



# TOWN OF ESTES PARK

***The Mission of the Town of Estes Park is to provide high-quality, reliable services for the benefit of our citizens, guests, and employees, while being good stewards of public resources and our natural setting.***

*The Town of Estes Park will make reasonable accommodations for access to Town services, programs, and activities and special communication arrangements for persons with disabilities. Please call (970) 577-4777. TDD available.*

BOARD OF TRUSTEES - TOWN OF ESTES PARK  
Tuesday, September 26, 2017  
7:00 p.m.

PLEDGE OF ALLEGIANCE.

(Any person desiring to participate, please join the Board in the Pledge of Allegiance).

AGENDA APPROVAL.

PUBLIC COMMENT. (Please state your name and address).

TOWN BOARD COMMENTS / LIAISON REPORTS.

TOWN ADMINISTRATOR REPORT.

- Policy Governance Compliance Report - Policy 3.8.

**1. CONSENT AGENDA:**

1. Town Board Minutes dated September 12, 2017 and Town Board Study Session dated September 12, 2017 and Town Board and County Commissioners Joint Study Session dated September 15, 2017.
2. Bills.
3. Committee Minutes - None.
4. Estes Valley Board of Adjustment Minutes dated July 11, 2017 (acknowledgement only).
5. Estes Valley Planning Commission Minutes dated August 15, 2017 (acknowledgement only).
6. Parks Advisory Board Minutes dated August 17, 2017 (acknowledgment only).
7. Transportation Advisory Board Minutes dated July 19, 2017 and August 16, 2017 (acknowledgment only).
8. Acceptance of Town Administrator Policy Governance Compliance Report.

**2. REPORTS AND DISCUSSION ITEMS:** (Outside Entities)

1. **ROCKY MOUNTAIN PERFORMING ARTS CENTER UPDATE.** Anne Morris/Albert Milano.

3. **PLANNING COMMISSION ITEMS:** Items reviewed by Planning Commission or staff for Town Board Final Action.

1. **CONSENT ITEMS:**

A. **SUPPLEMENTAL CONDOMINIUM MAP #6, THE MEADOW CONDOMINIUMS, 2746 & 2752 KIOWA TRAIL; MARYS MEADOW DEVELOPMENT, LLC/OWNER.** Planner Becker.

B. **SUBDIVISION FINAL PLAT – ESTES PARK RESORT; LOT 1, LAKE ESTES 2<sup>ND</sup> ADDITION, 1700 BIG THOMPSON AVENUE.** Item Continued to October 24, 2017.

2. **ACTION ITEMS:**

A. **ORDINANCE #21-17 AMENDMENT TO THE ESTES VALLEY DEVELOPMENT CODE REGARDING ADMINISTRATION OF THE “COMDEV RECOMMENDED PLANT LIST” – FORMERLY THE “PREFERRED PLANTING LIST”.** Director Hunt.

4. **ACTION ITEMS:**

1. **RESOLUTION #24-17 SUPPLEMENTAL BUDGET APPROPRIATIONS FOR 2017.** Director Hudson.

2. **CONSIDERATION OF CURRENT APPOINTMENTS TO THE LOCAL MARKETING DISTRICT.** Mayor Jirsa.

5. **REPORTS AND DISCUSSION ITEMS:**

1. **BRODIE ROAD DESIGN.** Engineer Stallworth.

6. **ADJOURN.**



TOWN OF ESTES PARK


TOWN ADMINISTRATOR

Frank Lancaster  
Town Administrator  
970.577.3705  
flancaster@estes.org

## MEMORANDUM

**DATE:** September 26, 2017

**TO:** Board of Trustees

**FROM:** Frank Lancaster, Town Administrator 

**SUBJECT: INTERNAL MONITORING REPORT - EXECUTIVE LIMITATIONS  
(QUARTERLY MONITORING REPORT POLICY 3.8)**

Board Policy 2.3 designates specific reporting requirements for me to provide information to the Board.

Reporting on Policy 3.8 Compensation and Benefits is required in September of each year.

Policy 3.8 states: *"With respect to employment, compensation, and benefits to employees, consultants, contract workers and volunteers, the Town Administrator shall not cause or allow jeopardy to fiscal integrity."*

This report constitutes my assurance that, as reasonably interpreted, these conditions have not occurred and further, that the data submitted below are accurate as of this date.



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Frank Lancaster  
Town Administrator

**3.8.1. With respect to employment, compensation, and benefits to employees, consultants, contract workers and volunteers, the Town Administrator shall not cause or allow jeopardy to fiscal integrity of the Town. Accordingly, pertaining to paid workers, he or she may not change his or her own compensation and benefits.**



**Interpretation** – I interpret this to mean that I cannot take any action that will result in a financial benefit to me personally, including modifying my benefits, leave provisions or compensation in any way that is not defined in my employment agreement or specifically approved by the Board.

**Compliance with the policy will be achieved when:**

All my compensation and benefits remain as approved by the Board either in my employment agreement or by specific action of the Board.

**Evidence:**

- I. The adopted budget and the CAFR document that I have not taken any action to change my compensation or benefits.

**Report:** I report compliance

**3.8.2. With respect to employment, compensation, and benefits to employees, consultants, contract workers and volunteers, the Town Administrator shall not cause or allow jeopardy to fiscal integrity of the Town. Accordingly, pertaining to paid workers, he or she may not promise or imply permanent or guaranteed employment.**



**Interpretation** – I interpret this to mean that I cannot make any statements to current or potential employees that they can be assured of guaranteed employment with the Town of Estes Park.

**Compliance with the policy will be achieved when:**

I did not make any comments, verbally or in writing to any employee that can be construed as implying permanent or guaranteed employment.

**Evidence:**

- I. Since this is a requirement NOT to do something, the evidence would be for non-compliance, or when an employee alleges such a promise was made, or during the disciplinary process, an employee alleges that such a promise has been made. No such allegations have been raised with myself, HR or with the Board.

**Report:** I report compliance

**3.8.3. With respect to employment, compensation, and benefits to employees, consultants, contract workers and volunteers, the Town Administrator shall not cause or allow jeopardy to fiscal integrity of the Town. Accordingly,**



**pertaining to paid workers, he or she may not establish current compensation and benefits which deviate materially for the regional or professional market for the skills employed:**

**Interpretation** – I interpret this to mean we regularly compare our compensation and benefits to the regional market. That market has been defined in Policy 301 as adopted by the Board. The specifics of the market comparison process is defined in Policy 301.

**Compliance with the policy will be achieved when:**

I insure we fully comply the procedures and steps outlined in the Board adopted Policy 301 regarding Classification and Compensation

**Evidence:**

1. The compensation study, as prepared by the Town Compensation Consultant under the supervision of the HR staff.
2. Published Compensation schedules and Classification plan which is congruent with the results of the annual Compensation Study.
3. Specifics of the compensation model and most recent study are available for inspection upon request.

**Report:** The only exception is our lack of provision of spousal health insurance, which is a significant deviation from benefits provided in the regional market. I am therefore reporting partial compliance.

**3.8.4. With respect to employment, compensation, and benefits to employees, consultants, contract workers and volunteers, the Town Administrator shall not cause or allow jeopardy to fiscal integrity of the Town. Accordingly, pertaining to paid workers, he or she may not establish deferred or long-term compensation and benefits.**



**Interpretation** – I interpret this to mean I cannot take any actions that would change any deferred or other long-term compensation for any employees without Board approval.

**Compliance with the policy will be achieved when:**

There have been no changes to anyone's deferred or long-term compensation or benefits without Board approval.

**Evidence:**

1. The adopted budget and the CAFR document that I have not taken any action to change any long term compensation or benefits without the prior approval of the board.

**Report:** I report compliance

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*Town of Estes Park, Larimer County, Colorado, September 12, 2017*

Minutes of a Regular meeting of the Board of Trustees of the Town of Estes Park, Larimer County, Colorado. Meeting held in the Town Hall in said Town of Estes Park on the 12<sup>th</sup> day of September, 2017.

Present: Todd Jirsa, Mayor  
Wendy Koenig, Mayor Pro Tem  
Trustees Bob Holcomb  
Patrick Martchink  
Ward Nelson  
Ron Norris  
Cody Rex Walker

Also Present: Frank Lancaster, Town Administrator  
Travis Machalek, Assistant Town Administrator  
Greg White, Town Attorney  
Jackie Williamson, Town Clerk

Absent: None

Mayor Jirsa called the meeting to order at 7:00 p.m. and all desiring to do so, recited the Pledge of Allegiance.

**AGENDA APPROVAL.**

It was **moved and seconded** (Koenig/Walker) **to approve the Agenda with the removal of Ordinance #24-17 and Resolution #24-17 be**, and it passed unanimously.

**PUBLIC COMMENTS.**

Alice Reuman/League of Women Voters stated appreciation for Platte River Power Authority's efforts in reducing the carbon footprint and addressing renewable energy options.

Marsha Groome/Town citizen requested the Board reduce the noise ordinance from 85 decibels to the State level of 50-55 decibels. The Town's current levels are too loud and are impacting the properties above the downtown corridor.

Charley Dickey/Estes Valley Partners for Commerce (EVPC) thanked the Town for allowing EVPC to facilitate ribbon cuttings for new businesses in Estes Park. He offered EVPC to provide resources, including the formation of a task force, to address the collection of sales tax during special events.

**TOWN BOARD COMMENTS**

Trustee Nelson thanked the EVPC for their efforts in recognizing new businesses through ribbon cuttings, making new businesses feel welcome.

Mayor Pro Tem Koenig stated the recent Wasteshed meeting discussed utilizing the Fort Collins landfill as a sorting area after it has been closed. The sorting area would reduce trucking costs and provide recycling options for the citizens.

Trustee Norris commented the Estes Valley Planning Commission met on August 18, 2017 to discuss code changes and held their regular meeting on August 19, 2017. The Town continues to work on the 2018 Strategic Plan and in doing so developed a list of current and ongoing items the Town has put in place to address sustainability and environmental items. The Town would share the information with the public in a meaningful way and keep the citizens informed on the progress of the items. PRPA would hold a meeting on September 14, 2017 to discuss renewable energy.

**TOWN ADMINISTRATOR REPORT.**

Administrator Lancaster thanked the Town staff for their effort and service to the community during the “City and Town Week.” Mayor Jirsa and Administrator Lancaster attended the Ambassador appreciation breakfast and thanked the volunteers for their efforts during the 2017 season.

He recognized the passing of Jack Ford a former Town employee who worked in the Streets division for 17 years and all of his accomplishments.

**1. CONSENT AGENDA:**

1. Town Board Minutes dated August 22, 2017 and Town Board Study Session dated August 22, 2017.
2. Bills.
3. Committee Minutes.
  - a. Audit Committee Minutes dated August 15, 2017.
4. Parks Advisory Board Minutes dated July 20, 2017 (acknowledgment only).
5. Estes Valley Board of Adjustment Minutes dated June 6, 2017 (acknowledgement only).

It was **moved and seconded** (Holcomb/Koenig) **to approve the Consent Agenda Items**, and it passed unanimously.

**2. ACTION ITEMS:**

1. **ORDINANCE #23-17 CDOT PURCHASE OF A PORTION OF CARRIAGE HILLS OUTLOT.** Mayor Jirsa opened the public hearing. Manager Landkamer stated CDOT identified an outlet from a box culvert that extends under Highway 7 near the intersection of Carriage Drive currently extending into the Town owned parcel identified as Outlot E of Carriage Hills. CDOT has requested the Town consider selling the small parcel to the Town to allow CDOT access to maintain and repair the culvert. Mayor Jirsa closed the public hearing. Town Administrator Lancaster read the Ordinance. It was **moved and seconded** (Holcomb/Norris) **to approve Ordinance #23-17 accepting the offer to purchase property for parcel RW-19 as detailed in the offer package from CDOT at no cost**, and it passed unanimously.
2. **ORDINANCE #24-17 AMENDMENT TO THE ESTES PARK MUNICIPAL CODE CHAPTER §8.06 NOISE.** Item was removed from the agenda.
3. **INTERGOVERNMENTAL AGREEMENT FOR THE ESTES PARK LOCAL MARKETING DISTRICT BETWEEN THE TOWN OF ESTES PARK AND LARIMER COUNTY RESTATING AND AMENDING THE INITIAL 2008 INTERGOVERNMENTAL AGREEMENT.** Attorney White presented a restated Intergovernmental Agreement to remove provisions related to the initial organization of the Local Marketing District (LMD) and to clarify the right of the Town Board and County Commissioners to remove Directors from the LMD Board (Visit Estes Park) as the State statute does not clearly outline the rights of the Town or County in removing an appointed Director.

Trustee Norris stated the Town and County should address the removal of appointed members to the Estes Valley Planning Commission and the Estes Valley Board of Adjustment in conjunction. He recommended Section 6.2 include additional text to allow the Town and County to approve the LMD Operation Plan with conditions of approval. Section 5.1.3. does not contain a due process to allow the Director to provide information as to why they should not be removed. Trustee Holcomb agreed and stated the individual being removed should be afforded the opportunity before a final decision.



Attorney White stated the Board has the power to remove an appointee with or without clause and trying to identify specific reasons would be difficult to draft.

It was **moved and seconded** (Walker/Nelson) **to approve the Intergovernmental Agreement for the Estes Park Local Marketing District**, and it passed with Trustee Norris voting “No”.

**4. MORaine AVENUE BRIDGE REPLACEMENT CONSTRUCTION CONTRACT.**

Mike Todd/Cornerstone Engineering Surveying stated the Town hired RockSol Consulting Group, Inc. to perform the design engineering and construction bid documents for the project. The project received four bids with prices ranging between \$2.045 million to \$2.445 million. The new bridge would reduce the flood damage risk to downtown properties, reduce business revenue loss during flood clean-up and repair, improve the flow capacity from 575 cfs to 1420 cfs, and create a bike lane on the south side and a pedestrian walk on the north side. To complete the project the roadway would need to be closed for 7 months with a full closure on October 10, 2017. Staff recommends contracting with Structures Inc. in the amount of \$2.045 million contingent upon approval of the Special Use Permit from CDOT and the issuance of a Town of Estes Park floodplain permit.

Director Muhonen stated a contingency has not been included because the original 2017 budget does not contain adequate funding. Staff recommended bringing a change order forward to address contingency at a later date. This would allow the project to continue on schedule with the approval of the contract.

After further discussion, it was **moved and seconded** (Nelson/Holcomb) **to approve the construction contract with Structures, Inc. for the Moraine Avenue Bridge Replacement Project in the amount of \$2,045,353.42 contingent upon approval of the Special Use Permit by CDOT and the floodplain permit by the Town of Estes Park**, and it passed unanimously.

**5. RESOLUTION #24-17 SUPPLEMENTAL BUDGET APPROPRIATIONS FOR 2017.** Item was removed from the agenda.

Whereupon Mayor Jirsa adjourned the meeting at 7:48 p.m.

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Todd Jirsa, Mayor

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Jackie Williamson, Town Clerk

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**RECORD OF PROCEEDINGS**

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*Town of Estes Park, Larimer County, Colorado September 12, 2017*

Minutes of a Study Session meeting of the **TOWN BOARD** of the Town of Estes Park, Larimer County, Colorado. Meeting held at Town Hall in the Rooms 202/203 in said Town of Estes Park on the 12<sup>th</sup> day of September, 2017.

Board: Mayor Jirsa, Mayor Pro Tem Koenig, Trustees Holcomb, Martchink, Nelson, Norris and Walker

Attending: Mayor Jirsa, Mayor Pro Tem Koenig, Trustees Holcomb, Martchink, Nelson and Norris

Also Attending: Town Administrator Lancaster, Assistant Town Administrator Machalek and Town Clerk Williamson

Absent: Trustee Walker and Town Attorney White

Mayor Jirsa called the meeting to order at 5:30 p.m.

**BOARD EMAIL REVIEW.**

Administrator Lancaster provided a review of the Board public email account, stating nearly 4,000 emails have been posted, approximately two dozen emails have been removed because they were not public, and 95% of the emails have no views or less than three. IT and the Clerk's office have not received any complaints on the email account. Overall the Board has received positive comments on the transparency of the new email account and individuals have been contacting Board members through personal contact or by phone. Trustee Holcomb stated correspondence with the public has virtually stopped since the Board's emails were made public, even after he elected to not participate. Mayor Pro Tem Koenig stated she elected to have her emails remain private and would support the future option for Board members to opt out. The Board consensus was to continue having the Board's emails open to inspection on the Town's website.

**STRATEGIC PLAN 2018.**

Administrator Lancaster reviewed the proposed 2018 Strategic Plan and a listing of programs/projects that make a positive impact on the environment. The Plan would continue to evolve as funding for programs and projects are identified. The final Plan would be presented to the Town Board for final approval during the budget process.

Trustee Norris stated in reviewing the current Strategic Plan initiatives, staff has identified 47 environmental programs/projects the Town has completed or has in process. He requested the staff provide updates to the public on current and continued efforts to address the environment.

**TRUSTEE & ADMINISTRATOR COMMENTS & QUESTIONS**

Trustee Nelson requested a report on traffic counts and the usage of the new parking garage.

Administrator Lancaster provided a brief update on the variable message signs. The Town continues to work with the sign company to bring down the cost of the project by utilizing staff to complete some of the project work. The Town would also inquire if additional grant funds may be available to complete the project.

**Town Board Study Session – September 12, 2017 – Page 2**

Trustee Martchink commented on the number of projects that have come to the Board over budget. Administrator Lancaster stated the lag time between the design phase and construction can be significant and construction costs continue to increase rapidly. Staff would review the budget requests to take into account these issues.

Mayor Pro Tem Koenig commented the Town owned property on Dry Gulch has been identified by adjacent neighbors as open space and not developable. The wording on the 1960 plat states the property was dedicated to the Town as a public area. The property does not contain a conservation easement. She requested the Town review the historical intent of the property before moving forward with discussions on developing a workforce housing development on the property.

A discussion has been summarized on the need to ensure special event vendors are collecting sales tax and remitting it to the State. It was suggested the Town could have an employee monitor the events to ensure sales tax is being collected. Administrator Lancaster stated staff has meet to discuss the issue and continues to review options such as requiring a vendor to register online, provide their sales tax account name and number, pay a vendor fee, display permit in their booth, and pass the information on to the State to complete an audit of the event. An additional concern was the remittance of sales tax collected in Estes Park to the vendors home town rather than Estes Park. Staff would work on an amendment to the Municipal Code with the intent of having the new regulations in place by January 2018.

**FUTURE STUDY SESSION AGENDA ITEMS**

The September 26, 2017 Study Session would be focused on the proposed stormwater infrastructure plan and the financial plan would be presented on October 24, 2017.

There being no further business, Mayor Jirsa adjourned the meeting at 6:15 p.m.

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Jackie Williamson, Town Clerk

**RECORD OF PROCEEDINGS**

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*Town of Estes Park, Larimer County, Colorado September 18, 2017*

Minutes of a Joint Study Session meeting of the **TOWN BOARD AND LARIMER COUNTY COMMISSION** of the Town of Estes Park, Larimer County, Colorado. Meeting held at Town Hall in the Board Room in said Town of Estes Park on the 18<sup>th</sup> day of September, 2017.

- Board: Mayor Jirsa, Mayor Pro Tem Koenig, Trustees Holcomb, Martchink, Nelson, Norris and Walker
- County Commission: Commissioner Donnelly and Commissioner Johnson
- Planning Commission: Commissioners Leavitt, Foster, Murphree, Schneider, and White
- Also Attending: Town Administrator Lancaster, Assistant Town Administrator Machalek, Community Development Director , and Recording Secretary Beers
- Absent: County Commissioner Gaiter, Planning Commissioners Hull and Baker

Meeting was called to order at 7:02 p.m.

The objective of the meeting was to discuss the Master List memorandum presented to the Town Board on May 9, 2017. Director Hunt stated there have been no changes to the content of the memo; however the priority has been established and the year in which the code amendments would be completed. The primary objective would be to update the aging code and address the accumulation of difficulties encountered in administering and advising the code. He added the overall goals would be, to simplify, streamline and make the code more transparent, updating the language process, and impose clearly defined and understandable regulations. The revisions are projected to take three years or longer to be completed.

Town Board/Commissioner questions have been summarized: concerns for residents in residential zoning districts and changes to zoning districts; explanation of floating zones; the impact to current homeowners in the areas expecting changes; how staff intends to involve the community on the progress and maintain sight of the overall goals; questioned the 12-18 month delay on the Comprehensive Plan; concern towards addressing code amendments prior to the completion of the Comprehensive Plan, and change in net density to gross density and how it effects clustering.

Trustee Norris recommended staff provide information to the public for sections of the code that remain the same and would not change. Additionally recommended a public calendar with deadline dates and progress of amendment changes.

There being no further business, Mayor Jirsa adjourned the meeting at 8:04 p.m.

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Bunny Victoria Beers, Recording Secretary

## RECORD OF PROCEEDINGS

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**Estes Valley Board of Adjustment**  
**July 11, 2017 9:00 a.m.**  
**Board Room, Estes Park Town Hall**

**Board:** Chair Wayne Newsom, Vice-Chair John Lynch, Pete Smith, Jeff Moreau, Rex Poggenpohl

**Attending:** Members Newsom, Lynch, and Poggenpohl

**Also Attending:** Community Development Director Randy Hunt, Planner Audem Gonzales, Recording Secretary Thompson

**Absent:** Member Moreau

**Chair Newsom called the meeting to order at 9:00 a.m. There were three people in attendance. He introduced the Board members and staff.**

The following minutes reflect the order of the agenda and not necessarily the chronological sequence.

### **1. AGENDA APPROVAL**

**It was moved and seconded (Lynch/Smith) to approved the agenda as presented and the motion passed 4-0 with one absent.**

### **2. PUBLIC COMMENT**

None.

### **3. CONSENT AGENDA**

Approval of minutes dated June 6, 2017

**It was moved and seconded (Lynch/Smith) to approve the minutes as presented and the motion passed 3-0 with one absent.**

### **4. METES & BOUNDS PARCEL; 953 RAMS HORN ROAD; PEAK RESIDENCE**

Planner Becker reviewed the staff report. The applicants Gary and Cynthia Peak, request a variance from Estes Valley Development Code Section 4.3, Table 4-2 which requires 50-foot setbacks in the RE–*Rural Estate* zone district. The request is to establish a setback of approximately 24 feet on the west side and 43 feet on the north side to allow a recently built covered porch to remain in the north setback. Planner Becker stated the porch was initially built without proper building permits after the current owner purchased the property in 2011. The applicant has applied for a county building permit, of which approval is pending depending on the outcome of the variance request.

#### **Staff and Commission Discussion**

Staff findings can be viewed in the staff report. Staff did not recommend any conditions of approval.

Member Poggenpohl stated the lot size is smaller than the required 2.5 acres for the RE zone district. He was not supportive of vacation home registration approvals prior to all building permits being in order.

**Public Comment**

Lonnie Sheldon/applicant representative stated he and the applicant were in agreement with the staff findings.

Gary Peak/applicant stated he has wanted to become compliant with everything on the property, and is currently using the home as a vacation home. He was told by the contractor that no building permit was needed. The home now meets or exceeds the county building codes.

**Staff and Member Discussion**

There was brief discussion regarding the location of the existing propane tank.

**It was moved and seconded (Lynch/Smith) to approve the variance request according to findings of fact and conclusions of law, with findings recommended by staff and the motion passed 4-0 with one absent.**

**5. REPORTS**

- A. Director Hunt reported there was a Special Planning Commission meeting on June 30, 2017 to review Large Vacation Home applications. All were approved. Credit goes to Code Compliance Officer Linda Hardin and staff. There are approximately 670 total vacation homes operating in the Estes Valley. The cap of 588 applies only to those vacation homes in residential zone districts, and as of last week there were 72 openings remaining. The cap was based on information provided by Host Compliance. Director Hunt suspects they used the 80517 Zip Code as a basis for collecting data, and because the zip code extends outside of the Estes Valley, it could be the reason for the imbalance in the numbers.
- B. Member Poggenpohl stated the variances needed on nonconforming sites should be addressed as a group within the next couple of years so we don't have small setback issues needing to come before the Board of Adjustment on a regular basis. Another option would be giving staff the authority to approve these small variances. Director Hunt stated the 2000 rezoning established some substandard lot sizes and setbacks. The hesitation lies in the sheer volume of the task and staff time to address the issue. He recognizes there is a problem with the many nonconforming lots, and agrees the Board of Adjustment is the proper avenue for all variance requests. If staff can approve a 10% setback deviation, then the perception is that the setback can automatically be less than what the code states. There is the possibility that the amount of the setback is the issue rather than the nonconforming lot size. There was brief discussion regarding the history of properties and setbacks in the Estes Valley. Director Hunt stated a code amendment to address the nonconforming lots would be beneficial to all involved.

RECORD OF PROCEEDINGS

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**Estes Valley Board of Adjustment  
July 11, 2017**

**3**

**There being no other business before the Board, the meeting adjourned at 9:34 a.m.**

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Wayne Newsom, Chair

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Karen Thompson, Recording Secretary

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RECORD OF PROCEEDINGS

Estes Valley Planning Commission  
August 15, 2017  
Board Room, Estes Park Town Hall

- Commission:** Chair Russ Schneider, Vice-Chair Bob Leavitt, Commissioners Betty Hull, Steve Murphree, Sharry White, Robert Foster, one vacant position
- Attending:** Chair Russ Schneider, Vice-Chair Leavitt, Commissioners Betty Hull, Steve Murphree, Sharry White, and Robert Foster
- Also Attending:** Community Development Director Randy Hunt, Planner Audem Gonzales, Town Attorney Greg White, Planner Carrie McCool, Town Board Liaison Ron Norris, Larimer County Staff Liaison Michael Whitley, and Recording Secretary Karen Thompson
- Absent:** Planner Becker

Chair Schneider called the meeting to order at 1:30 p.m. He explained the purpose of the Planning Commission.

**1. APPROVAL OF AGENDA**

It was moved and seconded (Hull/White) to approve the agenda as presented and the motion passed 6-0 with one vacancy.

**2. PUBLIC COMMENT**

None.

**3. CONSENT AGENDA**

- A. Approval of July 18, 2017 Planning Commission meeting minutes.
- B. Large Vacation Home Review – 664 Castle Mountain Road; Stephen Johnson, Owner – 10 occupants

It was moved and seconded (Hull/Foster) to approve the consent agenda as presented and the motion passed 6-0 with one vacancy.

**4. LARGE VACATION HOME REVIEW – 560 HONDIUS CIRCLE; SCOTT RILEY, OWNER; 10 OCCUPANTS**  
Lot size less than one acre minimum requirement.

**Public Comment**  
None.

It was moved and seconded (Murphree/Foster) to approve the vacation home at 560 Hondius Circle to allow a maximum of ten (10) occupants and the motion passed 6-0 with one vacancy.

**5. LARGE VACATION HOME REVIEW – 3149 FISH CREEK ROAD; MARY JAY YUSUF, OWNER; 10 OCCUPANTS**  
Lot size less than one acre minimum requirement.

**Public Comment**  
None.

It was moved and seconded (Hull/Leavitt) to approve the vacation home at 3149 Fish Creek Road to allow a maximum of ten (10) occupants and the motion passed 6-0 with one vacancy.

**6. LARGE VACATION HOME REVIEW – 1320 COUNTRY CLUB DRIVE; MARVIN & PAMELA HART, OWNERS; 10 OCCUPANTS**  
Lot size less than one acre minimum requirement.

**Public Comment**

## RECORD OF PROCEEDINGS

Estes Valley Planning Commission  
August 15, 2017  
Board Room, Estes Park Town Hall

None.

It was moved and seconded (White/Leavitt) to approve the vacation home at 1320 Country Club Drive to allow a maximum of ten (10) occupants and the motion passed 6-0 with one vacancy.

**7. LARGE VACATION HOME REVIEW – 1461 ST. MORITZ TRAIL; THANE SPONSEL, OWNER; 10 OCCUPANTS**

Lot size less than one acre minimum requirement.

**Public Comment**

None.

It was moved and seconded (Foster/Murphree) to approve the vacation home at 1461 St. Moritz Trail to allow a maximum of ten (10) occupants and the motion passed 6-0 with one vacancy.

**8. FERGUSON ONE PRELIMINARY TOWNHOME SUBDIVISION PLAT; LOT 5 & A PORTION OF LOT 6, BLOCK 13, FERGUSONS SUBDIVISION; 1551 MARYS LAKE ROAD – Continued from June 20<sup>th</sup> meeting**

Planner Gonzales stated the staff report for both preliminary subdivision plats would be combined into one; however, two votes will be required by the Commissioners. The applications are to create two separate townhome subdivision plats, each with two lots. The parcels are zoned A-1–Accommodations, and each are approximately 0.5 acres. No new units are proposed; only the two existing duplexes (one is still under construction). This item was continued last month due to a neighbor's concern regarding drainage. The County Engineer recommended conditions of approval, listed below.

**Public Comment**

Seth Hanson/applicant stated the reason for the continuance was to allow time to work out the drainage issues with the adjacent neighbor. He met on site with her several times and agreed on which contractor to use. He stated he is confident a plan can be designed that is satisfactory to both parties. A retaining wall along the property line will be built to keep all the drainage on his property.

David Bangs/project engineer stated he was confident he could remedy the drainage issue, which Larimer County engineers will review for adequacy.

Trudy Ester/county resident stated the historical drainage was from west to east, and now it runs north towards her property. She stated the entire area was full of springs that erupted following the 2013 flood. Mr. Hanson has worked hard on getting the drainage issue resolved. The neighbors are working to determine whether a culvert is needed at Marys Lake Road. She was frustrated with the runaround she received about county grading and drainage requirements.

**Staff and Commission Discussion**

Several Commissioners commended Mr. Hanson and Ms. Ester for working together to arrive at a solution.

Planner Gonzales stated the duplex was permitted by right, and a building permit was issued by the County. The County Engineering Department does not review drainage with building permits. The drainage review was triggered with the Subdivision application.

**Conditions of Approval**

1. A detailed grading and drainage plan for both projects shall be submitted with the Final Plat applications. Upstream and downstream contours and flows shall be discussed and shown on the grading and drainage plan.
2. Show detailed contours and spot elevations on grading and drainage plan.
3. Underdrains shall not daylight within the limits of county road right-of-way.

RECORD OF PROCEEDINGS

Estes Valley Planning Commission  
August 15, 2017  
Board Room, Estes Park Town Hall

4. Shared drainage and maintenance easements between Ferguson Townhome One and Two shall be shown on the Preliminary Plat and Final Plat. This is for the berm shown between the two projects and underdrains shown crossing lot lines.
5. Construction details on the retaining wall and berm shall be submitted with the Final Plat.

It was moved and seconded (Leavitt/Hull) to recommend approval of the Ferguson One Townhome Subdivision to the Larimer Board of County Commissioners according to findings of fact, including findings and conditions recommended by Staff and the motion passed 6-0 with one vacancy.

**9. FERGUSON TWO PRELIMINARY TOWNHOME SUBDIVISION PLAT; LOT 8 & A PORTION OF LOT 7, BLOCK 13, FERGUSONS SUBDIVISION; 1573 MARYS LAKE ROAD – Continued from June 20<sup>th</sup> meeting**

Planner Gonzales state the previous staff report (Ferguson One Townhome Subdivision) also applies to this application. The County requested the same Conditions of Approval, listed below. The one driveway will be shared by residents of both duplexes. Paving of the road was waived by the County.

**Public Comment**

None.

**Staff and Commission Discussion**

None.

**Conditions of Approval**

1. A detailed grading and drainage plan for both projects shall be submitted with the Final Plat applications. Upstream and downstream contours and flows shall be discussed and shown on the grading and drainage plan.
2. Show detailed contours and spot elevations on grading and drainage plan.
3. Underdrains shall not daylight within the limits of county road right-of-way.
4. Shared drainage and maintenance easements between Ferguson Townhome One and Two shall be shown on the Preliminary Plat and Final Plat. This is for the berm shown between the two projects and underdrains shown crossing lot lines.
5. Construction details on the retaining wall and berm shall be submitted with the Final Plat.

It was moved and seconded (White/Foster) to recommend approval of the Ferguson Two Townhome Subdivision to the Larimer Board of County Commissioners according to findings of fact, including findings and conditions recommended by Staff and the motion passed 6-0 with one vacancy.

**10. PRELIMINARY CONDOMINIUM MAP; RIVERVIEW PINES II CONDOMINIUMS; 1150 W ELKHORN AVENUE**

Planner Gonzales stated only one structure is proposed to be condominiumized with this application. The request is to condominiumize a newly constructed office building containing a dwelling unit. There are also two easements proposed to be vacated: a utility easement no longer in use, and a water main easement that was relocated to the side utility easement. The applicant is also proposing to establish a 15-foot sewer main easement on the Final Condominium Map.

The application was routed to affected agencies, a legal notice was published, and adjacent property owners were notified by mail. There were no significant issues or comments.

**Staff and Commission Discussion**

Planner Gonzales stated the applicant was unable to attend the meeting.

**Public Comment**

None.

## RECORD OF PROCEEDINGS

Estes Valley Planning Commission  
August 15, 2017  
Board Room, Estes Park Town Hall

It was moved and seconded (Foster/Murphree) to recommend approval of the Riverview Pines II Preliminary Condominium Map to the Town Board, according to findings of fact, including findings recommended by Staff and the motion carried 6-0 with one vacancy.

### 11. SPECIAL REVIEW DEVELOPMENT PLAN; ESTES PARK BAPTIST CHURCH EXPANSION; 2200 MALL ROAD

Planner Gonzales stated this project is within the unincorporated Estes Valley, and is currently developed with the church building, a parsonage house and some modular office buildings. Zoned RM-Residential Multi-Family, religious institutions are allowed in RM by Special Review. The plans are to build a 9,000 square foot addition to the existing church building, adding 30 parking spaces, removing one of two modular office buildings, and removing and constructing a new maintenance shed. Future plans include a residential duplex on the site. This is permitted by right, so is not included with this review. Throughout the review, staff has had several concerns, one of which is regarding a proposed office that has floor plans similar to residential units. There are also concerns from the adjacent property owners regarding the landscaping, especially since the applicant has requested landscape waivers on all four sides of the property.

The application was routed to affected agencies, a legal notice was published, and adjacent property owners were notified by mail. The County Engineering Department had no comments on the proposed drainage plan. Because there is no change to the interior worship center, additional parking is not required, but the applicant is adding 30 additional spaces. The existing gravel driveway is on land owned by the Federal government. Approval of the expansion is needed by the US Department of the Interior, and a Condition of Approval is listed below regarding this issue.

Regarding the waiver requests for landscape buffering, the Commission will need to make a recommendation as to whether or not to allow the waivers.

#### Staff and Commission Discussion

There was discussion about future construction allowed by right or by development plan amendment. Only the new construction will be required to be dark sky compliant. Any fixtures that are changed out will need to be dark sky compliant. The access across Federal land is historic and supposedly there is no written access easement. Dealing with Federal agencies can take a long time, which is why the condition of approval was added. There was brief discussion about the size of the addition related to the number of parking spaces required.

#### Public Comment

Laura Case/county resident stated exterior lights at the church are on 24/7 and existing trees do not block everything. She stated the pastor has not been forthcoming about uses on the property. She questioned the proposed use, because of contradictions between the development plan application and the church's website. The church website states the expansion will be a "mission house."

Joy Harvey/county resident requested the Commissioners deny the request to waive the landscaping requirements. The Statement of Intent is unclear as to the use of the expansion and the modular units, and she requested a clear and accurate description of the expansion and modular units. She stated the modulars were moved very close to the property lines last summer, without permits. Neighbors want the Commission to consider what the true development may become. She also read a letter from Clayoma Gilliland, who was not able to attend the meeting. *Note: All written public comments are posted on the Town website.*

Tom Bergman/project engineer stated the applicant was not in attendance. He agreed there should be additional screening on the south side. The existing modular on west side will remain as office space. The mission home is not on this plan because a residential home is allowed by right. The main entrance to the sanctuary will change when the new addition is built.

## RECORD OF PROCEEDINGS

### Estes Valley Planning Commission

August 15, 2017

Board Room, Estes Park Town Hall

#### Staff and Commission Discussion

Staff and Commission comments included: disappointment that the applicant was not present to discuss the rental unit, mission house, trash, tent city, illegal use of the property, modular, etc.; too many questions to make a recommendation; several Commissioners were in favor of a continuance so the applicant could be present to answer questions; with this being a religious organization, the review and conditions are somewhat limited.

**It was moved and seconded (Hull/White) to continue the Estes Park Baptist Church Special Review to the September 19<sup>th</sup> Planning Commission meeting and the motion passed 6-0 with one vacancy.**

- 12. AMENDMENT TO THE ESTES PARK MUNICIPAL CODE SECTION 17 REGARDING SIGNS.** Director Hunt stated sign code is still in draft form, and there is considerable interest in additional review by the public. He would like to request a continuance of this item to the September 19<sup>th</sup> meeting to allow additional public input. He has been in contact with the Economic Development Corporation and hopes to have the final draft available by the end of August. There is a Town Board goal to get a new sign code adopted by the end of 2017. Public input is important.

**It was moved and seconded (White/Hull) to continue the hearing for the amendment to the Estes Park Municipal Code regarding signs to the September 19<sup>th</sup> Planning Commission meeting and the motion passed 6-0 with one vacancy.**

- 13. AMENDMENT TO THE ESTES VALLEY DEVELOPMENT CODE REGARDING BED & BREAKFAST INNS** Planner McCool stated staff would like to request a continuance to allow additional discussion relating to vacation homes and bed and breakfasts. Continuance to the September 19<sup>th</sup> Planning Commission meeting would be appreciated.

**It was moved and seconded (Foster/Hull) to continue the hearing for the amendment to the Estes Valley Development Code regarding Bed and Breakfast Inns to the September 19<sup>th</sup> Planning Commission meeting and the motion passed 6-0 with one vacancy.**

- 14. AMENDMENT TO THE ESTES VALLEY DEVELOPMENT CODE REGARDING OUTDOOR FOOD VENDORS**

Planner McCool reviewed the staff report in Planner Becker's absence. There is an unsatisfied need in the Estes Valley for food trucks and outdoor food vending. Currently, no licensing process exists specifically for food truck vendors; however, staff has been using the Temporary Use Permit for food truck owners. Regulations would provide a clear interpretation of how and where this operation is allowed in specific zoning district in the EVDC. Staff finds this amendment is necessary to address the changing need in the community. Food trucks can provide economic benefit to the town, and regulations would provide a more organized structure than the current process.

#### Staff and Commission Discussion

Discussion about #18, and whether or not that language should be in the code. Director Hunt stated the market would regulate itself, but staff would want to monitor any locations with multiple food trucks. Commissioner Hull inquired about #6, requesting additional information about what was considered "undeveloped". Director Hunt clarified that in this case, an undeveloped lot would be one that does not have an existing use established through zoning regulations. An example would be the disallowance of a food truck owner parking and running his business in an undeveloped meadow.

In regards to this proposed amendment, food trucks would be allowed in zone districts CD—*Commercial Downtown*, CO—*Commercial Outlying*, I-1—*Industrial*, A—*Accommodations*, and CH—*Commercial Heavy*.

## RECORD OF PROCEEDINGS

**Estes Valley Planning Commission**  
**August 15, 2017**  
**Board Room, Estes Park Town Hall**

There was additional discussion including, but not limited to: compliance with health department regulations; not limited to local food truck owners (use the word "regional" instead); if an HOA wanted to have a food truck for a special event, they would need to apply for a Temporary Use Permit; the requirement of a recycle bin was suggested; concern that the local business community had not been notified of the proposed amendment.

Director Hunt suggested continuing this amendment to the October 17<sup>th</sup> meeting, if there was a desire by the Commission to reach out to the local business community. Planner Becker would be responsible for the outreach, as she is the lead planner on this proposed amendment.

**It was moved and seconded (Foster/Leavitt) to continue the proposed amendment to the EVDC regarding food trucks to the October 17, 2017 Planning Commission meeting to allow staff time for further development of facts and the motion passed 6-0 with one vacancy.**

### 15. REPORTS

Director Hunt reported Safeway's development plan was approved and the building permit is close to being issued. Construction will be during the slower months. There was concern about the ongoing parking issue (or absence thereof). Safeway conducted a parking study that confirmed there were enough spaces available, as long as they enforce patronage. In June, Safeway received a variance from the impervious coverage requirement. Director Hunt stated he would like to propose a code amendment in the future that would recognize shopping centers and the things that are specific to them, which would include parking.

Director Hunt reported the Town Board continued the proposed EVDC amendment regarding the Preferred Plant List to allow the Fire District time to review the code language.

County Staff Liaison Michael Whitley reported the Board of County Commissioners was meeting today to appoint Mr. Doyle Baker as the newest county representative for the Estes Valley Planning Commission. Mr. Baker lives in Little Valley.

Director Hunt reported he was optimistic that a new Senior Planner would be on board by the end of September.

Director Hunt reported September 28<sup>th</sup> would be the third and last community forum. Parking will be one of the topics. The drop-in forum will be held in the Town Board room, with the time to be determined.

Director Hunt reported a joint Town Board and County Commission meeting will be held Monday, September 18<sup>th</sup> to discuss the forthcoming EVDC amendments as presented at the May Town Board and County Commission meetings. The Planning Commissioners are encouraged to attend. The meeting is being organized by the Town Clerk's office.

Director Hunt reported the former Taco Bell/KFC building will be demolished to make room for a new Starbucks that has drive-through service.

Code Compliance Officer Linda Hardin reported on vacation homes, stating there have been approximately 425 inspections thus far. Regarding Host Compliance, there have been 40 phone calls to them regarding vacation rentals, though not all involved possible violations. Considering how busy town is this summer, she thinks this is a very low number of calls. The 694 vacation homes reported by Host Compliance includes commercial districts, and possible homes outside our jurisdiction. The current license registration number is at 527, with the cap being 588. It was suggested to add the Host Compliance phone number to the Vacation Home web page. CCO Hardin reviewed the process involved when a call is received, stating there were still a few issues to work out regarding how conversations with callers are handled, and she will continue to work with Host Compliance representative.

RECORD OF PROCEEDINGS

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Estes Valley Planning Commission

August 15, 2017

Board Room, Estes Park Town Hall

There being no further business, Chair Schneider adjourned the meeting at 3:48 p.m.



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Russ Schneider, Chair



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Karen Thompson, Recording Secretary

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## RECORD OF PROCEEDINGS

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*Town of Estes Park, Larimer County, Colorado, August 17, 2017*

Minutes of a regular meeting of the Parks Advisory Board of the Town of Estes Park, Larimer County, Colorado. Meeting held in the Executive Board Room of the Estes Park Events Center on the 17<sup>th</sup> day of August, 2017.

Present       Celine Lebeau  
                  Carlie Bangs  
                  Duane Lockwood  
                  Terry Rustin  
                  Merle Moore  
                  Vicki Papineau

Also

Present:       Greg Muhonen, Director of Public Works  
                  Kevin McEachern, Operations Manager  
                  Megan Van Hoozer Assistant  
                  Patrick Martchink, Town Board Liaison

Absent:        Ronna Boles, Brian Berg

Chair Lebeau called the meeting to order at 8:31 a.m.

No public comment

### **GENERAL BUSINESS**

It was moved and seconded (Lockwood/Moore) to approve the July 20, 2017 meeting minutes and the motion passed unanimously.

### **PARKS DIVISION UPDATE**

Public Works Operations Manager, Kevin McEachern provided the Parks Division Updates in Brian Berg's absence.

- The Centennial Knoll Willows is now complete.
- The Parks crews are working to complete the landscaping at the new parking structure.

## RECORD OF PROCEEDINGS

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### Parks Advisory Board – August 17, 2017 – Page 2

- Mrs. Walsh's Garden ("Garden") was recently deeded/donated to the Town as an additional park. Annual maintenance revenue will come from the Northern Colorado Foundation Endowment Fund set up years ago. The funds provided are approximately \$45,000 per year. Understanding that it will not cost the Town this sum of funding on an annual basis to maintain, the thoughts are that some of the funds could be used to grow the Garden, perform xeriscaping, and provide educational programming. The Garden is currently set up as a botanical garden containing only native species of plants/flowers with associated labeling.

Co-chair Moore feels it's critical to watch the endowment fund money which is designated to the Garden. The individual that has provided maintenance for the Garden, Joan, could provide the Town a history of the maintenance needs as well as the desired use of the Garden. It is critical that we understand the specifics for which the funds are to be used. Supervisor Berg and Joan have been in communications so the PAB will request an update at the September PAB meeting.

- The Parks Division will begin trimming trees for the winter. To assist in this effort, the Streets Division will identify the tree limbs that would be broken during snow removal.
- A member asked about when the bicycle dismount decals would be applied to the pavement along the Riverwalk. At this time, the Parks Division has efforts focused on other items due to the heavy workload. A status will be brought to the next regularly scheduled PAB meeting.
- Member Rustin suggested ashtrays be added at the Visitor Center after witnessing a visitor put a lit cigarette in the recycle bin at the Visitor Center. Director Muhonen witnessed another individual put their cigarette butt in a flower planter. This will be assessed and a determination will be brought back to the PAB.
- Member Papineau requested a status of the plan for the existing covered picnic pavilion near the Visitor Center. Anticipating the installation of Veterans Monument Park, the question was asked regarding whether the plans are to build a new one on the opposite side of river or reuse the existing structure. The Town is currently weighing the options. A picnic pavilion is needed due to the extensive use by residents and visitors. No objections were heard to tearing down and discarding the existing pavilion as long as new one is built.

**Parks Advisory Board – August 17, 2017 – Page 3**

**OTHER BUSINESS**

CORA - Colorado Open Records Act: There was a discussion about whether boards/commissions should be assigned Town email addresses. As part of a citizen board, members are subject to CORA. There is a potential that members could be requested for information pertaining to specific issues/discussions. Based on cost, it was determined that Town emails addresses will be needed only for Boards with decision-making responsibilities (Planning Commission / Board of Appeals) rather than advisory boards. Director Muhonen communicated that members may be asked for information if a request for records is received.

Member Rustin asked if the Town donated the Fish Hatchery property for the workforce housing initiative and Director Muhonen confirmed. As reflected in the bid documents there will be conditions regarding certain aspects of existing property. The Town wants to do their part to help with attainable housing in order to make a meaningful difference to employees in the Estes Valley.

Director Muhonen discussed a tour he provided Great Outdoor Colorado (GOCO) to display the Town's vision and planned phases for the Fall River Trail. The Town has applied for a \$2 million grant for phase one of the new trail design. Chair Lebeau requested the final design drawings (by phase) be sent to her.

Member Lockwood conveyed his thanks to Director Muhonen for coming up with electrical box vinyl cover at the parking garage stating it turned out very nice. Muhonen thanked the PAB for their suggestions during the process.

Member Papineau relayed comments received at the Visitor Center regarding some successes in town. The Pikas in the Park program has been very successful and very enjoyable. Additionally, the musical instruments along the Riverwalk are also quite successful. Papineau also suggests that the Estes Arts District coordinate their activities with the publications listing events in Estes Park. Many visitors come back to town for art events they've attended in the past that may or may not be ongoing events. This topic will be brought up in the next regularly scheduled meeting.

Member Papineau received comments at the dedication of the Centennial Open Space at Knoll-Willows regarding the non-native wildflowers that were planted. Papineau would like to know the guidelines for that space so she is well-equipped to provide responses.

## RECORD OF PROCEEDINGS

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### **Parks Advisory Board – August 17, 2017 – Page 4**

Fire Chief David Wolf suggested that when distributing the Recommended Plant Listing the Town also distribute additional hand-outs; 'Fire-Resistant Landscaping' and CSU Horticulture Extension material 'FireWise Plant Materials'. Once a link to the plant listing is made available online, the links for the additional documentation will be provided as well. Co-Chair Moore made a motion to approve Chief Wolf's recommendation and the motion was seconded by Member Papineau. All were in favor. Moore also recommended that CSU extension office mountain gardening bulletins be linked online. Moore will provide the specific information to Megan Van Hoozer.

With no other business to discuss, Chair LeBeau adjourned the meeting 9:21am

## RECORD OF PROCEEDINGS

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*Town of Estes Park, Larimer County, Colorado, July 19, 2017*

Minutes of a regular meeting of the Transportation Advisory Board of the Town of Estes Park, Larimer County, Colorado. Meeting held in the Room 203 of Town Hall on the 19<sup>th</sup> day of July, 2017.

Present: Kimberly Campbell  
Gordon Slack  
Ken Zornes  
Amy Hamrick  
Belle Morris

Also Present: Bob Holcomb, Town Board Liaison  
Greg Muhonen, Public Works Director  
Megan Van Hoozer, Public Works Administrative Assistant  
Kevin Ash, Public Works Engineering Manager  
Sandy Osterman, Shuttle Committee  
Keith Wakefield, CDOT  
Steve Gabriszeski, CDOT  
Nic Wackerly, Estes Park Trail-Gazette  
Corey Lang, AECOM

Absent: Ann Finley  
Tom Street  
Stan Black

Chair Campbell called the meeting to order at 12:06 p.m.

No public comment.

There was no quorum so there will be a vote on both the June and July minutes at the next scheduled meeting.

### **SHUTTLE UPDATE**, *Sandy Osterman*

The 4<sup>th</sup> of July shuttle ridership was very good this year with marked increase since its 2013 inception.

The Green Route, picking up on the east side of the Visitor Center, has seen very good ridership numbers. The issue with the U.S. Bureau of Reclamation (BOR) not allowing stopping at the parking structure generated this change in the pick-up/drop-off location. The BOR will provide clarification on the specific reasons for disallowing the

## RECORD OF PROCEEDINGS

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### **Transportation Advisory Board – July 19, 2017 – Page 2**

Green Route shuttle stop at the parking structure. Director Muhonen will provide updates and any additional ideas that may be implemented.

The early route program to serve employees started on July 14 operating Monday through Friday until July 28 and running from 7:00 am to 8:45 am. At this point the employee ridership is low. The program information was distributed to employees via email with a flyer offering many options. The Shuttle Committee will look at the statistics again once the trial program has completed.

Chair Campbell shared feedback on shuttles received at the Farmer's Market outreach efforts. Employees working the second shift at their jobs are the ones that struggle to find parking, not the early employees. Shuttle committee did not perform community outreach prior to beginning test of morning shuttle service which is why this trial program operating only in the early morning hours.

The Estes Park Trolley will operate until September 10, 2017 and will then pick up only for special events.

The Hiker shuttle will continue to run daily departing from the Visitor Center through September 10, then weekends only from September 16 through October 9.

### **CDOT UPDATE – Keith Wakefield**

The current schedule for Highway 7 reflects CDOT advertising for bids in Fall 2017 with construction beginning in Spring 2018. CDOT is hoping to have all work within the Town limits (to Graves Avenue) completed by Memorial Day 2018.

In reference to the concerns originally brought forth regarding bike lanes and rapid flash beacons, it was determined that rapid flash would not be effective if putting several together. CDOT ultimately selected Graves Avenue as a critical point for the rapid flash beacon with another potentially being placed at the Estes Park Conference Center. Significant work will take place on the pedestrian crossing to allow pedestrians more sight distance. All business outreach has taken place. Business owners feel that there need to be flashing beacons to truly ensure safety.

**Transportation Advisory Board – July 19, 2017 – Page 3**

CDOT will incorporate a stripe for bike lane sharing. CDOT is unable to create a dedicated bike lane due to width of road and to the allotted budget.

Wakefield walked the TAB through the site drawings to allow for any additional feedback prior to going out for bid. CDOT will be adding ADA compliance measures throughout the project. The TAB expressed concerns and discussed potential solutions about sight visibility for pedestrian safety in multiple locations.

**DOWNTOWN ESTES LOOP UPDATE – Corey Lang**

The Finding of No Significant Impact (FONSI) has been received. The next phase is Right of Way (ROW) acquisition(s) and CDOT has already begun reaching out to owners. The design phase of this project has reached 30% completion. Lang reviewed drawings with TAB members to allow questions and ideas to be communicated. Ideas introduced included the new river park area; the additional, and widened, sidewalks; and natural areas that will be turned over to Parks Division. There will be matching aesthetics to the surrounding areas as well as connected bike lanes throughout the system with a protected bike lane on Moraine Avenue.

**PROJECT UPDATES, *Greg Muhonen, Director of Public Works***

Fish Creek: Flatwork has started on the trail with paving to be complete mid-September 2017. This project is still on track to have roadwork done by the end of September 2017. Involved entities are currently in discussion with CDOT for change order to seal coat entire project to provide consistent aesthetic.

Transit Facility Parking Structure: The grand opening for the completion of this project took place on July 14, 2017. The Town's hired contractor would continue to push through punch-list items towards final completion.

**PROJECT UPDATES, *Kevin Ash, Engineering Manager***

Fall River Trail: The Town will be submitting a Phase 2 GOCO grant seeking a max of \$2M for this project. A site visit is to take place in August 2017 with a determination of awarded funding taking place in December 2017. This grant application is for one third of the full project scope and will extend the trail to Fish Hatchery Road.

## RECORD OF PROCEEDINGS

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### Transportation Advisory Board – July 19, 2017 – Page 4

MacGregor Avenue Improvements: Pavement Manager Kelly Stallworth believes these improvements have the potential of being done by end of the summer, 2017. The Estes Valley Recreation and Parks District opted to not fund an extension in 2017.

Digital Message Signs: The digital message signs have been delivered. An RFP for installation has been issued with plans to take a contract to the Town Board on August 8, 2017. The Town has widened the project schedule to allow for installation with a goal of completion in November 2017.

Due to a delay in the digital messaging signs installation, Rocky Mountain National Park will reach out to CDOT for temporary electronic signs to be stationed providing notification of parking availability.

Moraine Avenue Bridge Replacement: This project has faced challenges regarding ROW acquisitions. The Town, along with project consultants, will continue negotiations with involved parties. The Town is tentatively planning to advertise for construction in August 2017.

### **REQUEST FOR SHUTTLE SEASON EXTENSION**, *Chair Campbell*

The Shuttle Committee wrote letter to the Town Board requesting the shuttle season be extended to match the service timeline with RMNP. Town Administrator Frank Lancaster and Trustee Liaison Bob Holcomb were able to get this request incorporated into the Town's Strategic Plan.

### **OTHER BUSINESS**

As of this date, one application has been received for the open TAB position.

With no other business to discuss, Chair Campbell adjourned the meeting at 1:47 p.m.



## RECORD OF PROCEEDINGS

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*Town of Estes Park, Larimer County, Colorado, August 16, 2017*

Minutes of a regular meeting of the Transportation Advisory Board of the Town of Estes Park, Larimer County, Colorado. Meeting held in the Room 203 of Town Hall on the 16<sup>th</sup> day of August, 2017.

Present: Belle Morris  
Gordon Slack  
Ken Zornes  
Ann Finley  
Stan Black

Also Present: Bob Holcomb, Town Board Liaison  
Greg Muhonen, Public Works Director  
Megan Van Hoozer, Public Works Administrative Assistant

Absent: Kimberly Campbell  
Amy Hamrick  
Tom Street

Co-Chair Morris called the meeting to order at 12:08 p.m.

There was no quorum requiring there be a vote to approve the June, July and August minutes at the next regularly scheduled meeting.

No public comment.

On August 22, the Town Board will announce the appointment of the new Transportation Advisory Board member, Claudine Perrault. Member Finley will mentor her. Orientation for Perrault will take place in August and early September.

Downtown Parking Management Plan: Director Muhonen requested TAB participation at the upcoming community meeting regarding Estes Park's Downtown Parking Management Plan on August 24, 2017 from 5:30pm to 7:30pm. Another community meeting will take place on September 28, 2017 with times to be announced. All community meetings were originally planned to take place during the same timeframe, but community input reflected the need for the time periods to change each month to allow all community members the opportunity to attend the discussions.

Muhonen stated that he had a conference call with Kimley Horn's technology expert on this date. At the August Community Meeting, there will be a presentation with three

**Transportation Advisory Board – August 16, 2017 – Page 2**

breakout sessions to follow. A chart will be provided showing various paid parking technology types. Education about the available technology needs to take place. For August, the presenter will spend some time educating attendees on the technology types and will have a full discussion at the September community meeting.

Another hand-out available at the August meeting will be a map allowing attendees to color in each lot with their idea of which should be paid parking (premium vs. economy), free parking, specified times of year, etc.

The final hand-out in August will be a sheet showing jars with various options for revenue allocation. Attendees can opt for all revenue to be allocated to one area or can break the revenue into percentages across multiple areas. Based on peer analysis, other small mountain communities were viewed (*Manitou Springs, Aspen*), both with progressive fee schedules and changing rates between off-season and peak season. The question is posed to the citizens, should there be a progressive rate structure or a flat rate?

Director Muhonen suggested there be a TAB presence at the weekly Farmers Market throughout September focusing discussions on the technology options and encouraging citizens to attend the September 28 Community Meeting. Muhonen also mentioned that a new position would need created to manage all aspects of paid parking.

Town Board Trustee Liaison Bob Holcomb stated that if a position is needed for efficiency and success of the project, be sure and ask for it in the budget. So many projects are going on and potentially coming up that if Public Works has to cut back on the number of projects to ensure success, then that's what needs to happen. Better that than have any projects suffer.

Downtown Estes Loop: Muhonen thanked all members for their feedback during the Loop update provided at the July meeting. The Downtown Plan Steering Committee heard the same update and the Parks Advisory Board will hear the update at their next scheduled meeting.

Moraine Avenue Bridge Replacement: An invitation to bid was extended to perform the work on the Moraine Avenue Bridge Replacement and all Right of Way acquisitions have taken place. At this point the Town has not received approval from CDOT on the no-rise analysis. CDOT will continue to analyze until a final determination is made. Muhonen anticipates final comments from consultant this week. With the downtown sidewalk sale taking place the first week of October, the Town will postpone the full closure of Moraine

**Transportation Advisory Board – August 16, 2017 – Page 3**

until the following week. CDOT has expressed their displeasure with a 6-7 month full closure of a state highway. Various utility companies will be performing upgrades simultaneously. The hard closure is expected to take place October 9, 2017.

Digital Message Signs: The Town re-advertised the invitation to bid for installation of the digital message signs. Again, the bids received were well over the allotted budget. The Town may have to find another alternative and go back into design drawings, potentially do a portion of the work ourselves and rebid remaining work.

**OTHER BUSINESS**

CORA - Colorado Open Records Act: There was a discussion about whether boards/commissions should be assigned Town email addresses. As part of a citizen board, members are subject to CORA. There is a potential that members could be requested for information pertaining to specific issues/discussions. Based on cost, it was determined that Town emails addresses will be needed only for Boards with decision-making responsibilities (Planning Commission / Board of Appeals) rather than advisory boards. Director Muhonen communicated that members may be asked for information if a request for records is received.

Estes Park's Transit Program Manager, Brian Wells applied for a second grant to purchase an additional electric trolley. TAB will modify original support letter and provide to Wells for submittal with the grant application.

Trustee Liaison Holcomb revisited the topics concerning the Town taking over CDOT's signing, striping, signals within Town limits and the Town handling CDOT's pavement maintenance/snow plowing. Holcomb suggested that Public Works separate the snow plowing task from pavement maintenance task when assessing the potential added service.

With no other business to discuss, Co-Chair Morris adjourned the meeting at 2:02 p.m.

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## Update on the Rocky Mountain Performing Arts Center

**1. The Rocky Mountain Performing Arts Center project has progressed from a vision to an increasingly defined and detailed plan, the required foundation for a successful capital campaign.** The Town Trustees' decision to release FOSH funds to EPIC was critical to this progress, and enabled the hiring of Al Milano, an accomplished executive director who has led capital campaigns to build five arts centers around the country.

**2. EPIC is working to build the performing arts center the community wants, while ensuring the facility and organization are financially sustainable.** The executive director's focus to date has been two-fold. First, he's sought out Estes Valley residents, performing arts stakeholders, and business owners for input and feedback. Second, he and the EPIC board of directors have revised and tailored the mission and design to ensure the Rocky Mountain Performing Arts Center is aligned with the community's vision while anchored by a realistic and sustainable business model. In addition to local resources, EPIC engaged the Bronfenbrenner Consulting Group to provide detailed financial analysis of capacity, projected use, potential revenue streams and ticket pricing, and operating costs.

**3. Feedback from the Estes Valley community and financial analysis have driven significant changes to interior design of the theater.** The most significant change is moving from a fixed 750-seat auditorium to a flexible and highly configurable theater that can accommodate 300 to 600 people with a variety of staging options. In a matter of hours, the theater can change from traditional auditorium seating to cabaret-style with tables and chairs on a flat floor facilitating food and beverage service.

**4. Local architect Roger Thorp's revised design better addresses arts groups' needs.** A major challenge arts groups faced is the lack of dedicated physical space for mounting and rehearsing performances. In moving to a smaller, more flexible configuration, we could add two 1,000-square foot rehearsal rooms and recording studios into the design, as well as an array of ensemble and teaching studio space. The Performing Arts Center is organizing an arts advisory council to ensure continued timely input and feedback to the theater design and future operations.

**5. Project timeline and budget have also changed significantly.** The theater re-design reduced building costs by several million dollars, through the elimination of the auditorium balcony, underground parking, and other performance features, which no local arts group considered essential. The current plan is to build the performing arts center in stages. Stage 1 is site preparation and completion of the River Walk in coordination with the Town's Moraine Avenue bridge replacement project. We anticipate work beginning in late 2018. We have moved up construction of the theater to stage 2, working toward groundbreaking on the theater in 2019 and opening in the spring of 2020.



EPIC, Inc.  
P.O. Box 3077  
Estes Park, CO 80517  
September 2017

**6. The performing arts center's new flexibility will substantially increase revenue streams flowing into its budget.** This includes a wide variety of event rentals and rentals of the recording studios. Also under consideration is the addition of an IMAX screen and facility. This can extend the Center's programming beyond live theater and music events with presentations of videos of cultural, sports and popular music events from throughout the world.



# Memo

To: Honorable Mayor Jirsa  
Board of Trustees

Through: Town Administrator Lancaster

From: Robin Becker, Planner I

Date: *September 26<sup>th</sup> 2017*

RE: *Supplemental Condominium Map #6- The Meadow Condominiums, Units 13 and 14, Mary's Meadow Development, Inc./ Owner*

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**Objective:**

Review of the Meadow Supplemental Condominium Map Application, submitted by CMS Planning for compliance with the Estes Valley Development Code (EVDC) to allow for units 13 and 14.

**Present Situation:**

The applicant has submitted a supplemental condominium map application for the Meadow Condominiums; units 13 and 14.

The property is zoned A-Accommodations and is located off of Kiowa Trail approximately 250 feet north of the Kiowa Drive and Kiowa Trail intersection. Development Plan DP 06-01 has been approved wherein ten (10) units have been completed with the first condominium map and five supplemental maps. This submittal only pertains to units 13 and 14.

Pursuant to state law, condominium units may not be final platted until the units are substantially complete. Because of this, final "supplemental maps" will be submitted as the project builds out. According to the procedure set forth in the Estes Valley Development Code, the Final Condominium map proceeds directly to the Board and is not reviewed by the Planning Commission.

**Proposal:**

Approval of the Supplemental Condominium Map #6, condominiumizing a duplex containing two units (13 and 14).

**Advantages:**

- This proposal complies with the applicable standards of the EVDC, specifically: Section 3.9. E "Standards of Review" for subdivisions, and Section 10.5.H "Condominiums, Townhouses and Other Forms of Airspace Ownership."

- Approving the Supplemental Condominium Map will allow sale of the two units.

**Disadvantages:**

- None.

**Action Recommended:**

Approval of the Meadow Condominiums Supplemental Condominium Map #6.

**Budget:**

N/A

**Level of Public Interest**

No public comments have been received.

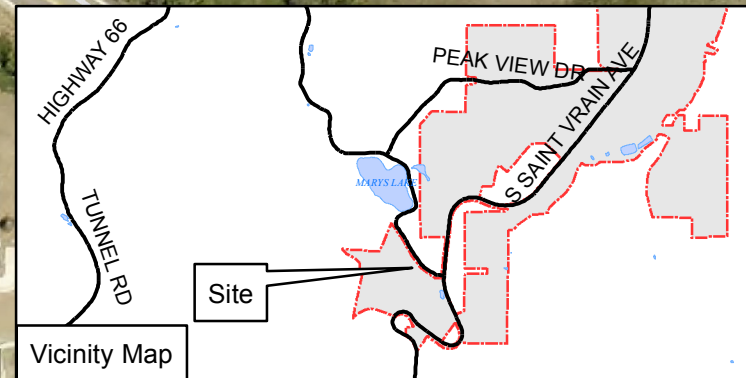
**Sample Motion:**

I move for the Town Board of Trustees Approve the Supplemental Condominium Map #6, Meadow Condominiums.

**Attachments:**

1. Supplemental Condominium Map #6
2. Full Application may be found at:  
<https://www.colorado.gov/pacific/townofestespark/currentapplications>







**Town of Estes Park**  
 Community Development  
 Vicinity Map


Project Name: The Meadow Supplemental Condo Map #6  
Applicant: Mia Tawney and Frank Theis  
Address: 2746 and 2752 Kiowa Trail

1:1,000



0 40 80  
 Feet

Printed: 9/11/2017  
 Created By: Robin Becker

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# Report

To: Honorable Mayor Jirsa  
Board of Trustees

Through: Town Administrator Lancaster

From: Audem Gonzales, Planner II

Date: *September 26, 2017*

RE: *SUBDIVISION FINAL PLAT – ESTES PARK RESORT; LOT 1, LAKE  
ESTES 2ND ADDITION, 1700 BIG THOMPSON AVENUE.*

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Staff is requesting that this item be continued to the October 24, 2017 Town Board meeting date.

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## PROCEDURE FOR PUBLIC HEARING

Applicable items include: Rate Hearings, Code Adoption, Budget Adoption

### 1. **MAYOR.**

The next order of business will be the public hearing on **Ordinance #21-17 Amendment to the Estes Valley Development Code Regarding Administration of the “ComDev Recommended Plant List” – Formerly the “Preferred Planting List”**.

- At this hearing, the Board of Trustees shall consider the information presented during the public hearing, from the Town staff, public comment, and written comments received on the application.
- Any member of the Board may ask questions at any stage of the public hearing which may be responded to at that time.
- Mayor declares the Public Hearing open.

### 2. **STAFF REPORT.**

- Review the staff report.

### 3. **PUBLIC COMMENT.**

- Any person will be given an opportunity to address the Board concerning the Ordinance. All individuals must state their name and address for the record. Comments from the public are requested to be limited to three minutes per person.

### 4. **MAYOR.**

- Ask the Town Clerk whether any communications have been received in regard to the Ordinance which are not in the Board packet.
- Ask the Board of Trustees if there are any further questions concerning the Ordinance.
- Indicate that all reports, statements, exhibits, and written communications presented will be accepted as part of the record.
- Declare the public hearing closed.
- Request Town Attorney read the Ordinance if applicable.
- Request Board consider a motion.

7. **SUGGESTED MOTION.**

- Suggested motion(s) are set forth in the staff report.

8. **DISCUSSION ON THE MOTION.**

Discussion by the Board on the motion.

9. **VOTE ON THE MOTION.**

Vote on the motion or consideration of another action.



# Memo

To: Honorable Mayor Jirsa  
Board of Trustees

Through: Town Administrator Lancaster

From: Randy Hunt, Community Development Director

Date: *September 26, 2017*

RE: ORDINANCE #21-17: AN ORDINANCE AMENDING THE ESTES VALLEY DEVELOPMENT CODE REGARDING ADMINISTRATION OF THE "COMDEV RECOMMENDED PLANT LIST" – FORMERLY THE "PREFERRED PLANTING LIST".

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**Objective:**

Review and recommend approval of amendment to the Estes Valley Development Code (EVDC) regarding the "Preferred Plant List (currently Appendix C), to be renamed the "ComDev Recommended Plant List".

**Present Situation:**

Currently the EVDC contains a "Preferred Plantings List" (Appendix C) that's used as guidance for new development proposals in the Valley. We don't know how long we have had a Preferred Planting List in Code, nor is it clear the last time it was updated. Typically, our online Code maintenance service will indicate the last time a particular section or table was amended. No amendments are noted for the Preferred Planting List. We can assume that it was part of the 2000 EVDC and hasn't changed since.

**Proposal:**

In early 2017, members of the Parks Advisory Board (PAB) and Parks division staff in the Town's Public Works Dept. undertook the task of updating and refining the List. This work was completed several months ago. The final list is attached, labeled the "ComDev Recommended Plant List". Community Development Dept. staff met with the PAB and Parks staff on June 1, 2017. This good discussion result in several changes to an earlier draft of the Code language (Exhibit A). The final product is attached.

The reason for the update seems intuitive. Seventeen years for the same landscaping recommendations seems like a long time. Although plant species themselves do not appear or disappear every day, it's not uncommon for landscaping professionals to update recommendations on mix of species, water requirements, amount of sun/shade, and other specifics.

We also have external events from time to time that require revising recommended plant species. A good example right now is the threat posed by the Emerald Ash Borer.

Unlike the Emerald City of Oz, the Emerald Ash Borer is not something you look forward to seeing. These Borers are exotic beetles from Asia that apparently got into the United States in Detroit around 2002, and have been chomping on ash trees in ever-widening circles since then. The Emerald Ash Borer is in Boulder County. They have not shown up in Estes Valley, but they might... thus, the need to take their favorite local entrée off our Plant List. That would be the Green Ash, which is now crossed off the List (p. 3).

This update coincides with current Planning staff's new approach to avoid perpetuating Code elements that are overly specific or rigid, and to allow creativity and alternative means of compliance. Putting a Planting List in the EVDC strongly implies that the species on the list and their methods of care are the only way one can comply with Code landscaping requirements.

It would be unfortunate to have the List interpreted to require that only included species be installed and no others. Some problems with that include: Unavailability of certain specific species at some times of year; lack of ability to adapt to micro-climatic or edaphological needs; and the implication that a development site has to be scraped clean of all non-approved species.

There is also a built-in contradiction in making a "Preferred" list mandatory. Having the list in Code implies that you'll get in trouble if you plant anything else. Either it's mandatory – i.e., required – or it's preferred – i.e., optional. It's confusing to suggest both at the same time.

Most development Codes in the U.S. have gotten away from listing species in the Codes themselves. Nowadays, they are usually administrative lists that are specifically referenced in Code, but not included word-for-word – just as suggested here. This approach has two advantages: (a) the list does not take on an overly rigid framework; and (b) the list can be updated by experts (the Parks staff and the PAB, in our case) as events warrant, without going through a creaky cumbersome Code amendment process each time.

A few other changes are in this Code amendment:

- The name of the List is changed to "ComDev Recommended Plant List", as suggested by Parks staff and/or PAB. This has the advantage of making it clear that the list has a relationship to the Community Development Department's functions – e.g., development review and site planning. In the old "Preferred Planting List", it was unclear who was doing the "preferring". Although no one in Community Development at present is a landscape architect or horticulturalist, the Town is fortunate to have specialists available; their help is much appreciated.
- A change is made to clarify that subsections 7.5.D.2 and 7.5.G.1 both require that "Important Wildlife Habitat" (as defined and regulated elsewhere in Code) should be restricted to native species on the List. This was wisely suggested by the PAB. Wildlife in many cases depend on food sources for which their nutritional needs and digestive systems are adapted. It is good public policy to get them to eat what Nature designed them for, instead of the critter equivalent of junk food. (Wildlife dentists and gastroenterologists are in short supply these days.)



- [Update for September 26, 2017:] Lastly, the Estes Valley Fire Protection District was consulted about the list, and recommended that two additional documents also be provided to landowners and others – both from CSU Cooperative Extension. Those are: (a) “Fire Resistant Landscaping” (No. 6.303); and (b) “FireWise Plant Materials (No. 6.305). The PAB has reviewed and concurred that these two documents are appropriate additions to the primary list. This EVDC amendment would allow for distribution of all three lists or documents in a package.

**Advantages:**

- Complies with the EVDC §3.3.D Code Amendments, Standards for Review.
- Advances the intent and community-wide policies set forth in the Estes Valley Comprehensive Plan.
- Supports the goal of simplifying and providing flexibility and alternatives for compliance under the Code and regulations.
- Allows for ease of regular updates to the Recommended Plant List.
- Recommended by the Town’s Parks staff and the Parks Advisory Board, with advice and review from the Estes Valley Fire Protection District.

**Disadvantages:**

- None have been identified to date.

**Action Recommended:**

The Estes Valley Planning Commission heard this item on June 20, 2017, and voted unanimously (7 for, 0 against) to recommend that the Town Board of Trustees and the County Board of Commissioners approve the amendment.

**Budget:**

n/a

**Level of Public Interest**

Low.

**Sample Motion:**

I move that the Town Board of Trustees **approve** Ordinance No. 21-17, amending the Estes Valley Development Code as stated in Exhibit A, finding that the amendment is in accord with the Comprehensive Plan and with Section 3.3 of the Development Code.

**Attachments:**

1. Ordinance No. 21-17
2. Exhibit A: [“Preferred Planting List” amendment]
3. “ComDev Recommended Plant List”, dated January 20, 2017 (latest version updated in May 2017 to strike out Green Ash (*fraxinus pennsylvanica*), p. 3.)
4. “ComDev Recommended Plant List” [revised June 2017]
5. “Fire Resistant Landscaping” (Fact Sheet No. 6.303, CSU Extension)
6. “FireWise Plant Materials (Fact Sheet No. 6.305, CSU Extension)

**Ordinance No. 21-17**

**AN ORDINANCE AMENDING THE ESTES VALLEY DEVELOPMENT CODE REGARDING ADMINISTRATION OF THE “COMDEV RECOMMENDED PLANT LIST” – FORMERLY THE “PREFERRED PLANTING LIST”.**

**WHEREAS**, on June 20, 2017, the Estes Valley Planning Commission conducted public hearings on a proposed text amendment to the Estes Valley Development Code, Sections 7.5.D (General Landscaping Design Standards), 7.8.G (Review Standards), and Appendix C (Preferred Planting List); and found that the text amendment complies with Estes Valley Development Code §3.3.D *Code Amendments, Standards for Review*; and

**WHEREAS**, on June 20, 2017, the Estes Valley Planning Commission voted to recommend approval of the text amendment; and

**WHEREAS**, the Board of Trustees of the Town of Estes Park finds the text amendment complies with Estes Valley Development Code §3.3.D *Code Amendments, Standards for Review* and has determined that it is in the best interest of the Town that the amendment to the Estes Valley Development Code, as set forth on Exhibit A, be approved; and

**WHEREAS**, said amendment to the Estes Valley Development Code is set forth on Exhibit A, attached hereto and incorporated herein by this reference:

**NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE TOWN OF ESTES PARK, COLORADO:**

**Section 1:** The Estes Valley Development Code shall be amended as more fully set forth on Exhibit A.

**Section 2:** This Ordinance shall take effect and be enforced thirty (30) days after its adoption and publication.

**PASSED AND ADOPTED BY THE BOARD OF TRUSTEES OF THE TOWN OF ESTES PARK, COLORADO, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2017.**

TOWN OF ESTES PARK, COLORADO

By: \_\_\_\_\_ Mayor

**ATTEST:** \_\_\_\_\_

**Town Clerk**

I hereby certify that the above Ordinance was introduced and read at a regular meeting of the Board of Trustees on the \_\_\_\_\_ day of \_\_\_\_\_, 2017 and published in a newspaper of general circulation in the Town of Estes Park, Colorado, on the \_\_\_\_\_ day of \_\_\_\_\_, 2017, all as required by the Statutes of the State of Colorado.

\_\_\_\_\_  
**Jackie Williamson, Town Clerk**

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“PREFERRED PLANTING LIST” Amendment (Alpha Orange)

Town Board: Sept. 18, 2017

**§ 7.5 - LANDSCAPING AND BUFFERS**

D. **General Landscaping Design Standards.**

2. **Plant Materials.**

a.

(1) Use of Native or Adaptive Plant Materials. Refer to Appendix C the “ComDev Recommended Plant List” for lists of plant materials considered native or appropriate. The “ComDev Recommended Plant List” is an administrative advisory document, and shall not be construed as limiting landscape species choices to those listed, nor construed as excluding other landscape species choices; provided, however, that in identified important wildlife habitat areas in accordance with this Code, the provisions of Sec. 7.5.G.1.b shall apply. The “ComDev Recommended Plant List” is available by request from the Community Development Department, and is also available on the Town’s website. In order to further water conservation and to assure adequate growth and survival of new plantings, all landscape plans shall be comprised entirely of native or adapted plants that reflect the surrounding plant materials and environment. All proposed plant materials shall be chosen from these lists unless Staff approves an equivalent alternative.

(2) Fire Resistant and FireWise Guidelines. In addition to the “ComDev Recommended Plant List”, the following two documents (or their successors and updates) are also recommended: “Fire Resistant Landscaping” (Fact Sheet No. 6.303, CSU Extension); and “FireWise Plant Materials (Fact Sheet No. 6.305, CSU Extension). These documents (or their successors and updates) shall be available through the Community Development Department, and shall be distributed by staff upon request.

3. **Location and Arrangement of Required Landscaping.**

d. Trees shall be planted to allow for normal growth in height and shape without the need for excessive pruning. Refer to Appendix C the “ComDev Recommended Plant List” for spread characteristics.

g. Trees with a mature height of more than twenty-five (25) feet shall not be planted under utility lines. Refer to Appendix C the “ComDev Recommended Plant List” for height characteristics.

h. Plants that will exceed six (6) inches in height shall not be planted within three (3) feet of a fire hydrant. Refer to Appendix C the “ComDev Recommended Plant List” for height characteristics.

**§ 7.8 - WILDLIFE HABITAT PROTECTION**

G. **Review Standards.**

The following review standards shall apply to all development applications as specified, unless Staff determines that a specific standard may be waived pursuant to subsection F.5. above. It is the intent of this Section that these standards be applied in a flexible fashion to protect wildlife habitat and wildlife species in a cost-effective fashion.

1. **Review Standards.**

b. ~~Non-Native Vegetation~~ Important Wildlife Habitat: Restricted to Native Species on Recommended Plant List. There shall be no introduction of plant species that are not on the approved landscaping list in ~~Appendix C~~ the “ComDev Recommended Plant List” on any site containing any important wildlife habitat area. ~~To the maximum extent feasible,~~ Plans approved under provisions of this Code shall show existing herbaceous and woody cover on the site shall be maintained and removal of native vegetation shall be minimized in connection with development.

## **APPENDIX C. ~~PREFERRED PLANTING LIST~~** **[RESERVED]**

Appendix C – formerly the “Preferred Planting List” - has been repealed and replaced by the “ComDev Recommended Plant List”, an administrative document. The “ComDev Recommended Plant List” is available by request from the Community Development Department, and is also available on the Town’s website.

*[Strikethrough remainder of Appendix C]*

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE CONIFER TREE SPECIES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Abies concolor	concolor (white) fir	4	20'/25'	sun	average	n/a	horizontally tiered branches, soft, bluish-green needles
Juniperus scopulorum	Rocky Mountain upright juniper	4	12'/20'	sun	low	n/a	drought tolerant, scaly foliage ranges from green to gray
J. s. 'Cologreen'	Cologreen juniper	4	6'/20'	sun	low	n/a	light-green foliage, fleshy blue fruit
J. s. 'Gray Gleam'	Gray Gleam juniper	4	6'/15'	sun	low	n/a	blue-gray foliage, holds color well in winter, male clone
J. s. 'Medora'	Medora juniper	4	5'/20'	sun	low	n/a	dense, blue-green foliage, male clone
J. s. 'Moonglow'	Moonglow juniper	4	8'/15'	sun	low	n/a	intense, silvery-blue foliage, female clone
J. s. 'Tolleson's Blue Weeping'	Tolleson's Blue Weeping juniper	3	10'/20'	sun	low	n/a	gracefully arching branches, fine textured foliage
J. s. 'Wichita Blue'	Wichita Blue juniper	4	6'/20'	sun	low	n/a	dense, silvery-blue foliage, male clone
J. s. 'Woodward'	Woodward juniper	4	4'/20'	sun	low	n/a	narrow, upright form, green foliage
Picea pungens	Colorado blue spruce	3	20'/30'	sun/filtered shade	medium	n/a	short, stiff needles ranging in color from green to silvery blue
P. p. 'Baby Blue'	Baby Blue spruce	3	25'/40'	sun/filtered shade	medium	n/a	seed grown with uniform very blue foliage, slow growing
P. p. 'Baby Blue Eyes'	Baby Blue Eyes spruce	3	15'/30'	sun/filtered shade	medium	n/a	silver-blue foliage, compact habit, slow growing
P. p. 'Bakeri'	Bakeri blue spruce	4	20'/40'	sun/filtered shade	medium	n/a	silver-blue foliage, symmetrical, upright form
P. p. 'Blue Select'	Blue Select spruce	3	18'/40'	sun/filtered shade	medium	n/a	very blue foliage, hold color well through winter
P. p. 'Blue Totem'	Blue Totem spruce	3	5'/20'	sun/filtered shade	medium	n/a	powder/blue to blue-green, narrow, upright habit
P. p. 'Fat Albert'	Fat Albert spruce	3	25'/30'	sun/filtered shade	medium	n/a	very blue foliage, naturally straight central leader
P. p. 'Glauca Globosa'	Dwarf globe spruce	3	10'/10'	sun/filtered shade	medium	n/a	dwarf, rounded, compact form of blue spruce
Pinus aristata	Bristlecone pine	3	15'/25'	sun/filtered shade	low	n/a	irregular form, deep green needles with white flecks
Pinus contorta var. latifolia	Lodgepole pine	3	20'/40'	sun/filtered shade	medium	n/a	yellowish-green to dark-green needles
Pinus flexilis	Limber pine	3	20'/30'	sun	low	n/a	pyramidal form with smooth, gray bark when young
P. f. 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid pine	4	20'/30'	sun/filtered shade	low	n/a	bluish-green twisted needles, faster growing than species
Pinus ponderosa	Ponderosa pine	4	40'/80'	sun	low	n/a	yellow-green needles, cinnamon color bark
Pseudotsuga manziesii	Douglas fir	3	25'/80'	sun/filtered shade	medium	n/a	fast growing, green needles, pyramidal form
<b>COMDEV RECOMMENDED PLANT LIST - NON-NATIVE CONIFER TREE SPECIES AND THEIR CULTIVARS</b>							
Juniperus chinensis 'Fairview'	upright chinese juniper	3	15'/20'	sun	average	n/a	light-green, scale-like foliage, blue fruit
J. c. 'Hooks'	upright chinese juniper	4	4'/15'	sun	average	n/a	dense, pyramidal form, emerald green foliage
J. c. 'Mountbatten'	upright chinese juniper	4	8'/12'	sun	average	n/a	grayish-green foliage, powdery blue fruit
Larix decidua	European larch	3	20'/30'	sun	moist	n/a	soft, needle-like foliage turns yellow and drops off in fall
Pinus densiflora 'Umbraculifera'	Tanyosho pine	4	15'/15'	sun	low	n/a	slow growing, umbrella form, attractive orange bark
Pinus mugo 'Big Tuna'	Big Tuna mugo pine	4	6'/8'	sun/filtered shade	low	n/a	dense, upright, oval form, stays compact with no shearing

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE DECIDUOUS TREE SPECIES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Acer glabrum</i>	Rocky Mountain maple	4	15'/20'	sun	medium,	n/a	small tree or lg. shrub, yellow fall color
<i>Acer grandidentatum</i>	bigtooth maple	4	25'/15'	sun	low	n/a	small tree or lg. shrub, yellow-orange fall color
<i>A. g.</i> 'Rocky Mountain Glow'	Rocky Mountain Glow bigtooth maple	4	15'/20'	sun	low	n/a	slow growing small tree, yellow-orange fall color
<i>A. g.</i> 'Monzano'	Monzano bigtooth maple	4	20'/25'	sun	low	n/a	slow growing small tree, yellow-orange fall color
<i>Alnus tenuifolia</i>	thinleaf alder	3	12'/12'	sun/part shade	moist	Spring	small tree or lg. shrub, fruits resemble small pine cones
<i>Betula fontinalis</i> (B. occidentalis)	Rocky Mountain birch	4	12'/15'	sun/part shade	medium to moist	n/a	cherry-like bronze bark, yellow fall color
<i>Crataegus douglassii</i>	Douglas hawthorn	4	20'/25'	sun	low	Spring	white flowers in spring, black fruit, orange/red fall color
<i>Populus angustifolia</i>	Narrow leaf cottonwood	3	30'/50'	sun	medium to moist	n/a	willow-like foliage, yellow fall color, suckering habit
<i>Populus tremuloides</i>	Quaking aspen	3	20'/20'	sun	medium	n/a	yellow fall color, suckering habit
<i>P. t.</i> 'Prairie Gold'	Prairie Gold aspen	4	20'/30'	sun	medium	n/a	selected for excellent fall color and fast growth rate
<i>Prunus americana</i>	American plum	3	15'/15'	sun/part shade	dry to medium	Spring	white flowers in early spring, edible fruit
<i>Prunus virginiana</i> var. <i>melanocarpa</i>	Black chokecherry	2	8'/20'	sun	low	Spring	white flowers followed by purple fruit, suckering habit
<i>P. v.</i> 'Canada Red'	Canada Red chokecherry	3	18'/20'	sun/filtered shade	medium	Spring	foliage emerges green then changes to purple-red, suckering habit
<i>Ptelea trifoliata</i>	Wafer ash	4	15'/20'	part to full shade	low to medium	Spring	persistant fruit adds winter interest
<i>Quercus gambelii</i>	Gambel oak	4	12'/18'	sun/filtered shade	low		irregularly spreading branches, persistent winter foliage (brown)

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE DECIDUOUS TREE SPECIES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Acer miyabei</i> 'Morton'	State Street maple	4	20'/30'	sun	medium	n/a	Upright, oval habit, corky bark, yellow fall color
<i>Acer negundo</i> 'Sensation'	Sensation box elder maple	4	20'/25'	sun	low to medium	n/a	a male clone that does not attract box elder bugs
<i>Acer pseudosieboldianum</i>	Korean maple	4	15'/15'	filtered shade	medium to moist	n/a	prefers organically rich soil and even moisture
<i>Acer saccharum</i> 'Flashfire'	Flashfire Caddo sugar maple	4	30'/35'	sun	medium	n/a	thick, dark green summer foliage turns vivid orange in the fall
<i>Acer tataricum</i>	Tatarian maple	4	18'/20'	sun	medium	n/a	more tolerant of alkaline soil than Amur maple
<i>A. t.</i> 'Hot Wings'	Hot Wings Tatarian maple	4	18'/20'	sun	medium	n/a	selected for its bright red fruit (samaras)
<i>A. t.</i> 'Pattern Perfect'	Pattern Perfect Tatarian maple	4	15'/20'	sun	medium	n/a	gold fall color
<i>Aesculus glabra</i>	Ohio buckeye	4	20'/30'	sun/filtered shade	medium to moist	Spring	creamy white flowers, bronze/orange fall color
<i>Aesculus flava</i> (A. octandra)	Yellow buckeye	4	24'/30'	sun/filtered shade	medium to moist	Spring	Yellow flowers followed by "buckeye" fruit
<i>Aesculus</i> x 'Homestead'	Homestead buckeye	4	15'/25'	sun/filtered shade	medium to moist	Spring	rounded form, yellow flowers, prefers organic, moist soil
<i>Amelanchier alnifolia</i>	Saskatoon serviceberry	3	10'/15'	sun	low to medium	Spring	small, fragrant flowers followed by purplish-black fruit

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE DECIDUOUS TREE SPECIES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance serviceberry	4	15'/20'	sun	medium	Spring	white flowers followed by red fruit in late June/early July, fall color yellow to orange to red
Amelanchier laevis 'Spring Flurry'	Spring Flurry Allegheny serviceberry	4	15'/20'	sun	low	Spring	white flowers bloom before foliage appears, orange fall color
Amelanchier lamarckii	Lamark serviceberry	4	15'/20'	sun	low	Spring	white flowers, black fruit, yellow to soft orange/red fall color
Betula nigra 'Heritage'	Heritage river birch	4	20'/30'	sun to filtered shade	high - moist to wet	n/a	salmon-white to reddish brown peeling bark, requires diligent fall and early winter watering prior to the ground freezing
Betula pendula 'Dalecarlica'	Weeping cut-leaf birch	3	20'/25'	sun to filtered shade	high - moist to wet	n/a	pendulous branches and cut-leaf foliage, bark is brown in youth, maturing to grayish-white, yellow fall color
Betula platyphylla 'Fargo'	Dakota Pinnacle birch	4	8'/25'	sun to filtered shade	high - moist to wet	n/a	narrow, columnar habit, tolerant of heat, drought and alkaline soils
Betula populifolia 'Whitespire'	Asian white birch	4	20'/30'	sun to filtered shade	high - moist to wet	n/a	thin, white bark, requires diligent fall and early winter watering prior to the ground freezing
Caragana arborescens	Siberian peashrub	3	12'/15'	sun	low	Spring	branches armed with small spines, pale yellow flowers in late Spring
Celtis occidentalis	Hackberry	4	30'/40'	sun	medium to wet	n/a	rounded habit, tolerant of urban conditions
Crataegus ambigua	Russian hawthorn	4	15'/15'	sun	low to medium	Spring	white flowers followed by glossy, red fruit, yellow fall color, very horizontal branching habit
Crataegus crus-galli var. inermis	Thornless cockspur hawthorn	4	20'/15'	sun	low	Spring	thornless, horizontal branches, white flowers followed by dark red fruits ripening in summer and persisting into winter
Crataegus mollis	Downy hawthorn	4	20'/20'	sun	low	Spring	red, apple-like fruit, stout, curved thorns
Crataegus x mordensis 'Toba'	Toba hawthorn	4	15'/15'	sun	low	Spring	double white flowers fade to pink, red, 1/2" fruit, orange bark
C. x mordinensis 'Snowbird'	Snowbird hawthorn	4	15'/15'	sun	low	Spring	hardier than Toba, dbl. white flowers, red fruit
Crataegus phaenopyrum 'Westwood'	Washington Lustre hawthorn	4	15'/20'	sun	medium	Spring	orange/red fall color, red fruit
<del>Fraxinus pennsylvanica</del>	<del>Green Ash</del>	<del>3</del>	<del>20'/50'</del>	<del>sun</del>	<del>medium</del>	<del>n/a</del>	<del>Emerald ash borer may be a consideration in future plantings of ash trees in Colorado</del>
Maackia amurensis	Amur macckia	3	20'/20'	sun to filtered shade	medium	Summer	dull white, fragrant flowers
Malus 'Adirondack'	Adirondack crabapple	4	8'/15'	sun	medium	Spring	white flowers, orange/red fruit, upright, spreading habit
M. 'Centurion'	Centurion crabapple	4	15'/20'	sun	medium	Spring	columnar, upright habit, rose-red flowers, red fruit
M. 'Coralburst'	Coralburst crabapple	4	12'/15'	sun	medium	Spring	compact, rounded habit, semi-double pink-rose blooms, fruit sparse to none
M. 'David'	David crabapple	4	12'/12'	sun	medium	Spring	compact, rounded habit, pink/white blooms, red fruit, alternate bloomer
M. 'Dolgo'	Dolgo crabapple	4	20'/20'	sun	medium	Spring	white blooms, large, red fruit, long blooming
M. 'Indian Magic'	Indian Magic crabapple	4	15'/15'	sun	medium	Spring	deep pink blooms, persistent red-orange fruit
M. 'Lancelot'	Lancelot crabapple	4	8'/10'	sun	medium	Spring	compact, upright habit, red buds/white blooms, gold fruit
M. 'Lollipop'	Lollipop crabapple	4	10'/10'	sun	medium	Spring	rounded, compact habit, fragrant, white blooms, yellow fruit



**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE DECIDUOUS TREE SPECIES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
M. 'Louisa'	Louisa crabapple	4	12'/12'	sun	medium	Spring	weeping habit, pink blooms, lemon-gold fruit
M. 'Prairiefire'	Prairiefire crabapple	4	18'/18'	sun	medium	Spring	pinkish-red buds, deep pink blooms, purple red fruit, red tinged foliage turns orange-red in fall
M. x moerlandsii 'Profusion'	Profusion crabapple	4	18'/18'	sun	medium	Spring	deep pink blooms, maroon fruit, leaves purplish in spring becoming bronze
M. 'Radiant'	Radiant crabapple	4	15'/18'	sun	medium	Spring	red buds open to deep pink blooms, persistent red fruit, leaves reddish-purple in spring becoming green
M. 'Red Barron'	Red Barron crabapple	4	8'/18'	sun	medium	Spring	reddish-pink blooms, persistent red fruit, leaves purplish in spring becoming bronze
M. 'Red Jewel'	Red Jewel crabapple	4	12'/12'	sun	medium	Spring	upright, oval habit, white blooms, persistent red fruit
M. 'Robinson'	Robinson crabapple	4	20'/20'	sun	medium	Spring	upright, spreading habit, deep pink blooms, persistent, dark-red fruit, bronze-green leaves
M. 'Royal Raindrops'	Royal Raindrops crabapple	4	12'/15'	sun	medium	Spring	burgundy red blooms, dark red purple fruit, purple leaves
M. 'Sargent'	Sargent crabapple	4	12'/8'	sun	medium	Spring	spreading habit, white blooms, dark red fruit
M. 'Sargent Tina'	Tina Sargent crabapple	4	6'/5'	sun	medium	Spring	white blooms, bright red fruit, dwarf form
M. 'Sentinel'	Sentinel crabapple	4	12'/18'	sun	medium	Spring	blooms red in bud turning white, bright red fruit, upright, narrow form good for narrow spaces
M. 'Spring Snow'	Spring Snow crabapple	4	18'/18'	sun	medium	Spring	fragrant, white blooms, fruitless, yellow fall color
M. 'Sugar Tyme'	Sugar Tyme crabapple	4	15'/18'	sun	medium	Spring	fragrant, white blooms, persistent red fruit
M. 'Thunderchild'	Thunderchild crabapple	4	15'/15'	sun	medium	Spring	rose-pink blooms, purple-red fruit, purple leaves
Populus x canescens 'Tower'	Tower cottonless cottonwood	4	10'/25'	sun	medium to moist	n/a	like Lombardi popular (narrow/upright) but more disease resistance
Populus tremula 'Erecta'	Columnar Swedish aspen	3	15'/35'	sun	medium to moist	n/a	very narrow, upright form, very cold hardy
Prunus armeniaca var. mandshurica 'Moongold'	Moongold apricot	4	15'/20'	sun	medium	Spring	pink flowers, edible fruit, orange/red fall color
Prunus maackii	Amur chokecherry	4	20'/20'	sun	medium	Spring	white flowers, coppery-orange bark, black fruit
Prunus nigra 'Princess Kay'	Princess Kay plum	4	12'/15'	sun	medium	Spring	double, fragrant, white flowers, nearly black bark with white lenticels, fruit negligible to none
Prunus padus	Mayday tree, bird cherry	4	18'/20'	sun to filtered shade	medium	Spring	white flowers, showy fruit attracts birds
Pyrus ussuriensis 'Burgundy'	Burgundy Ussurian pear	3	15'/20'	sun	medium	Spring	white flowers, burgundy fall color, protect trunk from rabbit, mouse feeding on bark
P. u. 'Prairie Gem'	Prairie Gem Ussurian pear	3	15'/20'	sun	medium	Spring	white flowers, yellow/orange fall color, protect trunk from rabbit, mouse feeding on bark
Quercus macrocarpa	Burr oak	3	50'/50'	sun	medium to low	n/a	produces showy acorns
Sorbus aucuparia 'Michred'	Cardinal Royal mountain ash	3	15'/25'	sun	medium	Spring	white flowers, leaves green above and silvery beneath, clusters of orange/red fruit in fall
Tilia americana 'Sentry'	American Sentry linden	4	24'/35'	sun	medium to moist well drained	Spring	fragrant, pale yellow flowers

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE CONIFER SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Juniperus communis</i>	Common spreading juniper	2	1'3'	sun	low	n/a	low growing, tolerant of poor soils
J. c. 'AmiDak'	Blueberry Delight juniper	2	1'3'	sun	low	n/a	attractive blue fruit, a No. Dakota State Univ. introduction
<i>Juniperus scopulorum</i> 'Blue Creeper'	Blue Creeper Rocky Mt. juniper	3	2'6'	sun	low	n/a	bright blue foliage does not change color in winter
J. s. 'Table Top Blue'	Table Top Blue Rocky Mt. juniper	3	4'6'	sun	low	n/a	bright blue foliage intensifies in summer
J. s. 'Winter Blue'	Winter Blue Rocky Mt. juniper	4	18"/15"	sun	low	n/a	silvery-blue foliage
<i>Picea pungens</i> 'Procumbens'	Prostrate blue spruce	2	10'2'	sun	medium to moist, well drained	n/a	plant to scramble over rocks, stone walls
P. p. 'Montgomery'	Montgomery blue spruce	3	3'3'	sun	medium	n/a	silvery-blue foliage
P. p. 'Roundabout'	Roundabout blue spruce	3	2'3'	sun	medium	n/a	green foliage, mounded habit
P. p. 'St. Mary's Broom'	St. Mary's Broom blue spruce	3	3'2'	sun	medium	n/a	blue foliage
P. p. 'Waldbrunn'	Waldbrunn blue spruce	3	3'1.5'	sun	medium	n/a	blue/gray/green foliage, low, spreading habit

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE CONIFER SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Juniperus chinensis</i> 'Pfitzeriana'	Pfitzer spreading Chinese juniper	3	10'8'	sun	low to medium	n/a	silver/blue/green foliage
J. c. 'Sea Green'	Sea Green spreading Chinese juniper	4	6'4'	sun	low to medium	n/a	soft green foliage holds color in winter, compact with fountain-like arching habit
J. c. 'Prostrata'	Prostrate spreading Chinese juniper	4	2'6'	sun to filtered shade	low to medium	n/a	very low growing ground cover habit
J. c. 'Prostrata Variegata'	Variegated spreading Chinese juniper	4	2'6'	sun to filtered shade	low to medium	n/a	low growing, gold edge on the needles
<i>Juniperus x pfitzeriana</i> 'Old Gold'	Old Gold spreading juniper	4	4'2'	sun	low to medium	n/a	bronze/gold foliage
J. x pfitzeriana 'Kallay's Compact'	Kallay's Compact spreading juniper	4	6'3'	sun	low to medium	n/a	medium green needles, dwarf pfitzer-type juniper
J. h. 'Bar Harbor'	Bar Harbor spreading juniper	3	6'1'	sun	low to medium	n/a	blue-gray foliage turns purplish in winter
<i>Juniperus horizontalis</i> 'Blue Chip'	Blue Chip spreading juniper	4	8'1'	sun	low to medium	n/a	silver-blue foliage holds color in winter
J. h. 'Monber'	Monber spreading juniper	4	10'1'	sun	low to medium	n/a	prostrate, ground hugging form with silver-blue foliage
J. h. 'Prince of Wales'	Prince of Wales creeping juniper	4	6'5'	sun	low to medium	n/a	horizontal creeping form, green foliage develops burgundy tint in winter
J. h. 'Wiltonii'	Blue rug juniper	3	6'5'	sun	low to medium	n/a	prostrate, ground-hugging habit, silvery blue foliage
J. h. 'Youngstown'	Youngstown creeping juniper	4	6'1'	sun	low to medium	n/a	mounding habit, silver-gray foliage
<i>Juniperus sabina</i> 'Broadmoor'	Broadmoor spreading juniper	3	6'1.5'	sun	low to medium	n/a	extremely dense mounding form, soft-green foliage
J. s. 'Buffalo'	Buffalo spreading juniper	4	8'1'	sun	low to medium	n/a	emerald green foliage, dense, ground covering habit
J. s. 'Calgary Carpet'	Calgary Carpet spreading juniper	3	5'1'	sun	low to medium	n/a	lime green foliage, holds color through winter
J. s. 'Scandia'	Scandia spreading juniper	3	6'2'	sun	low to medium	n/a	dense spreading, flat topped habit, light olive green foliage
J. s. 'Tamariscifolia'	Tamarix spreading juniper	4	8'3'	sun	low to medium	n/a	densely branched, symmetrically spreading, mounding habit

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE CONIFER SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Pinus mugho 'Mops'	Mops mugho pine	3	5'/5'	sun	medium	n/a	very slow growing, a true dwarf conifer
P. m. var. pumilio	Dwarf mugho pine	4	8'/5'	sun/filtered shade	low	n/a	irregular form, dense, spreading habit
P. m. 'Sherwood Compact'	Sherwood Compact mugho pine	3	4'/3'	sun	medium	n/a	rich green foliage, dense, compact habit
P. m. 'Slowmound'	Slowmound mugho pine	3	3'/3'	sun	midium	n/a	low, globe-shaped form, dark green foliage, cold weather brings white, resinous coating to terminal buds creating an interesting effect.
P. m. 'White Bud'	White Bud mugho pine	4	4'/3'	sun/filtered shade	low	n/a	low, mounding habit, dark green foliage, waxy winter buds

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Acer glabrum	Rocky Mt. maple	3	8'/12'	sun to shade	medium to moist	n/a	yellow/orange/red fall color, irregular, large shrub habit
Amelanchier alnifolia	Saskatoon serviceberry	3	8'/10'	sun to filtered shade	medium to moist	Spring	yellow/orange/red fall color, white flowers in spring, edible black fruits
A. a. 'Regent'	Regent serviceberry	3	6'/6'	sun to filtered shade	medium to moist	Spring	compact form, edible black fruits stoloniferous habit, yellow/orange fall color
Amorpha canescens	Leadplant	4	4'/3'	sun	low	Summer	attractive, purple flowers on 3"-4" spikes, open spreading habit
Amorpha nana	Dwarf leadplant	4	2'/2'	sun	low	Summer	rounded, compact habit, blooms 2-4 weeks earlier than A. canescens with purple flowers on spikes
Artemisia cana	Silver sage	3	3'/3'	sun	low	n/a	gray foliage plant, spreading habit
Artemisia fillifolia	Sand sage	4	3'/3'	sun	low	n/a	silvery foliage, good drainage is required
Artemisia frigida	Fringed sage	3	1.5'/1.5'	sun	low	n/a	silvery foliage, good drainage is required
Artemisia tridentata	Big sagebrush	4	3'/4'	sun	low	n/a	gray foliage, irregular habit, good drainage is required
Ceanothus fendleri	Fendler snowbush	4	4'/3'	sun to filtered shade	low	June-July	white flowers for about two weeks in Summer, thorny stems
Ceratoides lanata	Winterfat	4	2'/2'	sun	low	n/a	gray foliage, good drainage required
Cercocarpus intricatus	Little leaf mountain mahogany	4	4'/7'	sun	low	n/a	foliage long, narrow, evergreen, almost needle-like, good drainage required
Cercocarpus ledifolius	Curleaf mountain mahogany	3	6'/10'	sun	low	n/a	dense, narrow evergreen foliage, pale gray bark, good drainage required
Cercocarpus montanus	Mountain mahogany	4	4'/8'	sun	low	n/a	silvery white, feathery fruit, mahogany colored bark
Cornus sericea (C. stolonifera)	Red-Osier dogwood	3	10'/6'	sun to filtered shade	medium to moist	June	white flowers, fruit white to pale blue, red stems in winter
C. s. 'Bailey'	Bailey's red twig dogwood	3	6'/6'	sun to filtered shade	medium to moist	June	red fall foliage, bright red stems in winter
C. s. 'Kelsey'	Kelsey dwarf red twig dogwood	3	2'/2'	sun to filtered shade	medium to moist	June	low growing, compact form of red twig dogwood, may be planted in front of taller growing shrubs to hide lower, bare stems

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
C. s. 'Cardinal'	Cardinal red twig dogwood	3	8'/8'	sun to filtered shade	medium to moist	June	red fall foliage, coral-red stems in winter
C. s. 'Isanti'	Dwarf red twig dogwood	3	4'/4'	sun to filtered shade	medium to moist	June	compact form, small, white flowers in June, red fall color, red winter stems
C. s. 'Silver & Gold'	Silver & Gold yellow twig dogwood	3	6'/6'	sun to filtered shade	medium to moist	June	leaves medium green with lighter green edge, yellow winter stem color, provide afternoon filtered shade
Chrysothamnus nauseosus var. albicaulis	Tall blue rabbitbrush	3	5'/4'	sun	low	Fall	semi-evergreen, thin, silvery-blue leaves, yellow flower clusters in August & September, will re-seed
Chrysothamnus nauseosus var. graveolens	Tall green rabbitbrush	3	5'/4'	sun	low	Fall	bright green leaf color, yellow flower clusters in August & September
Chrysothamnus nauseosus var. nauseosus	Dwarf blue rabbitbrush	3	2'/3'	sun	low	Fall	compact form, blue-gray leaf color, yellow flower clusters in August & September
Fallugia paradoxa	Apache plume	4	6'/6'	sun	low	June-Sept	white, rose-like flowers produced all summer long in combination with silver, feathery fruits
Fendlera rupicola	Cliff fendler bush	4	4'/4'	sun	low	June	fragrant white flowers, well drained soil
Forestiera neo-mexicana	New Mexico privet	4	8'/10'	sun	low	Spring	small yellow flowers appear before leaves, dark blue fruit, yellow fall color, may be trained as multi-stem, small tree
F. n-m. 'Berry Girl'	Berry Girl New Mexico privet	4	8'/10'	sun	low	Spring	female clone, fruit loved by song birds, needs male clone for polination
F. n-m. 'Happy Boy'	Happy Boy New Mexico privet	4	8'/10'	sun	low	Spring	male clone, necessary for fruit production, if no fruit is desired plant only the male clone
Holodiscus dumosus	Rock spiraea	3	4'/4'	sun	low	July	sprays of white to pinkish flowers, reddish fall color
Jamesia americana	Waxflower	3	5'/5'	sun to filtered shade	low	June	fragrant white flowers, well drained soil
Lonicera involucrata	Twinberry honeysuckle	3	3'/3'	sun to filtered shade	medium to moist	Spring	yellow flowers followed by pairs of purple-black fruit nested in, showy, red-purple bracts, fruits loved by birds
Mahonia repens	Creeping grape holly	4	3'/1.5'	sun to shade	low to medium	Spring	clusters of bright yellow flowers followed by blue fruit, broadleaf evergreen
Paxistima myrsinites	Mountain lover	4	3'/2'	filtered shade	medium	July	evergreen foliage, red flowers
Philadelphus lewisii 'Cheyenne'	Cheyenne mockorange	3	5'/8'	sun to filtered shade	low to medium	June	fragrant white flowers with scent of orange-blossoms
Philadelphus microphyllus	Littleleaf mockorange	3	3'/4'	sun to filtered shade	low to medium	June	small, star-shaped, fragrant, white flowers, fine textured foliage
Physocarpus monogynus	Rocky Mountain ninebark	3	4'/4'	sun to filtered shade	low to medium	June	flower clusters white with rosy tint, orange/red fall color
Potentilla fruticosa 'Abbottswood'	Abbottswood potentilla	3	3'/3'	sun	low to medium	Summer	blue-green foliage, large, white flowers
P. f. 'Coronation Triumph'	Coronation Triumph potentilla	3	3'/3'	sun	low to medium	Summer	rich yellow flowers
P. f. 'Fargo'	Dakota Sunspot potentilla	3	3'/3'	sun	low to medium	Summer	golden yellow flowers, deep green foliage, low spreading habit

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
P. f. var. purdomnii 'Forever Gold'	Forever Gold potentilla	3	3'3'	sun	low to medium	Summer	dense, erect habit, leaves light green with gray-green below, pale yellow flowers, very long, heavy bloom period
P. f. 'Gold Finger'	Gold Finger potentilla	3	4'4'	sun	low to medium	Summer	best tall, upright growing, large, yellow flowered potentilla to date
P. f. 'Katherine Dykes'	Katherine Dykes potentilla	3	3'3'	sun	low to medium	Summer	primrose yellow flowers, gray-green foliage, heavy Spring bloom with moderate blooming throughout the summer
P. f. 'McKay's White'	McKay's White potentilla	3	3'3'	sun	low to medium	Summer	white flowers
P. f. 'Pink Beauty'	Pink Beauty potentilla	3	3'3'	sun to filtered shade	low to medium	Summer	soft pink flowers with yellow centers, bright green foliage
P. f. var. davurica 'Prairie Snow'	Prairie Snow potentilla	3	4'2'	sun	low to medium	Summer	white flowers, one of the best white flowered cultivars
P. f. 'Snowbird'	Snowbird potentilla	4	3'3'	sun	low to medium	Summer	compact habit, glossy-green foliage, white flowers
P. f. 'Sutter's Gold'	Sutter's Gold potentilla	4	3'2'	sun	low to medium	Summer	compact, dwarf form with pale yellow flowers
P. f. 'Yellow Gem'	Yellow Gem potentilla	4	3'2'	sun	low to medium	Summer	low, spreading habit, buttercup-yellow flowers
Prunus americana	American plum	3	8'8'	sun	low to medium	Spring	fragrant, 1" white flowers before leaves emerge, suckering habit
Prunus besseyi 'Pawnee Buttes'	Pawnee Buttes sand cherry	4	3'3'	sun	low	June	white flower clusters, purple fruit, red/orange fall color
Prunus virginiana	Yellow fruited chokecherry	3		sun	low to medium	Spring	edible, yellow fruit, green foliage, from Cheyenne Research Station planting
Purshia tridentata	Antelope bitterbrush	4	3'3'	sun	low	July	small, yellow flowers
Quercus gambelli	Gambell's oak	4	12'12'	sun	low to medium	n/a	glossy green leaves, yellow to occasional orange/red foliage tints in Fall
Rhamnus smithii	Smith's buckthorn	4	10'10'	sun	low	n/a	golssy green foliage, black fruits relished by birds
Rhus glabra var. cismontana	Rocky Mt. sumac	3	6'8'	sun	low	n/a	open, rounded shrub suckering into large colonies, red fall fruit and yellow/orange/red fall color
Rhus trilobata	Three leaf sumac	4	6'6'	sun	low	n/a	red fruit eaten by birds, yellow/orange/red fall color
R. t. 'Autumn Amber'	Autumn Amber three leaf sumac	4	8'1.5'	sun	low	n/a	2014 Plant Select introduction
R. t. 'Gro Low'	Gro Low three leaf sumac	4	8'2'	sun	low	n/a	dense, low growing, rambling shrub that spreads by root suckers
Ribes aureum	Golden currant	4	4'5'	sun	low to medium	Spring	very fragrant, clove-scented flowers, black, edible fruit, orange/red fall color
R. a. 'Gwen's Buffalo'	Gwen's Buffalo golden current	3	5'5'	sun	low to medium	Spring	improved hardiness, very fragrant, clove-scented flowers, large, black, edible fruit, orange/red fall color
Ribes cereum	Wax currant	3	4'4'	sun to filtered shade	low to medium	Spring	tublar, pink flowers attract hummingbirds, red/orange fall fruit eaten by chipmunks, ground squirrels and bears
Ribes inerme	Whitestem gooseberry	3		sun to filtered shade	medium	Spring	white, tublar flowers, prickly stems are light gray color
Ribes odoratum 'Crandall'	Crandall clove currant	4	5'5'	sun	low to medium	Spring	yellow, clove scented flowers, heavy, edible fruit production
Rosa woodsii	Woods rose	3	5'4'	sun	low to medium	Spring	vigorous, suckering habit, single rose color flowers in Spring only, followed by small, red fruit, yellow/orange/red fall color
Rubus deliciosus	Boulder raspberry	3	4'5'	sun to filtered shade	low to medium	Spring	arching branches with showy, large, white flowers in June
Robinia neomexicana	New Mexico locust	4	8'10'	sun	low	June	clusters of rose-pink flowers, thorny, thicket forming

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Salix monticola</i>	Rocky Mt. streambank willow	4	8'/10'	sun	moist	n/a	yellow stems in winter, good bank stabilization plant, thicket forming habit
<i>Sambucus pubens</i>	Red fruited elderberry	3	6'/6'	sun to filtered shade	medium to moist	June	white flowers in umbels followed by red fruit
<i>Shepherdia argentea</i>	Silver buffaloberry	3	8'/10'	sun	low	n/a	silvery foliage, orange/red fruit attractive to birds, need both male and female trees for fruit production
<i>Symphoricarpos occidentalis</i>	Western snowberry	3	6'/10'	sun to filtered shade	low to medium	n/a	non-showy pink flowers followed by greenish/white fruit, forms extensive colonies
<i>Symphoricarpos oreophilus</i>	Rocky Mt. snowberry	4	5'/3'	sun to filtered shade	low to medium	Spring	low growing, trailing habit, small pink tubular flowers followed by white fruit in late summer
<i>Yucca glauca</i>	Soapweed yucca	4	2'/3'	sun	low	Spring	greenish-white flowers on a tall stalk, evergreen leaves radiating out from a central rosette

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Aronia melanocarpa</i>	Black chokeberry	4	4'/4'	sun to filtered shade	medium to moist	Spring	Suckering habit, white flowers followed by purple fruit suitable for jams/jelly or leave for the birds
<i>Aronia x prunifolia</i>	Purple chokeberry	4	6'/8'	sun to filtered shade	medium to moist	Spring	white flowers followed by showy, edible, purple fruit, wine red fall color
<i>Aronia x prunifolia</i> 'Autumn Magic'	Autumn Magic chokeberry	4	3'/8'	sun to filtered shade	medium to moist	Spring	white flowers followed by showy, edible, purple fruit, wine red fall color
<i>A. x prunifolia</i> 'McKenzie'	McKenzie chokeberry	4	4'/6'	sun to filtered shade	medium to moist	Spring	white flowers followed by showy, edible, purple fruit, wine red fall color
<i>A. x prunifolia</i> 'Morton'	Iriquois Beauty chokeberry	4	4'/4'	sun	medium to moist	Spring	white flowers followed by showy, edible, purple fruit, wine red fall color
<i>A. x. prunifolia</i> 'Viking'	Viking chokeberry	4	5'/5'	sun	medium to moist	Spring	white flowers followed by showy, edible purple fruit, orange/red/burgundy fall color
<i>Berberis thunbergii</i> var. <i>atropurpurea</i>	Red leaved Japanese barberry	4	4'/4'	sun	medium to moist	Spring	yellow flowers, red/purple foliage, red fruit
<i>Berberis thunbergii</i> 'Concorde'	Concorde dwarf barberry		3'/1.5'	sun	low to medium	Spring	yellow flowers, deep maroon, velvety foliage, compact habit
<i>B. t.</i> 'Crimson Pygmy'	Crimson Pygmy barberry	4	2.5'/1.5'	sun	low to medium	Spring	reddish to purplish leaves, yellow flowers, bright red berries
<i>B. t.</i> 'Rosy Glow'	Rosy Glow barberry	4	4'/4'	sun	low to medium	Spring	new shoots emerge as rose pink mottled with bronzy to purplish-red splotches, yellow flowers
<i>B. t.</i> 'Ruby Carousel'	Ruby Carousel barberry	4	3'/3'	sun	low to medium	Spring	reddish to purplish leaves, yellow flowers, bright red berries
<i>Berberis x 'Tara'</i>	Emerald Carousel barberry	4	4'/4'	sun	low to medium	Spring	orange to red fall color comes early and holds to leaf drop
<i>Caragana arborescens</i> 'Sutherland'	Sutherland Siberian peashrub	4	6'/15'	sun	low to medium	Spring	yellow flowers in June
<i>Caragana microphylla</i> 'Tidy'	Tidy Siberian peashrub	4	5'/8'	sun	low to medium	Spring	yellow flowers in June
<i>Cornus alba</i> 'Argenteo Marginata', aka <i>C. a.</i> 'Elegantissima'	Variiegated tatarian dogwood	4	6'/6'	sun to filtered shade	medium to moist	Spring	gray-green leaves edged with white, white fruit tinged with blue-white, attractive to birds

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE DECIDUOUS SHRUBS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
C. a. 'Bailhalo', aka C. a. 'Ivory Halo'	Ivory Halo tatarian dogwood	4	4'4'	sun to filtered shade	medium to moist	Spring	variegated, white-edged leaves, blue-white fruit is attractive to birds, afternoon shade
C. a. 'Bud's Yellow'	Bud's Yellow yellow-twig dogwood	3	6'5'	sun to filtered shade	medium to moist	Spring	bright yellow stems in winter
C. a. 'Gouchaultii'	Mottled red-twig dogwood	3	4'4'	sun to filtered shade	medium to moist	Spring	foliage variegated with leaf edge being yellow/pink, red winter stems
Cornus mas	Cornelian cherry dogwood	4	15'15'	sun	medium to moist	May	yellow flowers, edible red fruit, may be trained to tree form
Cotoneaster divaricatus	Spreading cotoneaster	4	6'5'	sun	medium	Spring	flowers white with pink tinge, glossy green leaves, red fruit and fall color
Cotoneaster ignavus	Sezchuan Fire cotoneaster	3	4'5'	sun	medium	Spring	flowers insignificant, red fruit, leaves heavily pubescent giving them a blue cast, very hardy species
Cotoneaster lucidus	Hedge cotoneaster	3	4'5'	sun	medium	Spring	dark green foliage turns orange/red in fall, pink flowers produce red fruit that turns to black in fall, birds love fruit
Cotoneaster racemiflora var. soongorica	Sungari rockspray cotoneaster	3	6'6'	sun	low to medium	Spring	hanging clusters of white flowers, prolific red fruit production, suitable as a hedge plant
Daphne x burkwoodii 'Carol Mackie'	Carol Mackie daphne	4	3'3'	filtered shade	medium to moist	Spring	fragrant, pink flowers, red fruit, variegated green/white foliage
Diervilla lonicera	Dwarf bush honeysuckle	4	3'3'	sun to filtered shade	medium	Summer	tubular, yellow flowers, suckering habit
Diervilla lonicera 'Copper'	Copper bush honeysuckle	4	3'3'	sun to filtered shade	medium	Summer	copper-red new growth, yellow flowers, attractive fall color
Euonymus alatus var. compactus	Burning bush	4	6'8'	sun to filtered shade	medium	n/a	orange/red fruit, red fall color
Forsythia x intermedia 'Northern Sun'	Northern Sun forsythia	4	4'5'	sun	medium	Spring	yellow flowers appear before foliage, upright, arching habit
Hydrangea arborescens 'Annabelle'	Annabelle hydrangea	4	4'4'	shade only	medium to moist	June	large white flowers, soil must be evenly moist, mulch is required
Lonicera x 'Honeyrose'	Honeyrose bush honeysuckle	4	8'8'	sun	medium	June	deep rosy-pink flowers, deep blue-green foliage, resistant to honeysuckle witches broom aphid
Lonicera korolkowii 'Cheyenne Pink Velvet'	Cheyenne Pink Velvet bush honeysuckle	3	8'8'	sun	low to medium	June	heavy bloom of medium pink flowers, resistant to witches broom aphid
Lonicera korolkowii 'Blue Velvet'	Blue Velvet bush honeysuckle	3	8'8'	sun	low to medium	June	heavy bloom of medium pink flowers, resistant to witches broom aphid
Lonicera tatarica 'Arnold Red'	Arnold Red bush honeysuckle	3	6'8'	sun	low to medium	June	fragrant, deep rose flowers, red fruit, resistant to witches broom aphid
Perovskia atriplicifolia	Russian sage	4	4'4'	sun	low to medium	July to frost	lavender-blue flowers, gray-green foliage, prune back to 12" in early Spring
P. a. 'Crazy Blue'	Crazy Blue Russian sage	4	1.5'1'	sun	low to medium	July to frost	lavender-blue flowers, gray-green foliage, prune back to 12" in early Spring
P. a. 'Blue Spires'	Blue Spires Russian sage	4	4'4'	sun	low to medium	July to frost	dark blue flowers, gray-green foliage, prune back to 12" in early Spring
P. a. 'Denim 'N Lace'	Denim 'N Lace' Russian sage	4	3'3'	sun	low to medium	July to frost	blue-purple flowers, green foliage, prune back to 12" in early Spring
P. a. 'Lacey Blue'	Lacey Blue Russian sage	4	2'2'	sun	low to medium	July to frost	dark blue flowers, gray-green foliage, prune back to 12" in early Spring
Philadelphus x 'Miniature Snowflake'	Miniature Snowflake mockorange	4	2'3'	sun	medium	June	double white, fragrant flowers with orange-blossom scent
Philadelphus x 'Snowbelle'	Snowbelle mockorange	4	4'4'	sun to filtered shade	medium	June	fragrant, white flowers with orange-blossom scent
Physocarpus opulifolius 'Center Glow'	Center Glow ninebark	4	5'5'	sun to filtered shade	medium	June	white flowers, burgundy foliage with yellow center
P. o. 'Dart's Gold'	Dart's Gold ninebark	4	4'4'	sun to filtered shade	medium	June	white flowers, golden yellow new foliage that fades to lime-green in summer
Prunus x cistina	Purple leaf sand cherry	3	5'6'	sun	medium	May	pinkish white flowers, purple foliage, sparse fruit production
Prunus tenella 'Fire Hill'	Fire Hill Russian almond	3	5'5'	sun to filtered shade	medium	May	rose-pink flowers, suckering habit

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Prunus triloba	Double flowering plum	4	4'/4'	sun	medium	June	double pink flowers in early Spring, yellow/bronze fall color
Prunus tomentosa	Nanking cherry	4	6'/8'	sun	low to medium	June	pinkish white flowers, red fruit attracts birds
Rhamnus frangula 'Asplenifolia'	Fernleaf buckthorn	4	6'/6'	sun to filtered shade	moist	n/a	grown for its fine foliage texture effect
Ribes alpinum	Alpine currant	3	4'/4'	sun to filtered shade	low to medium	n/a	dark green leaves, good low hedge plant
R. a. 'Green Jeans'	Green Jeans alpine currant	3	4'/4'	sun to filtered shade	low to medium	n/a	dark green leaves, good low hedge plant
R. a. 'Green Mound'	Green Mound alpine currant	3	3'/4'	sun to filtered shade	low to medium	n/a	dark green leaves, very hardy, good low hedge plant
Rosa foetida var. bi-color	Austrian copper rose	3	6'/5'	sun	low to medium	June	bright orange, single flowers in Spring
Rosa glabra; aka Rosa rubrifolia	Red leaf rose	4	5'/6'	sun	low to medium	June	flowers single, rose pink, fruit orange, foliage color bluish/purplish/green
Rosa 'Harrison's Yellow'	Harrison's Yellow rose	4	6'/5'	sun to filtered shade	low to medium	June	once blooming, bright yellow flowers, suckering habit
Rosa x 'Adelaide Hoodless'	Adelaide Hoodless Canadian Parkland series rose	3	5'/5'	sun	medium	June - Sept	red flowers, disease resistant, repeat bloom, very hardy
Rosa x 'Alexander Mackenzie'	Alexander Mackenzie Canadian Explorer series rose	3	4'/4'	sun	medium	June - Sept	fragrant, medium-red flowers, good disease resistance, add supplemental iron to soil
R. x 'Cuthbert Grant'	Cuthbert Grant Parkland series Canadian rose	3	4'/3'	sun	medium	June-Sept	red flowers, disease resistant, repeat bloom, very hardy
R. x 'Darlow's Enigma'	Darlow's Enigma shrub rose	4	5'/6'	sun	medium	June-Sept	white flowers with yellow centers produced all season, red fruit
R. x 'David Thompson'	David Thompson Canadian Explorer series rose	3	4'/3'	sun	medium	June-Sept	large, fragrant, rose-red flowers, very few thorns, add supplemental iron to soil
R. x 'George Vancouver'	George Vancouver Canadian Explorer series rose	3	3'/3'	sun	medium	June-Sept	deep rose-red buds open to bright pink flowers, good disease resistance, add supplemental iron to soil
R. x 'Henry Kelsey'	Henry Kelsey Canadian Explorer series rose	3	5'/6'	sun	medium	June-Sept	deep-red single flowers with yellow centers, good disease resistance, add supplemental iron to soil
R. x 'Henry Hudson'	Henry Hudson Canadian Explorer series rose	3	3'/2'	sun	medium	June-Sept	low growing habit, pinkish-white buds open to double, sparkling white flowers, fragrant, good groundcover rose, add supplemental iron to soil
R. x 'Hope for Humanity'	Hope for Humanity Canadian Parkland series rose	3	3'/4'	sun	medium	June-Sept	Intense, dark red, double flowers, low growing form
R. x 'Jens Munk'	Jens Munk Canadian Explorer series rose	3	4'/4'	sun	medium	June-Sept	very fragrant flowers, semi-double, medium pink, bright red hips in fall, add iron supplement to soil
R. x 'John Cabot'	John Cabot Canadian Explorer series rose	3	5'/5'	sun	medium	June-Sept	strong, arching stems, clusters of pinkish-red flowers, moderate fragrance, add iron supplement to soil
R. x 'John Davis'	John Davis Canadian Explorer series rose	3	4'/6'	sun	medium	June-Sept	strongly arching habit, bright pink flowers in clusters, add iron supplement to soil
R. x 'J. P. Connell'	J. P. Connell Canadian Explorer series rose	3	3'/3'	sun	medium	June-Sept	yellow buds open to creamy-white flowers, fragrant, flower production increases with age of plant, add iron supplement to soil
R. x 'Louis Jolliet'	Louis Jolliet Canadian Explorer series rose	3	4'/5'	sun	medium	June-Sept	fully double, medium pink flowers produced in clusters, a continuous bloomer, trailing habit so may be trained on pillar or fence



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R. x 'Morden Belle'	Morden Belle Canadian Parkland series rose	3	3'/3'	sun	medium	June-Sept	prolific, double pink flowers, dark, glossy-green foliage
R. x 'Morden Blush'	Morden Blush Canadian Parkland series rose	3	3'/3'	sun	medium	June-Sept	fully double, ivory flowers open with a blush center which gradually fades to a soft ivory, up to five flowers per cluster
R. x 'Morden Centennial'	Morden Centennial Canadian Parkland series rose	3	2'/2'	sun	medium	June-Sept	large, double, medium pink flowers in clusters of up to 15, red rose hips in fall persist through winter
R. x 'Morden Fireglow'	Morden Fireglow Canadian Parkland series rose	3	3'/3'	sun	medium	June-Sept	orange-red flowers on the inside and flaming scarlet on the undersides, upright, bushy habit resembles a hybrid tea rose
R. x 'Morden Ruby'	Morden Ruby Canadian Parkland series rose	3	3'/3'	sun	medium	June-Sept	dark, ruby-red flowers fleckled with splashes of a deeper red
R. x 'Morden Snow Beauty'	Morden Snow Beauty Canadian Parkland series rose	3	3'/2.5'	sun	medium	June-Sept	clusters of semi-double white flowers, dark green foliage
R. x 'Morden Sunrise'	Morden Sunrise Canadian Parkland series rose	3	4'/4'	sun	medium	June-Sept	yellow flowers with a hint of pink
R. x 'Nearly Wild'	Nearly Wild shrub rose	4	4'/2'	sun	medium	June-Sept	fragrant, pink flowers with white eye, broad spreading growth habit, a vigorous grower
R. x 'Nicolas'	Nicolas Canadian Explorer series rose	3	2'/2'	sun	medium	June-Sept	compact habit, clusters of medium-red flowers, repeat bloomer, add supplemental iron to soil
R. x 'Prairie Celebration'	Prairie Celebration Canadian Parkland rose series	3	4'/2'	sun	medium	June-Sept	single flowers, vibrant, dark pink/red, new foliage tinged purple
R. x 'Prairie Joy'	Prairie Joy Canadian Parkland series rose	3	4'/4.5'	sun	medium	June-Sept	medium pink, double flowers in clusters, dense shrub habit and arching form, can be trained as a hedge rose
R. x 'Royal Edward'	Royal Edward Canadian Explorer series rose	3	1.5'/1.5'	sun	medium	June-Sept	groundcover rose, clusters of double, deep pink flowers fade to medium pink, add supplemental iron to soil
R. x 'William Baffin'	William Baffin Canadian Explorer series rose	3	6'/8'	sun	medium	June-Sept	vibrant, semi-double, deep pink flowers with showy golden stamens in huge clusters, can be used as a climbing rose, add iron supplement to soil
R. x 'Winnipeg Parks'	Winnipeg Parks Canadian Parkland series rose	3	2'/2'	sun	medium	June-Sept	large, cherry-red, double flowers, fade to dark pinkish-red with dark pink on the undersides
Salix purpurea 'Nana'	Dwarf arctic willow	4	4'/4'	sun	moist	n/a	bluish-green leaves, purple stems, moist swales, storm water retention areas
Salix p. 'Canyon Blue'	Canyon Blue dwarf arctic willow	4	3'/4'	sun to filtered shade	moist	n/a	bluish-green leaves, purple stems, dwarf, rounded, compact form, makes low hedge
Sorbaria sorbifolia	False spirea	3	8'/4'	sun to filtered shade	medium	July	Fast grower, spreading habit, may be periodically sheared to the ground to control rate of growth/spreading, very showy, white flowers, bronze fall color
S. s. 'Sem'	Sem false spirea	3	8'/4'	sun to filtered shade	medium	July	new spring foliage growth in tints of orange, red, yellow, turning green in summer, large, showy white flowers
Spiraea japonica 'Froebelii'	Froebelii japanese spirea	4	4'/3'	sun	medium	July	carmine-red flowers, foliage emerges brownish-red in Spring, turns blue-green in summer, and burgundy to wine-red in Fall

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<i>Spiraea japonica</i> 'Magic Carpet'	Magic Carpet spiraea	3	2'/2'	sun	medium	July-Sept	compact, spreading shrub with terminal clusters of bright pink flowers, new growth reddish becoming golden in full sun
<i>Spiraea nipponica</i> var. <i>tosaensis</i>	Cheyenne snowmound spiraea	4	5'/5'	sun	medium to moist	July	arching branches, pure-white flowers, medium to moist, well drained soils
<i>Spiraea triloba</i> 'Fairy Queen'	Fairy Queen spiraea	4	3'/3'	sun to filtered shade	medium to moist	Late June - July	compact, rounded habit, blue-green foliage, white flowers attracts butterflies
<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer spiraea	4	3'/2'	sun	medium	July	flat topped heads of rosy pink flowers in Summer
<i>Spiraea x bumalda</i> 'Denistar'	First Editions Superstar spiraea	4	2'/2'	sun	medium	July	Spring leaves emerge scarlet red then turn green in Summer, pink blooms, copper fall color
<i>Spiraea x vanhouttei</i> 'Renaissance'	Renaissance spiraea	4	6'/6'	sun to filtered shade	medium	July	medium size, vase shape shrub, with ascending branches, clusters of white flowers, blue-green foliage
<i>Symphoricarpos x doorenbosii</i> 'Kordes'	Amethyst pink snowberry	4	3'/3'	sun to filtered shade	medium	July	abundantly produced, neon-pink fruit in late summer
<i>Syringa</i> 'Bailbelle'	Tinkerbelle lilac	4	5'/4'	sun	medium	Spring	wine-red flower buds, pink flowers, mildew resistant foliage
<i>Syringa chinensis</i> x ' <i>Saugeana</i> '	Saugeana Chinese lilac	4	8'/8'	sun	medium	Spring	fragrant, purple-red flowers, broad spreading, round-topped form
<i>Syringa</i> x 'Bloomerang'	Bloomerang repeat flowering lilac	4	5'/5'	sun	medium	June-Sept.	reblooming, purple flowers, shear lightly after first bloom and apply water soluble, low nitrogen fertilizer
<i>Syringa x hyacinthiflora</i> 'Assessippi'	Assissippi Canadian lilac	4	6'/8'	sun	medium	Spring	extremely fragrant, lilac-purple flowers, good disease resistance
<i>S. x h.</i> 'Mount Baker'	Mount Baker Canadian lilac	4	8'/8'	sun	medium	Spring	fragrant, white flowers
<i>S. x h.</i> 'Pocohontas'	Pocohontas Canadian lilac	4	8'/8'	sun	medium	Spring	profuse, fragrant, single, deep-purple flowers
<i>Syringa meyeri</i> 'Palabin'	dwarf Korean lilac	4	5'/5'	sun	medium	Spring	dwarf, spreading form, reddish-purple flower buds open to pale lilac flowers
<i>Syringa microphylla</i> 'Cheyenne'	Cheyenne littleleaf lilac		8'/8'	sun	medium	Spring	dark pink, fragrant flowers, dense, broad, wide spreading form
<i>Syringa patula</i> 'Miss Kim'	Miss Kim lilac	4	5'/5'	sun	medium	Spring	fragrant, lavender flowers
<i>S. x p.</i> 'Isabella'	Isabella Canadian lilac	4	8'/8'	sun	medium	Spring	single, pink-lavender flowers
<i>S. x p.</i> 'James Macfarlane'	James Macfarlane Canadian lilac	4	8'/8'	sun	medium	Spring	fragrant, clear pink flowers
<i>S. x p.</i> 'Minuet'	Minuet Canadian lilac	4	4'/6'	sun	medium	Spring	light purple flower buds open to soft, white-pink blooms, very hardy, minimal suckering
<i>S. x p.</i> 'Miss Canada'	Miss Canada Canadian lilac	4	8'/8'	sun	medium	Spring	rose-pink buds open to fragrant pink flowers
<i>S. x p.</i> 'Nocturne'	Nocturne Canadian lilac	4	8'/8'	sun	medium	Spring	lavender blue flowers
<i>Syringa vulgaris</i> 'Adelaide Dunbar'	Adelaide Dunbar lilac	4	8'/8'	sun	medium	Spring	sweetly fragrant, double purple flowers, mildew resistant
<i>S. v.</i> 'Beauty of Moscow'	Beauty of Moscow lilac	4	8'/8'	sun	medium	Spring	pale lavender buds open to double white, star shaped flowers
<i>S. v.</i> 'Charles Joly'	Charles Joly lilac	4	8'/8'	sun	medium	Spring	double, reddish-purple flowers, suckering habit
<i>S. v.</i> 'Ludwig Spaeth'	Ludwig Spaeth lilac	4	6'/8'	sun	medium	Spring	dark purple-red flowers
<i>S. v.</i> 'Mme. Lemoine'	Mme. Lemoine lilac	4	8'/8'	sun	medium	Spring	double, pure white flowers, very fragrant
<i>S. v.</i> 'Monge'	Monge lilac	4	7'/8'	sun	medium	Spring	fragrant, deep reddish-purple blooms
<i>S. v.</i> 'Montaigne'	Montaigne lilac	4	8'/8'	sun	medium	Spring	double, pale lavender-pink blooms, suckering habit
<i>S. v.</i> 'President Grevy'	President Grevy lilac	4	8'/8'	sun	medium	Spring	violet flower buds open to powder blue blooms, suckering habit
<i>S. v.</i> 'Sensation'	Sensation lilac	4	6'/8'	sun	medium	Spring	flowers single, purple with a white edge
<i>S. v.</i> 'Wedgewood Blue'	Wedgewood Blue lilac	4	4'/6'	sun	medium	Spring	pink flower buds open to lavender-blue blooms, fragrant
<i>Viburnum burejaeticum</i> 'Mini Man'	Mini Man dwarf Manchurian viburnum	4	4'/4'	sun	medium	Spring	white flowers, red to blue-black fruit, good fall color, a Plant Select selection

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Viburnum dentatum 'Christom'	Blue Muffin arrowwood viburnum	4	5'/5'	sun to filtered shade	medium	June	white flowers, intense pea-size blue fruit, orange to burgundy fall color, having another cultivar of V. dentatum near-by will enhance fruit production.
V. d. 'Chicago Lustre'	Chicago Lustre arrowwood viburnum	4	6'/6'	sun to filtered shade	medium	June	white flowers, blue-black fruit, needs cross pollination for good fruit production
Viburnum lentago	Nannyberry viburnum	4	8'/10'	sun to filtered shade	medium	June	flat topped cluster of white flowers, bluish black, edible berries in Fall, yellow/red/purple fall color
Viburnum trilobum 'Compactum'	Compact American cranberrybush	4	6'/6'	sun	medium	June	clusters of white flowers, red fruit, orange/red fall color
V. t. 'Wentworth'	Wentworth American cranberrybush	4	8'/8'	sun	medium	June	clusters of white flowers, red fruit, orange/red fall color
Yucca baccata 'Compacta'	Compact banana yucca	4	2'/2'	sun	low	June-July	clusters of white flowers on a tall stalk, thick leaves with filigreed white threads on the margins
Yucca filamentosa 'Bright Edge'	Bright Edge Adam's needle yucca	4	2'/3'	sun	low	June-July	white flowers on tall stalk, green leaves with bright, golden-yellow edges, south & west exposures only
Yucca f. 'Color Guard'	Color Guard Adam's needle yucca	4	2'/3'	sun	low	June-July	white flowers on tall stalk, green leaves with golden yellow center stripe, filamentous leaf edges, south & west exposures only
Yucca f. 'Hofer Blue'	Hofer Blue Adam's needle yucca	4	2'/3'	sun	low	June-July	white flowers on tall stalk, powder-blue leaves, south & west exposures only

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Achillea lanulosa</i>	Yarrow	2	3'/2'	sun	low	June-July	finely dissected, fern-like foliage, white, flat-topped flower clusters
<i>Allium cernuum</i>	Nodding onion	3	6"/12"	sun	low	July	nodding pink flowers from bulbs, attracts butterflies, well drained soils
<i>Anaphalis margaritacea</i>	Pearly everlasting	3	2'/2'	sun	medium to moist	July	silver foliage, white clusters of flowers suitable for drying
<i>Anemone multifida</i> var. <i>globosa</i>	Windflower	3	12"/12"	sun to filtered shade	medium to moist	July	reddish flowers, deeply cut, dark green foliage
<i>Aquilegia caerulea</i>	Rocky Mountain columbine	2	12"/18"	sun to filtered shade	low to medium	June	blue/white flowers, Colorado's state flower
<i>A. c.</i> 'Origami Mix'	Origami Mix columbine	3	12"/15"	sun to filtered shade	low to medium	June	white/rose/blue/yellow flower color mix
<i>Aquilegia chrysantha</i>	Yellow columbine	3	15"/30"	sun to filtered shade	low to medium	June-July	yellow flowers
<i>A. c.</i> 'Denver Gold'	Denver Gold yellow columbine	3	15"/30"	sun to filtered shade	low to medium	June-July	yellow flowers
<i>Artemisia frigida</i>	Fringed sage	3	18"/12"	sun	low	n/a	flowers small, greenish and insignificant, foliage silver and finely dissected
<i>Artemisia ludoviciana</i>	Prairie sage	3	30"/15"	sun	low	n/a	silver foliage, aggressive, spreading habit, well drained soil
<i>Aster alpinus</i> mix	Alpine aster	3	10"/12"	sun	low	June	flowers in mixed colors of blue/rose/white
<i>A. a.</i> 'Goliath'	Goliath alpine aster	3	12"/15"	sun	low	June	lavender/blue flowers
<i>A. a.</i> 'Happy End'	Happy End alpine aster	3	12"/12"	sun	low	June	rose-pink flowers
<i>Calylophus serrulatus</i> 'Prairie Lode'	Prairie Lode sundrops	4	12"/8"	sun	low	June-August	low growing, bright-yellow flowers
<i>Campanula rotundifolia</i> 'Olympica'	Olympica harebell	3	15"/12"	sun	low to medium	June-July	blue flowers
<i>C. r.</i> 'White Gem'	White Gem harebell	3	15"/12"	sun	low to medium	June-July	white flowers
<i>Clematis scottii</i>	Scott's sugarbowl	4	8"/15"	sun to filtered shade	medium	July	purple flowers, nodding
<i>Dalea purpurea</i>	Purple prairie clover	4	24"/18"	sun	low	July	cylindrical heads of purple flowers, fragrant, well drained soils
<i>Erigeron compositus</i>	Cutleaf fleabane daisy	3	18"/6"	sun	low	June	white flowers, finely dissected foliage
<i>Erigeron speciosus</i>	Aspen fleabane daisy	3	18"/12"	sun to filtered shade	low to medium	July	flowers lavender/blue with yellow centers, attracts butterflies
<i>Eriogonum jamesii</i>	Creamy sulphur flower	3	12"/12"	sun	low	July	pale yellow flowers
<i>Eriogonum umbellatum</i>	Sulphur flower	3	6"/12"	sun	low	June-July	mat of leathery green foliage with silver undersides, red foliage color in fall/winter, attracts butterflies, well-drained soils
<i>E. u.</i> 'Kannah Creek'	Kannah Creek sulphur flower	4	18"/12"	sun	low	June-July	Yellow flowers, mat of leathery green foliage, turns red in fall, attracts butterflies, well-drained soils

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Gaillardia aristata	Blanket flower	4	20"/20"	sun	low to medium	June-July	large orange/bronze flowers
G. a. 'Oranges and Lemons'	Oranges and Lemons blanket flower	4	15"/20"	sun	low to medium	June-July	large orange/yellow flowers
Geranium viscosissimum	Sticky geranium	3	18"/12"	sun to filtered shade	low to medium	June-July	clusters of rose/purple flowers, sticky stems, red foliage color in fall
Geum triflorum	Prairie smoke	3	6"/12"	sun to filtered shade	medium to moist	July	flowers deep pink, showy, feathery seed-heads, organic soils
Heliomeris multiflora	Showy goldeneye	3	24"/18"	sun	low	July-August	heavily branched, narrow leaf, prolific blooming sunflower, re-seeds, well-drained soils
Heuchera americana 'Marvelous Marble'	Marvelous Marble coralbells	3	12"/8"	sun	medium to moist	July	Spring foliage emerges in tones of purple, summer brings green leaves with red-purple veining, creamy white flowers
Ipomopsis aggregata	Scarlet gilia, fairy trumpets	4	6"/24"	sun	low	July-August	rosette of finely divided leaves, trumpet-shaped flowers in red, pink, white, biennial but re-seeds readily, well drained soil
Iris missouriensis	Iris	4	12"/18"	sun	medium to moist	June	blue flowers
Liatris punctata	Gayfeather, blazing star	4	12"/18"	sun	medium	July-August	stout spikes of fringed, rose-purple flowers, attract butterflies, well drained soil
Linum lewisii	Blue flax	3	12"/12"	sun to filtered shade	low to medium	July	saucer-shaped blue flowers, re-seeds easily, well drained soil
Lupinus argenteus	Silver lupine	3	15"/24"	sun	low	July	flower color varies from dark blue to nearly white, well drained soils
Monarda fistulosa	Bee balm, horse mint	4	15"/15"	sun	low to medium	July	pink to lavender flowers, fragrant foliage, needs good air circulation, well drained soil
Mirabilis multiflora	Desert four-o'clock	4	24"/12"	sun to filtered shade	low	July	pinkish-purple flowers, blue-green leaves, spreading, mounded habit, well drained soils
Oenothera berlandieri 'Siskiyou'	Siskiyou Mexican evening primrose	4	18"/8"	sun	low to medium	July-August	pale pink saucer shaped blooms, spreading habit, well drained soils
Oenothera caespitosa	White-tufted evening primrose	4	8"/12"	sun	low	July	white flowers with pink buds, dense rosette of dark gray/green leaves, fragrant flowers open later afternoon and fade the next morning, well drained soil
O. c. subspecies marginata	Matted evening primrose		4"/4"	sun	low	July-August	very large, white flowers fade to pink,
Oenothera coronopifolia	Cutleaf evening primrose	4	6"/6"	sun	low	July-August	large white flowers, finely cut leaves, spreads to form colony
Pulsatilla patens	Pasque flower	4	12"/8"	sun	low to medium	May	wooly foliage with cup-shaped, lavender flowers, followed by feathery seed heads, well drained soils
Penstemon barbatus	Scarlet bugler penstemon	4	18"/24"	sun	low	July	tall, slender stalks with foliage clustered at base, tubular, scarlet flowers favored by hummingbirds, well drained soils
Penstemon barbatus 'Coral Baby'	Coral Baby penstemon	4	12"/24"	sun	low	July-August	semi-evergreen basal foliage, profuse sprays of coral-pink, tubular flowers

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Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
P. b. 'Elfin Pink'	Elfin Pink penstemon	4	12"/15"	sun	low	June-July	small pink flowers on soft, leafy stems
P. b. 'Pinacolada Blue'	Pinacolada Blue penstemon	4	8"/12"	sun	low	July-August	flowers mid-blue
P. b. 'Pinacolada Light Rose'	Pinacolada Light Rose penstemon	4	8"/12"	sun	low	July-August	pinkish-rose flowers
P. b. 'Pinacolada Deep Rose'	Pinacolada Deep Rose penstemon	4	8"/12"	sun	low	July-August	deep-rose flowers
P. b. 'Pinacolada Violet'	Pinacolada Violet penstemon	4	8"/12"	sun	low	July-August	violet flowers
P. b. 'Prairie Dusk'	Prairie Dusk penstemon	4	12"/15"	sun	low	July-August	glossy green basal leaves, rose-purple flowers
P. b. 'Rubycunda'	Rubycunda penstemon	4	15"/20"	sun	low	July-August	large, tubular scarlet flowers with white throats
Penstemon caespitosus	Mat penstemon	4	6"/4"	sun	low	June-July	mat-forming with trailing stems, blue to violet flowers, well drained soils
Penstemon grandiflorus 'Prairie Jewel'	Prairie Jewel penstemon	4	8"/20"	sun	low	July-August	mixed flower colors of white, lavender, rose-pink and violet
Penstemon linarioides var. coloradoensis 'Silverton'	Silverton blue mat penstemon	4	12"/8"	sun	low	July-August	lavender-blue flowers
Penstemon mensarum	Grand Mesa penstemon	4	12"/20"	sun	low	July-August	cobalt blue flower spikes from a dense mat of evergreen leaves
Penstemon rostriflorus	Bridge's penstemon	3	24"/24"	sun	low	July-Sept.	scarlet, tubular flowers attract hummingbirds,
Penstemon secundiflorus	Sidebells penstemon	4	12"/18"	sun	low	July-August	waxy blue-green foliage, pink flowers emerge from one side of the stalk, rocky soils
Penstemon strictus	Rocky Mt. penstemon	4	24"/24"	sun	low	June-July	violet-blue flowers, will self-sow
Penstemon virens	Blue mist penstemon	3	12"/12"	sun	low	June-July	prolific clusters of small light blue to blue-violet flowers
Penstemon virgatus	Wand bloom penstemon	3	12"/24"	sun	low	July-August	pale blue to violet flowers, well drained soil
P. v. 'Blue Buckle'	Blue Buckle penstemon	3	18"/18"	sun	low	July-August	blue flowers, well drained soil
Penstemon whippleanus	Whipple's penstemon	2	12"/18"	sun to filtered shade	medium to moist	July-August	nodding, tubular, wine purple to white flowers, adaptable to more moist soils

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Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Ratibida columnifera forma columnifera	Yellow prairie coneflower	4	12"/15"	sun	medium	July-Sept.	yellow flowers surround prominent central cone, short lived but reseeds, well drained soil
Ratibida columnifera forma pulcherrima	Mexican hat coneflower	4	12"/15"	sun	medium	July-Sept.	mahogany red petals edged in yellow
Rudbeckia hirta	Black-eyed Susan	4	12"/24"	sun to filtered shade	medium	July-Sept.	daisy-like, yellow flowers with brown to black centers, short-lived perennial
Scutellaria resinosa 'Smoky Hills'	Smoky Hills skullcap	4	12"/10"	sun	low	July-August	purple blue/white flowers, well drained soils, water moderately until established, then reduce watering
Sisyrinchium montanum	Blue-eyed grass	4	10"/10"	sun	low to medium	June-August	clump forming grass-like member of the iris family with small blue flowers produced along the stems
Sphaeralcea coccinea	Scarlet globemallow, cowboy's delight	4	12"/12"	sun to filtered shade	low to medium	June	coral red to orange hollyhock-like flowers, well drained soils, spreads by rhizomes
Thelesperma filifolium	Navajo tea, greenthread	4	15"/20"	sun	low	July-Sept.	finely dissected leaves, daisy-like yellow flowers with red stamens, flowers over long period, short-lived perennial or re-seeding annual, well drained soils
Thermopsis divaricarpa	Golden banner	3	24"/24"	sun to filtered shade	low	June-July	clusters of bright yellow pea-like flowers, spreads vigorously from rhizomes, needs room, well drained soil
Tradescantia occidentalis	Spiderwort	4	15"/15"	sun to filtered shade	medium to moist	July-August	upright flower stalks above grass-like foliage, flowers purple/blue
Verbena bipinnatifida	Spreading vervain	4	12"/10"	sun	dry to medium	July-August	sprawling stems with deeply cut leaves, prolific bloomer, attracts butterflies, well drained soils
Viola adunca	Early blue violet	2	6"/5"	filtered shade	medium to moist	May-June	purple flowers
Viola labradorica	Labrador violet	3	4"/4"	filtered to full shade	medium to moist	May and Oct.	foliage dark purple in Spring and Fall, bronze-green in summer, purple flowers in May and September

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Achillea 'Anthea'	Anthea yarrow	3	18"/18"	sun	low to medium	July-August	fern-like, aromatic, silvery-gray foliage, long lasting, pale yellow flowers
Achillea 'Apricot Delight'	Apricot Delight yarrow	4	20"/15"	sun	low to medium	July-August	flowers soft apricot to rich rose-pink, bushy gray-green ferny foliage
Achillea 'Coronation Gold'	Coronation Gold yarrow	3	20"/24"	sun	low to medium	July-August	flat top clusters of deep golden yellow flowers, taller than A. Moonshine, combine with Russian sage or Blue Mist spiraea

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Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Achillea 'Moonshine'	Moonshine yarrow	3	18"/18"	sun	low to medium	July-August	silver foliage, lemon-yellow flowers
Achillea 'Pink Grapefruit'	Pink Grapefruit yarrow	4	18"/20"	sun	low to medium	July-August	compact, bushy habit, flowers begin dusty rose pink aging to soft creamy pink, good container plant, dead-head old flowers
Achillea 'Pomegranate'	Pomegranate yarrow	4	18"/20"	sun	low to medium	July-August	compact, bushy habit, flowers pomegranate red, long bloom period, good cut flower or used in containers
Achillea 'Saucy Seduction'	Saucy Seduction yarrow	4	20"/24"	sun	low to medium	July-August	flowers rich rose pink with a tiny white eye, green foliage, uniform blooming over a long period
Achillea 'Strawberry Seduction'	Strawberry Seduction yarrow	4	20"/24"	sun	low to medium	July-August	robust yet compact habit, flowers strawberry red with gold center
Achillea 'Sunny Seduction'	Sunny Seduction yarrow	4	20"/24"	sun	low to medium	July-August	soft, butter-yellow flowers over gray-green foliage
Achillea 'Tri-Color'	Tri-Color yarrow	3	18"/20"	sun	low to medium	July-August	blooms in combination of yellow, orange, and pinky-red colors, gray-green foliage
Achillea 'Walther Funcke'	Walther Funcke yarrow	3	18"/24"	sun	low to medium	July-August	brick-red flowers age to terracotta orange, then creamy yellow, silvery green foliage
Achillea 'Wonderful Wampee'	Wonderful Wampee yarrow	4	18"/14"	sun	low to medium	July-August	flowers begin rich pink then age to bicolor soft pink and blush, green foliage, good for containers
Achillea x lewisii 'King Edward'	King Edward yarrow	3	12"/8"	sun	low to medium	July-August	low growing, carpeting habit, olive green leaves, primrose yellow flowers, suitable for edging a sunny border
Achillea millefolium 'Apple Blossom'	Apple Blossom achillea	3	18"/24"	sun	low to medium	July-August	soft pink flowers, spreading habit, trim back hard after first flush of bloom to maintain a compact habit
A. m. 'Cassis'	Cassis achillea	3	18"/24"	sun	low to medium	July-August	red flowers, spreading habit, trim back hard after first flush of bloom to maintain compact habit
A. m. 'Cerise Queen'	Cerise Queen achillea	3	18"/24"	sun	low to medium	July-August	deep pink flowers, spreading habit, trim back hard after first flush of bloom to maintain compact habit
A. m. 'Colorado'	Colorado achillea color mix	3	18"/24"	sun	low to medium	July-August	flowers a mix of creamy yellow, deep pink, light pink, red, salmon, white
A. m. 'Desert Eve Terracotta'	Desert Eve Terracotta achillea	4	18"/18"	sun	low to medium	July-August	brown/orange flowers with yellow eye
A. m. 'Desert Eve Red'	Desert Eve Red achillea	4	18"/18"	sun	low to medium	July-August	red flowers
A. m. 'Desert Eve Light Yellow'	Desert Eve Light Yellow achillea	4	18"/18"	sun	low to medium	July-August	large, light yellow flower clusters that combine well with other perennials
A. m. 'Desert Eve Deep Rose'	Desert Eve Deep Rose achillea	4	18"/18"	sun	low to medium	July-August	deep red flowers



**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
A. m. 'Heidi'	Heidi achillea	3	18"/24"	sun	low to medium	July-August	Bright, cherry-pink flowers that fade to pale pink and creamy yellow
A. m. 'Inca Gold'	Inca Gold achillea	4	24"/24"	sun	low to medium	July-August	flowers ranging in color from rust to sandstone unfurl from terracotta buds,
A. m. 'Laura'	Laura achillea	4	18"/18"	sun	low to medium	July-August	ruby-red flowers with tiny white eye
A. m. 'Lavender Beauty'	Lavender Beauty achillea	3	20"/24"	sun	low to medium	July-August	mauve/lilac flowers
A. m. 'Little Susi'	Little Susi achillea	3	20"/18"	sun	low to medium	July-August	deep pink flowers with a lighter pink eye
A. m. 'Marmalade'	Marmalade achillea	3	24"/24"	sun	low to medium	July-August	gray-green foliage, flowers with paprika-toned buds, open to old-gold florets, plant with Nepta 'Walkers Low'
A. m. 'New Vintage White'	New Vintage White achillea	4	12"/14"	sun	low to medium	July-August	pure white flowers over compact, ferny green foliage
A. m. 'New Vintage Violet'	New Vintage Violet achillea	4	12"/14"	sun	low to medium	July-August	flowers violet with cream eye
A. m. 'New Vintage Rose'	New Vintage Rose achillea	4	12"/14"	sun	low to medium	July-August	rose-pink flowers
A. m. 'New Vintage Red'	New Vintage Red achillea	4	12"/14"	sun	low to medium	July-August	red flowers with creamy white eye
A. m. 'New Vintage Fireland'	New Vintage Fireland achillea	4	12"/14"	sun	low to medium	July-August	fire-engine red flowers age to peachy yellow
A. m. 'Paprika'	Paprika achillea	3	18"/24"	sun	low to medium	July-August	cherry-red, gold-centered flowers, fading to light pink and creamy yellow
A. m. 'Peggy Sue'	Peggy Sue achillea	3	18"/18"	sun	low to medium	July-August	apricot-orange flowers above gray-green foliage
A. m. 'Pretty Belinda'	Pretty Belinda achillea	4	18"/20"	sun	low to medium	July-August	flowers open rich-pink, fading to light pink, compact form
A. m. 'Red Beauty'	Red Beauty achillea	3	24"/24"	sun	low to medium	July-August	crimson-red flowers, spreading habit
A. m. 'Red Velvet'	Red Velvet achillea	4	24"/24"	sun	low to medium	July-August	deep rose-red flowers are fade resistant so hold their color
A. m. 'Salmon Beauty'	Salmon Beauty achillea	3	24"/30"	sun	low to medium	July-August	rich salmon-pink flowers fade to pale-pink and creamy yellow, spreading habit
A. m. 'Salmon Pastels'	Salmon Pastels achillea	3	18"/24"	sun	low to medium	July-August	mixed pastel flower colors ranging from white, cream, yellow, pink, salmon, mauve and red

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Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
A. m. 'Terracotta'	Terracotta achillea	3	24"/24"	sun	low to medium	July-August	multi-colored earth tone flowers that change as the flowers mature to coppery-orange and russet
A. m. 'Weser River Sandstone'	Weser River Sandstone achillea	3	24"/24"	sun	low to medium	July-August	creamy rose/deep antique pink flowers with white centers
Achillea ptarmica 'Ballerina'	Ballerina yarrow	3	18"/18"	sun	low to medium	July-August	button-like double white flowers, spreading habit
A. p. 'The Pearl'	The Pearl yarrow	3	24"/24"	sun	low to medium	July-August	pure white, double flowers, spreading habit
A. p. 'Nana Compacta'	Nana Compacta yarrow	3	18"/12"	sun	low to medium	July-August	small, compact form, semi-double white flowers
Achillea siberica 'Love Parade'	Love Parade Siberian yarrow	3	18"/18"	sun	low to medium	July-August	soft pink flowers, spreading habit
Ajuga reptans 'Atropurpurea'	Bronze-leaf bugleweed	3	12"/8"	part to full shade	medium	June	blue flowers above bronze-green foliage, ground cover plant for shade, dead head faded flowers
A. r. 'Black Scallop'	Black Scallop bugleweed	4	12"/8"	part to full shade	medium	June	dark, maroon purple leaves with scalloped edges, dark violet flowers
A. r. 'Burgundy Glow'	Burgundy Glow bugleweed	3	12"/8"	part to full shade	medium	June	tricolored pink/white/green foliage, blue flowers, dead head faded flowers
A. r. 'Catlin's Giant'	Catlin's Giant bugleweed	4	12"/8"	part to full shade	medium	June	bronze-green foliage, blue flowers on spikes up to 8" tall
A. r. 'Chocolate Chip'	Chocolate Chip bugleweed	4	2"/3"	part to full shade	medium	June	extremely dwarf habit, foliage chocolate with burgundy tones, bluish-purple flowers on 3" spikes, small area groundcover
A. r. 'Dixie Chip'	Dixie Chip bugleweed	4	12"/6"	part to full shade	medium	June	tri-colored foliage in varying shades of cream, green and rosy purple, blue flowers
A. r. 'Mahogany'	Mahogany bugleweed	4	18"/8"	part to full shade	medium	June	black/burgundy new leaves gradually turn deep mahogany, bright blue flowers
A. r. 'Pink Lightning'	Pink Lightning bugleweed	3	12"/6"	part to full shade	medium	June	leaves mint-green with creamy-white edge, deep pink flowers
A. r. 'Purple Brocade'	Purple Brocade bugleweed	4	24"/8"	part to full shade	medium	June	thick, purplish leaves with a brocaded texture, dark, purple-bluish flowers
A. r. 'Purple Torch'	Purple Torch bugleweed	3	24"/12"	part to full shade	medium	June	lavender-pink flowers, foliage turns bronze in winter
Aquilegia vulgaris 'Winky Blue & White'	Winky Blue & White columbine	3	15"/15"	sun to filtered shade	medium	June	flower petals blue with white edge
A. v. 'Winky Mix'	Winky Mix columbine	3	15"/15"	sun to filtered shade	medium	June	mix of flower colors in blue/white, purple/white, red/white and two tone rose
A. x hybrida 'Crimson Star'	Crimson Star columbine	3	12"/24"	sun to filtered shade	medium	June	flowers with crimson petals and white corollas
A. x hybrida 'McKana's Mix'	McKana's Mix columbine	3	18"/24"	sun to filtered shade	medium	June	brightly colored flower mix of reds, oranges, purples, blue, yellow
A. x hybrida 'Swan Mix'	Swan Mix columbine	4	12"/15"	sun to filtered shade	medium	June	mixed flower colors including shades of pink, red, blue, yellow and purple, if grown in sun keep evenly moist
A. x hybrida 'Swan Blue & White'	Swan Blue and White columbine	4	12"/15"	sun to filtered shade	medium	June	flowers with blue petals and white corollas
A. x hybrida 'Swan Burgundy & White'	Swan Burgundy and White columbine	4	12"/15"	sun to filtered shade	medium	June	flowers with burgundy petals and white corollas
A. x hybrida 'Swan Red & White'	Swan Red and White columbine	4	12"/15"	sun to filtered shade	medium	June	flowers with deep red petals and white corollas
A. x hybrida 'Swan Violet & White'	Swan Violet and White columbine	4	12"/15"	sun to filtered shade	medium	June	flowers with violet petals and white corollas with frilly yellow stamens
A. x hybrida 'White Star'	White Star columbine	4	12"/24"	sun to filtered shade	medium	June	pure white flowers with long spurs
Artemisia 'Powis Castle'	Powis Castle sage	4	24"/24"	sun	low to medium	n/a	ferny silvery foliage plant that rarely flowers, use with ornamental grasses and other perennials for contrast

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

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<i>Artemisia schmidtiana</i> 'Silver Mound'	Silver Mound sage	4	12"/10"	sun	low to medium	n/a	soft, feathery, silver foliage, mounded habit
<i>Aster cordifolius</i>	Wood aster	4	24"/24"	sun to filtered shade	medium	Aug.-Sept.	small bluish flowers with yellow centers
A. c. 'Avondale'	Avondale wood aster	4	24"/24"	sun to filtered shade	medium	Aug.-Sept.	small, light blue, daisy-like flowers with yellow centers
<i>Aster divaricatus</i> 'Eastern Star'	Eastern Star aster	4	18"/24"	filtered shade to shade	medium	Aug.-Sept.	small, daisy-like white flowers
<i>Aster laevis</i> 'Bluebird'	Blue Bird smooth aster	4	24"/30"	sun to filtered shade	medium	Aug.-Sept.	violet-blue flowers
<i>Aster novae-angliae</i> 'Alma Potschke'	Alma Potschke New England aster	4	24"/30"	sun	medium	Aug.-Sept.	warm, reddish-pink, daisy-like flowers with yellow centers
A. n-v. 'Purple Dome'	Purple Dome New England aster	4	18"/24"	sun	medium	Aug.-Sept.	compact, mounding habit, deep lavender-purple flowers, divide every third Spring to maintain a vigorous growing plant
A. n-v. 'Vibrant Dome'	Vibrant Dome New England aster	4	24"/18"	sun	medium	Aug.-Sept.	glowing raspberry-pink petals with yellow centers
<i>Aster novi-belgii</i> 'Alert'	Alert Michaelmas daisy	4	15"/12"	sun	medium	Aug.-Sept.	compact habit, deep purplish-red flowers, keep evenly moist
A. n-b. 'Audrey'	Audrey Michaelmas daisy	4	15"/12"	sun	medium	Aug.-Sept.	compact habit, single, lilac-blue flowers
A. n-b. 'Pink Bouquet'	Pink Bouquet Michaelmas daisy	4	15"/12"	sun	medium	Aug.-Sept.	bright rose-pink flowers with yellow centers, compact habit
A. n-b. 'Professor Anton Kippenburg'	Professor Anton Kippenburg Michaelmas daisy	4	15"/15"	sun	medium	Aug.-Sept.	semi-double, clear blue flowers
A. n-b. 'Snow Cushion'	Snow Cushion Michaelmas daisy	4	15"/12"	sun	medium	Aug.-Sept.	frothy white, single daisies on compact, mounded plants
<i>Aster dumosum</i> 'Wood's Light Blue'	Wood's Light Blue aster	4	15"/15"	sun	medium	Aug.-Sept.	densely packed clusters of clear light blue flowers on compact plants
<i>Aster tataricus</i> 'Jindai'	Tatarian aster	4	30"/36"	sun	medium	Sept.-Oct.	small but abundant deep lavender to blue flowers with yellow centers appearing in flat-topped clusters
<i>Aster tongolensis</i> 'Wartburg Star'	East Indies aster	4	18"/18"	sun	medium	Aug.-Sept.	neat, mounding habit, profuse violet-blue flowers
<i>Aurinia saxatilis</i> 'Gold Ball'	Gold Ball perennial alyssum	4	15"/6"	sun	low to medium	June	low bushy mound of gray-green leaves smothered in masses of bright golden flowers
<i>Berlandia lyrata</i> 'Mora County Mix'	Hardy chocolate flower	4	18"/15"	sun	low to medium	July-Aug.	chocolate scented (morning) yellow flowers with a maroon center
<i>Brunnera macrophylla</i>	Siberian bugloss, false forget-me-not	3	24"/18"	filtered shade to full shade	medium to moist	June-July	clusters of tiny blue flowers rise above attractive, heart-shaped foliage on wiry stems, needs even moisture

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
B. m. 'Jack Frost'	Jack Frost Siberian bugloss	3	15"/15"	filtered shade to full shade	medium to moist	June-July	clusters of tiny, blue flowers, leaves are white with green veins, needs even moisture
B. m. 'Looking Glass'	Looking Glass Siberian bugloss	3	15"/15"	filtered shade to full shade	medium to moist	June-July	leaves silver-gray with green veins, clusters of wedgewood-blue flowers, needs even moisture
Campanula glomerata 'Superba'	Superba clustered bellflower	3	30"/24"	sun to filtered shade	medium	June-July	violet-blue flowers in clusters at the ends of the stems, cut back hard after initial flowering to promote compact form and re-blooming
Campanula persicifolia	Peach-leaf bellflower	3	18"/24"	sun to filtered shade	medium	July-Aug	large, outward facing, blue, bell-shaped flowers
C. p. var. alba	White peach-leaf bellflower	3	18"/24"	sun to filtered shade	medium	July-Aug	large, outward facing, white, bell-shaped flowers
Campanula persisifolia 'Taikon Blue'	Taikon Blue bellflower	3	12"/18"	sun to filtered shade	medium	July-Aug	large, outward facing, blue-violet, bell-shaped flowers, compact habit
Centaurea montana 'Mountain Bluet'	Mountain Bluet bachelor button	4	30"/24"	sun	low to medium	July-Aug	cone flower blue, fringed flowers are a butterfly magnet, cut back hard after initial flowering to encourage a more compact form and late summer re-bloom
C. m. 'Amethyst in Snow'	Amethyst in Snow bachelor button	4	18"/24"	sun	low to medium	July-Aug	pure white flower petals radiate from contrasting blue-purple centers, cut back hard after initial flowering
Centranthus ruber var. coccineus	Red flowered Jupiter's beard, valerian	4	24"/24"	sun	low to medium	July-Sept.	clusters of tiny, deep red flowers over blue-green foliage, dead head to encourage continuous flowering
C. r. var. roseus	Pink flowered Jupiter's beard	4	24"/24"	sun	low to medium	July-Sept.	clusters of rosy-pink flowers over blue-green foliage, dead head to encourage continuous flowering
C. r. 'Albus'	White flowered Jupiter's beard	4	24"/24"	sun	low to medium	July-Sept.	clusters of tiny white flowers over blue-green foliage, dead head to encourage continuous flowering
Cerastium tomentosum	Snow in summer	3	20"/12"	sun	low	June-July	plants form a low, fast spreading mat of silvery-gray foliage covered in white star-shaped flowers, good ground cover for dry site
Clematis integrifolia 'Mongolian Bells'	Mongolian Bells herbaceous clematis	3	12"/10"	sun to filtered shade	low to medium	June-Sept	nodding, leathery, four-parted flowers in mixed colors of blue, pink, white, lavender, good drought tolerance
Coreopsis grandiflora 'Baby Sun'	Baby Sun coreopsis	4	12"/15"	sun	low to medium	July-Aug	golden yellow, single, daisy-like flowers on compact plants, well deained soil, dead head faded blooms to encourage flowering
C. g. 'Sunray'	Sunray coreopsis	4	20"/15"	sun	low to medium	July-Aug	showy, double, golden yellow flowers produced continuously through summer if faded flowers are dead headed, well drained soil
C. g. 'Early Sunrise'	Early Sunrise coreopsis	4	20"/15"	sun	low to medium	July-Aug	brilliant, golden-yellow, semi-double flowers, each flushed orange-yellow in the center, dead head, well drained soil
C. g. 'Sunfire'	Sunfire coreopsis	4	15"/15"	sun	low to medium	July-Aug	single, golden-yellow flowers with a burgundy eye, dead head to encourage longer bloom period, well drained soil
Coreopsis verticillata 'Moonbeam'	Moonbeam coreopsis	4	18"/18"	sun	low to medium	July-Aug	single, bright yellow flowers produced in profusion, fine needle-like foliage, well drained soil
Delphinium elatum 'Dasante Blue'	Dasante Blue delphinium	4	24"/26"	sun	medium to moist	July	compact, uniform habit, true blue flowers, dead head after initial flowering

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D. e. 'Guardian Blue'	Guardian Blue delphinium	4	24"/30"	sun	medium to moist	July	deep blue flowers, cut flower stalks to the base after initial flowering to encourage re-bloom
D. e. 'Guardian Lavender'	Guardian Lavender delphinium	4	24"/30"	sun	medium to moist	July	lavender flowers, cut flower stalks to the base after initial flowering to encourage re-bloom
Delphinium elatum 'Guardian White'	Guardian White delphinium	4	24"/30"	sun	medium to moist	July	pure white, semi-double flowers with green eye, cut flower stalks to the base after initial flowering to encourage re-bloom
D. e. 'Guardian Mix'	Guardian Mix delphinium	4	24"/30"	sun	medium to moist	July	a mix of blue, lavender, violet, and white flowers
D. e. Pacific Giants 'Blue Bird'	Blue Bird Pacific Giants delphinium	4	30"/48"	sun	medium to moist	July	clear blue flowers with a white eye, will require staking, maintain even moisture
D. e. 'Pacific Giants Summer Skies'	Summer Skies Pacific Giants delphinium	4	30"/48"	sun	medium to moist	July	clear, light-blue flowers with a white eye, will require staking, maintain even moisture
Delphinium grandiflorum 'Blue Butterfly'	Blue Butterfly delphinium	4	12"/14"	sun	medium to moist	July	deep blue flowers on compact plants
D. g. 'Summer Blues'	Summer Blues delphinium	3	12"/12"	sun	medium to moist	July	soft, sky-blue flowers on compact plants
D. g. 'Summer Nights'	Summer Nights delphinium	3	12"/12"	sun	medium to moist	July	single, sky blue to deep midnight blue flower on compact plants
Delphinium x 'Magic Fountain Blue'	Magic Fountain Blue delphinium	3	24"/30"	sun	medium to moist	July	large, semi-double, pastel blue flowers with a white eye
D. x 'Magic Fountain Dark Blue'	Magic Fountain Dark Blue delphinium	3	24"/30"	sun	medium to moist	July	large, semi-double, dark blue flowers with a white eye
D. x 'Magic Fountain Lavender'	Magic Fountain Lavender delphinium	3	24"/30"	sun	medium to moist	July	large, semi-double, lavender flowers with a white eye
D. x 'Magic Fountain White'	Magic Fountain White delphinium	3	24"/30"	sun	medium to moist	July	large, semi-double, white flowers with a dark eye
D. x. 'Magic Fountain Mix'	Magic Fountain Mix delphinium	3	24"/30"	sun	medium to moist	July	large, semi-double flowers in a range of blue, lavender, rose and red
Dianthus barbatus 'Double Midget Mix'	Double Midget Mix sweet william	4	10"/10"	sun	medium	June-July	large, fragrant flowers in open clusters ranging from white, red, rose, burgundy, bicolor white/red, rose/red, burgundy/white
D. b. 'Heart Attack'	Heart Attack sweet william	4	10"/10"	sun	medium	June-July	velvety-red, fragrant flowers
Dianthus deltooides 'Brillant'	Brillant maiden pinks	3	12"/8"	sun	medium	June-July	bright, cherry-red flowers
D. d. 'Flashing Light'	Flashing Light maiden pinks	3	12"/8"	sun	low to medium	June-July	bronzy foliage, bright, ruby-red flowers
Dianthus 'First Love'	First Love dianthus	3	12"/15"	sun	low to medium	June-Aug.	intensely fragrant flowers that change from white to deep-rose
Dianthus grantianopolitanus 'Firewitch'	Firewitch cheddar pinks	3	12"/12"	sun	low to medium	June-July	blue-gray foliage, fragrant, single, hot-pink flowers
D. g. 'Star Cushion'	Star Cushion cheddar pinks	3	8"/4"	sun	low to medium	June-July	small, stary, pink flowers with a strong clove fragrance over a low cushion of blue-gray leaves
D. g. 'Tiny Rubies'	Tiny Rubies cheddar pinks	3	18"/5"	sun	low to medium	June-July	double, deep-rose pink flowers with clove fragrance, deep green, evergreen foliage
Dianthus x 'Eastern Star'	Eastern Star pinks	4	6"/6"	sun	medium	June-July	velvety, red flowers with dark red centers, gray-green foliage

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D. x 'Fire Star'	Fire Star pinks	4	6"/8"	sun	medium	June-July	rich, firey-red, single flowers with crimson eyes and frilly petals
D. x 'Neon Star'	Neon Star pinks	4	6"/8"	sun	medium	June-July	vibrant, florescent pink flowers, blue-gray foliage, clove scent
D. x 'Pop Star'	Pop Star pinks	4	6"/6"	sun	medium	June-July	fragrant, soft pink flowers carried on sturdy stems
D. x 'Shooting Star'	Shooting Star pinks	4	6"/6"	sun	medium	June-July	overlapping petals of magenta purple with plum rings around the centers
D. x 'Spangled Star'	Spangled Star pinks	4	6"/6"	sun	medium	June-July	scarlet red flowers are dotted with pale pink and edged in white
D. x. 'Double Starlette'	Double Starlette pinks	4	6"/6"	sun	medium	June-July	fragrant, bright, colorful double blooms are patterned with cherry red and white stripes
Dicentrus spectabilis	Old fashioned bleeding heart	3	30"/36"	sun to filtered shade	medium	June-July	bushy, upright mound of somewhat ferny green foliage, with bright pink locket-shaped flowers dangling from the stems
D. s. 'Albus'	White flowered bleeding heart	3	30"/36"	sun to filtered shade	medium	June-July	same as the species but with white flowers
D. s. 'Golden Heart'	Golden bleeding heart	4	30"/36"	sun to filtered shade	medium	June-July	same as the species but with golden yellow foliage
D. s. 'Valentine'	Valentine bleeding heart	4	30"/30"	sun to filtered shade	medium	June-July	foliage emerges with purple tinge then becomes dark green setting off the deep bright red flowers with white tips
Dicentra formosa	Western bleeding heart	4	20"/12"	sun to filtered shade	medium	June-July	soft, blue-green ferny foliage, pink, heart-shaped flowers hang gracefully from long arching stems
D. f. 'Alba'	Western bleeding heart	4	20"/12"	sun to filtered shade	medium	June-July	white flowered form of the species
D. f. 'Luxuriant'	Luxuriant western bleeding heart	4	20"/12"	sun to filtered shade	medium	June-July	rosy-red flowered form of the species
Gaillardia x grandiflora' Arizona Apricot'	Arizona Apricot blanket flower	4	12"/12"	sun	low to medium	July-Aug	compact form, apricot/orange colored petals, dead head to promote longer blooming
G. x g. 'Arizona Red Shades'	Arizona Red Shades blanket flower	4	12"/12"	sun	low to medium	July-Aug	large, crimson red flowes on well branched stems
G. x g. 'Arizona Sun'	Arizona Sun blanket flower	4	12"/10"	sun	low to medium	July-Aug	4" fiery orange flowers with flame yellow edges on compact plants
G. x g. 'Fanfare Blaze'	Fanfare Blaze blanket flower	4	15"/15"	sun	low to medium	July-Aug	pinwheel-like tublar flower petals are in warm, burnt-orange tones with yellow tips surrounding a large russet eye
G. x 'Mesa Bright Bicolor'	Mesa Bright Bicolor blanket flower	4	20"/16"	sun	low to medium	July-Aug	bright red flowers with bright yellow bands that vary in width

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G. x 'Mesa Peach'	Mesa Peach blanket flower	4	20"/16"	sun	low to medium	July-Aug	intense peach colored flowers surrounded by radiating yellow tips
G. x 'Mesa Yellow'	Mesa Yellow blanket flower	4	20"/16"	sun	low to medium	July-Aug	sunny, clear yellow blooms on well branched plants
Galium odoratum	Sweet woodruff, sweet scented bedstraw	4	12"/8"	shade	medium to moist	July-Aug	white flowers on mat forming, perennial, shade-loving ground cover, well drained soils
Geranium x cantabrigiense 'Biokovo'	Biokovo cranesbill	4	12"/8"	sun to filtered shade	medium	June-July	white flowers with light pink veins and stamens, red to orange fall foliage color
G. x c. 'Crystal Rose'	Crystal Rose cranesbill	4	12"/8"	sun to filtered shade	medium	June-July	low, spreading, compact mat with clusters of bright magenta, long lasting flowers
Geranium dalmaticum	Dalmatian cranesbill	4	15"/6"	sun to filtered shade	medium	June-July	shell pink flowers over aromatic foliage that turns orange/red in autumn
Geranium himalayense 'Plenum'	Himalayan cranesbill	3	18"/20"	sun to filtered shade	medium	June-July	fluffy, double, violet blue flowers fringed with pink, cut back hard after flowering to promote new foliage, red fall foliage color
Geranium 'Johnson's Blue'	Johnson's Blue cranesbill	4	20"/24"	sun to filtered shade	medium	June-July	2", vivid periwinkle blue flowers, immediately after flowering shear back to encourage compact habit
Geranium macrorrhizum	Big root cranesbill	4	24"/12"	sun to filtered shade	medium	June-July	deep magenta flowers, spreads by rhizomes to form large clump, foliage red/bronze in Fall
G. m. 'Bevan's Variety'	Bevan's Variety big root cranesbill	4	24"/12"	sun to filtered shade	medium	June-July	deep magenta flowers with dark red sepals, spreading habit, benefits from afternoon shade if grown in full sun
Geranium 'Rozanne'	Rozanne cranesbill	4	24"/18"	sun to filtered shade	medium	June-Aug	extremely large, saucer-shaped, glowing violet/blue flowers with white eye, very long blooming, give it room to develop
Geranium 'Sabani Blue'	Sabani cranesbill	4	24"/18"	sun to filtered shade	medium	June-July	rich violet/blue flowers in Spring, may rebloom in Fall
Geranium sanguineum	Bloody cranesbill	4	24"/18"	sun to filtered shade	medium	June-July	magenta-pink flowers, long blooming, red/orange fall foliage tints, good choice for mass plantings
Geum chiloense 'Borisii'	Borisii avens	4	12"/12"	sun to filtered shade	medium	June-July	small, semi-double, upward facing bright mango-orange blooms with yellow anthers above basal rosettes of green leaves
G. c. 'Lady Stratheden'	Lady Stratheden avens	4	20"/16"	sun to filtered shade	medium	June-July	golden yellow flowers, well drained soil, dead head to prolong bloom
G. c. 'Mrs. Bradshaw'	Mrs. Bradshaw avens	4	15"/18"	sun to filtered shade	medium	June-July	semi-double, scarlet orange flowers, well drained soil, dead head to prolong bloom
Hemerocallis cultivars	Daylily	4	varies	sun to filtered shade	medium	varies	older varieties tend to be hardier, many cultivars are available
Heuchera pulchella 'Raspberry Regal'	Raspberry Regal sandia coralbells	4	12"/12"	sun to filtered shade	medium	July	dark, raspberry red buds open to deep rosy-pink flowers, well drained, evenly moist soil
Heuchera sanguinea 'Amber Waves'	Amber Waves coralbells	4	12"/8"	sun to filtered shade	medium	July	large, ruffled amber gold leaves, light rose-pink flowers
H. s. 'Amethyst Myst'	Amethyst Myst coralbells	4	12"/8"	sun to filtered shade	medium	July	blackish-purple foliage with silvery-blue overlay and black veins, tiny cream colored flowers, primarily a foliage plantH.

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H. s. 'Crimson Curls'	Crimson Curls coralbells	4	12"/12"	sun to filtered shade	medium	July	bronzy, highly ruffled leaves show pinkish red undersides, cream colored flowers
H. s. 'Harvest Lemon Chiffon'	Harvest Lemon Chiffon coralbells	4	12"/15"	sun to filtered shade	medium	July	chartreuse foliage with ruffled edges, pink flowers
H. s. 'Prince'	Prince coralbells	4	12"/12"	sun to filtered shade	medium	July	richly colored dark purple-red leaves with ruffled edges, cream flowers on purple-red stems
H. s. 'Rave On'	Rave On coralbells	4	12"/12"	sun to filtered shade	medium	July	Greenish leaves with a heavy silver overlay, bright, rose-pink flowers
H. s. 'Snow Angel'	Snow Angel coralbells	4	12"/12"	sun to filtered shade	medium	July	cherry-pink flowers over green/white variegated foliage, well drained, evenly moist soil, afternoon shade beneficial
H. s. 'Splendens'	Splendens coralbells	4	12"/12"	sun to filtered shade	medium	July	vermillion red flowers, well drained, evenly moist soil, dead head to promote longer flowering period
H. s. 'Venus'	Venus coralbells	4	12"/8"	sun to filtered shade	medium	July	large silver leaves with deep green veins, white flowers
H. s. 'White Cloud'	White Cloud coralbells	4	12"/15"	sun to filtered shade	medium	July	white flowers, green foliage overlaid with silver patina, well drained soil, dead head, afternoon shade beneficial
H. 'Silver Scrolls'	Silver Scrolls coralbells	4	15"/15"	sun to filtered shade	medium	July	foliage silver/burgundy in spring becoming silver and near black in summer, ivory pink flowers
Heuchera x 'Bressingham Hybrids'	Bressingham Hybrids coralbells	4	15"/15"	sun to filtered shade	medium	July	flowers come in a range of colors from white, pink, coral, scarlet red
Hosta 'August Moon'	August Moon hosta	4	18"/20"	filtered shade to shade	medium	July	deeply crinkled gold leaves, white flowers
H. 'Bressingham Blue'	Bressingham Blue hosta	4	24"/30"	filtered shade to shade	medium	July	rounded blue-green foliage, white flowers
H. 'Fire Island'	Fire Island hosta	4	15"/15"	filtered shade to shade	medium	July	brilliant yellow leaves on red petioles, red coloring extends into leaves, lavender flowers
Hosta fortunei 'Albo Picta'	Albo Picta hosta	4	24"/30"	filtered shade to shade	medium	July	leaves light yellow-green with dark green margins, light lavender flowers
H. f. 'Aureomarginata'	Aureomarginata hosta	4	15"/28"	filtered shade to shade	medium	July	dark green leaves with gold edging, violet flowers
H. f. 'Francee'	Francee hosta	4	20"/30"	filtered shade to shade	medium	July	dark green heart-shaped leaves, lilac flowers
H. f. 'Gold Standard'	Gold Standard hosta	4	28"/30"	filtered shade to shade	medium	July	leaves gold with dark green margins, lavender flowers
H. 'Fragrant Bouquet'	Fragrant Bouquet hosta	4	24"/18"	filtered shade to shade	medium	July	wavy, heart-shaped leaves are apple green with creamy margins, white flowers
H. 'Golden Tiara'	Golden Tiara hosta	4	15"/24"	filtered shade to shade	medium	July	green foliage with golden margins, purple flowers
H. 'Royal Standard'	Royal Standard hosta	4	14"/24"	filtered shade to shade	medium	July	rich green foliage, fragrant white flowers
H. 'Sum and Substance'	Sum and Substance hosta	4	20"/24"	filtered shade to shade	medium	July	thick, heart-shaped glossy yellow leaves, fragrant white flowers
Hosta sieboldiana 'Frances Williams'	Frances Williams hosta	4	20"/20"	filtered shade to shade	medium	July-Aug	large blue-green leaves have chartreuse to yellow margins, white flowers



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Hosta tardiana 'Halcyon'	Halcyon hosta	4	20"/24"	filtered shade to shade	medium	July	spear-shaped blue leaves, pale lavender flowers
Hosta undulata 'Mediovariegata'	Mediovariegata hosta	4	15"/20"	filtered shade to shade	medium	July	leaves with white center and green margins, lavender flowers
H. u. 'Albo Marginata'	Albo Marginata hosta	4	15"/30"	filtered shade to shade	medium	July	green leaves with cream margins, lilac bloom
Iberis sempervirens 'Snowflake'	Snowflake evergreen candytuft	4	24"/12"	sun	low to medium	June	large clusters of pure white flowers smother the evergreen foliage in Spring
I. s. 'Tahoe'	Tahoe evergreen candytuft	4	20"/10"	sun	low to medium	June	large clusters of pure flowers, evergreen foliage, well drained soil
Iris x germanica cultivars	tall, median & dwarf cultivars available	4	24"/30"	sun	low to medium	June	various colors, older varieties may be more reliable than newer ones
Iris pseudacorus	Yellow flag iris	4	24"/30"	sun	moist	July	good for edge of ponds/streams, bright yellow flowers
Iris x pumila cultivars	dwarf iris	4	12"/12"	sun	low to medium	June	various colors, older varieties may be more reliable than newer ones
Iris siberica cultivars	Siberian iris	4	12"/24"	sun	medium to moist	June-July	flower colors available in deep to light purple, blue, violet, yellow, pink, white
Lamiastrum galeobdolon 'Herman's Pride'	Variiegated yellow archangel	4	10"/14"	filtered shade to shade	medium	July	short spikes of bright yellow flowers over variegated silver/green foliage, tolerates dry shade conditions
Lamium maculatum 'Beacon Silver'	Beacon Silver lamium	3	18"/8"	filtered shade to shade	medium	July	small silver leaves with green edge, bright pink flowers, trim foliage back to ground in late winter
L. m. 'Orchid Frost'	Orchid Frost lamium	3	18"/8"	filtered shade to shade	medium	July	frosty variegated foliage, large, bright orchid-pink flowers, trim foliage back to ground in late winter
L. m. 'Pink Pewter'	Pink Pewter lamium	3	18"/6"	filtered shade to shade	medium	July	small, silver leaves with narrow green edge, soft salmon-pink flowers, trim foliage back to ground in late winter
L. m. 'Purple Dragon'	Purple Dragon lamium	3	20"/8"	filtered shade to shade	medium	July	silvery foliage with green edge, large, deep magenta-purple flowers, trim foliage back to ground in late winter
L. m. 'Red Nancy'	Red Nancy lamium	3	20"/8"	filtered shade to shade	medium	July	silvery foliage with green edge, purplish-pink flowers, trim foliage back to ground in late winter
L. m. 'White Nancy'	White Nancy lamium	3	20"/8"	filtered shade to shade	medium	July	silvery foliage with green edge, pure white flowers, trim foliage back to ground in late winter
Leucanthemum x superbum 'Aglaiia'	Aglaiia shasta daisy	4	18"/24"	sun	medium	July-Aug	frilly, double white flowers with a crested white center, good cut flower, divide plants every two to three years
Leucanthemum x superbum 'Alaska'	Alaska shasta daisy	4	18"/24"	sun	medium	July-Aug	pure white, 3" flowers with yellow centers, good cut flower
L. x s. 'Becky'	Becky shasta daisy	4	24"/30"	sun	medium	July-Aug	large, single white flowers with yellow centers, good cut flower
L. x s. 'Crazy Daisy'	Crazy Daisy shasta daisy	4	18"/24"	sun	medium	July-Aug	2.5" double flowers are creamy white with frilly, twisted petals and yellow centers

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L. x s. 'Real Glory'	Real Glory shasta daisy	4	15"/24"	sun	medium	July-Aug	flowers feature multiple layers of pure white petals exposing an ever expanding yellow center
L. x s. 'Silver Princess'	Silver Princess shasta daisy	4	12"/12"	sun	medium	July-Aug	compact habit, single white flowers with yellow centers
L. x s. 'Snow Lady'	Snow Lady shasta daisy	4	12"/12"	sun	medium	July-Aug	compact habit, single white flowers with yellow centers
L. x s. 'Snow Cap'	Snow Cap shasta daisy	4	15"/15"	sun	medium	July-Aug	compact habit, single white flowers with yellow centers
Liatis punctata	Gayfeather	4	12"/15"	sun	low	July	lavender-pink flower spikes, drought tolerant when established
Liatis spicata 'Floristan Violet'	Floristan Violet blazingstar	3	15"/24"	sun	low to medium	July	tall spikes of bright magenta-pink flowers, drought tolerant when established
L. s. 'Floristan White'	Floristan White blazingstar	3	15"/24"	sun	low to medium	July	tall spikes of pure white flowers, drought tolerant when established
L. s. 'Kobold'	Kobold blazingstar	4	15"/18"	sun	low to medium	July	bright, rosy lavender flower spikes
Linum narbonense	Spanish blue flax	4	12"/14"	sun	low to medium	June-July	large flowers of iridescent lavender cover dense mounds of shrub-like foliage
Lotus corniculatus 'Plenus'	Bird's foot trefoil	3	8"/6"	sun	low to medium	July	low, spreading mound of green leaves smothered in double, bright yellow pea-type flowers, thrives in poor soil and hot, dry sites
Lupinus 'Chandelier'	Chandelier lupine	4	15"/24"	sun to filtered shade	medium	June	yellow flowers on large spikes, well drained soils
Lupinus 'Gallery Mix'	Gallery Mix lupine	4	15"/24"	sun	medium	June	flowers on sturdy spikes in mixed colors of deep blue, red, pink, yellow and white; you may also order this lupine series in individual colors
Lupinus 'Minarette'	Minarette lupine	4	15"/18"	sun	medium	June	compact plants with flowers on sturdy spikes in mixed colors of pink, red, yellow, orange and white
Lupinus 'Russell Hybrids'	Russell Hybrids lupine	4	24"/30"	sun	medium	June	Available in mixed or individual colors
Lychnis chalconica	Maltese cross	3	15"/30"	sun	medium	July	bright green foliage, large clusters of orange-scarlet flowers
Lychnis coronaria 'Atrosanguinea'	Rose campion	4	12"/24"	sun	low to medium	July	densy wooly, silver gray leaves, showy rose-magenta flowers, may self seed unless spent flowers are removed
Monarda didyma 'Cambridge Scarlet'	Cambridge scarlet bee-balm	4	18"/24"	sun to filtered shade	medium	July-Aug	large, brilliant, deep-scarlet flowers
M. d. 'Gardenview Scarlet'	Gardenview Scarlet bee-balm	4	24"/30"	sun to filtered shade	medium	July-Aug	vibrant scarlet-red flowers, good mildew resistance
M. d. 'Petite Wonder'	Petite Wonder bee-balm	4	18"/12"	sun to filtered shade	medium	July-Aug	soft-pink flowers over fragrant, gray-green foliage
Nepeta racemosa 'Blue Wonder'	Blue Wonder catmint	4	18"/18"	sun	low to medium	June-Aug	dwarf, mounding habit, sterile seeds, dark blue flowers over fragrant foliage, shear after initial flowering to encourage re-blooming
Nepeta x faassenii 'Six Hills Giant'	Six Hills Giant catmint	4	18"/30"	sun	low to medium	June-Aug	gray-green aromatic foliage, periwinkle blue flowers, sheer after initial flowering to encourage re-bloom
N. x f. 'Kit Kat'	Kit Kat catmint	4	12"/8"	sun	low to medium	June-Aug	compact, low growing form, blue flowers

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N. x f. 'Select Blue'	Select Blue catmint	4	18"/12"	sun	low to medium	June-Aug	lavender-blue flowers, sterile seeds, sheer after initial flowering to encourage re-blooming
N. x f. 'Walker's Low'	Walker's Low catmint	4	18"/24"	sun	low to medium	June-Aug	dark, lavender-blue flowers, sheer after initial flowering to encourage re-blooming
N. 'Little Trudy'	Little Trudy catmint	4	18"/12"	sun	low to medium	June-Aug	compact form, lavender-blue flowers, sheer after initial flowering to encourage re-blooming
Oenothera berlandiere 'Siskiyou'	Mexican evening primrose	4	15"/8"	sun	low	July-Aug	2" wide, pale pink, saucer-shaped flowers
Oenothera fremontii 'Shimmer'	Shimmer evening primrose	4	15"/10"	sun	low	July-Aug	3" dia. lemon-yellow flowers, extremely narrow gray-green leaves, pinch tips of stems several times in Spring to encourage branching and a more compact plant
Oenothera 'Missouriensis'	Missouri primrose	4	12"/12"	sun	low to medium	July-Aug	large, yellow, crepe-textured flowers, suited to hot, dry sites with well drained soils, dead head faded flowers to encourage additional flowering
Paeonia lactiflora cultivars	Peony cultivars (numerous)	4	24"/36"	sun	medium	June-July	very showy when in bloom, good cut flower, fragrant varieties
Penstemon x mexicali 'Psmyers'	Shadow Mountain penstemon	4	15"/18"	sun	low	July-August	lavender-blue flowers
P. x mexicali 'Red Rocks'	Red Rocks penstemon	4	12"/15"	sun	low	July-August	bright rose-pink flowers
Penstemon pinifolius	Pine needle penstemon	4	12"/8"	sun	low	July-August	scarlet red flowers, site on south or west exposure or against large rock facing south or west
P. p. 'Mersea Yellow'	Mersea Yellow pine needle penstemon	4	12"/8"	sun	low	July-August	bright yellow flowers, site on south or west exposure or against large rock facing south or west
Penstemon x 'Dark Towers'	Dark Towers penstemon	4	18"/24"	sun	low	July-August	pale pink flowers on dark, wine-purple foliage
P. x 'Pretty Petticoat'	Pretty Petticoat penstemon	4	18"/18"	sun	low	July-August	rich purple flowers with white throats
P. x 'Ruby Candle'	Ruby Candle penstemon	4	18"/18"	sun	low	July-August	ruby red flowers
Perovskia atriplicifolia 'Blue Spires'	Blue Spires Russian sage	4	36"/36"	sun	low	July-Sept	gray-green foliage, dark blue flowers, all cultivars of Russian sage are resistant to elk, deer and rabbit browsing
P. a. 'Denim 'n Lace'	Denim 'n Lace Russian sage	4	30"/36"	sun	low	July-Sept	bright, sky blue flowers on amethyst calyxes
P.a. 'Lacey Blue'	Lacey Blue Russian sage	4	24"/18"	sun	low	July-Sept	compact form, blue flowers, resistant to elk, deer, and rabbit browsing
Physotegia virginiana 'Crown of Snow'	Crown of Snow obedient plant	4	20"/24"	sun to filtered shade	medium to moist	Aug-Sept	tall spikes of pure white, tubular flowers

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
P. v. 'Crown Rose'	Crown Rose obedient plant	4	20"/24"	sun to filtered shade	medium to moist	Aug-Sept	tall spikes of rose-pink, tubular flowers
P. v. 'Crystal Peak White'	Crystal Peak White obedient plant	4	15"/18"	sun to filtered shade	medium to moist	Aug-Sept	compact form, spikes of white flowers, a good rain-garden plant
P. v. 'Miss Manners'	Miss Manners obedient plant	4	12"/18"	sun to filtered shade	medium to moist	Aug-Sept	compact, clump forming (not spreading) habit, pure white flowers
Platycodon grandiflorus 'Astra Pink'	Astra Pink balloon flower	4	12"/10"	sun to filtered shade	medium	July	balloon-like buds open to star-shaped, single, soft pink flowers, emerge late in Spring, difficult to transplant once established
P. g. 'Mariesii'	Mariesii balloon flower	4	12"/18"	sun to filtered shade	medium	July	balloon-like buds open to blue bell-shaped flowers, emerge late in Spring, difficult to transplant once established
Platycodon grandiflorum 'Sentimental Blue'	Sentimental Blue balloon flower	4	12"/10"	sun to filtered shade	medium	July	balloon-like buds open to beautiful blue bell-shaped flowers, emerge late in Spring, difficult to transplant once established
Potentilla nepalensis 'Miss Willmott'	Miss Willmott potentilla	4	12"/12"	sun	medium to moist	July-Aug	flowers deep-pink with crimson eye, shear back after flowering to rejuvenate foliage
Potentilla neumanniana	Creeping potentilla	4	12"/4"	sun and afternoon shade	medium to moist	June	tight, low growing evergreen groundcover, bright yellow flowers in Spring
P. n. 'Nana'	Nana creeping potentilla	4	10"/4"	sun and afternoon shade	medium to moist	June	can be used between pavers, yellow Spring flowers
Pulsatilla vulgaris	European pasqueflower	4	12"/12"	sun to filtered shade	low to medium	May	pale to dark violet open bell-shaped flowers, plume-like seed heads
P. v. 'Papageno'	Papageno pasqueflower	3	12"/12"	sun to filtered shade	low to medium	May	flowers crocus-like, color mix from white to soft pastel pinks, rich deep purple and red
P. v. 'Red Cloak'	Red Cloak pasqueflower	3	12"/12"	sun to filtered shade	low to medium	May	large, claret-red flowers with yellow eye
Salvia azurea 'Nekan'	Nekan pitcher salvia	4	20"/30"	sun	low to medium	Aug-Sept	silver-gray foliage, true blue flowers
Salvia nemorosa 'East Friesland'	East Friesland salvia	4	18"/24"	sun	low to medium	June-July	compact habit, deep violet-purple flowers, dead head to encourage re-bloom
S. n. 'Lyrical Blues'	Lyrical Blues salvia	4	20"/20"	sun	low to medium	June-July	from pink buds come violet flowers with blue overtones and burgundy calyces
S. n. 'Lyrical Rose'	Lyrical Rose salvia	4	18"/22"	sun	low to medium	June-July	compact, well branched habit, long bloom period, pink flowers
S. n. 'Lyrical Silvertone'	Lyrical Silvertone salvia	4	20"/20"	sun	low to medium	June-July	bi-color flowers, blue with silver edge, compact habit
S. n. 'Lyrical White'	Lyrical White salvia	4	20"/20"	sun	low to medium	June-July	pure white flowers
S. n. 'Sensation Deep Blue'	Sensation Deep Blue salvia	4	15"/12"	sun	low to medium	June-July	compact habit, flowers rich medium blue

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
S. n. 'Sensation Deep Rose'	Sensation Deep Rose salvia	4	12"/12"	sun	low to medium	June-July	rose pink flowers
S. n. 'Sensation Sky Blue'	Sky Blue salvia	4	12"/12"	sun	low	June-July	lilac buds open to brilliant blue flowers
Salvia pratensis 'Eveline'	Eveline salvia	4	18"/24"	sun	low to medium	June-July	mid-size, well branched plant with mauve-purple flowers
Salvia x sylvestris 'Blue Hill'	Blue Hill salvia	4	18"/15"	sun	low to medium	June-July	sturdy, compact form, long blooming, clear blue flowers
S. x s. 'Blue Queen'	Blue Queen salvia	4	18"/18"	sun	low to medium	June-July	flowers bright, blue-violet on medium size plant
Salvia x s. 'Caradonna'	Caradonna salvia	4	18"/24"	sun	low to medium	June-July	dark purple flower stems, blue violet flowers
S. x s. 'May Night'	May Night salvia	4	18"/18"	sun	low to medium	June-July	vigorous grower, deep purple flowers
S. x s. 'Rose Queen'	Rose Queen salvia	4	18"/24"	sun	low to medium	June-July	rosy-pink flowers, cut back after flowering
S. x s. 'Snow Hill'	Snow Hill salvia	4	18"/18"	sun	low to medium	June-July	flowers clean, snowy white, dead head to promote rebloom
Saponaria ocyroides	Rock soapwort	3	18"/5"	sun to filtered shade	low to medium	June-July	bright pink flowers, low, creeping habit, vigorous and hardy, sheer after blooming to remove spent flowers and prevent re-seeding
Saponaria ocyroides 'Snow Tip'	Snow Tip Soapwort	3	18"/5"	sun to filtered shade	low to medium	June-July	pure white, stary flowers, creeping habit, re-seeds, shear after blooming
Scabosia caucasica 'Kompliment'	Kompliment (or Compliment) pin cushion flower	4	12"/18"	sun	medium	June-Sept	2"-3" flowers have an outer ring of frilly lavender-blue petals and a center cushion with protruding stamens, gray-green foliage
S. c. 'Fama Blue'	Fama Blue pin cushion flower	4	15"/18"	sun	medium	June-Sept	long blooming, intense purple-blue, 3"-4" flowers, well drained soil
S. c. 'Fama White'	Fama White pin cushion flower	4	15"/18"	sun	medium	June-Sept	long blooming, pure white flowers, well drained soil
S. c. 'Miss Willmott'	Miss Willmott pin cushion flower	4	15"/18"	sun	medium	June-Sept	pure white flowers, well drained soil, dead heading encourages flower production, combine with penstemons
Scrophularia macrantha	Red Birds In A Tree	4	18"/36"	sun	low to medium	July-Sept	long wands of white tipped, cherry-red flowers, attracts hummingbirds, may require support
Sedum acre	Goldmoss creeping stonecrop	4	12"/3"	sun	low	July	carpet forming, evergreen, succulent perennial, with star-shaped bright yellow flowers
Sedum album 'Baby Tears'	Baby Tears creeping stonecrop	4	12"/4"	sun	low	July	creeping habit, can use between paving stones, white flowers, well drained soil
S. a. 'Coral Carpet'	Coral Carpet creeping stonecrop	3	12"/3"	sun	low	July	forms a low carpet of rounded green leaves that take on rich red tones in summer and winter, white, star flower, use in rock walls

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Sedum reflexum 'Blue Spruce'	Blue Spruce creeping stonecrop	3	18"/8"	sun	low	July	blue green leaves arranged around the stem like spruce needles, clusters of yellow star flowers, can be a lawn substitute in hot dry situations
Sedum hybridum 'Immergrunchen'	Oak leaf stonecrop	3	18"/6"	sun	low	July	leaves with scalloped edges, yellow flowers
Sedum rupestre 'Angelina'	Angelina stonecrop	3	12"/6"	sun	low	July	a trailing mat of golden succulent leaves, clusters of yellow, stary flowers
Sedum spectabile 'Autumn Joy'	Autumn Joy sedum	3	12"/18"	sun	low	Aug-Sept	broccoli-like flower buds open to dusty-pink flower heads finally deepening to rich bronzy-red, well drained soils
Sedum spectabile 'Indian Chief'	Indian Chief sedum	4	12"/18"	sun	low	Aug-Sept	flowers open firey-red then become rust-red, combine with Russian sage
Sedum spurium 'Dragon's Blood'	Dragon's Blood stonecrop	4	20"/4"	sun	low	July-Aug	coral-red flowers over greenish bronze foliage, groundcover habit
S. s. 'John Creech'	John Creech stonecrop	4	8"/4"	sun	low	July-Aug	succulent mat of tight green foliage that turns burgundy in the Fall, good for between stepping stones
Sedum x 'Autum Fire'	Autumn Fire sedum	3	18"/24"	sun	low	Aug-Sept	an improved form of "Autumn Joy", larger growing, longer blooming, faded flowers lend winter interest
Sempervivum arachnoideum	Cobweb hens & chicks	3	8"/4"	sun	low	July	fine white threads criss-cross between the leaves like cobwebs, rose-pink flowers
Sempervivum 'Red Beauty'	Red Beauty hens & chicks	3	8"/8"	sun	low	July	low clump of frosty gray-green fleshy leaves green with red tips and edges, young plantlets form around the center, pink flowers
Sempervivum cultivars	many to choose from	3	varies	sun	low	July-Aug	numerous cultivars in a variety of foliage and flower colors
Stachys byzantine 'Silver Carpet'	Lamb's ears	4	12"/8"	sun	low	n/a	velvety, soft, silver leaves, a children's favorite in the garden
S. b. 'Helen von Stein'	Helen von Stein lamb's ears	4	12"/8"	sun	low	n/a	use as foliar accent or edging plant at front of border
Tanacetum cinerarifolium 'Dalmation Daisy'	Dalmation Daisy	4	24"/18"	sun	low to medium	July-Aug	a Plant Select daisy choice for hot, dry gardens
Tanacetum cinerarifolium	Painted daisy mix	4	18"/18"	sun	low to medium	July-Aug	very showy, 3" flowers with yellow centers in a mix of colors, dead head to promote continuous flowering
Tanacetum cinerarifolium 'Brenda'	Brenda painted daisy	4	18"/18"	sun	low to medium	July-Aug	showy magenta flowers with yellow centers, will bloom over a long time with dead heading
T. c. 'Eileen May Robinson'	Eileen May Robinson painted daisy	4	18"/18"	sun	low to medium	July-Aug	pale pink flowers with yellow centers, dead head to promote continuous floweing
T. c. 'Mrs. James Kelway'	Mrs. James Kelway painted daisy	4	18"/18"	sun	low to medium	July-Aug	creamy flowers aging to pale pink, dead head to promote continuous flowering
T. c. 'Mont Blanc'	Mont Blanc painted daisy	4	18"/18"	sun	low to medium	July-Aug	pure white, yellow centered flowers, dead head to promote continuous flowering
T. c. 'Robinson's Crimson'	Robinson's Crimson painted daisy	4	18"/18"	sun	low to medium	July-Aug	scarlet-red , yellow centered flowers, dead head to promote continuous flowering
Tanacetum densum ssp. Amani	Partridge feather	4	18"/5"	sun	low to medium	June-July	attractive gray ferny foliage, yellow button-shaped flowers, mulch with pea gravel or pine needles

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Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Tanacetum rocheburnianum	Japanese meadow rue	4	24"/36"	filtered shade	medium to moist	July-Aug	fine textured, bluish green, columbine-like foliage, tiny purple-lavender flowers, mass 3 or more plants for best flowering effect
Thymus praecox 'Albiflorus'	White flowered creeping thyme	3	15"/2"	sun	low to medium	June-July	white flowers, use between stepping stones
T. p. 'Coccineus'	Red creeping thyme	4	15"/2"	sun	low to medium	June-July	red flowers
T. p. 'Elfin'	Elfin creeping thyme	4	15"/2"	sun	low to medium	June-July	pink flowers
T. p. 'Pink Chintz'	Pink Chintz creeping thyme	4	15"/2"	sun	low to medium	June-July	salmon-pink flowers on fuzzy, gray-green leaves
T. p. 'Pseudolanuginosus'	Wooly thyme	4	15"/2"	sun	low to medium	June-July	pink flowers on tiny,, green wooly foliage
Thymus serpyllum 'Magic Carpet'	Magic Carpet creeping thyme	4	15"/2"	sun	low to medium	June-July	lemon scented green leaves, pink flowers
Tradescantia andersoniana 'Angel Eyes'	Angel Eyes spiderwort	4	18"/15"	sun	medium to moist	July-Aug	triangular, 1"-2" white/purple flowers
Tradescantia andersoniana 'Blue Stone'	Blue Stone spiderwort	4	18"/15"	sun	medium to moist	July-Aug	triangular, 1"-2" lavender-blue flowers
T. a. 'Blushing Bride'	Blushing Bride spiderwort	4	18"/15"	sun	medium to moist	July-Aug	white flowers
T. a. 'Concord Grape'	Concord Grape spiderwort	4	18"/15"	sun	medium to moist	July-Aug	blue-green foliage, purple flowers
T. a. 'Danielle'	Danielle spiderwort	4	18"/15"	sun	medium to moist	July-Aug	white flowers
T. a. 'Mrs. Loewer'	Mrs. Loewer spiderwort	4	18"/15"	sun	medium to moist	July-Aug	lavender-blue flowers
T. a. 'Perinne's Pink'	Perinne's Pink spiderwort	4	18"/15"	sun	medium to moist	July-Aug	pink flowers
T. a. 'Purple Profusion'	Purple Profusion spiderwort	4	18"/15"	sun	medium to moist	July-Aug	light purple flowers
T. a. 'Red Cloud'	Red Cloud spiderwort	4	18"/15"	sun	medium to moist	July-Aug	triangular, 1"-2" rose-purple flowers
T. a. 'Red Grape'	Red Grape spiderwort	4	18"/15"	sun	medium to moist	July-Aug	magenta flowers
T. a. 'Therese'	Therese spiderwort	4	18"/15"	sun	medium to moist	July-Aug	pink flowers

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
T. a. 'Zwanenburg Blue'	Zwanenburg Blue spiderwort	4	18"/15"	sun	medium to moist	July-Aug	purple-blue flowers
Veronica allionii	Alpine speedwell	3	12"/6"	sun	medium	July-Aug	a low cushion plant bearing chubby spikes of deep violet-blue flowers
Veronica austriaca 'Crater Lake Blue'	Crater Lake Blue speedwell	4	18"/12"	sun	medium	July-Aug	graceful, spreading plant with star-shaped, intensely blue flowers
Veronica liwanensis	Turkish speedwell	4	18"/2"	sun	low to medium	June-July	spreading stems of evergreen foliage spread across the ground rooting as they go, bright blue flowers in late Spring
Veronica longifolia 'First Love'	First Love speedwell	4	10"/12"	sun	medium to moist	July-Aug	glowing, fluorescent pink flowers, dead head to promote continuous flowering
V. l. 'Marietta'	Marietta speedwell	4	24"/24"	sun	medium to moist	July-Aug	electric blue flowers with yellow stamens, upright habit
V. l. 'Blue Giant'	Blue Giant speedwell	4	24"/30"	sun	medium to moist	July-Aug	bushy, upright form, long spikes of bright blue-violet flowers, may require support
Veronica pectinata 'Blue'	Wooly speedwell	4	18"/2"	sun	low to medium	June-July	xeric groundcover plant, dense, gray-green foliage, white-eyed, true blue flowers that fade to lavender
Veronica 'Reavis Crystal River'	Reavis Crystal River speedwell	4	18"/3"	sun	low to medium	June-July	tough, fast growing groundcover, scores of brilliant blue flowers in mid to late Spring
Veronica repens 'Sunshine'	Sunshine creeping speedwell	4	12"/2"	sun	low to medium	June-July	flat carpet of tiny golden leaves, small, near-white flowers
Veronica spicata 'Blue Bouquet'	Blue Bouquet spike speedwell	3	18"/18"	sun	medium	July-Aug	dense, deep purple-blue flower spikes, dead head to prolong blooming
V. s. 'Eveline'	Eveline spike speedwell	3	12"/18"	sun	medium	July-Aug	deep, magenta purple flowers on long spikes, all Veronica spicata cultivars benefit from dead heading to promote prolonged blooming
V. s. 'First Lady'	First Lady spike speedwell	4	14"/14"	sun	medium	July-Aug	pure white flowers on long spikes
V. s. 'Goodness Grows'	Goodness Grows spike speedwell	4	18"/10"	sun	medium	July-Aug	long blooming, royal purple flowers, sheer spent blooms to encourage re-bloom
V. s. 'Giles van Hees'	Giles van Hees spike speedwell	3	12"/8"	sun	medium	July-Aug	low clump of bright green leaves loaded with with upright spikes of rose-pink flowers over a long bloom period
V. s. 'Icicle'	Icicle spike speedwell	3	12"/18"	sun	medium	July-Aug	white flowers
V. s. var. incana 'Silver Sea'	Silver Sea wooly speedwell	3	10"/8"	sun	medium	July-Aug	low mound of intensely silver-gray leaves, deep violet blue flowers
V. s. 'Minuet'	Minuet spike speedwell	3	12"/15"	sun	medium	July-Aug	gray-green foliage, rosy-pink flowers



**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE HERBACEOUS PERENNIALS AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
V. s. 'Purpleicious'	Purpleicious spike speedwell	3	12"/15"	sun	medium	July-Aug	deep, violet-purple flowers
V. s. 'Red Fox'	Red Fox spike speedwell	4	12"/12"	sun	medium	July-Aug	deep pink flowers
Veronica spicata 'Royal Candles'	Royal Candles spike speedwell	3	12"/10"	sun	medium	July-Aug	deep, purple-blue flowers
Veronica x 'Sunny Border Blue'	Sunny Border Blue speedwell	4	15"/18"	sun	medium	July-Aug	vivid violet-blue flowers
Vinca minor 'Alba'	White flowered vinca	3	24"/6"	filtered shade to shade	medium	June-July	dense, mat forming groundcover plant with white flowers
V. m. 'Bowles'	Bowles vinca	4	10"/6"	filtered shade to shade	medium	June-July	weed smothering evergreen ground cover with intense blue-violet flowers
V. m. 'Illumination'	Illumination vinca	4	15"/6"	filtered shade to shade	medium	June-July	bright gold foliage edged in green, soft blue flowers
V. m. 'Ralph Shugart'	Ralph Shugart vinca	4	12"/6"	filtered shade to shade	medium	June-July	dark, glossy, green leaves edged with white, bright blue flowers
Viola cornuta 'Blue Perfection'	Blue Perfection horned violet	4	8"/8"	filtered shade to shade	medium to moist	June-Sept	fragrant, sky-blue flowers, cut back in early Aug. to encourage Fall blooming
V. c. 'White Perfection'	White Perfection horned violet	4	8"/8"	filtered shade to shade	medium to moist	June-Sept	fragrant, white flowers, cut back in early Aug. to encourage Fall blooming
V. c. 'Yellow Perfection'	Yellow Perfection horned violet	4	8"/8"	filtered shade to shade	medium to moist	June-Sept	fragrant, yellow flowers, cut back in early Aug. to encourage Fall blooming
Viola corsica	Corsican violet	4	12"/6"	sun to filtered shade	medium	June-Aug	very showy blue-purple flowers may self sow, add compost to soil mix and keep evenly moist
Viola sororia 'Dark Freckles'	Wooly violet	3	12"/6"	sun to filtered shade	medium	May-June	mounding habit, flowers pearly-white spotted with china blue
Zinnia grandiflora 'Gold on Blue'	Gold on Blue prairie zinna	4	15"/4"	sun	low	July-Aug	an unusually large form of prairie zinnia that blooms in Summer with golden-yellow daisies, spreads by suckers, needs well drained soil and south or west exposures

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE GRASSES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<b>COOL SEASON GRASSES</b>							
<i>Achnatherum hymenoides</i> ( <i>Orzopsis hymenoides</i> )	Indian rice grass	4	24"/24"	sun	low	n/a	perennial bunch grass, sage-green, wiry foliage, , ivory colored seed heads, foliage turns brown with dormant
<i>Bromus marginatus</i>	Mountain brome	3	24"/40"	sun to filtered shade	low to medium	n/a	short-lived, perennial bunch grass, will tolerate mild salinity, often planted to provide temporary cover for slower developing native plants
<i>Elymus trachycaulus</i>	Slender wheatgrass	2	20"/30"	sun	medium	n/a	short-lived, perennial bunch grass, prefers loamy to clayey soils, will establish quickly in disturbed areas, will tolerate moderate salinity
<i>Festuca arizonica</i>	Arizona fescue	3	24"/30"	sun	low	n/a	native, cool season, long-lived bunch grass, often found growing under conifers in association with blue grama and mountain muhly grass
<i>Festuca idahoensis</i>	Idaho fescue	4	15"/18"	sun	low to medium	n/a	long-lived perennial bunch grass, extensive root system, adapted to stabilization of disturbed soil
<i>Festuca ovina</i>	Sheep fescue	4	15"/12"	sun	medium	n/a	dense root system, good drought tolerance, ideal for stabilization of disturbed soils
<i>Festuca saximontana</i>	Rocky Mountain fescue	2	12"/18"	sun	low	n/a	adapted to exposed, high altitude sites, thrives on fertile, silty and clayey soils, tolerant of shallow, exposed, gravelly soils, cold and drought tolerant, long-lived, perennial bunch grass
<i>Koeleria macrantha</i>	June grass	3	12"/24"	sun	low	n/a	cool season, tufted, perennial bunch grass found on rangelands and open forest lands, seed heads are narrow panicles having the appearance of dense spikes
<i>Pascopyrum smithii</i> ( <i>Agropyron smithii</i> )	Western wheatgrass	3	12"/36"	sun	low	n/a	well adapted to stabilization/reclamation sites, very compatible with bluebunch wheatgrass, thickspike wheatgrass, streambank wheatgrass and needlegrass species
<i>Phleum alpinum</i>	Alpine timothy	2	8"/12"	sun	medium to wet	n/a	perennial, cool season bunchgrass that is somewhat sod-forming, cold tolerant, found in mesic to wet alpine or sub-alpine meadows
<i>Poa secunda</i>	Sandberg bluegrass	4	6"/12"	sun	low to medium	n/a	perennial, cool season bunchgrass , one of the first perennial grasses to green up in the spring, adaptable to a wide variety of soils, cold tolerant, moderately drought tolerant, will go dormant in dry summers unless supplemental water is given
<i>Pseudoroegneria spicata</i>	Bluebunch wheatgrass	4	12"/40"	sun	low to medium	n/a	perennial bunchgrass, a major component of sagebrush communities, deep, fibrous root system, drought tolerant, a Great Basin native species
<b>WARM SEASON GRASSES</b>							
<i>Bouteloua curtipendula</i>	Sideoats grama grass	4	18"/30"	sun	low	n/a	bunch grass with small pennant-like seeds on one side of stem, bluish green color sometimes with a purplish cast, especially in Spring, found on rocky, open slopes, woodlands and forest openings
<i>Bouteloua gracilis</i>	Blue grama, eyelash grass	3	12"/12"	sun	low	n/a	used in habitat restoration and erosion control projects, gray to greenish foliage color
<i>Muhlenbergia montana</i>	Mountain muhly	3	12"/20"	sun to filtered shade	medium	n/a	perennial warm-season bunch grass, adapted to dry and moist conditions but requires excellent drainage
<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition blue grama grass	4	24"/24"	sun	low	n/a	an exceptionally large growing selection of our native blue grama grass, flag-like flowers arise out of blue-green foliage held on stiff, weather resistant stems, flowers are showy and chartreuse in color and held well above the foliage, a Plant Select winner
<i>Panicum virgatum</i>	Switchgrass	4	20"/36"	sun	low to medium	n/a	clump forming bunch grass that self-seeds, grows in association with Indian grass, grama grass and little bluestem grass

**COMDEV RECOMMENDED PLANT LIST - ROCKY MOUNTAIN NATIVE GRASSES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<b>WARM SEASON GRASSES (cont)</b>							
P. v. 'Cape Breeze'	Cape Breeze switchgrass	4	24"/36"	sun to filtered shade	low to medium	n/a	green summer foliage, tan in winter, airy tan inflorescences float above the upright, compact plants
P. v. 'Cheyenne Sky'	Cheyenne Sky switchgrass	4	18"/30"	sun to filtered shade	low to medium	n/a	dense, upright clump of blue-green leaves that turn wine red in summer, purple flower panicles
P. v. 'Heavy Metal'	Heavy Metal switchgrass	4	24"/40"	sun to filtered shade	low to medium	n/a	strong, vertical, metallic-blue foliage turns straw-yellow in Fall/Winter,

**COMDEV RECOMMENDED PLANT LIST - NATIVE GRASSES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
Panicum virgatum 'Northwind'	Northwind switchgrass	4	24"/40"	sun to filtered shade	low to medium	n/a	wide, olive-green foliage, seed plumes held well above foliage, cut back in early Spring to promote compact new growth
P. v. 'Shenandoah'	Shenandoah switchgrass	4	24"/40"	sun to filtered shade	low to medium	n/a	foliage green with burgundy tones, pinkish flower spikes, red/orange fall color
P. v. 'Ruby Ribbons'	Ruby Ribbons switchgrass	4	30"/40"	sun to filtered shade	low to medium	n/a	foliage soft, blue-green in Spring, wine-red in summer, red, airy seed heads
Schizachyrium scoparium	Little bluestem grass	4	24"/30"	sun	low	n/a	perennial bunchgrass, slender, blue-green stems turn radiant mahogany-red
S. s. 'Blaze'	Blaze little bluestem grass	4	15"/36"	sun	low	n/a	foliage turns deep red in fall
S. s. 'Carousel'	Carousel little bluestem grass	4	24"/24"	sun	low	n/a	compact habit, stems do not lodge in winter, green to blue green foliage with pink tints in summer, Fall colors include copper, orange-red, beige and mahogany
S. s. 'Prairie Blues'	Prairie Blues little bluestem grass	4	15"/36"	sun	low	n/a	blue-gray summer foliage, mahogany-red fall color
S. s. 'Smoke Signal'	Smoke Signal little bluestem grass	4	15"/26"	sun	low	n/a	sturdy, tight, upright stems, blue-green turning deep red-purple in Fall, small, tan seed heads
Sporobolus heterolepis	Prairie dropseed grass	3	18"/30"	sun	low to medium	july	warm season, clumpforming grass, fine textured foliage turns golden with orange hues in Fall, fragrant flowers have pink and brown tints

**COMDEV RECOMMENDED PLANT LIST - NON-NATIVE ORNAMENTAL GRASSES AND THEIR CULTIVARS**

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<i>Calamagrostis x acutifolia</i> 'Avalanche'	Avalanche feather reed grass	4	12"/36"	sun to filtered shade	medium	n/a	foliage with white center stripe, green margins, feathery flower/seed stalks emerge reddish-brown in Spring turning gold in Fall/Winter
<i>C. x a.</i> 'Karl Foerster'	Karl Foerster feather reed grass	4	12"/36"	sun to filtered shade	medium to moist	n/a	stiff, green vertical foliage, flower/seed stalks emerge early in season, reddish-brown producing purplish-green plumes that turn golden-tan in Fall
<i>C. x a.</i> 'Overdam'	Overdam variegated feather reed grass	4	12"/36"	sun to filtered shade	medium to moist	n/a	foliage green with creamy white edges, reddish-brown stalks emerge in early summer topped by ivory colored plumes that change to gold/tan in Fall
<i>Calamagrostis arundinaria</i> var. <i>brachytricha</i>	Korean feather reed grass	4	30"/36"	filtered shade to shade	medium to moist	n/a	upright , arching clump of wide, glossy-green leaves, fluffy, bottle-brush plumes in late Summer are purplish-red, then tan
<i>Chasmanthium latifolium</i>	Northern sea oats	4	24"/30"	sun to filtered shade	medium to moist	n/a	flat, drooping seed heads hang from thread-likd pediciles from slightly arching stems, seed heads emerge green but turn purplish-bronze by late Summer
<i>Deschampsia caespitosa</i> 'Goldtau'	Goldtau tufted hair grass	4	24"/30"	sun to filtered shade	medium to moist	July-Aug	compact grass with very dark green leaves, flowers notable golden color
<i>D. c.</i> 'Northern Lights'	Northern Lights tufted hair grass	4	24"/30"	sun to filtered shade	medium to moist	n/a	leaves strongly striped with creamy-white and green blushed with pink in Spring, rarely flowers
<i>D. c.</i> 'Pixie Fountain'	Pixie Fountain tufted hair grass	4	18"/24"	sun to filtered shade	medium to moist	July-Aug	compact, dwarf form, silver-green foliage and silvery-white flowers that mature to rich brown
<i>D. c.</i> 'Schottland'	Scottish tufted hair grass	4	18"/24"	sun to filtered shade	medium to moist	July-Aug	low, dense, tussock of very thin leaves, airy panicles form a "cloud" over the foliage and eventually turn tan
<i>Elymus arenarius</i> 'Blue Dune'	Blue Dune blue lyme grass	4	36"/24"	sun	low to moist	n/a	Exceptionally beautiful steel-blue foliage, vigorous spreading grass, grow in container sunk into the ground, curbed island beds or plant as a large area groundcover grass
<i>Helictotrichon sempervirens</i>	Blue oat grass	4	18"/24"	sun	medium	July	clump forming grass with narrow, spikey, steel-blue leaves, resembles blue fescue grass but is significantly larger
<i>Molina cearulea</i> 'Variegata'	Variegated purple moor grass	4	18"/18"	sun	medium to moist	July	variegated yellowish-white striped leaves, flower spikes and foliage turn tan in fall, slow growing

COMDEV RECOMMENDED PLANT LIST - VINES

Native Vines Listed In Blue

Non-Native Vines Listed In Orange

Scientific Name	Common Name	USDA Hardiness Zone	Spread & Height	Exposure	Water Requirement	Flower Season	Other Characteristics/Notes
<b>Akebia quinata</b>	five-leaved akebia	4	8'/20'	sun	medium	June	twining, woody vine with small, fragrant, chocolate-purple flowers
<b>Celastrus scandens 'Bailumn'</b>	Autumn Revolution bittersweet	3	15'/20'	sun	medium	n/a	glossy green leaves on a twining vine, insignificant flowers are "perfect" (having both male and female parts), large, orange-red fruit is twice the size of the species
<b>Clematis ligusticifolia</b>	Western virgin's bower	4	15'/18'	sun	low to medium	July	strong, woody or semi-woody climber, small, creamy-white flowers in profusion followed by silky seed plumes
<b>C. v. 'Betty Corning'</b>	Betty Corning clematis	4	8'/8'	sun	medium	July-Sept	single, nodding, bell-shaped, pale lilac flowers with recurved tips, cut vines back to 12" above the ground in late winter
<b>C. v. 'Etirole Violette'</b>	Etirole Violette clematis	4	8'/8'	sun	medium	July-Sept	3"-4" deep purple flowers, cut vines back to 12" above the ground in late winter
<b>C. v. 'Kermesina'</b>	Kermesina clematis	4	8'/8'	sun	medium	July-Sept	2"-3" wine-red flowers, cut vines back to 12" above the ground in late winter
<b>C. v. 'Mme. Julia Correvon'</b>	Mme Julia Correvon clematis	4	8'/8'	sun	medium	July-Sept	showy, pinwheel shaped flowers of vibrant-red
<b>C. v. 'Polish Spirit'</b>	Polish Spirit clematis	4	8"/8'	sun	medium	July-Sept	2"-4" flowers of rich, velvety deep purple
<b>C. v. 'Royal Velours'</b>	Royal Velours clematis	4	8'/8'	sun	medium	July-Sept	flowers are red/crimson/purple
<b>C. v. 'Venosa Violacea'</b>	Venosa Violacea clematis	4	8'/8'	sun	medium	July-Sept	4" vivid violet flowers with a white stripe down the center of each petal
<b>Clematis large-flowered hybrids</b>	many cultivars available	varies	4'/6'	sun	medium	July	neither as hardy nor as disease resistant as the above cultivars
<b>Humulus lupulus ssp. Americanus</b>	Native hop vine	4	15'/20'	sun to filtered shade	dry to medium	n/a	twining, perennial vine with a vigorous growth habit, give it plenty of room, spreads by underground rhizomes
<b>H. l. 'Aureus'</b>	Golden hop vine	4		sun to filtered shade	dry to medium	n/a	deeply lobed, maple-like leaves of chartreuse green will twine around a climbing support, less vigorous than the species, foliage dies back in winter, coming back in the Spring
<b>Lonicera x brownii 'Dropmore Scarlet'</b>	Dropmore Scarlet honeysuckle vine	4	6'/10"	sun to filtered shade	medium	July-Aug	a twining, climbing honeysuckle vine with bright red-orange, tubular flowers attractive to hummingbirds
<b>Lonicera x 'Mandarin'</b>	Mandarin honeysuckle vine	4	6'/10'	sun to filtered shade	medium	July-Aug	a twining, climbing honeysuckle vine with tubular mango-orange flowers with a lighter orange interior
<b>Lonicera sempervirens 'John Clayton'</b>	John Clayton honeysuckle vine	4	6'/10'	sun to filtered shade	medium	July-Aug	long, tubular, pale yellow flowers
<b>L. s. 'Major Wheeler'</b>	Major Wheeler honeysuckle vine	4	6'/10'	sun to filtered shade	medium	July-Aug	a mass of bright, red-orange, thin, tubular flowers
<b>Lonicera reticulata 'Kintzley's Ghost'</b>	Kintzley's Ghost honeysuckle vine	4	6'/10'	sun to filtered shade	medium	July-Aug	round, blue-green leaves support yellow flowers, almost round flower bracts develop a heavy glaucous coating making them look like a galaxy of full moons covering the plant
<b>Polygonum aubertii</b>	Silver lace vine	4	10'/15'	sun to filtered shade	medium	Aug	very rapidly growing vine, will cling to any good support, masses of fragrant, white flowers in late Summer

**SUPPLIMENTARY NOTES**

*SOURCES OF COLORADO NATIVE PLANTS*

Chelsea Nursery 3347 G Road Clifton, CO 81520 970-434-8434 Stock: container	Pleasant Avenue Nursery 506 S. Pleasant Ave. Buena Vista, CO 81211 719-395-6955 Stock: container and seed	Southwest Seed 13260 County Road 29 Dolores, CO 81323 970-565-8722 <a href="http://www.southwestseed.com">www.southwestseed.com</a> Stock: seed	Arkansas Valley Seed Co. 4300 Monaco St. Denver, CO 80216 303-320-7500 <a href="http://www.avseeds.com">www.avseeds.com</a> Stock: seed
The Flower Bin 1850 Nelson Rd. Longmont, CO 80501 303-772-3454 <a href="http://www.theflowerbin.net">www.theflowerbin.net</a> Stock: container and seed	Ramshorn Native Plants PO Box 881810 Steamboat Springs, CO 80488 970-276-4448 Stock: container	Western Native Seed PO Box 188 Coaldale, CO 81222 719-942-3935 <a href="http://www.westernnativeseed.com">www.westernnativeseed.com</a> Stock: seed	
Fort Collins Wholesale Nursery 2224 No. Shields Street Fort Collins, CO 80524 <a href="http://www.fortcollinswholesalenursery.com">www.fortcollinswholesalenursery.com</a> Stock: container	Rocky Mountain Rare Plants 1706 Deerpath Rd. Franktown, CO 80116 303-688-6645 Stock: seed	Fossil Creek Nursery 7029 So. College Ave. Fort Collins, CO 80525 970-226-4924 <a href="http://www.fossilcreeknursery.com">www.fossilcreeknursery.com</a>	
Harlequin's Gardens 4795 N 25th St. Boulder, CO 80301 303-939-9403 <a href="http://www.harlequinsgardens.com">www.harlequinsgardens.com</a> Stock: container	Sharp Brothers Seed Co. 104 East 4th Street Greeley, CO 80631 970-356-4170 <a href="http://www.sharpseed.com">www.sharpseed.com</a> Stock: seed	The Tree Farm 11868 Mineral Rd. (Highway 52) Longmont, CO 80504 303-652-2961 <a href="http://www.thetreefarm.com">www.thetreefarm.com</a>	
Pawnee Buttes Seed Co. P.O. Box 100 605 25th Street Greeley, CO 80632 800-782-5947 970-356-7002 <a href="http://www.pawneebuttesseed.com">www.pawneebuttesseed.com</a> Stock: seed	Alameda Wholesale Nursery 1950 W. Dartmouth Ave. Englewood, CO 80110 303-761-6131 Stock: container	Littlevalley Wholesale Nursery 13022 E. 136th Ave Brighton, CO 80601 800-221-6708 <a href="mailto:www.lvwn@lvwn.com">www.lvwn@lvwn.com</a> Stock: container	



# FORESTRY

## Fire-Resistant Landscaping

no. 6.303

by F.C. Dennis<sup>1</sup>

### Quick Facts...

More people are moving into Colorado's rural areas, increasing the chances of wildfire.

"Defensible space" is the primary determinant of a structure's ability to survive wildfire.

Native species are generally the best plant materials for landscaping in defensible space, but others can be grown successfully in Colorado.

To be a FireWise homeowner, plan well, plant well and maintain well.

Colorado's population is growing, its urban areas are rapidly expanding, and people are building more homes in what was once natural forest and brushlands. Newcomers to rural areas need to know how to correctly landscape their property to reduce wildfire hazards.

Improper landscaping worries land managers and fire officials because it can greatly increase the risk of structure and property damage from wildfire. It is a question of *when*, not *if*, a wildfire will strike any particular area.

Vegetative clearance around the house (defensible space) is a primary determinant of a home's ability to survive wildfire. Defensible space is, simply, room for firefighters to do their job. If grasses, brush, trees and other common forest fuels are removed, reduced, or modified to lessen a fire's intensity and keep it away from the home, chances increase that the structure will survive. It is a little-known fact that in the absence of a defensible space, firefighters will often bypass a house, choosing to make their stand at a home where their safety is more assured and the chance to successfully protect the structure is greater.

### Landscaping Defensible Space

People often resist creating defensible space because they believe that it will be unattractive, unnatural and sterile-looking. It doesn't have to be! Wise landowners carefully plan landscaping within the defensible space. This effort yields a many-fold return of beauty, enjoyment and added property value. Development of defensible space is outlined in fact sheet 6.302, *Creating Wildfire-Defensible Zones*.

Colorado has great diversity in climate, geology and vegetation. Home and cabin sites can be found from the foothills through 10,000-foot elevations. Such extremes present a challenge in recommending plants. While native plant materials generally are best, a wide range of species can be grown successfully in Colorado.

Many plant species are suitable for landscaping in defensible space. Use restraint and common sense, and pay attention to plant arrangement and maintenance. It has often been said that *how* and *where* you plant are more important than *what* you plant. While this is indeed true, given a choice among plants, choose those that are more resistant to wildfire.

Consider the following factors when planning, designing and planting the FireWise landscape within your home's defensible space:

- Landscape according to the recommended defensible-space zones. That is, the plants near your home should be more widely spaced and lower growing than those farther away.
- Do not plant in large masses. Instead, plant in small, irregular clusters or islands.

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The best tree species to plant generally are those naturally occurring on or near the site.

Mow grass short around shrubs.

Plant low-growing, nonresinous shrubs near structures.

Keep grass mown around structures to a maximum of 8 inches.

Plant wildflowers near structures only if they are well-irrigated and cut back during the dormant season.

Gravel area or mow grass short next to the structure.

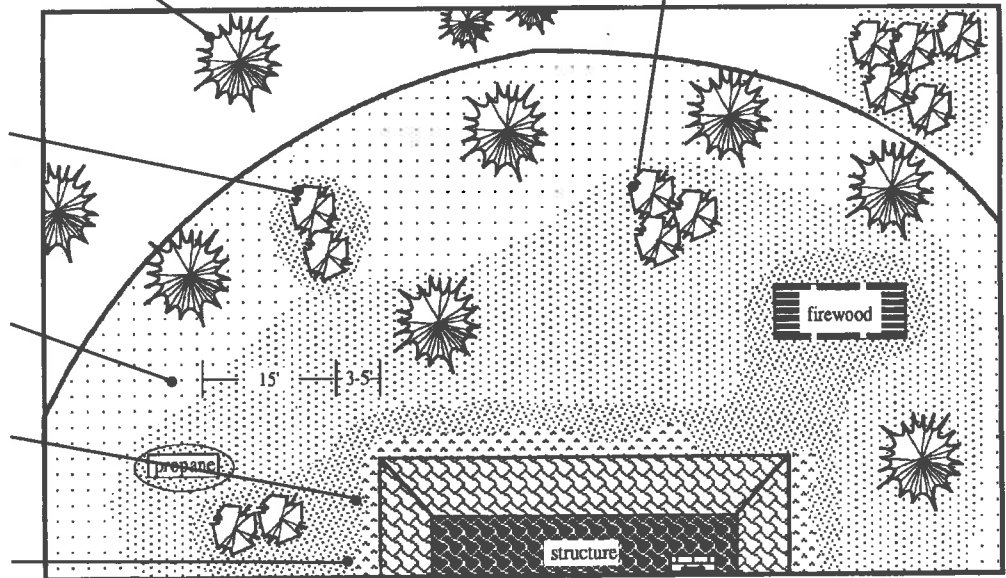


Figure 1: Forested property surrounding a homesite; shows optimum placement of vegetation near the structure.

- Use decorative rock, gravel and stepping stone pathways to break up the continuity of the vegetation and fuels. This can modify fire behavior and slow the spread of fire across your property.
- Incorporate a diversity of plant types and species in your landscape. Not only will this be visually satisfying, but it should help keep pests and diseases from causing problems within the whole landscape.
- In the event of drought and water rationing, prioritize plants to be saved. Provide available supplemental water to plants closest to your house.
- Use mulches to conserve moisture and reduce weed growth. Mulch can be organic or inorganic. Do not use pine bark, thick layers of pine needles or other mulches that readily carry fire.
- Be creative! Further vary your landscape by including bulbs, garden art and containers for added color.

## References

- 6.302, Creating Wild-Fire Defensible Zones
- 6.304, Forest Home Fire Safety
- 6.305, FireWise Plant Materials
- 6.306, Grass Seed Mixes to Reduce Wildfire Hazard
- 7.205, Pruning Evergreens
- 7.206, Pruning Shrubs
- 7.207, Pruning Deciduous Trees
- 7.233, Wildflowers for Colorado
- 7.406, Flowers for Mountain Communities
- 7.407, Shrubs for Mountain Communities
- 7.408, Trees for Mountain Communities
- 7.413, Ground Covers for Mountain Communities

## Grasses

During much of the year, grasses ignite easily and burn rapidly. Tall grass will quickly carry fire to your house. Mow grasses low in the inner zones of the defensible space. Keep them short closest to the house and gradually increase height outward from the house, to a maximum of 8 inches. This is particularly important during fall, winter and before green-up in early spring, when grasses are dry, dormant and in a “cured” fuel condition. Given Colorado’s extremely variable weather, wildfires can occur any time of the year. Maintenance of the grassy areas around your home is critical.

Mow grasses low around the garage, outbuildings, decks, firewood piles, propane tanks, shrubs, and specimen trees with low-growing branches.

## Ground Cover Plants

Replace bare, weedy or unsightly patches near your home with ground covers, rock gardens, vegetable gardens and mulches. Ground cover plants are a good alternative to grass for parts of your defensible space. They break up the monotony of grass and enhance the beauty of your landscape. They provide a



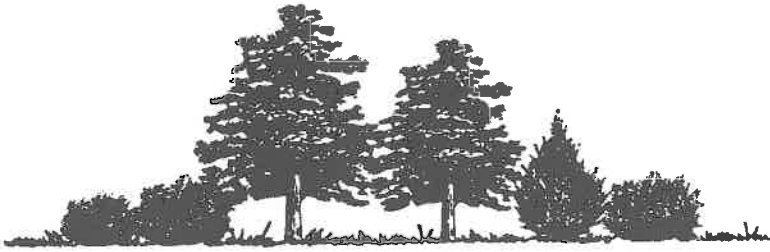


Figure 2: Ladder fuels enable fire to travel from the ground surface into shrubs and then into the tree canopy.

### **Structural Elements of a FireWise Landscape**

*When building a deck or patio, use concrete, flagstone or rock instead of wood. These materials do not burn and do not collect flammable debris like the space between planks in wooden decking.*

*Where appropriate on steeper ground, use retaining walls to reduce the steepness of the slope. This, in turn, reduces the rate of fire spread. Retaining walls also act as physical barriers to fire spread and help deflect heat from the fire upwards and away from structures.*

*Rock or masonry walls are best, but even wooden tie walls constructed of heavy timbers will work. Put out any fires burning on tie walls after the main fire front passes.*

*On steep slopes, consider building steps and walkways around structures. This makes access easier for home maintenance and enjoyment. It also serves as a physical barrier to fire spread and increases firefighters' speed and safety as they work to defend your home.*

variety of textures and color and help reduce soil erosion. Consider ground cover plants for areas where access for mowing or other maintenance is difficult, on steep slopes and on hot, dry exposures.

Ground cover plants are usually low growing. They are succulent or have other FireWise characteristics that make them useful, functional and attractive. When planted in beds surrounded by

walkways and paths, in raised beds or as part of a rock garden, they become an effective barrier to fire spread. The ideal groundcover plant is one which will spread, forming a dense mat of roots and foliage that reduces soil erosion and excludes weeds.

Mulch helps control erosion, conserve moisture and reduce weed growth. It can be organic (compost, leaf mold, bark chips, shredded leaves) or it can be inorganic (gravel, rock, decomposing granite).

When using organic mulches, use just enough to reduce weed and grass growth. Avoid thick layers. When exposed to fire, they tend to smolder and are difficult to extinguish. Likewise, while your property might yield an abundance of needles from your native pines or other conifers, don't use them as mulch because they can readily catch and spread wildfire. Rake, gather and dispose of them often within your defensible space.

### **Wildflowers**

Wildflowers bring variety to a landscape and provide color from May until frost. Wildflower beds give a softer, more natural appearance to the otherwise manicured look often resulting from defensible space development.

A concern with wildflowers is the tall, dense areas of available fuel they can form, especially in dormancy. To reduce fire hazard, plant wildflowers in widely separated beds within the defensible space. Do not plant them next to structures unless the beds are frequently watered and weeded and vegetation is promptly removed after the first hard frost. Use gravel walkways, rock retaining walls or irrigated grass areas mowed to a low height to isolate wildflower beds from each other and from other fuels.

### **Shrubs**

Shrubs lend color and variety to the landscape and provide cover and food for wildlife. However, shrubs concern fire professionals because, as the next level in the "fuel continuum," they can add significantly to total fuel loading. Because of the woody material in their stems and branches, they are a potential source of fire brands. When carried in the smoke column ahead of the main fire, fire brands can rapidly spread the fire in a phenomenon known as "spotting."

But the primary concern with shrubs is that they are a "ladder fuel" – they can carry a relatively easy-to-control surface grass fire into tree crowns. Crown fires are difficult, sometimes impossible, to control (see Figure 2).

To reduce the fire-spreading potential of shrubs, plant only widely separated, low-growing, nonresinous varieties close to structures. Do not plant them directly beneath windows or vents or where they might spread under wooden decks. Do not plant shrubs under tree crowns or use them to screen propane tanks, firewood piles or other flammable materials. Plant shrubs individually, as specimens, or in small clumps apart from each other and away from any trees within the defensible space.

Mow grasses low around shrubs. Prune dead stems from shrubs annually. Remove the lower branches and suckers from species such as Gambel oak to raise the canopy away from possible surface fires.



FIREWISE is a multi-agency program that encourages the development of defensible space and the prevention of catastrophic wildfire.

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This fact sheet was produced in cooperation with the Colorado State Forest Service.

<sup>1</sup> Wildfire Hazard Mitigation Coordinator, Colorado State Forest Service.

## Trees

Trees provide a large amount of available fuel for a fire and can be a significant source of fire brands if they do burn. Radiant heat from burning trees can ignite nearby shrubs, trees and structures.

Colorado's elevation and temperature extremes limit tree selection. The best species to plant generally are those already growing on or near the site. Others may be planted with careful selection and common sense.

If your site receives enough moisture to grow them, plant deciduous trees such as aspen or narrow-leaf cottonwood. These species, even when planted in dense clumps, generally do not burn well, if at all. The greatest problem with these trees is the accumulation of dead leaves in the fall. Remove accumulations close to structures as soon as possible after leaf drop.

When site or available moisture limits recommended species to evergreens, carefully plan their placement. Do not plant trees near structures. Leave plenty of room between trees to allow for their growth. Spacing within the defensible space should be at least 10 feet between the edges of tree crowns. On steep ground, allow even more space between crowns. Plant smaller trees initially on a 20- to 25-foot spacing to allow for tree growth. At some point, you will have to thin your trees to retain proper spacing.

As the trees grow, prune branches to a height of 10 feet above the ground. Do not overprune the crowns. A good rule of thumb is to remove no more than one-third of the live crown of the tree when pruning. Prune existing trees as well as ones you planted.

Some trees (for example, Colorado blue spruce) tend to keep a full crown. Other trees grown in the open may also exhibit a full growth habit. Limit the number of trees of this type within the defensible space. Prune others as described above and mow grasses around such specimen trees.

## Maintenance

A landscape is a dynamic system that constantly grows and changes. Plants considered fire resistant and that have low fuel volumes can lose these characteristics over time. Your landscape, and the plants in it, must be maintained to retain their FireWise properties.

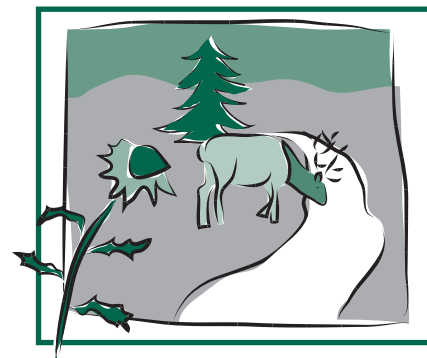
- Always keep a watchful eye towards reducing the fuel volumes available to fire. Be aware of the growth habits of the plants within your landscape and of the changes that occur throughout the seasons.
- Remove annuals and perennials after they have gone to seed or when the stems become overly dry.
- Rake up leaves and other litter as it builds up through the season.
- Mow or trim grasses to a low height within your defensible space. This is particularly important as grasses cure.
- Remove plant parts damaged by snow, wind, frost or other agents.
- Timely pruning is critical. Pruning not only reduces fuel volumes but also maintains healthier plants by producing more vigorous, succulent growth.
- Landscape maintenance is a critical part of your home's defense system. Even the best defensible space can be compromised through lack of maintenance. The old adage "An ounce of prevention is worth a pound of cure" applies here.

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Milan A. Rewerts, Director of Cooperative Extension, Colorado State University, Fort Collins, Colorado. Cooperative Extension programs are available to all without discrimination. No endorsement of products mentioned is intended nor criticism implied of products not mentioned.

# FireWise Plant Materials

Fact Sheet No. 6.305

Natural Resources Series | Forestry



by F.C. Dennis\*

Creating a “defensible space” around your home is one of the most important and effective steps you can take to protect you, your family and your home from catastrophic wildfire. Defensible space is the area between a structure and an oncoming wildfire where nearby vegetation has been modified to reduce a wildfire’s intensity. (See fact sheet 6.302, *Creating Wildfire-Defensible Zones.*)

Many people resist creating defensible space around their homes because they believe these areas will be unattractive and unnatural. This is far from true. With careful planning, FireWise landscaping can be aesthetically pleasing while reducing potential wildfire fuel. It can actually enhance beauty and property values, as well as personal safety.

Many native plants are highly flammable during different seasons of the year. At such times, left unmanaged, they can accelerate the spread of a wildfire through your neighborhood, threatening homes, property and lives.

All vegetation, naturally occurring and otherwise, is potential fuel for fire. Its type, amount and arrangement has a dramatic effect on fire behavior. There are no truly “fireproof” plant species, so plant choice, spacing and maintenance are critical to defensible space landscaping. In fact, **where** and **how** you plant may be more important than **what** you plant. However, given alternatives, choose plant species that tend to be more resistant to wildfire.

General concepts to keep in mind when choosing and planting FireWise species are:

- A plant’s moisture content is the single most important factor governing its volatility. (However, *resin* content and other factors in some species render them flammable even when the plant is well-watered.) Conifers tend to be flammable due to their oil and pitch content, regardless of their water content.

- Deciduous plants tend to be more fire resistant because their leaves have higher moisture content and their basic chemistry is less flammable. Also, when deciduous trees are dormant, there is less fuel to carry fire through their canopies.

In some cases, there is a strong correlation between drought tolerance and fire resistance. For example, a plant may shed its leaves or needles during extreme drought. Other drought-tolerant species may have smaller leaves or thick, succulent leaves. These plants offer less fuel or have a higher moisture content, both of which help reduce fire hazard.

There also appears to be a correlation between a plant’s salt tolerance and natural fire resistance. Plants adapted to salty conditions, and actually growing in salty situations, may better resist burning.

## Plants for a FireWise Landscape

Plants that are more resistant to wildfire have one or more of the following characteristics:

- They grow without accumulating large amounts of combustible dead branches, needles or leaves (example: aspen).
- They have open, loose branches with a low volume of total vegetation (examples: currant and mountain mahogany).
- They have low sap or resin content (examples: many deciduous species).
- They have high moisture content (examples: succulents and some herbaceous species).
- They grow slowly and need little maintenance (do not need frequent pruning).
- They are short and grow close to the ground (examples: wildflowers and groundcovers).
- They can resprout following fire, thus reducing relandscaping costs (example: aspen).

## Quick Facts

- FireWise landscaping can be aesthetically pleasing while reducing potential wildfire fuel.
- Plant choice, spacing and maintenance are critical.
- Your landscape, and the plants in it, must be maintained to retain their FireWise properties.

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\*Staff Forester (retired), Colorado State Forest Service 1/2012

## FireWise Plant List

The following list was prepared by Phil Hoefer (retired) Colorado State Forest Service. It was reviewed by Jim Knopf, a landscape architect in Boulder, and two landscape architects on Colorado's Western Slope. Bloom time is approximate (observed in Boulder at 5,600 feet).

Key: Water needs: VL = very low L = low M = medium H = high  
 Sun/Shade: S = sun PS = part sun Sh = shade  
 Elevation: Y = Yes N = No ? = Questionable or unknown

Scientific Name	Common Name	Approx.	Approx.	Elevation					Approx.	
		Water Needs	Sun/Shade Preference	Mature Height	(1,000 ft.)	5	6	7	8	9
<b>Flowers and Ground Covers</b>										
<i>Achillea lanulosa</i> <sup>a</sup>	Native yarrow	L-H	S/PS	1.5 - 2'	Y	Y	Y	Y	Y	Jul
<i>Achillea tomentosa</i> <sup>b</sup>	Woolly yarrow	M-H	S/PS	.5'	Y	Y	N	N	N	Jul
<i>Aconitum</i> spp. <sup>c</sup>	Monkshood	M-H	S	2'	Y	Y	Y	Y	Y	Jun-Jul
<i>Aconitum columbianum</i> <sup>ac</sup>	Columbian monkshood	M-H	S	2'	Y	Y	Y	Y	Y	Jun-Jul
<i>Ajuga reptans</i> <sup>b</sup>	Bugleweed	H	Sh	< .5'	Y	Y	Y	Y	Y	Jun-Jul
<i>Alchemilla</i> sp.	Lady's mantle	M-H	PS/Sh	1'	Y	Y	Y	Y	?	Jun-Jul
<i>Allium cernuum</i> <sup>ac</sup>	Nodding onion	L-H	S/PS	1'	Y	Y	Y	Y	Y	Jun
<i>Allium geyeri</i> <sup>ac</sup>	Geyer onion	L-H	S/PS	1'	Y	Y	Y	Y	?	Jun
<i>Anaphalis margaritacea</i> <sup>a</sup>	Pearly everlasting	L-H	S	1.5 - 2.5'	Y	Y	Y	Y	?	Aug
<i>Anemone blanda</i>	Windflower	M-H	S/PS	1'	Y	Y	Y	Y	?	Apr-May
<i>Antennaria parvifolia</i> <sup>ab</sup>	Small-leaf pussytoes	M	S/PS	< .5'	Y	Y	Y	Y	Y	Jun
<i>Antennaria rosea</i> <sup>ab</sup>	Rosy pussytoes	M	S/PS	< .5'	Y	Y	Y	Y	Y	Jun
<i>Aquilegia</i> spp.	Columbine	M-H	S/PS	1 - 2'	Y	Y	Y	Y	Y	Jun-Jul
<i>Aquilegia coerulea</i> <sup>a</sup>	Colorado blue columbine	M-H	S/PS	1 - 2'	Y	Y	Y	Y	Y	Jun-Jul
<i>Aquilegia chrysantha</i> <sup>a</sup>	Yellow columbine	M-H	S/PS	1 - 2'	Y	Y	Y	Y	Y	Jun-Aug
<i>Arabis</i> sp. <sup>b</sup>	Rockcress	L-H	S	< 1'	Y	Y	Y	Y	Y	May-Jun
<i>Armeria maritima</i>	Sea thrift	L-H	S/PS	.5'	Y	Y	Y	Y	Y	Apr-Jun
<i>Artemisia caucasica</i>	Caucasian sage	L-M	S/PS	1 - 2'	Y	Y	Y	?	?	n/a
<i>Artemisia frigida</i> <sup>ac</sup>	Fringed sage	L-M	S	1 - 1.5'	Y	Y	Y	Y	Y	n/a
<i>Artemisia ludoviciana</i> <sup>a</sup>	Prairie sage	L-M	S	1 - 1.5'	Y	Y	Y	?	?	n/a
<i>Aster laevis</i> <sup>a</sup>	Smooth aster	L-H	S/PS	1 - 3'	Y	Y	Y	Y	?	Aug-Sep
<i>Aster porteri</i> <sup>a</sup>	Porter aster	L-M	S	1'	Y	Y	Y	?	?	Aug-Sep
<i>Aubrieta</i> sp. <sup>b</sup>	False rockcress	M	S	1'	Y	Y	Y	Y	Y	Apr-May
<i>Aurinia</i> sp. <sup>b</sup>	Basket of gold	M	S/PS	1'	Y	Y	Y	Y	Y	Apr-May
<i>Calochortus gunnisonii</i> <sup>a</sup>	Mariposa lily	M-H	S	.5 - 2'	Y	Y	Y	Y	?	Jul-Aug
<i>Campanula rotundifolia</i> <sup>a</sup>	Common harebell	M-H	S	.5 - 1'	Y	Y	Y	Y	Y	May-Oct
<i>Centranthus ruber</i>	Jupiter's beard	L-H	S/Sh	2 - 2.5'	Y	Y	Y	Y	?	May-Oct
<i>Cerastium strictum</i> <sup>ab</sup>	Mouse ear chickweed	M	S/PS	1'	Y	Y	Y	Y	?	May-Jun
<i>Cerastium tomentosum</i> <sup>b</sup>	Snow-in-summer	L-M	S/PS	1'	Y	Y	Y	Y	Y	May-Jun
<i>Claytonia lanceolata</i> <sup>a</sup>	Spring beauty	M	Sh	.5 - 1.5'	Y	Y	Y	?	?	Mar-Apr
<i>Convallaria majalis</i> <sup>bc</sup>	Lily-of-the-valley	H	Sh	< 1'	Y	Y	Y	Y	?	May-Jun
<i>Delosperma nubigenum</i> <sup>b</sup>	Hardy yellow iceplant	M-H	S	.5'	Y	Y	Y	?	?	Jun
<i>Delphinium</i> spp. <sup>c</sup>	Delphinium	M-H	S/PS	.5 - 3'+	Y	Y	Y	Y	Y	Jun-Jul
<i>Dianthus</i> spp.	Pinks	L-H	S	< .5' - 2'	Y	Y	Y	Y	Y	May-Aug
<i>Doronicum</i> sp.	Leopard's bane	H	S/PS	2 - 3'	Y	Y	Y	Y	?	Jul-Aug
<i>Echinacea purpurea</i> <sup>a</sup>	Purple coneflower	M	S	2 - 3'	Y	Y	Y	Y	Y	Jul-Aug
<i>Epilobium angustifolium</i>	Fireweed	H	S/PS	3'	N	Y	Y	Y	Y	Jul-Aug
<i>Erigeron flagellaris</i> <sup>a</sup>	Whiplash daisy, trailing fleabane	L-M	S	< 1'	Y	Y	?	?	?	Jun-Jul
<i>Eriogonum umbellatum</i> <sup>a</sup>	Sulphur flower	M	S/PS	< .5'	Y	Y	Y	Y	Y	Jun-Jul
<i>Erysimum asperum</i> <sup>a</sup>	Western wallflower	M	S/PS	1'+	Y	Y	Y	Y	?	Jun-Jul
<i>Gaillardia aristata</i> <sup>a</sup>	Blanket flower	L-M	S	1 - 1.5'	Y	Y	Y	Y	Y	Jul-Sep
<i>Galium boreale</i> <sup>ab</sup>	Northern bedstraw	M-H	Sh	< 1'	Y	Y	Y	Y	Y	May-Jun
<i>Geranium</i> spp.	Hardy geraniums	M	Sh/PS	2'	Y	Y	Y	Y	Y	May-Oct
<i>Geranium caespitosum</i> <sup>a</sup>	Wild geranium	M	Sh/PS	2'	Y	Y	Y	Y	Y	May-Oct
<i>Geum triflorum</i>	Prairie smoke	M-H	S/PS	1.5'	Y	Y	Y	?	?	Jun
<i>Helianthella</i>	Aspen sunflower	M	S	1'	?	?	?	Y	Y	?
<i>quinquenervis</i> <sup>a</sup>										
<i>Helianthemum nummularium</i>	Rockrose	M-H	S	< 1'	Y	Y	Y	?	?	May-Jun
<i>Helianthus pumilus</i> <sup>a</sup>	Small sunflower	M	S	1 - 2'	Y	Y	Y	?	?	Jun-Jul
<i>Heuchera</i> spp.	Coral bells	M-H	PS/Sh	1 - 2'	Y	Y	Y	Y	Y	Jun-Aug
<i>Ipomopsis aggregata</i> <sup>a</sup>	Scarlet gilia	M	S/PS	1 - 2'	Y	Y	Y	Y	Y	Jun-Aug

Scientific Name	Common Name	Approx. Water Needs	Sun/Shade Preference	Approx. Mature Height	Elevation (1,000 ft.)					Approx. Bloom Month
					5	6	7	8	9	
<i>Iris germanica</i>	Bearded iris	L-M	S	1 - 3'	Y	Y	Y	Y	Y	May-Jun
<i>Iris missouriensis</i> <sup>ac</sup>	Missouri iris	M-H	S	1 - 2'	Y	Y	Y	Y	Y	May
<i>Lamium</i> sp. <sup>b</sup>	Dead nettle	M-H	Sh	< 1'	Y	Y	Y	Y	?	May-Jun
<i>Lavandula</i> spp.	Lavender	L-M	S	1 - 2'	Y	Y	Y	?	?	Jun-Nov
<i>Leucocrinum montanum</i> <sup>a</sup>	Sand lily	L-M	S	< 1'	Y	Y	Y	?	?	May
<i>Liatis punctata</i> <sup>a</sup>	Dotted gayfeather	VL-L	S	1 - 2'	Y	Y	Y	Y	Y	Aug-Oct
<i>Linum lewisii</i> <sup>ac</sup>	Wild blue flax	L-H	S/PS	1 - 2'	Y	Y	Y	Y	Y	May-Sep
<i>Lupinus argenteus</i> <sup>ac</sup>	Silver lupine	M	Sh/PS	1 - 3'	Y	Y	Y	Y	Y	Jun-Jul
<i>Mertensia lanceolata</i> <sup>a</sup>	Narrow-leaved chiming bells	M-H	Sh/PS	1 - 2'	Y	Y	Y	Y	Y	May-Jun
<i>Mimulus guttatus</i> <sup>a</sup>	Yellow monkey-flower	H	Sh	1'	?	Y	Y	Y	Y	?
<i>Monarda fistulosa</i> <sup>a</sup>	Native beebalm	M-H	S/PS	1 - 2'	Y	Y	Y	Y	Y	Jul-Oct
<i>Oenothera caespitosa</i> <sup>a</sup>	White stemless evening primrose	L-M	S	1 - 2'	Y	Y	Y	Y	Y	Jun-Aug
<i>Papaver orientale</i>	Oriental poppy	H	S/Sh	2 - 3'	Y	Y	Y	Y	Y	May-Jun
<i>Penstemon caespitosus</i> <sup>ab</sup>	Mat penstemon	L-M	S	< .5'	Y	Y	Y	Y	Y	Jun
<i>Penstemon secundiflorus</i>	Sidebells	L-M	S	1 - 2'	Y	Y	Y	Y	?	May-Jun
<i>Penstemon teucrioides</i> <sup>a</sup>	Germander penstemon	L-M	S	.5'	Y	Y	Y	?	?	Jun-Jul
<i>Penstemon virens</i> <sup>ac</sup>	Blue mist penstemon	M	S/PS	.5'	Y	Y	Y	Y	Y	May-Jun
<i>Phlox subulata</i>	Moss phlox	M	S	< .5'	Y	Y	Y	Y	Y	May
<i>Polemonium</i> sp.	Jacob's ladder	H	S/PS	1 - 2'	Y	Y	Y	Y	Y	May-Aug
<i>Potentilla fissa</i> <sup>a</sup>	Leafy potentilla	M-H	PS	1'	Y	Y	Y	Y	?	?
<i>Potentilla verna</i> <sup>b</sup>	Spring potentilla	M-H	PS	< .5'	Y	Y	Y	Y	Y	Mar-May
<i>Pulsatilla patens</i> <sup>a</sup>	Pasque flower	M	S/PS	1'	Y	Y	Y	Y	Y	Mar-May
<i>Ratibida columnifera</i> <sup>a</sup>	Prairie coneflower	L-M	S	2'	Y	Y	Y	Y	Y	Jul-Sep
<i>Rudbeckia hirta</i> <sup>a</sup>	Black-eyed Susan	M-H	S	2 - 3'	Y	Y	Y	Y	Y	Jul-Sep
<i>Salvia officinalis</i>	Cooking sage	L-M	S/PS	2'	Y	Y	Y	Y	?	Jun
<i>Saxifraga hirsuta</i>	Saxifrage	H	S/PS	.5'+	Y	Y	Y	Y	Y	May-Jun
<i>Scutellaria brittonii</i> <sup>a</sup>	Skullcap	M	S/PS	.5 - 1'	Y	Y	Y	Y	?	Aug-Sep
<i>Sedum</i> spp. <sup>b</sup>	Stonecrop	M	S/PS	1 - 1.5'	Y	Y	Y	Y	Y	Jul-Aug
<i>Sedum lanceolatum</i> <sup>a</sup>	Yellow stonecrop	M	S/PS	.5'	Y	Y	Y	Y	Y	Jul-Aug
<i>Sempervivum</i> sp.	Hens and chicks	L-M	S/PS	.5'	Y	Y	Y	Y	Y	n/a
<i>Senecio spartioides</i> <sup>ac</sup>	Broom groundsel	VL-L	S	2 - 3'	Y	Y	?	?	?	Sep-Oct
<i>Solidago missouriensis</i> <sup>a</sup>	Smooth goldenrod	L-M	S	1 - 2'	Y	Y	Y	Y	?	Jul-Aug
<i>Thalictrum fendleri</i> <sup>a</sup>	Fendler meadowrue	H	S/PS	2 - 3'	?	?	Y	Y	Y	Jul-Aug
<i>Thermopsis divaricarpa</i> <sup>a</sup>	Spreading golden banner	M-H	S/PS	2'	Y	Y	Y	Y	?	May
<i>Tradescantia occidentalis</i> <sup>a</sup>	Western spiderwort	M	S/PS	1.5'	Y	Y	Y	Y	?	Jun-Aug
<i>Thymus</i> spp. <sup>b</sup>	Thyme	L-M	S	< .5'	Y	Y	Y	Y	Y	Jun-Jul
<i>Veronica pectinata</i>	Speedwell	L-M	S	< .5'	Y	Y	Y	Y	Y	Apr-Jul
<i>Vinca minor</i> <sup>b</sup>	Periwinkle, myrtle	H	Sh	< 1'	Y	Y	Y	Y	?	Apr-Jun
<i>Waldsteinia</i> sp. <sup>b</sup>	Barren strawberry	M-H	Sh/PS	< 1'	Y	Y	Y	Y	?	May-Jun

#### Shrubs

<i>Arctostaphylos nevadensis</i> <sup>ab</sup>	Pinemat manzanita	M	S/PS	1 - 2'	Y	Y	Y	N	N	n/a
<i>Arctostaphylos patula</i> <sup>a</sup>	Greenleaf manzanita	M	S/PS	3 - 4'	Y	Y	Y	N	N	n/a
<i>Arctostaphylos uva-ursi</i> <sup>ab</sup>	Kinnikinnick, bearberry	M	S/Sh	1'	Y	Y	Y	Y	Y	n/a
<i>Betula glandulosa</i> <sup>a</sup>	Bog birch	H	S/PS	6 - 8'	Y	Y	Y	Y	Y	n/a
<i>Calluna</i> sp.	Heather	H	S/PS	2'	Y	Y	Y	?	?	Jul-Aug
<i>Ceanothus fendleri</i> <sup>a</sup>	Buckbrush, mountain lilac	M	S	2'	Y	Y	Y	?	?	Jul
<i>Cercocarpus intricatus</i> <sup>a</sup>	Little-leaf mountain mahogany	VL-L	S	4 - 6'	Y	Y	Y	Y	?	n/a
<i>Cercocarpus montanus</i> <sup>ac</sup>	True mountain mahogany	L-M	S	4 - 6'	Y	Y	Y	Y	?	n/a
<i>Chrysothamnus</i> spp. <sup>a</sup>	Rabbitbrush	VL-L	S	2 - 6'	Y	Y	Y	Y	Y	Jul-Aug
<i>Cornus stolonifera</i> <sup>a</sup>	Redtwig dogwood	H	S/Sh	4 - 6'	Y	Y	Y	Y	Y	n/a
<i>Cotoneaster horizontalis</i>	Spreading cotoneaster	M	S/PS	2 - 3'	Y	Y	Y	Y	?	May-Jun
<i>Daphne burkwoodii</i>	Burkwood daphne	M	S/PS	2 - 3'	Y	Y	Y	?	?	Apr-Jun
<i>Erica</i> sp.	Heath	H	S/PS	1'	Y	Y	Y	?	?	Jan-Mar
<i>Euonymus alatus</i>	Burning bush euonymus	M	S/Sh	1 - 6'	Y	Y	Y	?	?	n/a

Scientific Name	Common Name	Approx. Water Needs	Sun/Shade Preference	Approx. Mature Height	Elevation (1,000 ft.)					Approx. Bloom Month
					5	6	7	8	9	
<i>Fallugia paradoxa</i> <sup>a</sup>	Apache plume	VL-L	S	2 - 4'	Y	Y	Y	Y	Y	Jun-Oct
<i>Holodiscus dumosus</i> <sup>a</sup>	Ocean spray, cliff/rock spirea	L-M	S/PS	4'	Y	Y	Y	Y	Y	Jun
<i>Jamesia americana</i> <sup>a</sup>	Wax flower	M-H	S/Sh	2 - 6'	Y	Y	Y	Y	Y	Jun
<i>Lonicera tatarica</i>	Tatarian honeysuckle	M	S/PS	4 - 6'	Y	Y	Y	Y	Y	May-Jun
<i>Mahonia aquifolium</i>	Oregon grape holly	M-H	S/Sh	4 - 6'	Y	Y	Y	?	?	May-Jun
<i>Mahonia repens</i> ab	Creeping grape holly	L-H	S/Sh	1 - 2'	Y	Y	Y	Y	Y	Mar-May
<i>Philadelphus microphyllus</i> <sup>a</sup>	Little-leaf mockorange	M	S	2 - 3'	Y	Y	Y	Y	?	Jun
<i>Physocarpus monogynus</i> <sup>a</sup>	Mountain ninebark	M	S/Sh	2 - 4v	Y	Y	Y	Y	Y	Jun
<i>Potentilla fruticosa</i> <sup>a</sup>	Shrubby cinquefoil	M	S/PS	2 - 3'	Y	Y	Y	Y	Y	May-Sep
<i>Prunus besseyi</i> <sup>a</sup>	Western sand cherry	L-M	S	1 - 3'	Y	Y	Y	Y	?	May
<i>Purshia tridentata</i> <sup>a</sup>	Antelope bitterbrush	L-M	S	1 - 2'	Y	Y	Y	?	?	Jun-Aug
<i>Ribes aureum</i> <sup>a</sup>	Golden currant	M	S/PS	2 - 3'	Y	Y	Y	Y	Y	Apr-May
<i>Rosa woodsii</i> <sup>a</sup>	Woods' or native wild rose	M	S/PS	2 - 3'	Y	Y	Y	Y	Y	Jun-Jul
<i>Shepherdia canadensis</i> <sup>d</sup>	Russet buffaloberry	M-H	S	5 - 6'	Y	Y	Y	Y	Y	n/a
<i>Symphoricarpos</i> spp. <sup>d</sup>	Snowberry, coralberry	M	S/PS	2 - 3'	Y	Y	Y	Y	Y	n/a
<i>Viburnum edule</i> <sup>a</sup>	Highbush cranberry	H	S	6 - 8'	Y	Y	Y	Y	Y	May-Jun
<i>Yucca baccata</i> <sup>a</sup>	Banana or broad-leaf yucca	VL-L	S/PS	2 - 3'	Y	Y	Y	N	N	Jun
<i>Yucca filamentosa</i>	Adam's needle	M	S/PS	2 - 3'	Y	Y	Y	N	N	Jun
<i>Yucca glauca</i> <sup>a</sup>	Spanish bayonet, small soapweed, Great Plains yucca	VL-L	S/PS	2 - 3'	Y	Y	Y	Y	?	Jun

#### Large Shrubs and Trees

<i>Acer ginnala</i>	Ginnala maple	M-H	S	6 - 10'	Y	Y	Y	Y	Y	n/a
<i>Acer glabrum</i> <sup>a</sup>	Rocky Mountain maple	M-H	S/Sh	6 - 10'	Y	Y	Y	Y	Y	n/a
<i>Acer grandidentatum</i> <sup>a</sup>	Wasatch maple	M	S/PS	10 - 20'	Y	Y	Y	Y	?	n/a
<i>Alnus tenuifolia</i> <sup>a</sup>	Thinleaf alder	H	S/PS	6 - 8'	Y	Y	Y	Y	Y	Apr
<i>Amelanchier alnifolia</i> <sup>ac</sup>	Saskatoon alder-leaf serviceberry	M	S/PS	6 - 8'	Y	Y	Y	Y	Y	Apr-May
<i>Amelanchier utahensis</i> <sup>a</sup>	Utah serviceberry	VL-M	S	4 - 6'	Y	Y	N	N	N	May
<i>Betula fontinalis</i> <sup>a</sup>	River birch	H	S/PS	6 - 8'	Y	Y	Y	Y	?	n/a
<i>Cercocarpus ledifolius</i> <sup>a</sup>	Mountain mahogany	VL-L	S	6 - 15'	Y	Y	?	N	N	n/a
<i>Corylus cornuta</i> <sup>a</sup>	Filbert, beaked hazelnut	H	S/Sh	5 - 6'	Y	Y	Y	?	?	n/a
<i>Crataegus</i> spp. <sup>a</sup>	Hawthorn (several native)	M	S	6 - 8'	Y	Y	Y	Y	?	May
<i>Fraxinus pennsylvanica</i>	Green ash	M-H	S	20 - 25'	Y	Y	Y	Y	?	n/a
<i>Gleditsia triacanthos</i>	Honeylocust	M-H	S	60 - 70'	Y	Y	N	N	N	May
<i>Malus</i> sp.	Crabapple	M	S	10 - 15'	Y	Y	Y	Y	N	Apr-May
<i>Physocarpus opulifolius</i> <sup>a</sup>	Tall ninebark	M	S/PS	4 - 6'	Y	Y	Y	?	N	May
<i>Populus tremuloides</i> <sup>a</sup>	Aspen	M	S	8 - 25'	Y	Y	Y	Y	Y	n/a
<i>Prunus americana</i> <sup>a</sup>	American wild plum	M	S/PS	4 - 6'	Y	Y	Y	Y	N	Apr
<i>Prunus cerasifera</i> <sup>c</sup>	Flowering plum	M	S/PS	8 - 10'	Y	Y	Y	?	N	Apr
<i>Prunus pensylvanica</i> <sup>ac</sup>	Pin/fire/wild/red cherry	M	S/PS	6 - 8'	Y	Y	Y	?	N	May
<i>Prunus virginiana melanocarpa</i> <sup>ac</sup>	Western chokecherry	M-H	S/PS	6 - 8'	Y	Y	Y	Y	Y	Apr-May
<i>Rubus deliciosus</i> <sup>a</sup>	Boulder raspberry, thimbleberry	M	S/Sh	4 - 6'	Y	Y	Y	Y	Y	Apr-May
<i>Salix amygdaloides</i> <sup>a</sup>	Peachleaf willow	H	S/PS	20 - 30'	Y	Y	Y	Y	?	n/a
<i>Shepherdia argentea</i> <sup>a</sup>	Silver buffaloberry	M	S/PS	4 - 6'	Y	Y	Y	Y	?	Apr
<i>Sorbus scopulina</i> <sup>a</sup>	Western mountain ash	M-H	S/Sh	6 - 8'	Y	Y	Y	Y	?	May
<i>Syringa vulgaris</i>	Common lilac	M	S	6 - 8'	Y	Y	Y	Y	Y	May

<sup>a</sup> Native species.

<sup>b</sup> Ground cover plant.

<sup>c</sup> This species, or some species in this genus, may be poisonous to livestock, pets, wildlife and/or people under some conditions. Before planting, check with Colorado State University Extension, Colorado State Forest Service, or other knowledgeable personnel.

<sup>d</sup> Several species of *symphoricarpos* are native.

## Additional FireWise Guidelines

Some additional tips to follow when planning a FireWise landscape include:

- Landscape according to the recommended defensible-space zones. The plants nearest your home should be more widely spaced and smaller than those farther away.
- Plant in small, irregular clusters and islands, not in large masses.
- Break up the continuity of the vegetation (fuel) with decorative rock, gravel and stepping stone pathways. This will help modify fire behavior and slow its spread across your property.
- Plant a variety of types and species. Besides being aesthetically pleasing, this will help ensure a healthier forest by reducing insects and diseases. Healthy, vigorous, thinned forests can better resist catastrophic fires than unhealthy ones with insect and disease problems.
- In the event of drought and water rationing, prioritize the plants you wish to save. Provide supplemental water to those nearest your home, perhaps using “gray water.”
- Mulch to conserve moisture and reduce weed growth. Mulch can be organic (wood chips or small bark pieces) or inorganic (gravel or rock). Avoid pine

### Conifers

In Colorado, conifers make up much of our natural forest. Because of their high resin content, they are more susceptible to fire.

Even though conifers are flammable, you do not need to remove all of them from around your home. Wildfire hazards usually can be effectively reduced through proper thinning and pruning of existing trees and shrubs.

When choosing conifers for your defensible space, consider those with characteristics that make them better able to survive fire:

- thick bark,
- long needles, or
- self-pruning. (Self-pruning trees lose lower branches naturally, leaving a greater distance between ground and canopy.)

bark, thick layers of pine needles or other materials that can easily carry fire.

## Don't Forget Maintenance

A landscape is a dynamic, constantly changing system. Plants considered “fire resistant” and that have low fuel volumes can lose these characteristics over time. Your landscape, and the plants in it, must be maintained to retain their FireWise properties.

Be aware of the growth habits of the plants on your land and of the changes that occur seasonally. Keep a watchful eye for the need to reduce fuel volumes and fuel continuity.

- Remove annual, herbaceous plants after they have gone to seed or when the stems become overly dry.
- Rake up and dispose of litter as it builds up over the season.
- Mow or trim grasses to a low height within your defensible space. This is especially important as they begin to cure and dry.
- Remove plant parts damaged by snow, wind, frost or other agents.
- Timely pruning is critical. It not only reduces fuel volume but also maintains healthier plants with more succulent, vigorous growth.

## Additional FireWise Publications

### Colorado State University Extension

The following publications are available from the University Resource Center, Colorado State University, 115 General Services Bldg., Fort Collins, CO 80523-4061; (970) 491-6198; [ccs\\_resourcecenter@mail.colostate.edu](mailto:ccs_resourcecenter@mail.colostate.edu). Printed copies cost \$1; they are available free on our website at [www.ext.colostate.edu/pubs/pubs.html](http://www.ext.colostate.edu/pubs/pubs.html):

- 6.302, *Creating Wildfire-Defensible Zones*
- 6.303, *Fire-Resistant Landscaping*
- 6.304, *Forest Home Fire Safety*
- 7.402, *Protecting Trees During Construction*



FIREWISE is a multi-agency program that encourages the development of defensible space and the prevention of catastrophic wildfire.

### Colorado State Forest Service

The following publication is available from the Colorado State Forest Service, Colorado State University -Foothills, 5060 Campus Delivery, Fort Collins, CO 80523-5060; (970) 491-6303:

- *Home Fire Protection in the Wildland Urban Interface*, CSFS #142-399



This fact sheet was produced in cooperation with the Colorado State Forest Service.

Colorado State University, U.S. Department of Agriculture and Colorado counties cooperating. CSU Extension programs are available to all without discrimination. No endorsement of products mentioned is intended nor is criticism implied of products not mentioned.

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## PROCEDURE FOR PUBLIC HEARING

Applicable items include: Rate Hearings, Code Adoption, Budget Adoption

### 1. **MAYOR.**

The next order of business will be the public hearing on **Resolution #24-17 Supplemental Budget Appropriation for 2017.**

- At this hearing, the Board of Trustees shall consider the information presented during the public hearing, from the Town staff, public comment, and written comments received on the budget.
- Has any Trustee had any ex-parte communications concerning this budget which are not part of the Board packet.
- Any member of the Board may ask questions at any stage of the public hearing which may be responded to at that time.
- Mayor declares the Public Hearing open.

### 2. **STAFF REPORT.**

- Review the staff report.

### 3. **PUBLIC COMMENT.**

- Any person will be given an opportunity to address the Board concerning the budget. All individuals must state their name and address for the record. Comments from the public are requested to be limited to three minutes per person.

### 4. **MAYOR.**

- Ask the Town Clerk whether any communications have been received in regard to the budget which are not in the Board packet.
- Ask the Board of Trustees if there are any further questions concerning the budget.
- Indicate that all reports, statements, exhibits, and written communications presented will be accepted as part of the record.

Request Board consider a motion.

### 7. **SUGGESTED MOTION.**

Suggested motion(s) are set forth in the staff report.

**8. DISCUSSION ON THE MOTION.**

Discussion by the Board on the motion.

**9. VOTE ON THE MOTION.**

Vote on the motion or consideration of another action.



# Memo

To: Honorable Mayor Jirsa  
Board of Trustees  
Town Administrator Lancaster

From: Duane Hudson, Finance Director

Date: September 26, 2017

RE: **Resolution # 24-17, Supplemental Budget Appropriations for 2017**

---

## **Background:**

This resolution amends the 2017 budget to include appropriations for items not included in the original budget. These items include the PERA settlement costs for dispatchers, additional costs from a recent PERA audit, utility work on the Moraine Ave bridge project, revisions to the Fish Creek reconstruction project, amendments to anticipated grant revenues based on current estimates of project costs, and various other changes and reallocations.

## **Summary of Anticipated Revenue Adjustments:**

There are a few changes in anticipated revenues associated with these items. The most significant proposed changes are as follows:

### **a. General Fund: \$3,005,507 Increase**

- 101-1300-343-40-00 Donations - \$85,000 Increase
  - Donation of the Veterans Memorial currently going in next to the Visitor Center – see increased appropriations below
- 101-3100-333-00-00 Federal Grant Revenue - \$2,701,422 Increase  
101-3100-334-20-00 State Operating Grant Revenue - \$328,164 Increase
  - Increase in Fish Creek Fed and State grants for new cost estimates

### **b. Community Reinvestment Fund: 242,043 Increase**

- 204-0000-333-00-00 Federal Grant Revenue - \$123,455 Decrease  
204-0000-334-20-00 State Operating Grant Revenue - \$355,498 Increase
  - Revise Moraine Ave Bridge grant estimates including reallocation of a grant from the federal grant revenue account to the state grant revenue account
- 204-0000-391.91-01 Transfers In from General Fund - \$10,000 Increase
  - Donation from the Friends of the Museum for the Museum remodel project budgeted in the Community Reinvestment Fund

**c. Open Space Fund: \$1,645,141 Increase**

- 220-0000-333.00-00 Federal Grant Revenue – \$734,496 Increase
  - Anticipated additional grant funds for Fish Creek trails work
- 220-0000-334.10-00 State Grant Revenue – \$910,645 Increase
  - Increase grant revenues on Carriage Hills Dam project, including 2016 deferred grant revenues collected in 2017 - \$811,595
  - Increase in Fish Creek trail grant for increased costs - \$99,050

**d. Trails Fund: \$48,169 Increase**

- 244-0000-333.00-00 Federal Grant Revenue - \$48,169 Increase
  - Increase grant revenues on Fall River Trail grant

**e. Street Improvement Fund: \$1,103,000 Increase**

- 260-0000-391-92-20 Transfers from Open Space - \$430,000
- 260-0000-391-92-44 Transfers from Trails Fund - \$673,000
  - Both these transfers are to cover the Dry Gulch road project completed in 2016. The transfers were intended to be made in 2016 and had been included in the December 2016 budget amendment but the transfer entries were not made prior to yearend. The transfers still need to be made to cover the Dry Gulch costs paid out of the Street Improvement Fund.

**f. Light and Power Fund: \$471,443 Decrease**

- 502-0000-333.00-00 Federal Grant Revenue - \$512,863 Decrease
  - Primarily due to closeout of FEMA project 9CATF in 2016 instead of 2017 as originally anticipated. Grant revenues were therefore recorded in 2016 and the budgeted revenues reduced in 2017.

**g. Water Fund: \$271,005 Decrease**

- 503-0000-333.00-00 Federal Grant Revenue - \$271,005 Decrease
  - Primarily due to closeout of FEMA project 9CATF in 2016 instead of 2017 as originally anticipated. Grant revenues were therefore recorded in 2016 and the budgeted revenues reduced in 2017.

**h. Information Technology Fund: \$5,900 Increase**

- 625-0000-333.00-00 Federal Grant Revenue - \$5,900 Increase
  - SIPA grant to install public Wi-Fi (Wapiti Wi-Fi)

**i. Vehicle Replacement Fund: \$50,000 Increase**

- 635-0000-341-25-44 Future Vehicle Purchase Contributions - \$50,000 Increase
  - Increase transfer from L&P Fund for a new truck acquisition as an addition to the L&P fleet. This was originally budgeted within L&P Fund but due to new standard accounting procedure, funds will be contributed to the Vehicle Replacement Fund for purchase of the vehicle instead of splitting it between Light & Power Fund and Vehicle Replacement Fund.

Summary of Supplemental Appropriations:

The following summarizes the most significant appropriation changes:

**a. General Fund: \$2,753,147 Net Increase**

- Executive Dept. - \$103,750 Increase
  - Largely due to the \$85,000 in costs associated with the Veterans Memorial project going in next to the Visitor Center – 100% covered by donations - see increased donation revenue above
  - Increase in benefit costs of \$18,750 to cover PERA AED & SAED contributions for Exec Dept. personnel in ICMA
- Community Development - \$398,000 Decrease
  - Insurance claim was expensed in 2016 so the \$225,000 appropriation for 2017 was removed.
  - Appropriations were reduced for personnel vacancy savings to offset PERA settlement costs
- Police Patrol Division - \$75,000 Decrease
  - Appropriations were reduced \$103,800 for personnel vacancy savings to help cover PERA settlement costs
- Police Communications Division - \$310,000 Increase
  - Appropriations were reduced \$120,750 for personnel vacancy savings to help cover PERA settlement costs
  - Appropriations for overtime were increased \$20,000 to cover on-call costs underestimated in original budget
  - Appropriations for employee benefits were increased \$410,000 to cover the PERA settlement costs
- Engineering - \$103,775 Decrease
  - Engineering and design costs were reduced \$109,040 to remove a duplicate appropriation – once as an encumbrance and once as a project rollover

- Streets Dept. - \$3,054,312 Increase
    - Additional construction costs of \$3,085,937 for Fish Creek road work
  - Transfers Out - \$10,000 Increase
    - Transfer to Community Reinvestment Fund – \$10,000
      - a. Transfer donation from Friends of the Museum for use on the museum remodel project budgeted in the Community Reinvestment Fund
- b. Community Reinvestment Fund: \$7,553 Increase**
- Engineering - \$10,620 Decrease
    - Museum Collections Facility design budget decreased \$10,620
  - Building Remodeling - \$ 3,240 Increase
    - Museum Remodel Project adjustment
  - Street Improvements - \$14,933 Increase
    - Incremental increase for Moraine Ave Bridge project
- c. Larimer County Open Space Fund: \$755,214 Increase**
- Engineering - \$175,000 Decrease
    - Reduced budget for Moraine Ave Bridge open space improvements – will consider adding back into 2018 if funding is needed for open space improvements associated with project
  - Capital – Walkways and Bikeways - \$200,000 Decrease
    - Fall River Trail Extension grant was not approved so the matching funds for the grant is not needed
  - Capital – Federal Grant Fish Creek Trail - \$700,214 Increase
    - Increased appropriations for Fish Creek Trail costs
  - Transfers Out to Street Imp Fund - \$430,000 Increase
    - This transfer is to cover the Dry Gulch road project completed in 2016. The transfer was intended to be made in 2016 and had been included in the December 2016 budget amendment but the transfer entry was not made prior to yearend. The transfer still needs to be made to cover the Dry Gulch open space costs paid out of the Street Improvement Fund.
- d. Emergency Response System Fund: \$16,929 Increase**
- Communication Equipment - \$5,000 Increase
    - Repair emergency radio antenna
  - Capital – Communication equipment - \$11,929 Increase
    - Acquire 4th dispatch console

**e. Trails Fund: \$673,000 Increase**

- Transfers Out to Street Imp Fund - \$673,000 Increase
  - This transfer is to cover the Dry Gulch road project completed in 2016. The transfer was intended to be made in 2016 and had been included in the December 2016 budget amendment but the transfer entry was not made prior to yearend. The transfer still needs to be made to cover the Dry Gulch trail costs paid out of the Street Improvement Fund.

**f. Light and Power Fund: \$131,500 Increase**

- Capital – Underground Conductors - \$131,500 Increase
  - Increase for Moraine Ave Bridge crossing electrical work
  
- Capital – Other Equipment - \$50,000 Decrease  
Future Vehicle Purchase Transfer - \$50,000 Increase
  - Reclassify contribution from L&P Fund for a new truck acquisition as an addition to the L&P fleet. This was originally budgeted within L&P Fund as capital outlay but due to new standard accounting procedure, funds will be contributed to the Vehicle Replacement Fund for purchase of the vehicle instead of splitting it between Light & Power Fund and Vehicle Replacement Fund.

**g. Water Fund: \$347,382 Increase**

- Capital – Water System - \$310,000 Increase
  - Moraine Ave Bridge crossing waterline work
  
- Utility System Master Plan - \$35,000 increase
  - Increase to cover current costs

**h. Information Technology Fund: \$5,900 Increase**

- Capital – Data Processing Equipment - \$5,900 Increase
  - Public internet Wi-Fi access (Wapiti Wi-Fi)

**i. Vehicle Replacement Fund: \$66,530 Increase**

- Capital – Trucks Acquisition - \$66,530 Increase
  - Purchase of new L&P Truck with the \$50,000 transferred from L&P Fund and some L&P vehicle auction proceeds

**Proposal:**

Staff is seeking approval of the amendments to the 2017 budget and its accompanying resolution with the modifications proposed above.

**Advantages:**

The Town will be able to complete this work and pay these costs as needed.

**Disadvantages:**

The disadvantage to not approving the supplemental budget for 2017 is that the Town would not have budget authority to complete these items as planned.

**Action Recommended:**

Staff recommends approval of the 2017 supplemental budget appropriation resolution.

**Budget:**

The funds identified above will be impacted as a result of this amendment.

**Level of Public Interest**

There has been on public interest expressed about this budget amendment.

**Sample Motion:**

I move for the approval of Resolution 24-17 appropriating additional sums of money for the Town of Estes Park for the budget year ended December 31, 2017.

**Attachments:**

Attachment A: Resolution No 24-17, Supplemental Budget Appropriations for 2017

Attachment B: Recap of Proposed Budget Adjustments

Attachment C: Summary of Anticipated Revenue Adjustments

Attachment D: Summary of Supplemental Appropriations

Attachment E: Summary of Budgeted Projects



**RESOLUTION FOR  
SUPPLEMENTAL BUDGET APPROPRIATIONS for 2017  
NO. 24-17**

A RESOLUTION APPROPRIATING ADDITIONAL SUMS OF MONEY FOR THE VARIOUS FUNDS AND SPENDING AGENCIES IN THE AMOUNTS AND FOR THE PURPOSES AS SET FORTH BELOW FOR THE TOWN OF ESTES PARK, COLORADO FOR THE BUDGET YEAR BEGINNING ON THE FIRST DAY OF JANUARY 2017 AND ENDING ON THE LAST DAY OF DECEMBER 2017.

**WHEREAS**, the Board of Trustees of the Town of Estes Park has adopted the annual budget in accordance with the Local Government Budget Law on December 13<sup>th</sup>, 2016; and

**WHEREAS**, over the course of the fiscal year ending December 31, 2017, the projects and estimates included in the adopted budget have been revised to include some additional projects; and

**WHEREAS**, it is not only required by law, but also necessary to appropriate the revenues provided in the budget to and for the purposes described below, so as not to impair the operations of the Town of Estes Park.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF ESTES PARK, COLORADO:**

That the appropriations be increased by \$4,757,155 for funds specified below and these amounts are hereby appropriated from additional revenue or available fund balance of each fund.

Fund #	Fund Name	Existing Appropriations	Amendment	Amended Appropriations
101	General Fund	21,027,695	2,753,147	23,780,842
204	Community Reinvestment Fund	11,781,755	7,553	11,789,308
220	Larimer County Open Space Fund	2,404,997	755,214	3,160,211
236	Emergency Response System Fund	58,913	16,929	75,842
244	Trails Fund	341,371	673,000	1,014,371
502	Light & Power Fund	19,895,987	131,500	20,027,487
503	Water Fund	6,791,575	347,382	7,138,957
625	Information Technology Fund	1,038,656	5,900	1,044,556
635	Vehicle Replacement Fund	407,483	66,530	474,013

ADOPTED this 26th day of September, 2017.

TOWN OF ESTES PARK

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
Town Clerk

**Town of Estes Park  
Recap of Proposed Budget Adjustments  
For Year Ended 12-31-2017  
Resolution 24-17  
As of Sept 26, 2017**

	101	204	211	220	236	238	244	260
	GENERAL FUND	COMMUNITY REINVESTMENT	CONSERVATION TRUST	LARIMER COUNTY OPEN SPACE	EMERGENCY RESPONSE	COMMUNITY CENTER	TRAILS	STREET
Revenues, As Amended	\$ 23,183,061	\$ 10,789,016	\$ 32,371	\$ 3,410,188	\$ 68,861	\$ 694,632	\$ 462,646	\$ 2,808,858
Expenses, As Amended	23,780,842	11,789,308	32,716	3,160,211	75,842	694,632	1,014,371	2,788,372
Net	(597,781)	(1,000,292)	(345)	249,977	(6,981)	0	(551,725)	20,486
Estimated Beginning Fund Balance, 1/1/17	5,422,086	1,206,842	35,558	(247,404)	36,013	1	703,829	3,445,370
Estimated Ending Fund Balance, 12/31/17	\$ 4,824,305	\$ 206,550	\$ 35,213	\$ 2,573	\$ 29,032	\$ 1	\$ 152,104	\$ 3,465,856
Budget Restrictions - Nonspendable Prepaid Fund Balance	<u>45,000</u>							
	<u>20.1%</u>							

	502	503	606	612	625	635	TOTAL
	LIGHT & POWER	WATER	MEDICAL INSURANCE	FLEET	INFORMATION TECHNOLOGY	VEHICLE REPLACEMENT	
Revenues, As Amended	\$ 17,038,268	\$ 6,436,445	\$ 2,398,946	\$ 397,797	\$ 618,582	\$ 753,476	\$ 69,093,147
Expenses, As Amended	20,027,487	7,138,957	2,340,020	407,680	1,044,556	474,013	74,769,007
Net	(2,989,219)	(702,512)	58,926	(9,883)	(425,974)	279,463	(5,675,860)
Estimated Beginning Fund Balance, 1/1/17	8,330,241	6,723,761	148,107	285,138	626,722	1,026,878	27,743,142
Estimated Ending Fund Balance, 12/31/17	\$ 5,341,022	\$ 6,021,249	\$ 207,033	\$ 275,255	\$ 200,748	\$ 1,306,341	\$ 22,067,282

**Town of Estes Park  
Summary of Anticipated Revenue Adjustments  
For Year Ended 12-31-2017  
Resolution 24-17  
As of Sept 26, 2017**

<b>Fund/Dept</b>	<b>Original Budget</b>	<b>Budget Amendment #3</b>	<b>Current Budget As Amended</b>
101 GENERAL FUND	20,177,555	3,005,507	23,183,061
204 COMMUNITY REINVESTMENT	10,546,973	242,043	10,789,016
211 CONSERVATION TRUST	32,371	-	32,371
220 LARIMER COUNTY OPEN SPACE	1,765,047	1,645,141	3,410,188
236 EMERGENCY RESPONSE	68,861	-	68,861
238 COMMUNITY CENTER	694,632	-	694,632
244 TRAILS	414,477	48,169	462,646
260 STREET	1,705,858	1,103,000	2,808,858
502 LIGHT & POWER	17,509,711	(471,443)	17,038,268
503 WATER	6,707,450	(271,005)	6,436,445
606 MEDICAL INSURANCE	2,398,946	-	2,398,946
612 FLEET	397,797	-	397,797
625 INFORMATION TECHNOLOGY	612,682	5,900	618,582
635 VEHICLE REPLACEMENT	703,476	50,000	753,476
716 THEATER	-	-	-
<b>TOTAL</b>	<b>63,735,836</b>	<b>5,357,312</b>	<b>69,093,147</b>

**Town of Estes Park  
Summary of Supplemental Appropriations  
For Year Ended 12-31-2017  
Resolution 24-17  
As of Sept 26, 2017**

<b>Fund/Dept</b>	<b>Original Budget</b>	<b>Budget Amendment #3</b>	<b>Current Budget As Amended</b>	
101	GENERAL FUND			
101-1100	Legislative	214,619	(15,000)	199,619
101-1200	Judicial	53,889	-	53,889
101-1300	Executive	415,339	103,750	519,089
101-1400	Admin Svcs	564,325	(20,000)	544,325
101-1500	Finance	539,068	(30,000)	509,068
101-1600	Com Dev ( Planning)	1,494,730	(398,000)	1,096,730
101-1700	Facilities	1,189,774	2,430	1,192,204
101-1800	Employee Benefits	181,990	(45,000)	136,990
101-1900	CS grants	993,822	-	993,822
101-2100	Police	2,998,351	(75,000)	2,923,351
101-2155	Police - Communications	979,756	310,000	1,289,756
101-2175	Police - Comm Svcs	324,442	-	324,442
101-2300	Building Safety Divison	765,916	-	765,916
101-2400	Engineering	898,356	(103,775)	794,581
101-2600	Visitor Center	410,828	-	410,828
101-3100	Streets	3,891,433	3,054,312	6,945,745
101-5200	Parks	1,102,438	(40,570)	1,061,868
101-5304	Senior Center	351,150	-	351,150
101-5500	Events	1,912,081	-	1,912,081
101-5600	Transportation	442,476	-	442,476
101-5700	Museum	334,993	-	334,993
101-9000	Transfers	967,921	10,000	977,921
101	GENERAL FUND	21,027,695	2,753,147	23,780,842

**Town of Estes Park  
 Summary of Supplemental Appropriations  
 For Year Ended 12-31-2017  
 Resolution 24-17  
 As of Sept 26, 2017**

<b>Fund/Dept</b>	<b>Original Budget</b>	<b>Budget Amendment #3</b>	<b>Current Budget As Amended</b>	
204	COMMUNITY REINVESTMENT	11,781,755	7,553	11,789,308
211	CONSERVATION TRUST	32,716	-	32,716
220	LARIMER COUNTY OPEN SPACE	2,404,997	755,214	3,160,211
236	EMERGENCY RESPONSE	58,913	16,929	75,842
238	COMMUNITY CENTER	694,632	-	694,632
244	TRAILS	341,371	673,000	1,014,371
260	STREET	2,788,372	-	2,788,372
502	LIGHT & POWER	19,895,987	131,500	20,027,487
503	WATER	6,791,575	347,382	7,138,957
606	MEDICAL INSURANCE	2,340,020	-	2,340,020
612	FLEET	407,680	-	407,680
625	INFORMATION TECHNOLOGY	1,038,656	5,900	1,044,556
635	VEHICLE REPLACEMENT	407,483	66,530	474,013
	<b>TOTAL ALL FUNDS</b>	<b>70,011,852</b>	<b>4,757,155</b>	<b>74,769,007</b>

**Town of Estes Park  
 Summary of Budgeted Projects  
 For Year Ended 12-31-2017  
 Resolution 24-17  
 As of Sept 26, 2017**

<b>Project Name/Description</b>	<b>Project Code</b>	<b>ACCOUNT NUMBER</b>	<b>2017 Project Budget (After BA#2)</b>	<b>2017 Additional Request</b>	<b>Total Project Budget After Amendment</b>
VETERANS MEMORIAL PROJECT	VETMON	101-1300-413-31-13	-	85,000	85,000
DOCUMENT MANAGEMENT SOFTWARE & EQUIP	DOCMGT	101-1400-414.37-01	165,554	-	165,554
DOWNTOWN ESTES PARK NEIGHBORHOOD PLAN	DTDOLA	101-1600-416.22-13	193,627	-	193,627
FLEET/STREETS ROOF	FLROOF	101-1700-417.32-22	150,000	-	150,000
PAINT EXTERIOR OF FISH HATCHERY RENTALS	HPAINT	101-1700-417.32-22	38,800	-	38,800
TOWN HALL ROOFS ( ENGINEERING & PD WINGS)	THROOF	101-1700-417.32-22	90,000	-	90,000
TOWN HALL WINDOWS (CD & BS SIDE)	THWIND	101-1700-417.32-22	70,000	-	70,000
MPEC SERVER ROOM AC	EC AC	101-1700-417.33-32	10,000	-	10,000
SECURITY CAMERAS PHASE 2	SECCAM	101-1700-417.33-32	26,000	-	26,000
MORAINA AVE BRIDGE	MORBRG	101-2400-424.22-02	316,170	(109,040)	207,130
STORMWATER MASTER PLAN	STORM	101-2400-424.22-02	278,547	-	278,547
SANDER REPLACEMENTS - 2	STSNDR	101-3100-431.34-98	16,000	-	16,000
FISH CREEK ROAD REPAIRS	FHW AFC	101-3100-431.36-55	2,833,125	3,085,937	5,919,062
JD CART 4X4	ECCART	101-5200-452.34-98	10,000	-	10,000
SANDER REPLACEMENT - 1	ECSNDR	101-5200-452.34-98	10,000	-	10,000
REBUILD CENTER ARENA FOOTING AT EVENT CENTER	ARNAFT	101-5500-455.32-22	125,000	-	125,000
<b>TOTAL GENERAL FUND</b>			<b>4,332,823</b>	<b>3,061,897</b>	<b>7,394,720</b>
MUSEUM COLLECTIONS AND RESEARCH FACILITY	MUSCOL	204-5400-544.22-02	81,100	(10,620)	70,480
MUSEUM REMODEL	MUSREM	204-5400-544.32-02	7,380	(7,380)	-
MUSEUM REMODEL	MUSREM	204-5400-544.32-22	192,000	18,000	210,000
MUSEUM REMODEL	MUSREM	204-5400-544.32-22	7,380	(7,380)	-
COMMUNITY DR ENGINEERING DESIGN	COMM DR	204-5400-544.35-51	50,000	-	50,000
MORAINA AVE BRIDGE	MORBRG	204-5400-544.35-51	1,985,067	14,933	2,000,000
DOWNTOWN PARKING PLAN	DTNPKG	204-5400-544.35-52	45,000	-	45,000
PARKING GARAGE	CVBPRK	204-5400-544.35-52	8,315,942	-	8,315,942
DMS ELECTRONIC SIGNS US36/US34	DYNMSG	204-5400-544.36-52	181,960	-	181,960
<b>TOTAL COMMUNITY REINVESTMENT FUND</b>			<b>10,865,829</b>	<b>7,553</b>	<b>10,873,382</b>
FISH CREEK TRAIL	11CATG	220-4600-462.22-02	1,463,701	700,214	2,163,915

**Town of Estes Park  
 Summary of Budgeted Projects  
 For Year Ended 12-31-2017  
 Resolution 24-17  
 As of Sept 26, 2017**

<b>Project Name/Description</b>	<b>Project Code</b>	<b>ACCOUNT NUMBER</b>	<b>2017 Project Budget (After BA#2)</b>	<b>2017 Additional Request</b>	<b>Total Project Budget After Amendment</b>
MORAINES AVE BRIDGE	MORBRG	220-4600-462.22-02	225,067	(175,000)	50,067
SCOTT PONDS (CARRIAGE HILLS) DAM	CDBGCH	220-4600-462.22-02	30,663	-	30,663
FALL RIVER TRAIL EXT	FRTRLX	220-4600-462.35-60	200,000	(200,000)	-
MACGREGOR AVE TRAIL	MCGRTR	220-4600-462.35-60	300,000	-	300,000
IRRIG IMPR RIVERWALK US36 TO CHILDRENS PARK	PRKIRR	220-4600-462.35-61	65,000	-	65,000
IRRIG IMPROV LIBRARY, RIVERSIDE PARK & TREGENT PARK	PRKIRR	220-4600-462.35-61	66,500	-	66,500
VISITOR CENTER BIG T RIVERBANK STABILIZATION	VCRVRB	220-4600-462.35-61	13,585	-	13,585
<b>TOTAL LARIMER COUNTY OPEN SPACE FUND</b>			<b>2,364,516</b>	<b>325,214</b>	<b>2,689,730</b>
4TH DISPATCH CONSOLE PROJECT	DCCONS	236-3600-436.33-31	-	11,929	11,929
<b>TOTAL EMERGENCY RESPONSE SYSTEM FUND</b>			<b>-</b>	<b>11,929</b>	<b>11,929</b>
MACGREGOR AVE NORTH OF WONDERVIEW IMPROVEMENTS	MCGRTR	244-3400-434.36-60	250,000	-	250,000
FALL RIVER TRAIL	FRTRL	244-3400-434.36-60	91,371	-	91,371
<b>TOTAL TRAILS FUND</b>			<b>341,371</b>	<b>-</b>	<b>341,371</b>
FLAP/RAMP ESTIMATED COSTS	FLAP	260-2000-420.22-02	567,271	-	567,271
GENERAL ENGINEERING AND DRAINAGE DESIGN WORK	GENENG	260-2000-420.22-02	70,000	-	70,000
MACGREGOR AVE IMPROVEMENTS	MCGRTR	260-2000-420.35-51	800,000	-	800,000
DRY GULCH ROAD REBUILD	DRYGUL	260-2000-420.35-51	229,748	-	229,748
<b>TOTAL STREET FUND</b>			<b>1,667,019</b>	<b>-</b>	<b>1,667,019</b>
PARKING GARAGE	CVBPRK	502-6301-540.25-33	20,000	-	20,000
OFFICE EQUIPMENT	EQUIP	502-7001-580.33-32	7,000	-	7,000
SERVER FOR METERING - AMI	MTRSVR	502-7001-580.33-33	25,000	-	25,000
TRANSFORMER PURCHASES	TRANSF	502-7001-580.33-35	112,052	-	112,052
SMART METER PURCHASES	SMTMTR	502-7001-580.33-36	25,000	-	25,000
NONSPECIFIC TOOLS	EQUIP	502-7001-580.33-41	10,000	-	10,000
UTILITY TRUCK-1 TON - New Addition to Fleet	TRUCKS	502-7001-580.33-98	50,000	(50,000)	-
STREET LIGHTING, POLES & FIXTURES	LIGHTS	502-7001-580.35-55	135,496	-	135,496

**Town of Estes Park  
 Summary of Budgeted Projects  
 For Year Ended 12-31-2017  
 Resolution 24-17  
 As of Sept 26, 2017**

<b>Project Name/Description</b>	<b>Project Code</b>	<b>ACCOUNT NUMBER</b>	<b>2017 Project Budget (After BA#2)</b>	<b>2017 Additional Request</b>	<b>Total Project Budget After Amendment</b>
2017 ELECTRIC LINE REBUILDS	LRBLDS	502-7001-580.35-57	200,000	-	200,000
ALLENSPARK CIRCUIT UNDERGROUND WORK	AP2016	502-7001-580.35-58	323,206	-	323,206
2017 UNDERGROUND LINES WORK	LRBLDS	502-7001-580.35-58	543,450	-	543,450
FISH CREEK PHASE II UNDERGROUND LINES	FISHC2	502-7001-580.35-58	264,217	-	264,217
MORAINA AVE BRIDGE UTILITY CROSSING	MORB17	502-7001-580.35-58	-	131,500	131,500
BROADBAND PROJECT	BB0001	502-7001-580.35-66	1,092,206	-	1,092,206
MIDDLE MILE FIBER TO ALENSPARK/LITTLE VALLEY	AP2016	502-7001-580.35-66	532,483	-	532,483
AR & CLICK-TO-GOV UTILITY BILLING MODULES	UBPRTL	502-7001-580.37-01	76,027	-	76,027
<b>TOTAL LIGHT &amp; POWER FUND</b>			<b>3,416,137</b>	<b>81,500</b>	<b>3,497,637</b>
BUILDING WORK AT GLACIER PLANT	GPBLDG	503-7000-580.32-22	215,000	-	215,000
SCADA UPGRADES AT GLACIER WTP	GPSCAD	503-7000-580.33-36	117,990	-	117,990
VARIOUS LAB EQUIPMENT	EQUIP	503-7000-580.33-37	5,500	-	5,500
FEEDER REPLACEMENT	WTFEED	503-7000-580.33-40	17,000	-	17,000
STORAGE TANK MIXER	WTMISR	503-7000-580.33-40	12,000	-	12,000
VARIOUS EQUIPMENT	WTEQIP	503-7000-580.34-42	129,000	-	129,000
NCWCD SUBDISTRICT WATER RIGHTS (INCLUSIONS)	NCWTR	503-7000-580.35-54	41,400	-	41,400
PRV VAULT METERING	PVRMTR	503-7000-580.35-54	16,000	-	16,000
WATERLINE REPLACEMENT PROJECT - 2017	17WTRL	503-7000-580.35-54	401,370	-	401,370
PEMPWCo SYSTEM DESIGN & CONSTRUCTION	PEMPWC	503-7000-580.35-54	1,187,000	-	1,187,000
MORAINA AVE BRIDGE UTILITY CROSSING	MORB17	503-7000-580.35-54	-	310,000	310,000
REDUNDANT WATER SOURCE - BIG THOMPSON WATER RIGHTS	WTRABT	503-7000-580.35-54	100,000	-	100,000
UTILITY MASTER PLAN		503-7000-580.35-62	15,882	35,000	50,882
<b>TOTAL WATER FUND</b>			<b>2,258,142</b>	<b>345,000</b>	<b>2,603,142</b>
PUBLIC ACCESS WIFI PROJECT	SIPA17	625-2500-425.33-33	-	5,900	5,900
ALLENSPARK NETWORK GEAR	APNETW	625-2500-425.33-98	8,000	-	8,000
FIBER SWITCH GEAR TO LONGMONT	NETWRK	625-2500-425.33-98	15,000	-	15,000
FIREWALL VLAN ENHANCEMENT	NETWRK	625-2500-425.33-98	5,000	-	5,000
NEW NETWORK SERVER	NETWRK	625-2500-425.33-98	20,000	-	20,000



**Town of Estes Park  
 Summary of Budgeted Projects  
 For Year Ended 12-31-2017  
 Resolution 24-17  
 As of Sept 26, 2017**

<b>Project Name/Description</b>	<b>Project Code</b>	<b>ACCOUNT NUMBER</b>	<b>2017 Project Budget (After BA#2)</b>	<b>2017 Additional Request</b>	<b>Total Project Budget After Amendment</b>
NEW NETWORK SWITCHES	NETWRK	625-2500-425.33-98	5,000	-	5,000
PRPA RING SWITCHES/GEAR FOR NEW CIRCUIT	NETWRK	625-2500-425.33-98	15,000	-	15,000
<b>TOTAL INFORMATION TECHNOLOGY FUND</b>			<b>68,000</b>	<b>5,900</b>	<b>73,900</b>
EVENTS G-123 06 BOBCAT 2200 4X4	G-123	635-7000-435.34-42	19,000	-	19,000
L&P 93323A 06 FORD F-550 4X4	93323A	635-7000-435.34-42	59,666	-	59,666
PARKS G-60A FORD F-550 4X4	G-60A	635-7000-435.34-42	85,603	-	85,603
POLICE G-78B 09 DODGE CHARGER	G-78B	635-7000-435.34-42	32,000	-	32,000
STREETS G-63A 08 FORD F-550 4X4	G-63A	635-7000-435.34-42	75,000	-	75,000
STREETS G-75B 06 GMC K3500 4X4	G-75B	635-7000-435.34-42	33,885	-	33,885
WATER TRUCK BEDS FOR 2 TRUCKS - 9032C & 9033B	BD9032	635-7000-435.34-42	40,000	-	40,000
L&P FORK LIFT REPLACEMENTS - 2 - 93387A & 93388A	93387A	635-7000-435.34-42	62,329	-	62,329
L&P UNIT # 93342 - NEW ADDITIONAL TRUCK	93342	635-7000-435-34-42	-	66,530	66,530
<b>TOTAL VEHICLE REPLACEMENT FUND</b>			<b>407,483</b>	<b>66,530</b>	<b>474,013</b>
<b>TOTAL PROJECT RECAP</b>			<b>25,721,320</b>	<b>3,832,452</b>	<b>29,553,772</b>

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# **TOWN BOARD MEETING**

**September 26, 2017**

**Action Item #2 Consideration of current appointments to the Local Marketing District.**

**There is no memo for this item.**

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# Report

To: Honorable Mayor Jirsa  
Board of Trustees

**Through:** Town Administrator Lancaster

From: Kelly Stallworth, EI, Public Works Pavement Manager

Date: September 26, 2017

RE: Brodie Road Design

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## **Present Situation:**

Brodie Avenue is located along the southern boundary of Estes Park Elementary School. It is an east-west roadway that connects Community Drive to Fish Creek Road and is approximately 1/3 mile in length. It travels adjacent to Estes Park R-3 School District.

Currently, pedestrian paths exist along Community Drive and along Fish Creek Road. However, no such path exists connecting these two. This creates potential safety hazards for pedestrian and bike traffic, specifically school children attempting to access the elementary and middle schools from either of the aforementioned paths. Cars parked along Brodie Avenue in the mornings and afternoons for drop off/pick-up encroach on the only roadside walking path available. School Zone Improvements are included in the *Estes Valley Master Trails Plan*, receiving a priority rank of 6 in the 'Short Term Opportunities' section. Of the five trails ranked ahead, three are the responsibility of other governmental agencies. The other two are Fall River Trail and Fall River Trail Improvements which are currently in planning. Grant funds have also come available via the Colorado Safe Routes to School (CSRTS) program that could help alleviate this issue.

The Pavement Condition Index (PCI) of Brodie Avenue is also one of the lower ranked in the Town of Estes Park System. Alligator cracking, depressions, bumps and other distress have necessitated frequent use of the Town spray patcher to temporarily mitigate issues.

Moreover, there exists an opportunity to better control stormwater entering and exiting the Town's right-of-way in order to mitigate possible issues on the school district's property. Recent flooding of school property is an example.

## **Proposal:**

Public Works proposes Brodie Avenue Improvements as a major project of the 2018 STIP program. Proposed improvements would include:

- 10 foot multi-purpose concrete trail along Brodie Avenue, connecting Fish Creek Trail and Community Drive Trail.
- Evaluation of on street parking and traffic patterns
- Drainage improvements
- ADA improvements to existing facilities
- Resurfacing of existing asphalt roadway

Public Works proposes funds to be allocated from the 1A Trails Expansion Fund, 1A Street Improvement Fund, as well as a possible maximum grant award of \$350,000 from the CSRTS program.

Construction would be performed in June and July of 2018 during school summer vacation.

**Advantages:**

- Continued implementation of the Estes Valley Master Trails Plan
- Continued implementation of the 2024 STIP Program
- Multi-modal transportation improvement to the Town roadway system
- Roadway improvements
- Improved safety of pedestrians and bikers in and around school areas
- Much needed drainage improvements
- Improved traffic patterns along Brodie Avenue
- Possible Grant Funding

**Disadvantages:**

- Construction disruption along Brodie Avenue during construction
- Funds could be used on different projects

**Action Recommended:**

No Action, report only.

**Budget:**

\$400,000 come from the 1A Trails Expansion Fund

\$500,000 come from the 1A Street Improvement Fund

Possible maximum CSRTS grant award of \$350,000

**Level of Public Interest**

Public interest on this proposal is expected to be high.

**Attachments:**



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To: Estes Park Town Board and Larimer County Commissioners

At the suggestion of an Estes Park Town Trustee, we developed the following petition to be completed by VEP stakeholders/businesses only.

We had 3 people walk door to door to businesses in Estes Park over approximately 5 days. We also emailed the same petition to businesses. No one from VEP Board or Staff were permitted to sign. No VEP Board business properties were included. All signatures were Stakeholders of VEP (businesses) and there are no duplicated businesses.

**The Question was as follows:**

**Visit Estes Park’s Mission is to attract guests to Estes Park thru effective and efficient destination marketing and management in order to drive a year-round economy.**

Sign if you are supportive of the current Visit Estes Park Board (Steve Kruger, Lindsay Lamson, Adam Shake, Sean Jurgens), CEO Elizabeth Fogarty and their strategies & outcomes towards the accomplishments of this mission.

Signing also confirms you are pleased with the value you receive from Visit Estes Park.

FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
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We were overwhelmed by the results we got in favor of the 4 current VEP Board (names above) and CEO Fogarty and their accomplishments. All signing were pleased with the value they received from Visit Estes Park. Of all the people that were asked to sign during the door to door exercise, we had 95% of people willing to sign.

All business segments are well represented:  
Restaurants 22 (18% of total reached)  
Lodging 42 (35% of total reached)  
Retail 44 (36% of total reached)  
Other 13 (11% of total reached)  
=====

Total = 121 Businesses who are overwhelmingly in favor of the current VEP Board and CEO. 29(24%) were completed online and 92 (76%) were door to door signers.

Attached are the actual signed door to door petitions and the survey monkey responses (should be no duplications).

We are not aware of any similar petition in the Estes area that has received this level of support in such a short time.

Submitted by,  
  
Ken & Carrie Arnold  
Deer Crest Resort  
  
Paula Scheil  
Stonebrook Resort

(Survey Monkey) FORM:

Online Survey | Petition

Support the Visit Estes Park Organization

Responses & Comments  
ATTACHED

Visit Estes Park's Mission is to attract guests to Estes Park thru effective and efficient destination marketing and management in order to drive a year-round economy.

Sign if you are supportive of the current Visit Estes Park Board (Steve Kruger, Lindsay Lamson, Adam Shake, Sean Jurgens), CEO Elizabeth Fogarty and their strategies and outcomes toward the accomplishments of this mission. Signing also confirms you are pleased with the value you receive from Visit Estes Park.

\* 1. First Name

\* 2. Last Name

\* 3. Business Name

\* 4. Home Address

5. Comments

#1

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 18, 2017 6:15:28 PM  
**Last Modified:** Monday, September 18, 2017 6:16:37 PM  
**Time Spent:** 00:01:08  
**IP Address:** 24.49.134.179

Page 1

**Q1 First Name**

Carrie

**Q2 Last Name**

Arnold

**Q3 Business Name**

Deer Crest Resort

**Q4 Home Address**

750 South Lane Estes Park, CO

**Q5 Comments**

We are very pleased with the value we receive from Visit Estes Park

#2

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, September 19, 2017 8:06:29 PM  
**Last Modified:** Tuesday, September 19, 2017 8:07:13 PM  
**Time Spent:** 00:00:44  
**IP Address:** 184.61.11.224

Page 1

**Q1 First Name**

Joanne

**Q2 Last Name**

Tomasello

**Q3 Business Name**

Rodeway Inn of Estes Park, Colorado

**Q4 Home Address**

1590 Raven Ave

**Q5 Comments**

Respondent skipped this question

#3

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, September 19, 2017 8:22:56 PM  
**Last Modified:** Tuesday, September 19, 2017 8:32:39 PM  
**Time Spent:** 00:09:42  
**IP Address:** 174.29.190.53

Page 1

**Q1 First Name**

Chuck

**Q2 Last Name**

Scott

**Q3 Business Name**

Red Rose Rock Shop

**Q4 Home Address**

490 Moraine Ave. Estes Park

**Q5 Comments**

I feel VEP has done an outstanding job of promoting the Estes Valley. It seems to me that our local paper has it "out" for the VEP organization and I really can't figure out why. I do hope that our town board looks at the results that VEP has produced and judges them by those results.

#4

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, September 19, 2017 8:55:23 PM  
**Last Modified:** Tuesday, September 19, 2017 8:59:58 PM  
**Time Spent:** 00:04:35  
**IP Address:** 74.211.57.18

Page 1

**Q1 First Name**

Lee

**Q2 Last Name**

Machin

**Q3 Business Name**

Machin's Cottages in the Pines

**Q4 Home Address**

2450 Eagle Cliff Road, Estes Park, CO

**Q5 Comments**

I am very pleased with what they do.

#5

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, September 19, 2017 9:37:17 PM  
**Last Modified:** Tuesday, September 19, 2017 9:40:05 PM  
**Time Spent:** 00:02:47  
**IP Address:** 97.98.2.235

Page 1

**Q1 First Name**

Shelley

**Q2 Last Name**

Powers

**Q3 Business Name**

River Spruce Cabins

**Q4 Home Address**

2334 State Hwy 66, Estes Par, CO

**Q5 Comments**

We applaud the efforts of VEP. From the start of it with Peggy Campbell to the crew we have today, each year our town becomes more of a year round resort town that many people want to visit and live.

#6

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 8:56:00 AM  
**Last Modified:** Wednesday, September 20, 2017 8:58:13 AM  
**Time Spent:** 00:02:12  
**IP Address:** 71.218.129.13

Page 1

**Q1 First Name**

Val

**Q2 Last Name**

Thompson

**Q3 Business Name**

Estes Park Pie Shop

**Q4 Home Address**

499 Pioneer Lane Estes Park, CO

**Q5 Comments**

I believe Estes Park has seen growth in tourism and publicity which has generated higher sales numbers. That is the mission of VEP - bringing more people to town. I am not a lodging business, and I do think that the Board is heavily lodging focused, however, it is a proven fact that tourists who stay overnight spend more in Estes than day trippers do, so the focus makes sense to me. I think the increase in travelers is a direct result of the work VEP has done.



#7

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 12:08:32 PM  
**Last Modified:** Wednesday, September 20, 2017 12:12:52 PM  
**Time Spent:** 00:04:19  
**IP Address:** 74.211.57.49

Page 1

**Q1 First Name**

Jessica

**Q2 Last Name**

Collins

**Q3 Business Name**

Visible Inc

**Q4 Home Address**

PO Box 4415, Estes Park, CO 80517

**Q5 Comments**

The guidance that Mrs. Fogarty and her team provide are cutting edge, all encompassing, and wisely stewarded in many ways. Reading the 2018 Operating and Marketing plan draft, having been in marketing myself for many years, gave me confidence that all initiatives that are presented are both addressed and professionally managed with utmost respect to honorable stewardship of Estes Parks valuable resources. Well done team!

#8

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 12:37:52 PM  
**Last Modified:** Wednesday, September 20, 2017 12:40:31 PM  
**Time Spent:** 00:02:38  
**IP Address:** 50.194.144.100

Page 1

**Q1 First Name**

Michelle

**Q2 Last Name**

Oliver

**Q3 Business Name**

Lazy B

**Q4 Home Address**

730 Summerset Lane #8 Estes Park, CO 80517

**Q5 Comments**

VEP has been a powerful resource for me the last 2 years, as I've worked to establish a new business in Estes Park.

#9

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 1:42:25 PM  
**Last Modified:** Wednesday, September 20, 2017 1:43:13 PM  
**Time Spent:** 00:00:47  
**IP Address:** 68.119.235.222

Page 1

**Q1 First Name**

Marcia

**Q2 Last Name**

Rothschild

**Q3 Business Name**

self-employed

**Q4 Home Address**

447 Skyline Drive

**Q5 Comments**

They do a great job! Our town gets busier and busier. Isn't that the point?

#12

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 2:58:34 PM  
**Last Modified:** Wednesday, September 20, 2017 2:59:50 PM  
**Time Spent:** 00:01:16  
**IP Address:** 24.54.165.63

Page 1

**Q1 First Name**

Danielle

**Q2 Last Name**

Vigneaux

**Q3 Business Name**

Estes park happy cows (Business)

**Q4 Home Address**

447 skyline drive

**Q5 Comments**

Respondent skipped this question

#14

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 4:44:14 PM  
**Last Modified:** Wednesday, September 20, 2017 4:49:24 PM  
**Time Spent:** 00:05:09  
**IP Address:** 71.218.117.205

Page 1

**Q1 First Name**

Jeanine

**Q2 Last Name**

Pruitt

**Q3 Business Name**

Rustic River Cabins

**Q4 Home Address**

2550 US Highway 34 Drake, CO 80515

**Q5 Comments**

I have been increasing my business by at least 3.5% per year since purchasing our property in 2012. I just received a slot in the lottery and since that advertising has started we have \$7,800 in bookings from VEP. My increase from the state of Florida last year doubled because of advertising done by VEP.

#15

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, September 20, 2017 4:55:00 PM  
**Last Modified:** Wednesday, September 20, 2017 4:57:17 PM  
**Time Spent:** 00:02:16  
**IP Address:** 63.227.77.251

Page 1

**Q1 First Name**

Bill

**Q2 Last Name**

Almond

**Q3 Business Name**

YMCA of the Rockies

**Q4 Home Address**

551 Pawnee Drive, EP, CO 80517

**Q5 Comments**

I DO think VEP needs to be an active part of the workforce housing discussion (if not already) as well as park and traffic congestion (if not already)

#18

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 2:17:16 PM  
**Last Modified:** Friday, September 22, 2017 2:20:41 PM  
**Time Spent:** 00:03:25  
**IP Address:** 65.122.12.143

Page 1

**Q1 First Name**

Deborah

**Q2 Last Name**

Gibson

**Q3 Business Name**

Rams Horn Village Resort

**Q4 Home Address**

521 W Prospect Mt Dr, Estes Park

**Q5 Comments**

We are extremely supportive of Visit Estes Park! We should all work together to support and strengthen it. All stakeholder interests would be harmed if this successful program was interrupted.

#19

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 2:19:11 PM  
**Last Modified:** Friday, September 22, 2017 2:21:12 PM  
**Time Spent:** 00:02:01  
**IP Address:** 173.218.121.1

Page 1

**Q1 First Name**

Bob

**Q2 Last Name**

Robison

**Q3 Business Name**

Mountain Meadow Retreat VRBO

**Q4 Home Address**

1120 Griffith Court, Estes Park, CO

**Q5 Comments**

Home Address in Arkansas is

210 Karen Court

Jonesboro, AR Glad to see you are doing this!



#20

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 2:27:13 PM  
**Last Modified:** Friday, September 22, 2017 2:30:34 PM  
**Time Spent:** 00:03:21  
**IP Address:** 65.122.12.143

Page 1

**Q1 First Name**

Alex

**Q2 Last Name**

Gibson

**Q3 Business Name**

Rams Horn Realty

*2nd Business*

**Q4 Home Address**

521 W Prospect Mt Dr, Estes Park

**Q5 Comments**

I strongly support VEP. It is VITAL to the Estes Park economy!

#22

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 3:32:07 PM  
**Last Modified:** Friday, September 22, 2017 3:37:26 PM  
**Time Spent:** 00:05:19  
**IP Address:** 74.211.54.244

Page 1

**Q1 First Name**

Bettye

**Q2 Last Name**

Peterson

**Q3 Business Name**

Mountain Valley Real Estate & Dev

**Q4 Home Address**

PO Bos 1588 Estes Park 80517

**Q5 Comments**

VEP Board, CEO and staff members are GREAT! They are forward thinking while being sensitive to the needs of the residents of Estes. We are highly impressed with Elizabeth as she is talented, resourceful, helpful, responsive and is the best advocate for Estes Park!

#25

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 5:31:41 PM  
**Last Modified:** Friday, September 22, 2017 5:34:54 PM  
**Time Spent:** 00:03:13  
**IP Address:** 74.211.55.34

Page 1

**Q1 First Name**

Warren

**Q2 Last Name**

Clinton

**Q3 Business Name**

Castle Mountain Lodge, LLC

**Q4 Home Address**

2844 Fall River Road

**Q5 Comments**

I fully support the Board, the plans and strategies going forward and the CEO. She has been instrumental in seeing that Estes Park has a place at the table for Colorado Tourism.

#26

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, September 22, 2017 8:43:04 PM  
**Last Modified:** Friday, September 22, 2017 8:45:52 PM  
**Time Spent:** 00:02:48  
**IP Address:** 172.242.93.121

Page 1

**Q1 First Name**

Tim

**Q2 Last Name**

Resch

**Q3 Business Name**

Estes Park Outfitters

**Q4 Home Address**

5229 Little Valley Dr

**Q5 Comments**

I feel the whole group is doing an excellent job as shown by the awards they continuously keep winning!

#28

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 2:29:21 PM  
**Last Modified:** Sunday, September 24, 2017 2:30:58 PM  
**Time Spent:** 00:01:37  
**IP Address:** 104.37.12.131

Page 1

**Q1 First Name**

Marlo

**Q2 Last Name**

Kirkham

**Q3 Business Name**

Fall River Village

**Q4 Home Address**

970-325-6864

**Q5 Comments**

Visit Estes Park is a great resource for us as a business and an invaluable tool for our community and visitors.

#29

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 2:31:32 PM  
**Last Modified:** Sunday, September 24, 2017 2:37:37 PM  
**Time Spent:** 00:06:04  
**IP Address:** 174.209.20.161

Page 1

**Q1 First Name**

Joan

**Q2 Last Name**

Creed

**Q3 Business Name**

Upon Arrival Grocery Delivery

**Q4 Home Address**

598 Hourglass Ct

**Q5 Comments**

I am very supportive of the vision and dedication VEP has for Estes Park. Many talented people coming together to make Colorado's #1 tourist destination even more viable.

#30

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 3:17:54 PM  
**Last Modified:** Sunday, September 24, 2017 3:23:28 PM  
**Time Spent:** 00:05:33  
**IP Address:** 50.21.204.204

Page 1

**Q1 First Name**

Tina

**Q2 Last Name**

Bernacchi

**Q3 Business Name**

Mountain Shadows Resort

**Q4 Home Address**

871 Riverside Dr

**Q5 Comments**

Since VEP people actually know who and where we are. I think VEP does an excellent job of advertising our town and I would hope that all people in town, in the tourism business or not, would support them. without tourism we would be a nice little town with very few services....and after all this has been a tourist town forever...The Stanley wasn't built yesterday.

#31

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 3:52:07 PM  
**Last Modified:** Sunday, September 24, 2017 3:54:53 PM  
**Time Spent:** 00:02:45  
**IP Address:** 174.209.0.93

Page 1

**Q1 First Name**

Sean

**Q2 Last Name**

Keating

**Q3 Business Name**

Alpine Trail Ridge Inn

**Q4 Home Address**

9466 reed Ct Westminster

**Q5 Comments**

VEP Is great our all of our business.



#32

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 3:57:58 PM  
**Last Modified:** Sunday, September 24, 2017 3:59:14 PM  
**Time Spent:** 00:01:15  
**IP Address:** 96.58.85.169

Page 1

**Q1 First Name**

Jane

**Q2 Last Name**

Livingston

**Q3 Business Name**

Jane Livingston

VRBO

**Q4 Home Address**

20 Willow Woods Drive, Tonka Bay, MN 55331

**Q5 Comments**

The work of VEP is very valuable to the community of Estes Park and the future of Estes Park.

#33

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, September 24, 2017 11:31:18 PM  
**Last Modified:** Sunday, September 24, 2017 11:33:03 PM  
**Time Spent:** 00:01:45  
**IP Address:** 24.49.134.6

Page 1

**Q1 First Name**

Candice

**Q2 Last Name**

Mohr

**Q3 Business Name**

Snowy Peaks winery

**Q4 Home Address**

710 Castle Mountain RD, estes park

**Q5 Comments**

Respondent skipped this question

#34

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 25, 2017 9:32:35 AM  
**Last Modified:** Monday, September 25, 2017 10:01:47 AM  
**Time Spent:** 00:29:11  
**IP Address:** 75.166.23.169

Page 1

**Q1 First Name**

Lisa

**Q2 Last Name**

Joslyn

**Q3 Business Name**

Windcliff Homes

**Q4 Home Address**

645 S Saint Vrain Ave

**Q5 Comments**

Respondent skipped this question

#35

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 25, 2017 10:42:17 AM  
**Last Modified:** Monday, September 25, 2017 10:44:54 AM  
**Time Spent:** 00:02:36  
**IP Address:** 207.224.50.89

Page 1

**Q1 First Name**

Marc

**Q2 Last Name**

Grandmaison

**Q3 Business Name**

The Historic Crags Lodge

**Q4 Home Address**

300 Riverside Drive

**Q5 Comments**

Everyone has worked very hard and deserve to be recognized for their accomplishments!

Please continue on your path of success!

Thank you All.

#36

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 25, 2017 2:35:38 PM  
**Last Modified:** Monday, September 25, 2017 2:36:58 PM  
**Time Spent:** 00:01:20  
**IP Address:** 97.118.183.99

Page 1

**Q1 First Name**

Michael J

**Q2 Last Name**

Aldrich

**Q3 Business Name**

Aldrich Builders

**Q4 Home Address**

1180 Graves Avenue B, Estes Park

**Q5 Comments**

Yes I am very supportive and impressed by the work of Elizabeth and staff.

#37

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, September 25, 2017 4:30:52 PM  
**Last Modified:** Monday, September 25, 2017 4:33:34 PM  
**Time Spent:** 00:02:42  
**IP Address:** 67.176.50.125

Page 1

**Q1 First Name**

Bill

**Q2 Last Name**

Niles

**Q3 Business Name**

Della Terra Mountain Chateau

**Q4 Home Address**

3501 Fall River Road, Estes Park, CO

**Q5 Comments**

We fully support Visit Estes Park and all that they do to market the Estes valley. The success of their efforts is easily see in the healthy business growth since they started. Without them the business climate in Estes would not be nearly as healthy.

#38

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, September 26, 2017 7:57:36 AM  
**Last Modified:** Tuesday, September 26, 2017 7:58:48 AM  
**Time Spent:** 00:01:12  
**IP Address:** 66.119.54.245

Page 1

**Q1 First Name**

Nicole

**Q2 Last Name**

Schultz

**Q3 Business Name**

Green Jeep Tours

**Q4 Home Address**

618 aspen ave Estes park co

**Q5 Comments**

Respondent skipped this question





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Sign if you are supportive of the current Visit Estes Park Board (Steve Kruger, Lindsay Lamson, Adam Shake, Sean Jurgens), CEO Elizabeth Fogarty and their strategies & outcomes towards the accomplishments of this mission.

Signing also confirms you are pleased with the value you receive from Visit Estes Park.

FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Dorian Cox	Up top towing	875 Moraine Ave.	
Justice Whalen	UP TOP DECK STOP	875 Moraine Ave	
Karen McAdams	Cottage Buss	870 Moraine Ave	
Cris Shantz	Scratch	911 Moraine Ave	Awesome Job!
Saward Lynn		450 Moraine Ave.	
Jen TroutHeather	Estes Angler	919 High Acres	
PATRICK BEARD	Cousin PAT'S PUB	451 S. ST VRAIN	
Doni Hauschalter	Swiftcurrent Lodge	2512 Hwy 166	
Dave RAVGLO	GLACIER LODGE	2166 CO HWY 66	
Kathy Rogest	Paradise On The River	1836 State Hwy 166	
Nick Kane	Nick's Rest.	1350 FALL RIVER R.D	

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
CHARLE GEORGE + GARY KEELEY	1770 Emerald	3450 Pine Hatched Rd	
KEELEY HANSEN	The Evergreens	1500 Fish Hatchery Rd.	Keeley loves the Great Marketing!
CYNDI LUNCH	River Stone Mgt	2120 Fall River Rd.	We appreciate V-E.P.!
Dorothy Rohrbaugh	Aspen Winds	1051 Fall River Ct	We need a special marketing program to push property to our visitors
PAUL D. ROHRBAUGH	Aspen Winds	1051 Fall River Ct	
Tobi Manspeaker	Estes Park Condos	1400 David Dr.	Elizabeth has done so much for the area!
Mark Needham	Estes Park Condos	1400 David Dr.	We love Visit Estes!
Toni Barnett	4 Seasons Inn	1130 W. Elkham Ave	VISIT ESTES PARK is a very vital part of our business & our city.

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Shane / Musich	RiverView Pines RVP	1150 W. Elk Horn	
JENNIFER DREZENSKI	(2 Businesses) DISCOVERY COUNTS	800 Big Thompson AVE 1340 Big Thompson AVE	
Nancy Hall	Robert Lawrence CH	930 Big Thompson	DOING GREAT!
BILL WATERS	Rocky Mountain Tressura	3442 Eaglecliff.	Fantastic Job!
Vinond Chung	Estes Village Inn	1060 Big Thompson CP	Good Job
Caren Butler	Estes Mtn Lodge	1120 Big Thompson Ave	Great
Jackie ROBINSON	Blue Door Inn	1220 Big Thompson Ave.	
Andrew Schaefer	Rocky Mountain Health	1230 Big Thompson Ave	Good stuff
Rhonda Jurgens	Overlook Inn	1450 Big Thompson Ave	Invited to be taken
John Suller	COLUMBINE INN	1540 BIG THOMPSON	DOING WELL!
Scott Hamber	Bamburgham	1640 Big Thompson	Doing a great job!!

FK

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Melody Hammond	Front desk Murphy's Resort	514 Grand Estates Ct	Good Job!
Bighorn Bi Lama Hunter	Chapman	1690 Big Thompson Ave	
Kristina Stoker	The Estes Park Resort	1050 S. Saint Vrain Ct-1	Good Job!!
Zion Lea	Front Desk Mtn Shop Mtn Shop	6777 US Hwy 36	
Kay Stedman	KOA	2051 Big Thompson	Good.
Amy Johnson	Backbone Adventures	1851 N. Lake Ave	Good!!

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
MARY DESANDRO	Sgt Peppers	2365 Bellevue Dr B	
JAY FEAGANS	OUTDOOR WORLD	257 MCCASSIN	
Tisha Goodenote	Caramel Corn	1911 Craggs Court	
Kim Johnson	Whulbar	350 Virginia Drive	
<del>XXXXXXXXXX</del>	CARAMEL CRIST	108 E ELKHORN	
Michele Riedesel	Hiking Hut Inc.	106 E. ELKHORN AVE.	
Wendy Williams	Brooks & Co	138 MORRIS AVE	
Stef Schutzhirs	Marylane's	358 E ELKHORN	
Patti Cascard	Mountain Pines Vac.	460 W Prospect Mtn Dr	
Bethene Tyson	XXXX	819 Fawn Dr	will learn more
Carie Johnson	Frances Lane's Thing	440 E. Elkhorn Ave	to support

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Paula Schell	Stone Brook Resort	1710 Fall River Rd Estes Park	
HARVE	Blackhawk Casino	1750 Fall River Rd E.P.	
Karin Dale	Inn on Fall River	1600 Fall River Rd.	
Anne Brauer	Braunfeld's	755 ELM RSTO#8	Great Job!
Deborah Richardson	Braunfeld's	Elkhorn Ave.	
RENE SCHIATTO	The White Orchid	344 E. ELKHORN	
RENE SCHIATTO	LIZ & JO'S	513 Big Thompson	
Joanne Graiff	Wynbrier Home	1605 Seating Circle	
Ben Ferguson	Westees	1577 27th & Leveload	
Travis and Heidi		1420 Sunny Mead Ln, EP	
SHIVA SHRESHA	HIDDEN PEAK	184 E. ELKHORN	

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Sandra Hotzman	Rocky Mountain Dessert Tea	1310 Mansford Ave. # 415	
Tamara Jarolimel	Aspen and Evergreen Gallery	2340 Aspen Brook Estes Park	
Bob W. Fitzer	Fair River Jewelry & Antiques	900 W Elkhorn	
Rob Pieper	Pappys (2 Business) Alma RUSEs	482 MacGregor Ave EP, CO	
Colleen Buckert	Lonigan's	110 West Elkhorn	
Chris Johnson	Chicago's Best	112 W. Elkhorn	
Marsia Blake	Blake Trading	116 W Elkhorn Ave	
Paige Pagla	Bob's Pizzas Pizza	124 W. Elkhorn Ave	
Elizabeth Potter	Memories Old Time Pottery	132 W. Elkhorn Ave.	
John C. C. C.	RMC CUT 4106	140 W. Elkhorn Ave	
Nicole Morgan	Three Blessed Crems	146 W Elkhorn Ave	

PS

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Ray Juli	Riverpointe SP	121 west 1st	
SANDRA PETRIE	INDIGO / 2 businesses WILDFLOWER MERC.	850 OLD KANBER DR.	
Lisa Gonzales	The Gold Mine	251 Lott St.	
Ichekha shakya	Water wheel Gift Carnes	208 W. Elk Man. Ave.	
Rick Gonzales	over the Edge	170 W. Elk horn Ave	
Krishna Subeac	Everest To the Rockie	170 W. Elkhorn Ave.	
Robert Hanna	SUNDAY SALOON	125 MORAWA	

PS



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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Mary Margaret	Classic Hair Designs	638 Pine Tree Dr. Estes Park, CO 80519	
MEGHAN RADENMACHER	THE ENCHANTO FLURIST	1011 N. FORK RD. GLEN HAVEN, CO 80532	
JESSA SPOONER	El met-pal	160 First St	
Julie O'Leary	Mountain Home Cafe M-H-Cafe	457 E Wonderview Ave 457 Wonderview Ave	

9-25-17 KJA

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
STEFANO SOMMISTO	VIA Bicycle Cafe	1590 RAVEN AVE, UNIT J	
Stephanie Clemens	Amberwood	1889 Fall River Rd.	
Lucky OPREA	VRBO	P.O. Box 2521	
Jordan Mohr	Shakes Alive	1265 Range View Rd.	
Chris Kael		34 Big Horn Dr	
Debby Ballard	fishcreekstudio	3157 Fish Creek Rd.	
Naihya Khametvalieva	Notchtop Cafe	459 E. Wonderview Ave	
Gerald Mayo	Team Realty	457 E Wonderview	
whynny Mayo	Peaks Hallmark	459 E Wonderview	
Chris Therissen	Realty Mountain Partners	4550 E. Wonderview, su 102	
Soonyung Kim	Mountain Dew Liquor	1861 Raven Ave unit A1.	

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FIRST/LAST NAME	BUSINESS NAME	HOME ADDRESS	COMMENTS
Carole Fixter	Fall River Lodge Cannamatta	900 W. Elk Horn	(2 Businesses)
A. Becker	THATTY PEBBLES LEATHER LAURAS FINE CADDIES LAURAS ARE CADDIES	356 E. ELKHORN AVE 820 Columbia Dr.	
Kevin Johnson			

9-26-17 . PS



Jackie Williamson <jwilliamson@estes.org>

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## RE: Tonight's Town Board Meeting

1 message

---

Catherine A. Tallerico <CTallerico@lyonsgaddis.com>

Tue, Sep 26, 2017 at 3:20 PM

To: Greg White <greg@gawwhite.com>

Cc: "Frank Lancaster (flancaster@estes.org)" <flancaster@estes.org>, Jackie Williamson <jwilliamson@estes.org>, "Mayor Todd Jirsa (tjirsa@estes.org)" <tjirsa@estes.org>, Jeannine Haag <haagjs@co.larimer.co.us>, "Jacqueline M. Tousley" <JTousley@lyonsgaddis.com>

Hi Greg, VEP requests that the Town follow the usual practice in vetting applicants to fill board vacancies including interviews with candidates. VEP does not need to have a board in place until November so there is plenty of time to go through a regular process. I understand that a number of community members have expressed desire to work with the District.

Thank you for your consideration of these important issues. Regards, Cathy



Catherine A. Tallerico

[ctallerico@lyonsgaddis.com](mailto:ctallerico@lyonsgaddis.com)

P.O. Box 978

Longmont, CO 80502-0978

**P:** 303-776-9900 | **F:** 303-776-9100

[lyonsgaddis.com](http://lyonsgaddis.com)

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---

**From:** Greg White [mailto:[greg@gawwhite.com](mailto:greg@gawwhite.com)]

**Sent:** Tuesday, September 26, 2017 11:44 AM

**To:** Catherine A. Tallerico <[CTallerico@lyonsgaddis.com](mailto:CTallerico@lyonsgaddis.com)>

**Cc:** Frank Lancaster ([flancaster@estes.org](mailto:flancaster@estes.org)) <[flancaster@estes.org](mailto:flancaster@estes.org)>; Jackie Williamson <[jwilliamson@estes.org](mailto:jwilliamson@estes.org)>; Mayor Todd Jirsa ([tjirsa@estes.org](mailto:tjirsa@estes.org)) <[tjirsa@estes.org](mailto:tjirsa@estes.org)>; Jeannine Haag <[haagjs@co.larimer.co.us](mailto:haagjs@co.larimer.co.us)>

**Subject:** RE: Tonight's Town Board Meeting

That is incorrect. The County is considering today the removal of Director's Lamson and Kruger. I anticipate that the Town will consider taking action on the removal of those two directors if the County does act today. If there are sufficient votes (6) to remove one or both of these Directors, the VEP Board would then have only 2 members due to the recent resignation of Director Dickey. The Town Board then may consider the appointment of two new Directors to provide the minimum of 4 Directors so that the VEP Board may continue to function.

---

**From:** Catherine A. Tallerico [<mailto:CTallerico@lyonsgaddis.com>]  
**Sent:** Tuesday, September 26, 2017 11:14 AM  
**To:** Greg White <[greg@gawhite.com](mailto:greg@gawhite.com)>  
**Cc:** Jacqueline M. Tousley <[JTousley@lyonsgaddis.com](mailto:JTousley@lyonsgaddis.com)>  
**Subject:** Tonight's Town Board Meeting

Hi Greg, I have reviewed the Town meeting agenda. Under "action items" is listed "consideration of current appointments to the Local Marketing District". Based on this description, we understand that no action will be taken to appoint new members or remove current members. Correct?

Regards, Cathy



**Catherine A. Tallerico**

[ctallerico@lyonsgaddis.com](mailto:ctallerico@lyonsgaddis.com)

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Longmont, CO 80502-0978

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