

Table S9. The studied plants of *Elaeagnus* and *Shepherdia* species.

Species	Variety	Code	Origin	Coordinates or greenhouse/dried material
<i>Elaeagnus angustifolia</i>		Eang	“Martin Sad” nursery, Mytisch, Russia	55°41’49.65” 36°84’83.48”
<i>Elaeagnus commutata</i>		Ecom	Street planting in “KIZ Allea”, Kievsky village, Moscow, Russia	55°41’69.27” 36°84’76.71”
<i>Elaeagnus multiflora</i>		Emult	“Nara-Sad” nursery, Naro-Fominsk, Russia	55°41’48.48” 36°84’79.92”
<i>Elaeagnus pungens</i>	“Maculata”	Epung	“Opt-khoz” nursery, Ozery, Russia	greenhouse
<i>Elaeagnus umbellata</i>	“Pointilla Sweet’n’Sour”	EumbSS	“Darvin” nursery, Moscow, Russia	55°41’48.64” 36°84’85.38”
	“Pointilla Fortunella”	EumbF	“Sad pochtoj” nursery, St. Petersburg, Russia	greenhouse
	“Brilliant Rose”	EumbBR	“Sad pochtoj” nursery, St. Petersburg, Russia	greenhouse
	without variety	EumbB	“Sad pochtoj” nursery, St. Petersburg, Russia	greenhouse
<i>Shepherdia argentea</i>		Sharg (AA#102-77*A)	Arnold Arboretum, The Harvard University, USA	dried material
<i>Shepherdia canadensis</i>		Shcan (*19801643-I34ZZ)	Botanic Garden Meise, Nieuwelaan, 38, 1860 Meise, Belgium	dried material