22.12}
Dept. Tarija, prov. Arce, 100 km from Bermejo on road to Tarija.
Alt.: 940 m. Growing on the roadside in a dense vegetation. Wild
and small population. Herbarium lost in fire.
- HAM 183 - S. 29.03.80
Dept. Tarija, prov. Arce. Locality as HAM 182. Alt.: 940 m. In
dense humid vegetation by roadside. Probably S. chacoense. Only
one berry collected with unripe seeds. Wild and rare.
- HAM 184 - S. 31.03.80 ^{64.48 21.27}
Dept. Tarija, prov. Cercado, 22,5 km from Tarija on road to Villazon.
Alt.: 2 460 m. Growing amongst stones and herbs. Probably S. tarijense.
Wild and rare. Herbarium lost in fire.
- HAM 185 - S. 31.03.80
Dept. Tarija, prov. Cercado, locality as HAM 184. Alt.: 2 460 m.
Probalby S. leptophyes. Wild and rare. Herbarium lost in fire.
- HAM 186 - BGRC 27359 S. microdontum? 31.03.80 ^{64.52 21.27}
Dept. Tarija, prov. Cercado, 32 km from Tarija on road to Villazon.
Alt.: 3 050 m. Growing in a narrow gully in fairly dense vegetation.
Wild and frequent. S.
- HAM 187 - BGRC 27360 S. microdontum ssp. gigantophyllum 31.03.80
Dept. Tarija, prov. Cercado, locality as HAM 186. Alt.: 3 050 m.
Growing on a steep hillside beneath and along the road. Wild and
frequent. S.
- HAM 188 - BGRC 27361 S. acaule 31.03.80 ^{65.03 21-38}
Dept. Tarija, prov. Avilez, 79 km from Tarija on road to Villazon.
Alt.: 3 650 km. Growing between stones along roadside. Wild and
occasional. S.
- HAM 189 - BGRC 27362 S. acaule 31.03.80 ^{65.05 21.45}
Dept. Tarija, prov. Avilez, 97 km from Tarija on road to Villazon.
Alt.: 3 650 m. Growing in a small water gully. Wild and occasional. S.
- HAM 190 - BGRC 27363 S. megistacrolobum ? 31.03.80 ^{65-08 21.49}
Dept. Tarija, prov. Avilez, 105 km from Tarija on road to Villazon.
Alt.: 3 900.m. Growing amongst stones on hillside. Wild and frequent. S.

- HAM 191 - BGRC 27364 S. tuberosum ssp. andigena 01.04.80 65.40 20.38
Dept. Potosi, prov. Nor Chichas, 19 km from Cotagaita on road to Potosi. Alt.: 2 800 m. Growing in a maize field. Cultivated (?) and rare. S.
- HAM 192 - BGRC 27365 S. sucrense? 01.04.80 65.29 20.08 via Vitiiche
Dept. Potosi, prov. Nor Chichas, 90 km from Cotagaita on road to Potosi. Alt.: 3 030 m. Growing under large trees along wall bordering a field. Wild and occasional. S.
- HAM 193 - BGRC 27366 S. sucrense? 01.04.80 65.30 20.07
Dept. Potosi, prov. Nor Chichas, 95 km from Cotagaita on road to Potosi. Alt.: 3 050 m. Growing in a fallow field. Wild and rare. S.
- HAM 194 - BGRC 27367 S. tuberosum ssp. ^{andigena} ~~tuberosum~~ 01.04.80 "
Dept. Potosi, prov. Nor Chichas, locality as HAM 194. Alt.: 3 100 m. Cultivated field. Cultivated and frequent. S.
- HAM 195 - BGRC 27368 S. sucrense 01.04.80 65.33 20.03
Dept. Potosi, prov. Linares, 105 km from Cotagaita on road to Potosi. Alt.: 3 130 m. Growing amongst algarroba. Wild and rare. S + H.
- HAM 196 - BGRC 27369 S. tuberosum ssp. ^{andigena} ~~tuberosum~~ 01.04.80 "
Dept. Potosi, prov. Linares, locality as HAM 195. Alt.: 3 130 m. Growing near irrigation canal, probably escape of cultivation . Occasional. S.
- HAM 197 - BGRC 27370 S. sucrense 02.04.80 65.42 19.33
Dept. Potosi, prov. Frias, 5 km from Potosi on road to Betanzos. Alt.: 3 600 m. Growing on the base of a wall. Wild and occasional. S.
- HAM 198 - BGRC 27371 S. oplocense? 02.04.80 65.19 19.38
(Herbarium: S. sucrense like)
Dept. Potosi, prov. Saavedra, 19 km from turning point near Betanzos on the road to Turuchipa. Alt.: 3 200 m. Growing in the shade of large shrubs and trees. Wild and occasional. S + H.
- HAM 199 - BGRC 27372 S. megistacrolobum 02.04.80 65.10 19.45
Dept. Potosi, prov. Linares, 47 km from turning point near Betanzos on the road to Turuchipa. Alt.: 3 600 m. Growing amongst stones on a hill. Wild and frequent. S + H.

- HAM 200 - BGRC 27373 S. megistacrolobum 02.04.80 ^{65.09 19.44}
Dept. Potosi, prov. Linares, 50 km from turning point near Betanzos on the road to Turuchipa. Alt.: 3 800 m. Growing amongst stones on a steepy hillside. Wild and frequent. S + H.
- HAM 201 - BGRC 27374 S. megistacrolobum 02.04.80 ^{65.08 19.47}
Dept. Potosi, prov. Linares, 53 km from turning point near Betanzos on the road to Turuchipa. Alt.: 3 900 m. Growing amongst rocks. Possibly some introgression of other species? Wild and frequent. S + H.
- HAM 202 - BGRC 27375 S. megistacrolobum 03.04.80 ^{65.20 19.37}
Dept. Potosi, prov. Saavedra, 3 km from turning point near Betanzos on road to Esquire. Alt.: 3 240 m. Growing in a cultivated potato (andigena) field. Wild and rare. S.
- HAM 203 - BGRC 27376 S. astleyi (ined) 03.04.80 ^{65.17 19.38}
Dept. Potosi, prov. Saavedra, 11 km from turning point near Betanzos on road to Esquire. Alt.: 3 270 m. Growing under large shrubs. Wild and rare. S + H.
- HAM 204 - BGRC 27377 S. megistacrolobum 03.04.80 "
Dept. Potosi, prov. Saavedra, locality as HAM 203. Alt.: 3 270 m. Growing on the edge of a pea field. Wild and rare. S.
- HAM 205 - BGRC 27378 S. astleyi (ined) 03.04.80 "
(Probably some hybrids with S. megistacrolobum in this accession).
Dept. Potosi, prov. Saavedra, locality as HAM 204. Alt.: 3 270 m. Growing on the edge of a pea field. Wild and rare. S + H.
- HAM 206 - BGRC 27379 S. boliviense 03.04.80 "
Dept. Potosi, prov. Saavedra, 300 m further as HAM 204. Alt.: 3 300 m. Growing on the edge of a pea field. Plain green berries. Wild and frequent. S + H.
- HAM 207 - BGRC 27380 S. astleyi x S. megistacrolobum 03.04.80 "
Dept. Potosi, prov. Saavedra, locality as HAM 206. Alt.: 3 300 m. Growing in a field. Verrucose berries. Wild and frequent. S.
- HAM 208 - BGRC 27381 S. astleyi (ined) 03.04.80 "
Dept. Potosi, prov. Saavedra, locality as HAM 206. Alt.: 3 300 m. Growing in a field. Wild and rare. S + H.

- HAM 209 - BGRC 27382 S. astleyi (ined) 03.04.80 11
Dept. Potosi, prov. Saavedra, locality as HAM 206. Alt.: 3 300 m.
Growing in a field. Wild and occasional. S.
- HAM 210 - BGRC 27383 S. sucrense? 03.04.80 65.28 19.35
Dept. Potosi, prov. Saavedra, 6 km from Betanzos on the road to
Chinoli, near new bridge. Alt.: 3 120 m. Growing under large trees
on a wallside of a field. Wild and rare. S.
- HAM 211 - BGRC 27384 S. leptophyes? 03.04.80 65.24 19.34
Dept. Potosi, prov. Saavedra, 200 m from the mainroad Betanzos-Sucre
following a side road to Quivincha. Alt.: 3 240 m. Growing between
rocks. S.
- HAM 212 - BGRC 27385 S. boliviense 03.04.80 65.22 19.33
Dept. Potosi, prov. Saavedra, 13 km from turning point on the road
from Betanzos to Quivincha. Alt.: 3 250 m. Wild and rare. S + H.

Braunschweig, October, 1981