

A List of Herbarium Specimens Collected from Russia in the Expeditions of 2002, 2003 and 2005

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國府方吾郎¹・近藤勝彦²・Irina V. Tatarenko³ :
ロシアにおいて採集された種子植物の標本リスト

Japanese flora has been supposed to be most influenced from floristic elements of several countries in the Eastern Asia in the Eurasian Continent (e.g., Nakai 1935, Tokuda 1969, Ohwi 1981, Miyawaki 1977). Ohwi (1981) stated that the Japanese flora must be most closely related to Chinese one in the Eurasian countries. On the other hand, the Russian Federation (Russia) is adjacent to China in the Eurasian Continent, and the Russian floristic elements are also supposed to connect to the Japanese flora. For instance, Takahashi (2005) mentioned that many plants phytogeographically expanded to Japan from northern part of the Eurasian Continent including Russia, and hence he suggested further plant inventories in Russian plants must be necessary for considering origins of Japanese flora.

From 2002 to 2005, a collaborate project of "Evolutionary Botany of Certain Plant-Groups of the East Eurasian Floristic Element Related to Japanese Flora on the Basis of Chromosomes" was organized by the second author (KK) with Chinese, Japanese and Russian scientists. In the project, the first author (GK) had three botanical expeditions in Russia in 2002, 2003 and 2005, and collected seed plants (Spermatophyta) as herbarium specimens. In the present paper, we list the 369 herbarium specimens collected in the three expeditions. The herbarium specimens were deposited in the herbarium of National Science Museum, Tokyo (TNS).

AIZOACEAE

Galenia sp.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6607; TNS 9524691).

Galenia sp.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (GK 6662; TNS 9524741).

ALISMATACEAE

Alisma plantago L.

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Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (*GK 2506* ; TNS 9515040).

ARISTOLOCHIACEAE

Asarum sieboldii Miq.

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255 m alt., 12 ix 2003 (*GK 2858*; TNS 9517008).

ASCLEPIDACEAE

Cynoctonum purpureum (Pall.) Pobedim.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6596*; TNS 9524681).

BALSAMINACEAE

Impatiens furcillata Hemsl. ex Forb. & Hemsl.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2870*; TNS 9516399).

Impatiens grandiflora Hemsl.

Moscow: administrative district, close to Vernadskiy Prospect, Yugo-Zapadny. 3 ix 2002 (*GK 2509*; TNS 9515042).

Impatiens paraviflora DC.

Moscow: administrative district, close to Vernadskiy Prospect, Yugo-Zapadny. 3 ix 2002 (*GK 2510*; TNS 9515043).

BETULACEAE

Alnus japonica (Thunb.) Steud.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 17 ix 2003 (*GK 2803*; TNS 9516387).

Duschekia fruticosa (Rupr.) Pouzar

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6631*; TNS 9524712).

BORAGINACEAE

Consolida sp.

Orenbeurg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2545*; TNS 9515052).

Mertensia asiatica Macbride

Primorye Territory, Khasan District: near summit of Mt. Mramornay, vicinity of Mramornoe Village. 42° 34'11"N, 130° 48'26"E, 60m alt., 14 ix 2003 (*GK 3008*; TNS 9516434).

Mertensia asiatica Macbride

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (*GK 2943*; TNS 9516371).

CAMPANULACEAE

Adenophola stenanthina (Ledeb.) Kitagawa

Buryat Republic: near temple at the boarder with Irkutsk Province, Tunkinskiy District. 51° 47'29.1"N, 103° 12'36.2"E, 705m alt., 7 viii 2005 (GK 6678; TNS 9524755).

Campanula cephalotes Fish. ex A. DC.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (GK 2725; TNS 9516347).

Campanula glomerata Hegetschw.

Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (GK 6672; TNS 9524750).

Lobelia sessilifolia Lamb.

Primorye Territory, Khasan District: near Village Ryaznovka. 42° 46'38"N, 131° 15'73"E, 5 m alt., 15 ix 2003 (GK 2769; TNS 9517020); Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'13"N, 130° 48'35"E, 30m alt., 14 ix 2003 (GK 2700; TNS 9516200).

Platycodon grandiflorum A. DC.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (GK 2716; TNS 9516327).

CAPRIFOLIACEAE*Ronicera pallasii* Ledeb.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6644 ; TNS 9524724).

Sambucus sibirica Nakai

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (GK 6654 ; TNS 9524733).

CARYOPHLLACEAE*Dianthus campestris* Bieb.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (GK 2597 ; TNS 9514832).

Dianthus chinensis L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (GK 2718; TNS 9516325); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4 km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (GK 2811; TNS 9517026).

Dianthus uralensis Korsh

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (GK 2558 ; TNS 9515022).

Dianthus versioclar Fisch. ex Linl.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 3 viii 2005 (GK 6576 ; TNS 9524663); Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (GK 6679 ; TNS 9524756); Buryat Republic: Zagustayskiy Val Hill, vicinity Takhoy Village, Selenginskiy District. 51° 21'14.5"N, 106° 32'50.3"E, 689m alt., 3 viii 2005

(GK6572 ; TNS 9524660).

Dianthus sp.

Irkutsk Province: near Hotel Sobolinoye, Baikal City, Sludyanskiy District. 51° 30'50.4"N, 104° 07'18.6"E, 554m alt., 6 viii 2005 (GK 6647 ; TNS 9524727; naturalized).

Gypsophila pacifica Komarov

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (GK 2944 ; TNS 9516375).

Silene jenisensis Wild.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 17 ix 2003 (GK 2787 ; TNS 9516994).

Silene sibirica Pers.

Orenburg: 4km E from Belyaevka. 51° 22' 45.4"N, 56° 36'34.6"E, 13m alt., 7 ix 2002 (GK 2626 ; TNS 9514784).

Silene wolgensis Bess. ex Spreng.

Orenburg: road side near by village of Fedorovka. 51° 50' 26.1"N, 56° 11'21.5"E, 125m alt., 5 ix 2002 (GK 2573 ; TNS 9514771).

Stellaria graminea Cham. & Schlecht.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6625 ; TNS 9524706).

CHENOPODIACEAE

Camphorosma monspeliacum L.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (GK 2618 ; TNS 9514749).

Kochia prostrata Schrad.

Buryat Republic: Zagustayskiy Val Hill, vicinity Takhoy Village, Selenginskiy District. 51° 21'14.5"N, 106° 32'50.3"E, 689m alt., 3 viii 2005 (GK 6571 ; TNS 9524644).

Nanophyton erinaceum Bunge

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (GK 2613 ; TNS 9514847).

Suaeda sp.

Orenburg: 20km W from Belyaevka. 51° 17' 13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (GK 2635 ; TNS 9514790).

COMPOSITAE

Achillea millefolium Ledeb.

Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (GK 2497 ; TNS 9515056); Orenburg: recreation area, near by city of Saraktash. 51° 49' 42.5"N, 56° 22'26.3"E, 135m alt., 5 ix 2002 (GK 2529 ; TNS 9515016); Orenburg: 20km W from Belyaevka. 51° 17' 13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (GK 2634 ; TNS 9514789); Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6614 ; TNS 9524698); Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (GK 6579 ; TNS 9524665);

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6626* ; TNS 9524707).

Achillea nobilis L.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2551*; TNS 9514753).

Achyrophorus ciliatus Sch. Bip.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2746* ; TNS 9516363).

Adenocaulon adhaerescens Maxim.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2831*; TNS 9516307); Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 3012* ; TNS 9516298).

Ambrosia artemisifolia L.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 16 ix 2003 (*GK 2782* ; TNS 9516955); Primorye Territory, Partizansk District: Partizanka River. 43° 03'81"N, 133° 09'16"E, 3m alt., 20 ix 2003 (*GK 2861* ; TNS 9516294).

Anthemis trotzkiana Claus

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2555* ; TNS 9514757).

Artemisa annua L.

Primorye Territory, Partizansk District: Partizanka River. 43° 03'81"N, 133° 09'16"E, 3m alt., 20 ix 2003 (*GK 2859* ; TNS 9516405).

Artemisia abrotanum Habl.

Orenburg: southern part of Orenburg City. 51° 31'13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2527* ; TNS 9515019).

Artemisia absinthium L.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2544* ; TNS 9514778).

Artemisia austriaca Jacq.

Orenburg: recreation area, near by city of Saraktash. 51° 49' 42.5"N, 56° 22'26.3"E, 135m alt., 5 ix 2002 (*GK 2536* ; TNS 9515004); Orenburg: Sol-Iletsk City. 51° 09' 31.0"N, 55° 01'56.6"E, 23m alt., 6 ix 2002 (*GK 2622* ; TNS 9514781).

Artemisia campestris Auct. Hisp. ex Willk. & Lange

Orenburg: Sol-Iletsk City. 51° 09'31.0"N, 55° 01'56.6"E, 23m alt., 6 ix 2002 (*GK 2620* ; TNS 9514751).

Artemisia commutata Bess.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 3, viii, 2005 (*GK 6575* ; TNS 9524662).

Artemisia frigida Eichw.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6562* ; TNS 9524640).

Artemisia gmelini Fisch. ex Bess.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003 (*GK 3024* ; TNS 9516396); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4 km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 16 ix 2003 (*GK 2786* ; TNS 9516957); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4 km from Turiy Rog City. 45°11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2799* ; TNS 9516384); Buryat Republic: shore of Krugloye Lake, Selenginskiy District. 51° 23'32.9"N, 106° 30'52.1"E, 700m alt., 4 viii 2005 (*GK 6587* ; TNS 9524673).

Artemisia japonica Less.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2732* ; TNS 9516357).

Artemisia keiskeana Miq.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2720* ; TNS 9516342); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4 km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 17 ix 2003 (*GK 2804* ; TNS 9516390); Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130 m alt., 20 ix 2003 (*GK 2884* ; TNS 9516124); Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2901* ; TNS 9516414).

Artemisia lerceana Kar. & Kir

Orenburg: southern part of Orenburg. 51° 31'13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2589* ; TNS 9514825).

Artemisia lessingiana Bess.

Orenburg: southern part of Orenburg. 51° 31'13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2588* ; TNS 9514824); Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16'22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK. 2603* ; TNS 9514838).

Artemisia macilenta (Maxim.) Krasch.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2798* ; TNS 9516383).

Artemisia manshurica (Komarov) Komarov

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003 (*GK 2691* ; TNS 9516211); Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 14 ix 2003 (*GK 3018* ; TNS 9516122); Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2871* ; TNS 9516400).

Artemisia salsoloides Willd.

Orenburg: chalk hills, Chesnokovka. 51°41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2557* ; TNS 9514759).

Artemisia santonica Lam.

Orenburg: 20km W from Belyaevka. 51°17'13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (*GK 2522* ; TNS 9515027).

Artemisia scoparia Waldst & Kit.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130°

46°30'E, 1m alt., 15 ix 2003 (*GK 3017* ; TNS 9516354); Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6584* ; TNS 9524670).

Artemisia sieversiana Willd.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6582* ; TNS 9524668).

Artemisia stelleri Stev. ex Ledeb.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (*GK 2762* ; TNS 9516370).

Artemisia stenophylla Kitam.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2873* ; TNS 9516227).

Artemisia stolonifera (Maxim.) Komarov

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 17 ix 2003 (*GK 2808* ; TNS 9516393).

Artemisia umbrosa Turcz. ex DC.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2788* ; TNS 9516265).

Artemisia vulgaris Burm. f.

Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (*GK 2502* ; TNS 9515036).

Artemisia sp.

Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (*GK 2521* ; TNS 9515028).

Artemisia sp.

Primorye Territory, Khasan District: Razdolnoe Village. 43° 32'35"N, 131° 53'90"E, 100m alt., 13 ix 2003 (*GK 2678* ; TNS 9516305).

Artemisia sp.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6581* ; TNS 9524667).

Aster ageratoides Turcz.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2743* ; TNS 9516191); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 17 ix 2003 (*GK 2810* ; TNS 9516395).

Aster alpinus Gueldenst. ex Ledeb.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 3 viii 2005 (*GK 6574* ; TNS 9524661).

Aster tataricus L. f.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2747* ; TNS 9516356).

Atractylodes obata L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2727* ; TNS 9516349).

Cacalia komarociana (Pojark.) Pojark

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (GK 2828 ; TNS 9516951).

Cadiscus aquaticus E. Mey.

Orenburg: road side near by village of Fedorovka. 51° 50' 26.1"N, 56° 11'21.5"E, 125m alt., 5 ix 2002 (GK 2541 ; TNS 9515026).

Carpesium macrocephalum Franch. & Sav.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2868 ; TNS 9516217).

Centaurea marschaliana Spreng.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (GK 2615 ; TNS 9514849).

Chorisis repens DC.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (GK 2760 ; TNS 9516378).

Cichorium intybus L.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (GK 2550 ; TNS 9514780).

Cirsium asiaticum Schischk.

Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (GK 6668 ; TNS 9524747).

Cirsium setosum Bieb.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2864 ; TNS 9516215).

Cirsium heterophyllum Hill

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6639 ; TNS 9524719).

Cirsium pendulum Fisch. ex DC.

Primorye Territory, Khasan District: Razdolnoe Village. 43° 32'35"N, 131° 53'90"E, 100m alt., 13 ix 2003 (GK 2681 ; TNS 9516360).

Crepis pannonica C. Koch

Orenburg: 4km E from Belyaevka. 51° 22' 45.4"N, 56° 36'34.6"E, 13m alt., 7 ix 2002 (GK 2624 ; TNS 9514782).

Dendranthema chanetii (Levl.) C. Shih

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (GK 2712 ; TNS 9516338).

Dendranthema maximoviczii (Komarov) Tzvelev

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'50"N, 133° 01'38"E, 405m alt., 21 ix 2003 (GK 2898 ; TNS 9516417); Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 3 viii 2005 (GK 6577 ; TNS 9524664).

Dendranthema pacificum (Nakai) Kitam.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'48"N, 133° 01'29"E, 461m alt., 21 ix 2003 (*GK 2904* ; TNS 9516420).

Dendranthema pallasianum (Fisch. & Besser) Vorosh.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 85m alt., 17 ix 2003 (*GK 2809* ; TNS 9516394).

Dendranthema sp.

Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (*GK 6689* ; TNS 9524764).

Doellingeria scabra Nees

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2705* ; TNS 9516316).

Erigeron oharai (Nakai) Botsch.

Primorye Territory, Khasan District: way to seaside, vicinity of Mramornoe Village. 42° 34'14"N, 130° 48'49"E, 45m alt., 14 ix 2003 (*GK 2736* ; TNS 9516435).

Erigeron sp.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6665* ; TNS 9524744).

Eupatorium cannabinum L.

Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (*GK 2642* ; TNS 9514996).

Eupatorium lindenianum A. Rich.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'13"N, 130° 48'35"E, 30m alt., 14 ix 2003 (*GK 2702* ; TNS 9516291).

Eupatorium lindleyanum DC.

Primorye Territory, Khasan District: near Village Ryaznovka. 42° 46'38"N, 131° 15'73"E, 5m alt., 15 ix 2003 (*GK 2770* ; TNS 9516949).

Filifolium sibiricum (L.) Kitam.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6588* ; TNS 9524674).

Galatella angustissima Novopokr.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2569* ; TNS 9514767).

Galatella dahurica DC.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (*GK 2686* ; TNS 9516204).

Galatella tatarica Nym.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2607* ; TNS 9514842).

Galatella villosa Reichb. f.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2556* ; TNS 9514758).

Gatella angustissima (Tausch) Novopokr.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK. 2614* ; TNS 9514848).

Helichrysum arenarium Moench

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2565* ; TNS 9514764); Orenburg: Sol-Iletsk City. 51° 09' 31.0"N, 55° 01'56.6"E, 23m alt., 6 ix 2002 (*GK 2619* ; TNS 9514750).

Heteropappus altaicus Novopokrov.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6580* ; TNS 9524666); Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6561* ; TNS 9524654).

Heteropappus hispidus (Thunb.) Less. var. *meyendorffii* (Regel & Maack) Zdorov'eva

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (*GK 2759* ; TNS 9516267).

Hetelopappus sp.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'50"N, 133° 01'38"E, 405m alt., 21 ix 2003 (*GK 2905* ; TNS 9516252).

Heteropappus sp.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003(*GK 2690* ; TNS 9516270).

Heteropappus sp.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6599* ; TNS 9524684).

Hieracium echioides Lumnitz.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2563* ; TNS 9514762).

Hieracium pannonicum Jacq.

Orenburg: southern part of Orenburg. 51° 31' 13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2596* ; TNS 9514831).

Hieracium umbellatum L.

Moscow: administrative district, close to Vernadskiy Prospect, Yugo-Zapadnyy. 3 ix 2002 (*GK 2512* ; TNS 9515045); Primorye Territory, Kankaiskiy District: Razdolnoe Village. 43° 32'35"N, 131° 53'90"E, 100m alt., 13 ix 2003 (*GK 2677* ; TNS 9516304); west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 16 ix 2003 (*GK 2987* ; TNS 9517148).

Hieracium virosum E. H. L. Krause

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2570* ; TNS 9514768); Orenburg: 4km E from Belyaevka. 51° 22' 45.4"N, 56° 36'34.6"E, 13m alt., 7 ix 2002 (*GK 2628* ; TNS 9514786); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2800* ; TNS 9516386).

Hieracium sp.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6598* ; TNS 9524683).

Hieracium sp.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6629* ; TNS 9524710).

Inula britannica Bieb.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2602* ; TNS 9514837); Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (*GK 2644* ; TNS 9515001); Buryat Republic: shore of Krugloye Lake, Selenginskiy District. 51° 23'32.9"N, 106° 30'52.1"E, 700m alt., 4 viii 2005 (*GK 6592* ; TNS 9524677); Irkutsk Province: behind of a gas station near Baikalsk City, 200m from the bridge across Solzan River, Sludyanskiy District. 51° 31'04.1"N, 104° 07'49.3"E, 513m alt., 6 viii 2005 (*GK 6646* ; TNS 9524726).

Inula helenium L.

Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (*GK 2638* ; TNS 9514994).

Inula salicina Bunge

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2749* ; TNS 9516269).

Inula sp.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'13"N, 130° 48'35"E, 30m alt., 14 ix 2003 (*GK 2701* ; TNS 9516308).

Inula sp.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 15 ix 2003 (*GK 2683* ; TNS 9517011).

Inula sp.

Primorye Territory, Kankaikskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 17 ix 2003 (*GK 2814* ; TNS 9516997).

Inula sp.

Primorye Territory, Kankaikskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'84"N, 131° 59'66"E, 45m alt., 17 ix 2003 (*GK 2966* ; TNS 9516983).

Inula sp.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2865* ; TNS 9516219).

Inula sp.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2888* ; TNS 9516239).

Jurinea arachnoidea Bunge

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2611* ; TNS 9514846).

Jurinea polyclonos DC.

Orenburg: Sol-Iletsk City. 51° 09' 31.0"N, 55° 01'56.6"E, 23m alt., 6 ix 2002 (*GK 2621* ; TNS 9514752).

Kalimeris incisa (Fisch.) DC.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (*GK 3047* ; TNS 9516119); Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2886* ; TNS 9516257).

Lactuca denticulata Maxim.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2733* ; TNS 9516315).

Lactuca serriola L.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2517* ; TNS 9515054).

Lactuca subirica Benth. ex Maxim.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6613* ; TNS 9524697).

Lactuca tatarica (L.) C. A. Mey

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2543* ; TNS 9515047).

Lactuca triangulata Maxim.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2834* ; TNS 9516952).

Lactuca sp.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6663* ; TNS 9524742).

Leontopodium ochroleucum Beauverd

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6564* ; TNS 9524641).

Leucanthemella linearis (Matsum.) Tzvelev

Primorye Territory, Khasan District: near Village Ryaznovka. 42° 46'38"N, 131° 15'73"E, 5m alt., 19 ix 2003 (*GK 2765* ; TNS 9516367).

Leucanthemum vulgare Lam.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6602* ; TNS 9524687).

Ligularia sibirica Cass.

Irkutsk Province: Tibeldi Village, Sludyanskiy District. 51° 46'25.3"N, 103° 14'29.6"E, 692m alt., 7 viii 2005 (*GK 6676* ; TNS 9524753).

Ligularia spledens (Leveille & Vaniot) Nakai

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2875* ; TNS 9516223).

Neopallasia pectinata (Pall.) P. Poljakov

Buryat Republic: Village Ivolga, Ivolginskiy District. 51° 45'03.4"N, 107° 17'55.9"E, 570m alt., 3 viii 2005 (*GK 6570* ; TNS 9524659).

Paraixeris denticulata (Houtt.) Nakai

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2937* ; TNS 9516351); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 17 ix 2003 (*GK 2805* ; TNS 9516391); Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2878* ; TNS 9516409).

Picris koreana (Kitam.) Vorosh.

Primorye Territory, Khasan District: Gusevka Village. 43° 20'23"N, 131° 35'18"E, 130m alt., 13 ix 2003 (GK 2680 ; TNS 9516210).

Prenanthes maximoviczii Kirpicz.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (GK 2750 ; TNS 9516355).

Ptarmica impatiens DC.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6635 ; TNS 9524716).

Saussurea amara DC.

Buryat Republic: Tori Village, Tnnkinskiy District. 51° 46'16.6"N, 102° 57'04.9"E, 712m alt., 7 viii 2005 (GK 6677 ; TNS 9524754).

Scorzonera albicaulis Bunge

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (GK 2748 ; TNS 9516195).

Senecio grandidentatus Ledeb.

Orenburg: recreation area, near by city of Saraktash. 51° 49' 42.5"N, 56° 22'26.3"E, 135m alt., 5 ix 2002 (GK 2535 ; TNS 9515006); Orenburg: southern part of Orenburg. 51° 31'13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (GK 2595 ; TNS 9514830); Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (GK 2537 ; TNS 9515000); Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (GK 2643 ; TNS 9514999).

Senecio millefolium Torr. & Gray

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6624 ; TNS 9524650).

Senecio nemorensis L.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (GK 6660 ; TNS 9524739).

Senecio pauciflorus Baker

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (GK 2554 ; TNS 9514756).

Senecio pseudo-amica Less.

Primorye Territory, Khasan District: near summit of Mt. Mramornay, vicinity of Mramornoe Village. 42° 34'11"N, 130° 48'26"E, 60m alt., 14 ix 2003 (GK 2731 ; TNS 9516352).

Senecio thuretii Aitch.

Orenburg: Orenburgsky Reserve Area, Burtinskaya. 51° 13'44.6"N, 56° 39'59.4"E, 214m alt., 7 ix 2002 (GK 2645 ; TNS 9515002); Orenburg: southern part of Orenburg. 51° 31' 13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (GK 2593 ; TNS 9515033).

Solidago dahurica Kitagawa

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6633 ; TNS 9524714).

Solidago pacifica Juzepczuk

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (GK 2706 ; TNS 9516361); Primorye Territory, Khasan District: vicinity

of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2722* ; TNS 9514345); Primorye Territory, Khasan District: near Village Ryaznovka. 42° 46'38"N, 131° 15'73"E, 5m alt., 15 ix 2003 (*GK 2771* ; TNS 9516369); Primorye Territory, Partizansk District; Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2841* ; TNS 9516990); Lozoviy Range (former name is Uhandolaz). 43° 02'70"N, 133° 02'44"E, 151m alt., 21 ix 2003 (*GK 2891* ; TNS 9516412); Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2826* ; TNS 9516973).

Solidago virga-aurea Auct.

Moscow: administrative district, close to Vernadskiy Prospect, Yugo-Zapadny. 3 ix 2002 (*GK 2511* ; TNS 9515049).

Sonchus arvensis L.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2744* ; TNS 9516190); Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (*GK 2505* ; TNS 9515039); Primorye Territory, Khasan District: Razdolnoe Village. 43° 32'35"N, 131° 53'90"E, 100m alt., 13 ix 2003 (*GK 2777* ; TNS 9516266); Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2734* ; TNS 9516365).

Sonchus oleraceus L.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'89"N, 130° 46'30"E, 1m alt., 15 ix 2003 (*GK 2758* ; TNS 9516377).

Syneilesis aconitifolia (Bunge) Maxim.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2704* ; TNS 9512317).

Tanacetum kittaryanum (C. A. Mey.) Tzvelev

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2604* ; TNS 9514839).

Tanacetum seotinum Sch. Bip.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK 2548* ; TNS 9514779).

Tanacetum uralense (Kraschen.) Tzvelev

Orenburg: Nature Reservation "Andreevskie Shishi" (in Russian), Andreevka village. 51° 57' 05.0"N, 56° 38'10.2"E, 194m alt., 5 ix 2002 (*GK 2575* ; TNS 9514773).

Tanacetum vulgare L.

Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (*GK 2500*; TNS 9515034); Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6603* ; TNS 9524688).

Tanacetum sp.

Orenburg: southern part of Orenburg. 51° 31'13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2592* ; TNS 9514828).

Taraxacum dissectum Ledeb.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2606* ; TNS 9514841).

Taraxacum officinale Weber

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 13 ix 2003 (*GK* 2698 ; TNS 9516398).

Taraxacum serotinum Poir

Orenburg: road side near by village of Fedorovka. 51° 50' 26.1"N, 56° 11'21.5"E, 125m alt., 5 ix 2002 (*GK* 2524 ; TNS 9515023).

Taraxacum sp.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK* 6585 ; TNS 9524671).

Tragopogon major Jacq.

Orenburg: road side, near western boader of Orenburg. 51° 43'46.9"N, 54° 55'19.1"E, 65m alt., 4 ix 2002 (*GK* 2547 ; TNS 9515031).

Trichogonia sp.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK* 2612 ; TNS 9515024).

Tripleurospermum perforatum (Merat) M. Lainz

Moscow: road side, close to the railway station of Shalikovo. 1 ix 2002 (*GK* 2503; TNS 9515037);
Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK* 2608 ; TNS 9514843).

Tripolium pannonicum Schur

Orenburg: 20km W from Belyaevka. 51° 17' 13.0"N, 56° 36'10.9"E, 182m alt., 4 ix 2002 (*GK* 2640 ; TNS 9514795).

CONVOLVULACEAE

Convolvulus arvensis L.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK* 2525 ; TNS 9515021).

CRASSULACEAE

Sedum aizoon L.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK* 6567 ; TNS 9524643); Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK* 6593 ; TNS 9524678).

Sedum selskianum Regel & Maack.

Primorye Territory, Khasan District: near summit of Mt. Mramornay, vicinity of Mramornoe Village. 42° 34'11"N, 130° 48'26"E, 60m alt., 14 ix 2003 (*GK* 2726 ; TNS 9516433); Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK* 2745 ; TNS 9516314); Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK* 2792 ; TNS 9516263).

Sedum ussuriense Komarov

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'50"N, 133° 01'38"E, 405m alt., 21 ix 2003 (*GK* 2903 ; TNS 9516419).

Sedum viviparum Maxim.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'50"N, 133° 01'38"E, 405m alt., 21 ix 2003 (GK 2906 ; TNS 9516426).

CRUCIFERAE*Berteoa incana* DC.

Orenburg: road side near by village of Fedorovka. 51° 50'26.1"N, 56° 11'21.5"E, 125m alt., 5 ix 2002 (GK2574 ; TNS 9514772).

Cardamine regeliana Miq.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2874 ; TNS 9516404).

CYPERACEAE*Cyperus* sp.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 17 ix 2003 (GK 2812 ; TNS 9516966).

DIPSACACEAE*Scabiosa comosa* Fisch. ex Roem. & Schult.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (GK 6597 ; TNS 9524682).

Scabiosa isetensis Colm

Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (GK 2636 ; TNS 9514791).

Scabiosa lachnopylla Kitagawa

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (GK 2687 ; TNS 9516205).

Scabiosa ochroleuca L.

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (GK 2553 ; TNS 9514755).

Scabiosa sp.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'13"N, 130° 48'35"E, 30m alt., 14 ix 2003 (GK 2703 ; TNS 9516220).

EPHEDRACEAE*Ephedra distachya* Brot.

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (GK 2552 ; TNS 9514754); Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 4 ix 2002 (GK 2637 ; TNS 9514792).

ERICACEAE*Ledum palustre* L.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6618 ; TNS 9524702).

Ramischia sp.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2851* ; TNS9516959).

Rhododendron schlippenbachii Maxim.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2715* ; TNS 9516328).

GENTIANACEAE*Gentiana barbata* Froel.

Irkutsk Province: near cross of the Republic Road M55 and railway, near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (*GK 6673* ; TNS 9524653).

Gentiana squarrosa Ledeb.

Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (*GK 6687* ; TNS 9524762).

Gentiana triflora Pall.

Primorye Territory, Khasan District: near Village Ryaznovka. 42° 46'38"N, 131° 15'73"E, 5m alt., 15 ix 2003 (*GK 2768* ; TNS 9517021).

Swertia chinensis Franch.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2711* ; TNS 9516339).

GERANIACEAE*Geranium transbasicalicum* Sergivsk.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6622* ; TNS 9524704).

GRAMINEAE*Agropyron cristatum* Beauv.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6569* ; TNS 9524658).

Agropyron pectinatum Beauv.

Orenburg: 4km E from Belyaevka. 51° 22' 45.4"N, 56° 36'34.6"E, 13m alt., 7 ix 2002 (*GK 2625* ; TNS 9514783).

Phragmites japonica Steud.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2801* ; TNS 9516385).

LABIATAE*Dracocephalum foetidum* Bunge

Buryat Republic: right shore of Selenga River near Sayantny Village, Tarbagatayskiy District. 51° 40'18.9"N, 107° 25'52.0"E, 553m alt., 4 viii 2005 (*GK 6601* ; TNS 9524686).

Lamium album Desf.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6659* ; TNS 9524738).

Panzeria lanata Bunge

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6589* ; TNS 9524646).

Rabdosia excisa (Maxim.) Hara

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2982* ; TNS 9516969).

Salvia stepposa Desiat.-Shost.

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2560* ; TNS 9514761); Orenburg: southern part of Orenburg. 51° 31' 13.8"N, 55° 04'11.5"E, 32m alt., 6 ix 2002 (*GK 2591* ; TNS 9514827).

Schizonepeta multifida (L.) Briq.

Buryat Republic: shore of Krugloye Lake, Selenginskiy District. 51° 23'32.9"N, 106° 30'52.1"E, 700m alt., 4 viii 2005 (*GK 6591* ; TNS 9524676).

Scutellaria ussuriensis (Regel) Kudo

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2882* ; TNS 9516231).

Thymus guberlinensis Iljin

Orenburg: Nature Reservation "Andreevskie Shishi" (in Russian), Andreevka village. 51° 57' 05.0"N, 56° 38'10.2"E, 194m alt., 5 ix 2002 (*GK 2577* ; TNS 514775).

Thymus przewalskii Nakai

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (*GK 2788* ; TNS 9516265).

Thymus serphyllum L.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6568* ; TNS 9524657).

Ziziphora sp.

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2646* ; TNS 9514796).

LEGUMINOSAE

Astragalus testiculatus Pall.

Orenburg: Nature Reservation "Andreevskie Shishi" (in Russian), Andreevka village. 51° 57'05.0"N, 56° 38'10.2"E, 194m alt., 5 ix 2002 (*GK 2576* ; TNS 9514774).

Astragalus tenuifolius Desf.

Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (*GK 2632* ; TNS 9514788).

Astragalus sp.

Buryat Republic: camping Center of Schuchie Lake "Olimp", Selenginskiy District. 51° 25'00.9"N, 106° 31'43.4"E, 702m alt., 4 viii 2005 (*GK 6583* ; TNS 9524669).

Oxytropis chankaensis Jurtzev

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 17 ix 2003 (*GK 2789* ; TNS 9516963).

Trifolium lupinaster L.

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6600* ; TNS 9524685).

Vicia unijuga A. Br.

Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (*GK 6667* ; TNS 9524746).

LILIACEAE

Allium globosum Bieb.

Orenburg: close to Boevaya Gora village, Mt. Boevaya Gora. 51° 16' 22.1"N, 54° 54'39.7"E, 65m alt., 6 ix 2002 (*GK 2617* ; TNS 9514748).

Allium senescens L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003 (*GK 2695* ; TNS 9516295).

Clintonia udensis Trautv. & Mey.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2911* ; TNS 9516222); Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2842* ; TNS 9517003); Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2845* ; TNS 9516991).

Convallaria keiskei Miq.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2876* ; TNS 9516224).

Disporum viridescens Nakai

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2867* ; TNS 9516218).

Lilium dahuricum Hort. ex Reuthe

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6604* ; TNS 9524647).

Lilium distichum Nakai

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2857* ; TNS 9517025).

Lilium pumilum Hort. Bouch. ex Kunth

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (*GK 6594* ; TNS 9524679).

Paris hexaphylla Cham.

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2853* ; TNS 9516964).

Paris quadrifolia L.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy

District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6634* ; TNS 9524715); Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6658* ; TNS 9524737).

Polygonatum odoratum (Mill.) Druce

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2721* ; TNS 9516343); Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6623* ; TNS 9524705); Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (*GK 6686* ; TNS 9524761).

Polygonatum sp.

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (*GK 2854* ; TNS 9516988).

Smilacina hirta Maxm.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2829* ; TNS 9516972); Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2910* ; TNS 9516221).

LYTHRACEAE

Lythrum salicaria L.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'84"N, 131° 59'66"E, 45m alt., 17 ix 2003 (*GK 2821* ; TNS 9516968).

MENYANTHACEAE

Nymphoides peltatum Britt. & Rendle

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 17 ix 2003 (*GK 2815* ; TNS 9517027).

ONAGARACEAE

Chamerion latifolium (L.) Holub

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6655* ; TNS 9524734).

Chamerion angustifolium (L.) Holub

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 17 ix 2003 (*GK 2802* ; TNS 9516388).

Circaea alpina L.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2843* ; TNS 9517023).

Epilobium sp.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2881* ; TNS 9516229).

PAEONIACEAE

Paeonia lactiflora Pallas f.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2872 ; TNS 9516296).

Paeonia obovata Maxim.

Primorye Territory, Shkotovo District: way to Mt. Livadiyskaya (former name is Pidan). 43° 07'36"N, 132° 42'36"E, 255m alt., 19 ix 2003 (GK 2856 ; TNS 9517000).

Papaveraceae

Corydalis ochotensis Turcz.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (GK 2883 ; TNS 9516228).

Papaver amurense Hort. ex Karrer

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 17 ix 2003 (GK 2791 ; TNS 9516264).

PARNASSIACEAE

Parnassia palustris L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (GK 2930 ; TNS 9516334).

PINACEAE

Pinus funebris Kom.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 10'15"N, 131° 59'74"E, 65m alt., 17 ix 2003 (GK 2806 ; TNS 9516392).

PLANTAGINACEAE

Plantago minor Fries

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2869 ; TNS 9516125).

PLUMBAGINACEAE

Goniolimon speciosum Boiss.

Buryat Republic: Zagustayskiy Val Hill, vicinity Takhoy Village, Selenginskiy District. 51° 21'14.5"N, 106° 32'50.3"E, 689m alt., 3 viii 2005 (GK 6573 ; TNS 9524645).

Limonium gmelinii Kuntze

Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 4 ix 2002 (GK 2639; TNS 9514794); Orenburg: 4km E from Belyaevka. 51° 22' 45.4"N, 56° 36'34.6"E, 13m alt., 7 ix 2002 (GK 2627 ; TNS 9514785).

POLEMONIACEAE

Polemonium caeruleum L.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6611 ; TNS 9524695).

POLYGALACEAE

Polygala × hybrida Bruegg.

Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (GK 6674 ; TNS 9524751).

POLYGONACEAE

Polygonum aviculare L.

Orenburg: recreation area, near by city of Saraktash. 51° 49'42.5"N, 56° 22'26.3"E, 135m alt., 5 ix 2002 (GK 2533 ; TNS 9515010).

Polygonum sp.

Orenburg: 20km W from Belyaevka. 51° 17'13.0"N, 56° 36'10.9"E, 182m alt., 7 ix 2002 (GK 2638 ; TNS 9514793).

Rumex acetosella Holl. ex Meissn

Primorye Territory, Partizansk District: Partizanka River. 43° 03'81"N, 133° 09'16"E, 3m alt., 20 ix 2003 (GK 2860 ; TNS 9516407).

PONTEDERIACEAE

Monochoria korsakowii Regel & Maack.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 15 ix 2003 (GK 2753 ; TNS 9516201).

PRIMULACEAE

Androsace filiformis Retz.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (GK 2877 ; TNS 9516225).

Lysimachia clethroides Duby.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (GK 2890 ; TNS 9516188).

Lysimachia davurica Ledeb.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'81"N, 131° 59'73"E, 45m alt., 16 ix 2003 (GK 2781 ; TNS 9516954).

PYROLACEAE

Orthilia secunda House

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6642 ; TNS 9524722).

Pyrola asarifolia Michx.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6627 ; TNS 9524708).

RANUNCULACEAE

Aconitum berbetum Patr. ex Pers.

Irkutsk Province: near cross of the Republic Road M55 and railway, near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (*GK 6671* ; TNS 9524652).

Aconitum czekanovskyi Steinb.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6610* ; TNS 9524694).

Aconitum volubile Koelle

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6653* ; TNS 9524732).

Aconitum sp.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6652* ; TNS 9524731).

Actaea erythrocarpa Fisch. ex Fisch. & Mey.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6628* ; TNS 9524709).

Clematis hexapetala L. f.

Primorye Territory, Kankaiskiy District: west shore of Khanka Lake, 4km from Turiy Rog City. 45° 11'46"N, 131° 59'58"E, 45m alt., 21 ix 2003 (*GK 2794* ; TNS 9516261).

Clematis mandschurica Rupr.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2900* ; TNS 9516189).

Clematis serratifolia Rehder

Primorye Territory, Partizansk District: Partizanka River. 43° 03'81"N, 133° 09'16"E, 3m alt., 20 ix 2003 (*GK 2863* ; TNS 9516403).

Clematis sibirica (L.) Mill.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6632* ; TNS 9524713).

Delphinium crassifolium Schrad. ex Spreng.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6566* ; TNS 9524656); Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (*GK 6675* ; TNS 9524752).

Pulsatilla sp.

Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (*GK 6691* ; TNS 9524765).

Ranunculus sp.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6612* ; TNS 9524696).

Thalictrum filamentosum Maxim.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2833* ; TNS 9516965).

Thalictrum tuberiferum Maxim.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132°

41°52'E, 550m alt., 19 ix 2003 (GK 2983 ; TNS 9516966).

Thalictrum sp.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6638 ; TNS 9524718).

RESEDACEAE

Reseda lutea L.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (GK 2566 ; TNS 9514765).

ROSACEAE

Agrimonia pilosa Ledeb.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (GK 6657 ; TNS 9524736).

Filipendula ulmaria Maxim.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (GK 6656 ; TNS 9524735).

Fragaria sp.

Buryat Republic: Taloye Village, Tunkinskiy District. 7 viii 2005 (GK 6680 ; TNS 9524757).

Geum aleppicum Jacq.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6630 ; TNS 9524711).

Pentaphylloides fruticosa (L.) O. Schwarz

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6615 ; TNS 9524699).

Potentilla argentata Jord. ex Verlot

Orenburg: recreation area, near by city of Saraktash. 51° 49' 42.5"N, 56° 22'26.3"E, 135m alt., 5 ix 2002 (GK 2532 ; TNS 9515012).

Rosa dahurica Auct.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (GK 2688 ; TNS 9516209).

Rosa rugosa Thunb.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (GK 2735 ; TNS 9516364).

Rubus sachalinensis Leveille

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (GK 6643 ; TNS 9524723).

Sanguisorba officinalis L.

Buryat Republic: shore of Krugloye Lake, Selenginskiy District. 51° 23'32.9"N, 106° 30'52.1"E, 700m alt., 4 viii 2005 (GK 6586 ; TNS 9524672); Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (GK 6606 ; TNS 9524690).

Sanguisorba officinalis L.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (*GK 2682* ; TNS 9516202); Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'75"N, 133° 01'93"E, 280m alt., 21 ix 2003 (*GK 2897* ; TNS 9516254).

Sanguisorba pariviflora Takeda

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'13"N, 130° 48'35"E, 30m alt., 14 ix 2003 (*GK 2709* ; TNS 9516359).

Spiraea salicifolia L.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6605* ; TNS 9524689).

Waldstenia ternata Fritsch

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6664* ; TNS 9524743).

RUBIACEAE

Galium boreale L.

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6641* ; TNS 9524721).

SAXIFRAGACEAE

Bergenia crassifolia Fritsch.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6651* ; TNS 9524651).

Chrysosplenium sp.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6661* ; TNS 9524740).

Parnassia palustris L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2713* ; TNS 9516335); Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6620* ; TNS 9524648).

Saxifraga cortusaefolia Seib. & Zucc.

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (*GK 2742* ; TNS 9516428).

Saxifraga manshuriensis Kom.

Primorye Territory, Shkotovo District: Mt. Livadiyskaya (former name is Pidan). 43° 05'64"N, 132° 41'52"E, 550m alt., 19 ix 2003 (*GK 2491* ; TNS 9517146).

Saxifraga punctata Gunn.

Irkutsk Province: left side of Solzan River, upper from the bridge on the road M55, Sludyanskiy District. 51° 29'57.4"N, 104° 09'28.0"E, 540m alt., 6 viii 2005 (*GK 6666* ; TNS 9524745).

SCROPHULARIACEAE

Euphrasia officinalis L.

Buryat Republic: left shore of Mishiha River, 500m from bridge on the Republic Road M55,

Kabanskiy District. 51° 38'38.3"N, 105° 31'38.5"E, 469m alt., 5 viii 2005 (*GK 6645* ; TNS 9524725).

Euphrasia sp. L.

Buryat Republic: shore of Krugloye Lake, Selenginskiy District. 51° 23'32.9"N, 106° 30'52.1"E, 700m alt., 4 viii 2005 (*GK 6590* ; TNS 9524675).

Linaria cretaceae Fisch. ex Spreng.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2568* ; TNS 9514766).

Odontites serotina Dum.

Orenburg: chalk hills, Chesnokovka. 51° 41' 51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2564* ; TNS 9514763).

Pedicularis resupinata L.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'21"N, 130° 48'01"E, 45m alt., 14 ix 2003 (*GK 2723* ; TNS 9514346); Primorye Territory, Khasan District: way to seaside, vicinity of Mramornoe Village. 42° 34'14"N, 130° 48'49"E, 45m alt., 14 ix 2003 (*GK 2751* ; TNS 9516437); Irkutsk Province: near cross of the Republic Road M55 and railway; near bridge across Kultushnaya River, Sludyanskiy District. 51° 42'22.9"N, 103° 40'58.4"E, 531m alt., 7 viii 2005 (*GK 6669* ; TNS 9524748).

Pedicularis spicata Pall.

Primorye Territory, Partizansk District: Lazovsky Setl. 43° 02'99"N, 133° 06'87"E, 130m alt., 20 ix 2003 (*GK 2879* ; TNS 9516226).

Phtheirospermum chinense Bunge ex Disch. & Mey.

Primorye Territory, Khasan District: Kraskino City. 42° 42'18"N, 130° 47'77"E, 130m alt., 13 ix 2003 (*GK 2684* ; TNS 516212).

Rhinanthus crista-galli L.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6616* ; TNS 9524700).

Veronica chamaedrys Hohen.

Buryat Republic: road side, along the Republic Road M55; 323km from Irkutsk City, Kabanskiy District. 51° 57'44.4"N, 106° 19'26.4"E, 586m alt., 4 viii 2005 (*GK 6609* ; TNS 9524693).

Veronica incana F. W. Schmidt

Orenburg: chalk hills, Chesnokovka. 51° 41'51.5"N, 54° 01'03.6"E, 100m alt., 4 ix 2002 (*GK 2559* ; TNS 9514760); Orenburg: Nature Reservation "Andreevskie Shishi" (in Russian), Andreevka village. 51° 57' 05.0"N, 56° 38'10.2"E, 194m alt., 5 ix 2002 (*GK 2579* ; TNS 9514777); Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (*GK 6560* ; TNS 9524639).

UMBELLIFERAE

Bupleurum komarovianum Lincz.

Primorye Territory, Partizansk District: Lozoviy Range (former name is Uhandolaz). 43° 01'56"N, 133° 01'69"E, 390m alt., 21 ix 2003 (*GK 2902* ; TNS 9516253).

Bupleurum longifolium Falk. subsp. *aureum* (Fisch.) H. Wolff

Buryat Republic: left shore of Mishiha River, 3km from bridge on the Republic Road M55, Kabanskiy District. 51° 38'07.7"N, 105° 32'23.2"E, 486m alt., 5 viii 2005 (*GK 6640* ; TNS 9524720).

Bupleurum scorzoneraefolium Willd.

Buryat Republic: Serge Gessera Hill, south slopes at ridge of Mt. Khamar-Daban, 4km to south-west from Ulan-Ude Airport. 51° 43'40.8"N, 107° 27'31.5"E, 577m alt., 3 viii 2005 (GK 6565 ; TNS 9524642).

Peucedanum litorale Vorosh. & Gorovoi

Primorye Territory, Khasan District: seaside, vicinity of Mramornoe Village. 42° 34'30"N, 130° 48'39"E, 1m alt., 14 ix 2003 (GK 2739 ; TNS 9516431).

Torilis japonica DC.

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003 (GK 2697 ; TNS 9516379).

VALERIANACEAE

Patrinia rupestris Bunge

Buryat Republic: Zharchiha, Tarbagatayskiy District. 51° 32'55.8"N, 107° 22'19.5"E, 634m alt., 4 viii 2005 (GK 6595 ; TNS 9524680).

Patrinia scabiosaefolia Fish. ex Link

Primorye Territory, Khasan District: vicinity of Mramornoe Village. 42° 34'35"N, 130° 47'12"E, 2m alt., 13 ix 2003 (GK 3075 ; TNS 9516120).

摘 要

ロシア共和国における2002、2003、2005年の植物調査において、種子植物の369個体を採集し、その腊葉標本リストを作成した。

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