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Plant List of Poaceae Collected on Kunashir and Iturup Islands on a Botanical Expedition in 2012

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Abstract A total of fifty species in the family Poaceae were collected on a botanical expedition to the islands of Kunashir and Iturup in the southern Kurils in 2012. The collected Poaceae specimens were confirmed using Flora of the Kuril Islands (Barkalov 2009) for comparison. As a result, *Sasa nipponica* is considered to be a new record for the Kurils. Two infraspecific taxa, *Anthoxanthum odoratum* var. *alpinum* and *Elytrigia repens* var. *aristata*, are also considered to be new records for the Kurils, and *Lolium perenne*, a naturalized plant, is also new record for the southern Kurils.

Key words: Poaceae, Kunashir, Iturup

Introduction

We conducted a botanical survey of the Kunashir and Iturup islands on August 17 to September 10, 2012. Of the vascular plants independently collected by four Japanese botanists, the members of the Poaceae are summarized here as a preliminary list. The collected Poaceae specimens were compared with those listed in the Flora of the Kuril Islands by Barkalov (2009). Of the Poaceae specimens collected on Kunashir and Iturup islands, a total of 50 species belonging to 30 genera were recorded, and of these, 15 species were confirmed to be naturalized to the islands.

Results and Discussion

Species names generally follow Murata and Yonekura (2012) and are ordered alphabetically in the list. Species names of the naturalized plants are underlined, and taxa that are new records for the Kurils are marked by solid circles (●). Japanese names are given in square brackets. When necessary, taxonomic comments are given as notes below the entry. All plant specimens are deposited in the Herbarium of the Hokkaido University Museum (SAPS).

Plant list of members of the Poaceae in Kunashir and Iturup Islands

Agrostis clavata Trin. [Yama-nukabo]

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01520, 01522, 01523 (SAPS042155, 042157, 042158).

Andreyevka (Urarokushibetsu). Aug. 18, 2012. T. Fukuda 2012-76.

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01593, 01597 (SAPS042228, 042232).

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01629 (SAPS042389).

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01824-01827 (SAPS042504-042507); H. Takahashi et al. 35227, 35229.

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01547 (SAPS042182).

Legunnoye Lake (Nikishoro-ko). Aug. 22, 2012. H. Sato et al. 01711-01713 (SAPS042471-042473).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01671 (SAPS042431).

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01650, 01579 (SAPS042410, 042214).

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01582 (SAPS042217).

ITURUP:

Dobrynina Bay (Otoimaushi-wan). Aug. 27, 2012. T. Fukuda 2012-369.

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-599.

Agrostis flaccida Hack. [Miyama-nukabo]

KUNASHIR:

Stolbchatyy Cape (Zaimoku-iwa). Aug. 22, 2012. H. Takahashi et al. 35306.

ITURUP:

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. H. Takahashi et T. Fukuda 35525.

Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi 35555.

Osennaya River (Oito-gawa). Sep. 4, 2012. H. Takahashi 35632.

Agrostis gigantea Roth. [Konuka-gusa]

KUNASHIR:

Yuzhno-Kuril'sk (Furukamappu). Aug. 18, 2012. T. Fukuda 2012-16.

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01505-01507 (SAPS042140- 042142).

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01531, 01532 (SAPS042166, 042167).

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01598 (SAPS042233).

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01718, 01719 (SAPS042478, 042479).

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. Y. Kato 127, 132.

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Takahashi et al. 35271.

Aliger Lake (Arigeru-ko). Aug. 22, 2012. H. Sato et al. 01709, 01710 (SAPS042469, 042470).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01652, 01668-01670 (SAPS042412, 042428-042430); Y. Kato 262.

ITURUP:

Kuril'sk (Shana). Aug. 25, 2012. T. Fukuda 2012-326, 327.

Dobrynina Bay (Otoimaushi). Aug. 27, 2012. H. Takahashi et T. Fukuda 35391.

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. H. Takahashi et T. Fukuda 35425, 35458; T. Fukuda 2012-517.

Kuril'sk (Shana). Sep. 1, 2012. T. Fukuda 2012-592.

Agrostis scabra Willd. [Ezo-nukabo]

KUNASHIR:

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01720-01723 (SAPS042480-042483); H. Takahashi et al. 35152.

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01741-01743 (SAPS042501-042503); Y. Kato 128.

Legunnoye Lake (Nikishoro-ko). Aug. 22, 2012. H. Sato et al. 01704, 01705 (SAPS042464, 042465).

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01654-01656 (SAPS042414-042416).

ITURUP:

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-704.

Anthoxanthum nitens (Weber) Y.Schouten et Veldkamp var. **sachalinensis** (Printz) Yonek. [Kōbō]

Hierochloe sachalinensis (Printz.) Worosch. —Barkalov, Fl. Kur. Isl. 316 (2009).

ITURUP:

Sof'a Bay (Sokiya-wan) Aug. 26, 2012. H. Takahashi et T. Fukuda 35351.

Tornaya Bay (Tōro-wan) Aug. 28, 2012. H. Takahashi et T. Fukuda 35534.

Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi 35543.

Osenny and Pioner (Oito, Rubetsu). Sep. 4, 2012. T. Fukuda 2012-655; H. Takahashi 35650.

Osennaya River (Oito-gawa). Sep. 4, 2012. H. Takahashi 35618.

● **Anthoxanthum odoratum** L. subsp. **glabrescens** (Čelak.) Asch. et Graebn. [Kenashi-Harugaya]

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01524 (SAPS042161); T. Fukuda 2012-62.

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01580 (SAPS042215).

ITURUP:

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-603b.

Anthoxanthum odoratum L. subsp. **odoratum** [Haru-gaya]

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. Y. Kato 031.

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01581 (SAPS042216).

Avena fatua L. [Karasu-mugi]

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01601, 01833 (SAPS042236, 042513).

Avenella flexuosa (L.) Drejer [Kome-susuki]

KUNASHIR:

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01739, 01740 (SAPS042499, 0424500).

ITURUP:

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. H. Takahashi et T. Fukuda 35535.

Beckmannia syzigachne (Steud.) Fernald [Kazunoko-gusa]

KUNASHIR:

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01570, 01603 (SAPS042205, 042238); Y. Kato 260.

Brachypodium sylvaticum (Huds.) P.Beauv. [Yama-kamoji-gusa]

Brachypodium kurilense (Probat.) Probat. in Pl. Vosc. Orient. Ex. Sov. 1:109 (1985) — Barkalov, Fl. Kur. Isl. 310 (2009).

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01510-01511, 01519 (SAPS042145-042146, 042154).

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01828 (SAPS042508); Y. Kato 343.

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01617, 01618 (SAPS042377, 042378); Y. Kato 261.

Tret'yakovo Forest (Chibukaribetsu) Aug. 25, 2012. Y. Kato 303.

Bromus inermis Leyss. [Ko-suzumeno-chahiki]

Bromopsis inermis (Leyss.) Holub — Barkalov, Fl. Kur. Isl. 310 (2009).

KUNASHIR:

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01646-

01648 (SAPS042406-042408).

ITURUP:

Kuril'sk (Shana). Aug. 25, 2012. T. Fukuda 2012-311.

Brylkinia caudata (Munro ex A.Gray) F.Schmidt [Hogaeri-gaya]

Brylkinia caudata (Munro) F. Schmidt — Barkalov, Fl. Kur. Isl. 311 (2009).

KUNASHIR:

Chetverikova road side (Seikarahōru). Aug. 24, 2012. H. Sato et al. Y. Kato 01628 (SAPS042388); Y. Kato 178.

Calamagrostis epigeios (L.) Roth [Yama-awa]

KUNASHIR:

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01659-01661, 01731 (SAPS042419-042421, 042491).

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01554-01557 (SAPS042189-042192); T. Fukuda 2012-236; T. Fukuda 2012-236; H. Takahashi et al. 35255, 35264.

Aliger Lake (Arigeru-ko). Aug. 21, 2012. Y. Kato 202.

Note: This species was previously recorded as *Calamagrostis extremiorientalis* (Tzvel.) Probat. (Barkalov 2009); however, the first author considers that *C. extremiorientalis* is synonymous with *C. epigeios*.

Calamagrostis hakonensis Franch. et Sav. [Hime-nogariyasu]

KUNASHIR:

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et al. Y. Kato 01632-01636, 01640 (SAPS042392-042396, 042400).

ITURUP:

Sof'a Bay (Sokiya). Aug. 26, 2012. H. Takahashi et al. T. Fukuda 35358.

Foot of Mt. Baranskogo (Sashiusu-yama). Sep. 5, 2012. H. Takahashi 35696.

Calamagrostis neglecta (Ehrh.) P.Gaertn., B.Mey. et Scherb. [Chishima-gariyasu]

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. Y. Kato 010.

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01657, 01658, 01664, 01674-01679 (SAPS042417, 042418, 042424, 042434-042439).

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. T. Fukuda 2012-262; H. Takahashi et al. 35103, 35182

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01540-01544 (SAPS042175-042179).

Aliger Lake (Arigeru-ko). Aug. 21, 2012. Y. Kato 203.

Note: In the Kuril Islands, this species was recorded as *Calamagrostis inexpansa* A. Gray (Probatova 2003, Barkalov 2009). Murata and Yonekura (2012) adopted the scientific name *C. stricta* (Timm) Koeler subsp. *inexpansa* (A. Gray) C.W. Greene for this species in Japan. However, based on field observations and a herbarium study, the first author considers that *C. inexpansa* is synonymous with *C. neglecta*. A comparative study with European *C. stricta* is considered necessary.

Calamagrostis purpurea (Trin.) Trin. [Iwa-nogariyasu]

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01515-01518, 01527-01529 (SAPS042150-042153, 042162-042164).

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01662, 01663, 01680-01682, 01685-01688 (SAPS042422, 042423, 042440-042442, 042445-042448); Y. Kato 046.

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01732-01734, 01736, 01737 (SAPS042492-042494, 042496, 042497); T. Fukuda 2012-261.

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01683, 01684 (SAPS042443, 042444).

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01551-01553 (SAPS042186-042188).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et al. Y. Kato 01565, 01566 (SAPS042200, 042201); Y. Kato 218, 219.

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et al. Y. Kato 01637-01639, 01665-01667 (SAPS042397-042399, 042425-042427).

ITURUP:

Sof'a Bay (Sokiya). Aug. 26, 2012. T. Fukuda 2012-354.

Dobrynina Bay (Otoimaushi-wan). Aug. 27, 2012. T. Fukuda 2012-397.

Senokosnaya Bay (Shimonaibo-gyojō). Aug. 27, 2012. T. Fukuda 2012-428; H. Takahashi et al. T. Fukuda 35383, 35416.

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. T. Fukuda 2012-475; H. Takahashi et al. T. Fukuda 35452, 35455.

Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi 35544.

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-703.

Osennaya River (Oito-gawa). Sep. 4, 2012. H. Takahashi 35627.

Foot of Mt. Baranskogo (Sashiusu-yama). Sep. 5, 2012. H. Takahashi 35677.

Note: In the Kuril Islands, this species was recorded as *Calamagrostis angustifolia* Kom., *C. barbata* V. Vassil., and *C. langsдорffii* (Link) Trin. (Probatova 2003, Barkalov 2009). Murata and Yonekura (2012) adopted the scientific name *C. purpurea* (Trin.) Trin. subsp. *langsдорffii* (Link) Tzvelev for this species in Japan. There could be some species within this 'broad' species, but at present, the first author treated it as *C. purpurea* sensu lato. The possibility of this being a 'broad' species, i.e., a *C. purpurea* complex, will be examined in the future.

Calamagrostis sachalinensis F.Schmidt [Takane-nogariyasu]

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01689-01698 (SAPS042449-042458).

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01830 (SAPS042510).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et al. Y. Kato 01567, 01568 (SAPS042202, 042203).

Dactylis glomerata L. [Kamo-gaya]

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01534, 01535 (SAPS042169, 042170).

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01672, 01673 (SAPS042432, 042433)

Deschampsia beringensis Hultén [Hirohano-komesusuki s. l.]

ITURUP:

Osenaya River (Oito-gawa). Sep. 4, 2012. H. Takahashi 35628.

Kasatka Bay (Hitokappu-wan). Sep. 2, 2012. H. Takahashi 35604, 35605.

Note: *Deschampsia beringensis* and *D. macrothyrsa* (Tatew. et Ohwi) Kawano were recorded from Kunashir and Iturup Islands (Probatova 2003). However, since the first author considers *D. macrothyrsa* and *D. beringensis* to be synonyms, the name *D. beringensis* is adopted here as *D. macrothyrsa* is the synonym.

Echinochloa crus-galli (L.) P.Beauv. [Inu-bie]

KUNASHIR:

Stolbovskyy Hotspring (Shimanobori-onsen). Aug. 25, 2012. Y. Kato 302.

Elymus dahuricus Turcz. ex Griseb. [Hama-mugi]

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01533 (SAPS042168); H. Takahashi et al. 35028

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01610, 01611 (SAPS042245, 042246).

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01537-01539 (SAPS042172-042174); Y. Kato 147.

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01615, 01616 (SAPS042250, 042251); Y. Kato 263.

ITURUP:

Dobrynin Bay (Otoimaushi). Aug. 27, 2012. H. Takahashi et T. Fukuda 35374, 35402.

● *Elytrigia repens* (L.) Desv. ex B.D.Jackson var. *aristata* (Doell) Prokud. [Noge-shiba-mugi]

KUNASHIR:

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01605-01608 (SAPS042240-042243).

ITURUP:

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-603a.

Note: *Elytrigia repens* var. *aristata* can be distinguished from *E. repens* var. *repens* by the presence of long awns. This infraspecific taxon is included in *E. repens* by Russian botanists, but this is the first record of this variety in the southern Kurils, and we therefore consider it to be a recent invader in the southern Kurils.

Elytrigia repens (L.) Desv. ex B.D.Jackson var. *repens* [Shiba-mugi]

Elytrigia repens (L.) Nevski —Barkalov, Fl. Kur. Isl. 316 (2009).

ITURUP:

Kuril'sk (Shana). Aug. 26, 2012. T. Fukuda 2012-341.

Kuril'sk (Shana). Sep. 1, 2012. T. Fukuda 2012-595.

Festuca ovina L. [Ushinoke-gusa]

KUNASHIR:

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01738 (SAPS042498).

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01546 (SAPS 042181); Y. Kato 145.

Stolbchatyy Cape (Zaimokuiwa). Aug. 22, 2012. T. Fukuda 2012-281.

Festuca ovina L. subsp. *ruprechtii* (Boiss.) Tzvelev [Miyama-ushinoke-gusa]

KUNASHIR:

Stolbchatyy Cape (Yaitaikotan sea-side, Zaimoku-iwa). Aug. 22, 2012. H. Sato et al. 01703 (SAPS042463).

Festuca rubra L. [Ō-ushinoke-gusa]

KUNASHIR:

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01609 (SAPS042244).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01613, 01614 (SAPS042248, 042249).

ITURUP:

Dobrynin Bay (Otoimaushi). Aug. 27, 2012. T. Fukuda 2012-398a; H. Takahashi 35392, 35397.

Glyceria alnasteretum Kom. [Miyama-dojyō-tsunagi]

KUNASHIR:

Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01630, 01631 (SAPS042390, 042391).

Holcus lanatus L. [Shirage-gaya]

KUNASHIR:

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01576, 01577 (SAPS042211, 042212).

Leymus mollis (Trin. ex Spreng.) Pilg. [Hama-nin'niku]

Leymus mollis (Trin.) Pilger —Barkalov, Fl. Kur. Isl. 316 (2009).

KUNASHIR:

Yuzhno-Kuril'sk (Furukamappu). Aug. 18, 2012. T. Fukuda 2012-13.

Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01602 (SAPS042237).

Veslovskiy Peninsula (Keramui-hantō), Aug. 21, 2012. H. Sato et al. 01831, 01832 (SAPS042511, 042512); T. Fukuda 2012-240.

● *Lolium perenne* L. [Hoso-mugi]

ITURUP:

Kuril'sk (Shana). Sep. 1, 2012. T. Fukuda 2012-574.

Note: Barkalov (2009) recorded this species in Paramushir in the northern Kurils, but not in the southern Kurils. We consider it to be a recent invader in the southern Kurils.

Miscanthus sinensis Andersson [Susuki]

KUNASHIR:

- Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01829 (SAPS042509); H. Takahashi et al. 35213.
- Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01627 (SAPS042387).
- ITURUP:
- Foot of Mt. Baranskogo (Sashiusu-yama). Sep. 5, 2012. H. Takahashi 35682.
- Moliniopsis japonica*** (Hack.) Hayata [Numa-gaya]
- KUNASHIR:
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01625, 01626 (SAPS042385, 042386).
- Neomolinia japonica*** (Franch. et Sav.) Honda [Tatsuno-hige]
- Neomolinia japonica (Franch. et Savat.) Probat. —Barkalov, Fl. Kur. Isl. 316 (2009).
- KUNASHIR:
- Tret'yakovo Forest (Chibukaribetsu) Aug. 25, 2012. Y. Kato 315.
- Phalaris arundinacea*** L. [Kusa-yoshi]
- Phalaroides arundinacea* (L.) Rausch. —Barkalov, Fl. Kur. Isl. 316 (2009).
- KUNASHIR:
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01623, 01624 (SAPS042383, 042384).
- ITURUP:
- Sof'a Bay (Sokiya). Aug. 26, 2012. H. Takahashi et T. Fukuda 35356.
- Dobrynina Bay (Otoimaushi-wan). Aug. 27, 2012. T. Fukuda 2012-358.
- Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. T. Fukuda 2012-504; H. Takahashi et T. Fukuda 35457.
- Phleum pratense*** L. [Ō-awagaeri]
- KUNASHIR:
- Andreyevka (Urarokushibetsu). Aug. 18, 2012. Y. Kato 011.
- Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01530 (SAPS042165); H. Takahashi et al. 35004.
- Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Sato et al. 01590, 01612 (SAPS042225, 042247); Y. Kato 048.
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01622 (SAPS042382).
- Around Golvnino (Tomari). Aug. 21, 2012. H. Takahashi et al. 35268.
- Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01548 (SAPS042183); H. Takahashi et al. 35245.
- ITURUP:
- Sof'a Bay (Sokiya). Aug. 26, 2012. H. Takahashi et T. Fukuda 35352.
- Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. H. Takahashi et T. Fukuda 35464.
- Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi 35548.
- Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-612.
- Phragmites australis*** (Cav.) Trin. ex Steud. [Yoshi]
- KUNASHIR:
- Peschanoye Lake (Tōfutsu-ko). Aug. 18, 2012. H. Takahashi et al. 35097.
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01620 (SAPS042380).
- ITURUP:
- Dobrynina Bay (Otoimaushi). Aug. 27, 2012. H. Takahashi et T. Fukuda 35399.
- Poa annua*** L. [Suzumeno-katabira]
- KUNASHIR:
- Yuzhno-Kuril'sk (Furukamappu). Aug. 18, 2012. T. Fukuda 2012-13.
- Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01521 (SAPS042156).
- Golvnino (Tomari). Aug. 21, 2012. H. Takahashi et al. 35238.
- Stolbchatyy Cape (Yaitaikotan sea-side, Zaimoku-iwa). Aug. 22, 2012. H. Sato et al. 01702 (SAPS042462).
- Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01604 (SAPS042239).
- ITURUP:
- Dobrynina Bay (Otoimaushi). Aug. 27, 2012. H. Takahashi et T. Fukuda 35377.
- Poa compressa*** L. [Ko-ichigo-tsunagi]
- ITURUP:
- Kuibyshevskoye Lake (Rausu-numa). Aug. 30, 2012. T. Fukuda 2012-567b.
- Poa macrocalyx*** Trautv. et C.A.Mey. [Karafuto-ichigo-tsunagi]
- KUNASHIR:
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01729, 01730 (SAPS042489, 042490); H. Takahashi 35133.
- Stolbchatyy Cape (Zaimoku-iwa). Aug. 22, 2012. H. Takahashi et al. 35302.
- Legunnoye Lake (Nikishoro-ko). Aug. 22, 2012. H. Sato et al. 01706 (SAPS042466).
- ITURUP:
- Dobrynina Bay (Otoimaushi-wan). Aug. 27, 2012. T. Fukuda 2012-371, 398b, 399; H. Takahashi 35372.
- Senokosnaya Bay (Shimonaibo-gyojō). Aug. 27, 2012. T. Fukuda 2012-411; H. Takahashi 35412.
- Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi and 35539.
- Poa palustris*** L. [Numa-ichigo-tsunagi]
- KUNASHIR:
- Peschanoye Lake (Tōfutsu-ko). Aug. 19, 2012. H. Sato et al. 01727, 01728 (SAPS042487, 042488).
- Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01571 (SAPS042206).
- ITURUP:
- Dobrynina Bay (Otoimaushi-wan). Aug. 27, 2012. T. Fukuda 2012-395, 396.

***Poa pratensis* L. [Nagaha-gusa]**

KUNASHIR:

Yuzhno-Kuril'sk (Furukamappu). Aug. 18, 2012. T. Fukuda 2012-25, 26.

ITURUP:

Kuril'sk (Shana). Aug. 25, 2012. T. Fukuda 2012-323.

Kuril'sk (Shana). Aug. 26, 2012. T. Fukuda 2012-341.

Dobrynina Bay (Otoimaushi). Aug. 27, 2012. H. Takahashi et T. Fukuda 35367.

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. T. Fukuda 2012-517; H. Takahashi et T. Fukuda 35424, 35449.

Vetrovoy Peresheyek (Rucharu-bara). Aug. 29, 2012. H. Takahashi and T. Fukuda 35542, 35552.

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-612.

***Poa trivialis* L. [Ō-suzumeno-katabira]**

KUNASHIR:

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01549, 01550 (SAPS042184, 042185).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. H. Sato et Y. Kato 01572 (SAPS042207).

***Puccinellia kurilensis* (Takeda) Honda [Chishima-dojyōtsunagi]**

KUNASHIR:

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01562-01564, 01619, 01699, 01700 (SAPS042197-042199, 042379, 042459, 042460).

Serebryanoye Lake (Furukamappu-numa). Aug. 23, 2012. Y. Kato 264.

***Sasa kurilensis* (Rupr.) Makino et Shibata [Chishima-zasa]**

KUNASHIR:

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01641 (SAPS042401).

ITURUP:

Sopochnoye Lake (Tōro-numa). Aug. 28, 2012. H. Takahashi et T. Fukuda 35445.

***Sasa nipponica* (Makino) Makino et Shibata [Miyako-zasa]**

KUNASHIR:

Andreyevka (Urarokushibetsu). Aug. 18, 2012. H. Sato et al. 01512, 01513 (SAPS042147, 042148).

Note: *Sasa nipponica* (Makino) Makino et Shibata is a new record for the Kuril Islands. Barkalov (2009) recorded *Sasa sendaica*, which belongs to the same section as *S. nipponica*, in the Kuril Islands. *Sasa nipponica* can clearly be distinguished from *Sasa sendaica* by having glabrous culm sheaths.

***Sasa senanensis* (Franch. et Sav.) Rehder [Kumai-zasa]**

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01526, 01645 (SAPS042161, 042405).

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Sato et al. 01643, 01644 (SAPS042403, 042404).

Goryachiy Plyazh (Seseki), Lesnaya River (Shōjin-gawa). Aug. 24, 2012. H. Sato et Y. Kato 01642 (SAPS042402).

***Sasa spiculosa* (F.Schmidt) Makino [Okuyama-zasa]**

KUNASHIR:

Goryacheye Lake (Ichibishinai-ko). Aug. 20, 2012. H. Takahashi et al. 35196.

***Schedonorus pratensis* (Huds.) P.Beauv. [Hiroha-ushinoke-gusa]**

KUNASHIR:

Chetverikova Cape (Seikarahōru-zaki). Aug. 18, 2012. H. Sato et al. 01503, 01504 (SAPS042138, 042139).

Yuzhno-Kuril'sk (Furukamappu). Aug. 24, 2012. H. Sato 01578 (SAPS042213).

ITURUP:

Reydovo (Bettobu). Sep. 1, 2012. T. Fukuda 2012-604.

***Trisetum sibiricum* Rupr. [Chishima-kanitsuri]**

KUNASHIR:

Veslovskiy Peninsula (Keramui-hantō). Aug. 21, 2012. H. Sato et al. 01558-01561 (SAPS042193-042196).

Veslovskoe Lake (Keramui-ko). Aug. 21, 2012. H. Takahashi et al. 35251.

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佐藤広行¹, 加藤ゆき恵², 福田知子³, 高橋英樹⁴: 2012 年野外調査において国後島と択捉島で採集されたイネ科植物リスト

2012 年の野外調査において、国後島と択捉島で 50 種のイネ科植物を採集し、その植物相を Flora of the Kuril Islands (Barkalov 2009) と比較した。その結果、ミヤコザサが千島列島では初記録であった。また、ケナシハルガヤ、ノゲシバムギが千島列島では種内分類群として初記録となる。また、帰化植物であるホソムギは南千島では初記録となる。

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