

432504 TO 432524-continued

- Reservation, Shungopovi Village, Navajo County, Arizona. Dry farmed on sand dunes field below mesa. Achenes blue-black. Used as a dye. Local name Hopi dye. Annual. Cultivated. Landrace. Seed.
432505. GN 874. Collected August 15, 1978. Hopi Indian Reservation, Hotevilla, Navajo County, Arizona. Sand dune dooryard garden. Plants to 5m tall, some multi-headed. Achenes striped. Introduced cultivar. Annual. Cultivated. Seed.
432506. GN 878. Collected August 15, 1978. Hopi Indian Reservation, Navajo County, Arizona. Below first mesa at field edge, sandy soil. Floodplain. Plants 3m, multi-headed. Weedy type. Annual. Wild. Seed.
432507. GN 880. Collected August 16, 1978. Hopi Indian Reservation, Shungopovi Village, Navajo County, Arizona. Mesa sidefield. Achenes blue-black. Used as dye and medicinally. Local name Hopi dye. Annual. Cultivated. Landrace. Seed.
432508. GN 882. Collected August 15, 1978. Hopi Indian Reservation, Hotevilla, Navajo County, Arizona. Field below third mesa. Achenes blue-black. Used as dye. Local name Hopi dye. Annual. Cultivated. Landrace. Seed.
432509. GN 883. Collected August 15, 1978. Hopi Indian Res., Lower Moenkopi, north of hwy. Coconino County, Arizona. Field irrigated from river diversion. Plants volunteers from previous crop, single and multi-headed. Achenes black. Local name Hopi dye. Cultivated. Seed.
432510. GN 885. Collected August 15, 1978. Hopi Indian Reservation, Lower Moenkopi, Coconino County, Arizona. Field irrigated from river diversion. Achenes blue-black, some with gray margins. Possible hybrid of local type with mammoth Russian type. Used as dye. Annual. Cultivated. Primitive cultivar. Seed.
432511. GN 887. Collected August 19, 1978. Havasupai Indian Res., Supai Village, Grand Canyon, Coconino Co., Arizona. Dooryard garden. Achenes blue-black, gray-striped. Mixture of two folk cultivars. Used for dye and nut butter. Annual. Cultivated. Landrace. Seed.
432512. GN 883. Collected August 19, 1978. Havasupai Indian Res., Supai Village, Grand Canyon, Coconino Co., Arizona. Dooryard garden. Plants 2-4m tall. Achenes blue-black. Related to Hopi dye. Annual. Cultivated. Landrace. Seed.
432513. GN 894. Collected August 19, 1978. Havasupai Indian Res., Supai Village, Grand Canyon, Coconino Co., Arizona.