

ALASKA PIONEER FRUIT GROWERS' NEWSLETTER

A Publication of the Alaska Chapter, North American Fruit Explorers (NAFEX)

May, June, and July 1992

Volume 7/Number 5

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UPCOMING EVENTS

Welcome back! How's your summer progressing? How's your fruit crop doing? My family has been enjoying raspberries and strawberries. And we have our first-ever crop of apples in the backyard—not many, but we're off to a good start.

I'm going to use this summer edition of our newsletter for playing catch-up. We'll finish up **Leslie Toombs'** apple classics article, provide some different forms for your use in keeping records and evaluations of your fruit-growing efforts (more about why this is important at a later date!), and, at long last, publish an index to our 1991 articles. Well, let's get back in the swing of things—what do you say!?

Come one, come all! **Thursday, September 17, 1992, 7:00 p.m., at the Dimond Greenhouses, 1050 West Dimond Boulevard (between Arctic Boulevard and Minnesota Drive), Anchorage.** Come early and bring an interested friend to the first meeting of the fall season—our annual **Apple Tasting Event**. **Jay Dearborn** will be our special guest host again this year; he will be bringing several apple varieties from the Valley for our tasting pleasure (and if you were there last year, you know it was a pleasure!). Everyone is encouraged to bring their home-grown apples to share—either fresh off the tree or incorporated into a prepared dish (dessert or otherwise). Last year

HELP NEEDED! DESPERATE!

We are in dire need of access to a copying machine for use in the publication of our newsletter. We have been the beneficiary of free printing services for our newsletter, but the donation is no longer available.

Commercial copying is cost-prohibitive (6-11¢ estimated cost/page x 6-7 pages on the average x 100+ members x 10 issues/year--not counting postage).

Can you help? We can provide our own paper. Even if you can't offer copying services on a monthly basis, maybe we can find several people who can offer access to a copying machine 2-3 times a year.

Please call me if you have any suggestions (344-9749).

Thanks!

produced some very delicious treats, so come share the bounties of your season with fellow club members! Hope to see you there!

It's time to start arranging your schedule: please set aside the **third Thursday** of each month (7:00 p.m.) for our meetings and plan on attending. Also, do you have any requests for monthly programs? Please be thinking about what you'd like in the way of programs and we can discuss it at the September meeting, or feel free to call on any of your Board members with your ideas; we want you to want to participate each month—it's the secret of a vital organization. So mark your calendars now for another year of learning, fellowship, and fun!

Our 1992 membership list is also included this month, and I've tried to arrange it by geographic area to encourage members to get together. If members from different areas want to hold meetings throughout the year, please let me know the particulars and I will make sure the meetings are advertised here, in our newsletter. As I see it, that's why I'm here—to improve communication among us all.

The last installment of "Apples for Alaska: Don't Forget the Classics", Leslie Toombs' extract from *The Apples of New York*, is included this month. Please see pages 6-8 for the Red Astrachan and Tetofsky. Thanks for the contribution, Leslie!

As you know, those growers who keep notes of their trials and errors, their successes

and failures, make possible an accumulated record of much experience and hard-won wisdom. As you may also know, **Alaska Pioneer Fruit Growers** is currently attempting to publish *Edible Tree Fruits of Alaska* and we want to draw on your records and experience! We have now identified over 100 known varieties of edible tree fruits growing statewide that we can recommend to other fruit growers—novices and seasoned veterans alike. If you already have records on edible varieties which have produced (no matter where in the state you are), please take a moment and send a copy to **Erik Simpson** or to **Pam Neiswanger Warner** as soon as possible. We can then include your cultivars in the first issue of our publication—but we need evaluation documentation. If all your records are carried in your head, please take some time to write them down and send us a copy. Thanks for your assistance.

(Editor's note: Because different people like different forms, I've provided assorted master forms for your use. Hopefully, you'll all be able to find one that you like and enjoy using.)

It's here! An index to the 1991 issues of our Alaska Pioneer Fruit Growers' newsletter, covering Volume 6, January 1991 through December 1991 (see page 13). As I complete indices for other years, I will publish them here. If there is an article you want repeated or copied, just let me know. Thanks!

ALASKA PIONEER FRUIT GROWERS

Alaska Chapter, North American Fruit Explorers (NAFEX)

1992 Membership List

Anchorage:

| | | |
|--|--|--------------|
| Barbara H. Anderson | P. O. Box 5; Hope, AK 99605 | None |
| Robert/Wilma Baird | 1130 East 11th Avenue; Anchorage, AK 99501 | 272-1929 |
| Charles W. Barnett | 6700 East 99th Avenue; Anchorage, AK 99516 | 346-3729 |
| Robert/Barbara J. Bascle | 12031 Forelands Circle; Anchorage, AK 99515 | _____ |
| Robert H. Boyer | P. O. Box 91376; Anchorage, AK 99509 | 561-2885 (w) |
| Alice Brewer | 1201 West 45th Avenue; Anchorage, AK 99503 | 563-6734 |
| Kent Carlson | 8201 Stratton Circle; Anchorage, AK 99507 | 344-1909 |
| Paul T. Dixon | 429 West 11th Avenue; Anchorage, AK 99501-4412 | 272-1792 |
| Daniel Elliott | 8200 Northwind Avenue #B; Anchorage, AK 99504 | _____ |
| Dorothy Emmons and Karl Francke | 3206 Woodland Park Drive; Anchorage, AK 99517 | 243-2001 |
| August W. Engle | 4709 Malibu Drive; Anchorage, AK 99517 | 243-5572 |
| Neal D. Fried and Mary H. Hilcoske | 1327 "G" Street; Anchorage, AK 99501 | _____ |
| Quinton Goentzel | 2418 East 86th Court; Anchorage, AK 99507 | 522-1000 |
| Dick Green | 4711 Kupreanof Street; Anchorage, AK 99507 | _____ |
| Michael D. Hansen | P. O. Box 671769; Chugiak, AK 99567 | 688-1156 |
| David G./Sheila Evans Hanson | P. O. Box 34; Hope, AK 99605 | _____ |
| Deborah Brown Hinchey Debbie's Horticultural Service | 1353 West 16th Avenue; Anchorage, AK 99501-4914 | 278-2814 |
| Herbert H. James James' Bedding Plants | 1000 East 28th Avenue; Anchorage, AK 99508 | 272-3828 |
| Elmer A. Jeske | 4425 East Ninth Avenue; Anchorage, AK 99508 | 333-4314 |
| Dell Kuk | P. O. Box 100936; Anchorage, AK 99510 | 344-5489 |
| Kim B. Kuk | 5910 Tinian Street; Anchorage, AK 99507 | 563-6479 |
| Jon P./Linda L. Kumin | 7921 Charlotte Place; Anchorage, AK 99502 | 243-8175 |
| Wayne Leiser* Dimond Greenhouses | 1050 West Dimond Boulevard; Anchorage, AK 99515 | 349-2552 (w) |
| John H. Loomis | 4437 East Ninth Avenue; Anchorage, AK 99508-2718 | 333-7872 |
| Thomas R. Marshall, Jr. | 1569 Birchwood Street; Anchorage, AK 99508 | _____ |
| Arvid Miller | 6701 East 10th Avenue; Anchorage, AK 99504 | _____ |
| James Miller | P. O. Box 110935; Anchorage, AK 99511-0935 | None |
| Charlene J. D. Oakes | 4451 Edinburgh Drive; Anchorage, AK 99515 | 243-5635 |
| Rich Raynor | 528 Oklahoma Street; Anchorage, AK 99504 | _____ |
| Mary Rhines | 2605 East 50th Avenue #7; Anchorage, AK 99507-1406 | _____ |
| George S. Rhyneer | 10500 Old Eagle River Road; Eagle River, AK 99577 | 694-9600 |

| | | |
|---------------------------|--|----------|
| Paul/Deirdre Schwartz | 1817 Skilak Circle; Anchorage, AK 99504-2756 | 333-6724 |
| Erik J. Simpson | 7225 Blackberry Street; Anchorage, AK 99502 | _____ |
| Kurt E. Solberg | 2411 Maple Avenue; Anchorage, AK 99508 | 272-7126 |
| Larry W./Laura J. Straley | 825 West 53rd Avenue; Anchorage, AK 99518-1014 | 563-6000 |
| Gerald Sudkamp | 2230 Chandalar Drive; Anchorage, AK 99504 | _____ |
| Claudia Sumner | HC 52, Box 8815; Indian, AK 99540 | _____ |
| Leslie Toombs | 2627 Cottonwood Street; Anchorage, AK 99508 | 279-4697 |
| Jeraldine van den Top | 12100 Hilltop Drive; Anchorage, AK 99515 | 344-1615 |
| Pam Neiswanger Warner | 7000 Viburnum Drive; Anchorage, AK 99507 | 344-9749 |
| Patrick Wright | 1343 West 25th Avenue; Anchorage, AK 99503 | _____ |

Fairbanks:

| | | |
|----------------------|--|--------------|
| Walter Benesch | 1811 Muskox Trail; Fairbanks, AK 99709 | 479-2386 |
| Edwin A. Bostrom | | |
| North Pole Acres | P. O. Box 56822; North Pole, AK 99705 | 488-3940 |
| Mike/Ginger Burcham | P. O. Box 441; Delta Junction, AK 99737 | 895-4772 |
| Thomas J./Lena Clark | P. O. Box 146; Tok, AK 99780 | None |
| Rudolph Domke | 2391 Chena Hot Springs Road; Fairbanks, AK 99712 | 488-6970 |
| Paul/Diane Dozier | 1316 Gilmore Trail; Fairbanks, AK 99712 | 457-3373 |
| Jon/Carol Dufendach | P. O. Box 309; Delta Junction, AK 99737 | 895-4309 |
| Patricia S. Holloway | 1170 Gilmore Trail; Fairbanks, AK 99712 | 474-7433 (w) |
| Clair J. Lammers | | |
| Clair's Cultivations | 1364 Esro Road; Fairbanks, AK 99712 | 488-6446 |
| Marc Lee | P. O. Box 82012; Fairbanks, AK 99708 | 479-9004 |
| John S. Leipzig | 1944 Red Leaf Road; Fairbanks, AK 99709 | 455-6560 |
| Tom Powers | Mile 315 Parks Highway; Nenana, AK 99760 | 832-5236 |
| Bruce A. Swaim | P. O. Box 1026; Delta Junction, AK 99737 | 895-4786 |
| Virginia Young | Mile 315 Parks Highway; Nenana, AK 99760 | _____ |

Kenai Peninsula:

| | | |
|-----------------------------|--------------------------------------|----------|
| Albert W. Franzmann | P. O. Box 666; Soldotna, AK 99669 | 262-4107 |
| James C. Manley | P. O. Box 955; Homer, AK 99603 | 235-6766 |
| Michael J. O'Brien | | |
| O'Brien Garden and Trees | HC 01, Box 1377; Kenai, AK 99611 | 776-8726 |
| Delmore L./Betty L. Schmidt | P. O. Box 2549; Homer, AK 99603 | 235-6975 |
| James M. Senn | 318 Sohi Lane #4; Soldotna, AK 99669 | 262-9351 |

Mat-Su Valley:

| | | |
|--------------|-----------------------------------|----------|
| River Bean | HC 04, Box 9043; Palmer, AK 99645 | 746-1087 |
| Eric A. Bush | HC 01, Box 6231; Palmer, AK 99645 | 376-5664 |

| | | |
|----------------------|--|----------|
| Mary D. Carr | HC 31, Box 5150; Wasilla, AK 99687 | 376-5671 |
| Bob Courtney | P. O. Box 878791; Wasilla, AK 99687 | _____ |
| Jayson N. Dearborn | | |
| Dearborn Farm | HC 01, Box 6124; Palmer, AK 99645 | 745-3501 |
| Fred/Dawn Deiser | P. O. Box 520692; Big Lake, AK 99652 | 892-9170 |
| John E. Hilgendorf | P. O. Box 876398; Wasilla, AK 99687 | 376-1358 |
| Charles E. Logsdon | P. O. Box 387; Palmer, AK 99645 | 745-3664 |
| Michael E. Palmquist | 545 Boundary Street; Wasilla, AK 99654 | 376-5630 |

Outside:

| | | |
|--------------------------|--|----------------|
| Fred Dorward | Site 15, Comp 58, RR 2 Whitehorse, Yukon Territory Y1A 5A5 Canada | (403) 633-6454 |
| Gene/Shirley Neiswanger | 4702 26th Avenue SE; Lacey, WA 98503 | (206) 491-0228 |
| Robert A. Purvis | 641 Hoffman Road; Selah, WA 98942-9532 | (509) 697-9765 |
| Christopher W. Templeton | Rural Route 1, Box 107; Jamestown, ND 58401 | (701) 252-8077 |
| Roger Vick* | U of A Devonian Botanic Garden; University of Alberta Edmonton, Alberta T6G 2E1 Canada | () _____ |

Southeast:

| | | |
|-------------------------|--------------------------------------|----------|
| Robert E. Henderson | P. O. Box 105; Haines, AK 99827 | 766-2451 |
| Joseph A./Julie A. Orsi | P. O. Box 210135; Auke Bay, AK 99821 | 789-3537 |
| Richard Poor | P. O. Box 240176; Douglas, AK 99824 | 364-3329 |

*Complimentary memberships

(Editor's note: Please call me immediately if I've overlooked anyone or incorrectly listed any of the above information. Thanks!)

Core rather large; cells open; core lines clasping. Carpels nearly roundish, tufted. Seeds rather small, plump, acute.

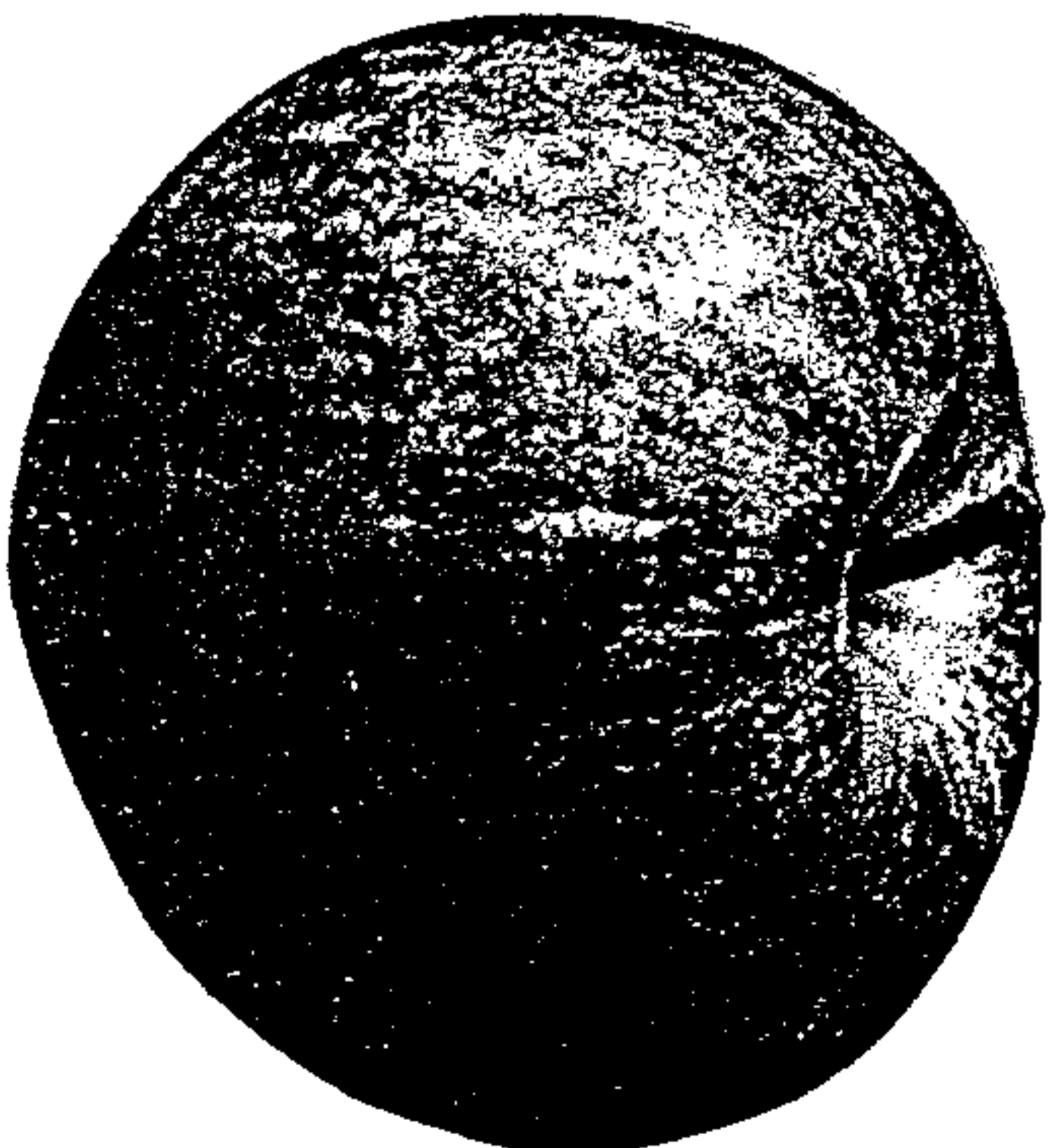
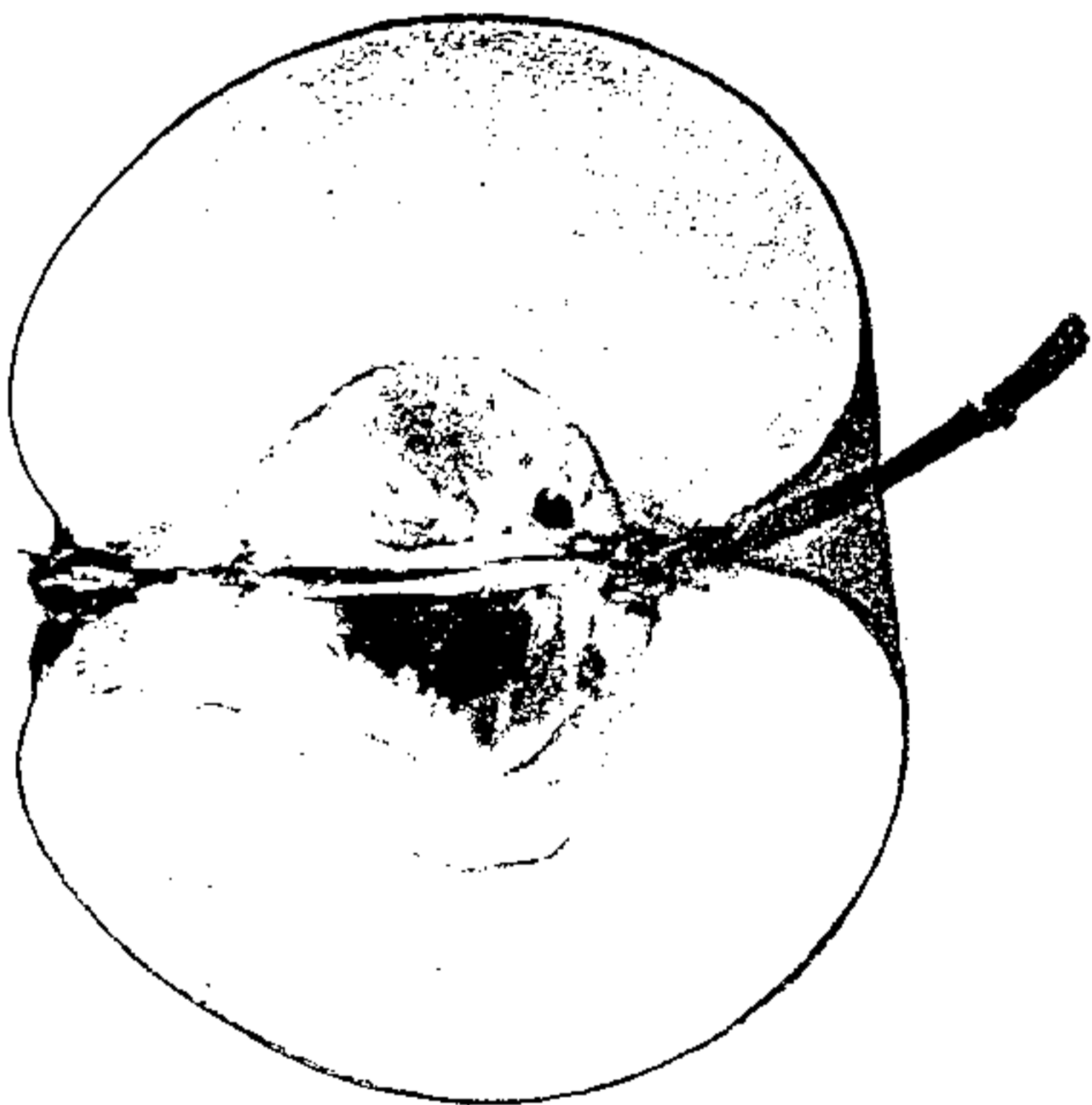
Flesh white, fine, very tender, moderately juicy, of pleasant sweet flavor and fair to good quality.

Season: August and September.

RED ASTRACHAN.

- REFERENCES. 1. *London Hort. Soc. Trans.*, 4:522 (cited by 2). 2. Forsyth, 1824:131. 3. *Pom. Mag.*, 1830:No. 123, col. pl. 4. *London Hort. Soc. Cat.*, 1831:No. 31. 5. Kenrick, 1832:90. 6. Floy-Lindley, 1833:4. 7. Kenrick, 1835:58. 8. *Mag. Hort.*, 1:391. 1835. 9. Manning, 1838:50. 10. *Ib.*, *Mag. Hort.*, 7:48. 1841. 11. Downing, 1845:75. fig. 12. *Horticulturist*, 1:146. 1846. 13. Hovey, *Mag. Hort.*, 14:15. 1848. fig. 14. Cole, 1849:98. fig. 15. Goodrich, 1849:49. 16. Thomas, 1849:143. 17. Varing, 1851:29. 18. Barry, 1851:279. 19. Emmons, *Nat. Hist. N. Y.*, 3:14. 1851. col. pl. No. 53. 20. Hovey, 1:35. 1851. col. pl. and fig. 21. *Mass. Hort. Soc. Trans.*, 1852:103. col. pl. 22. *Am. Pom. Soc. Cat.*, 1852. 23. *Horticulturist*, 7:437. 1852. 24. Elliott, 1854:103. fig. 25. *Horticulturist*, 10:443. 1855. fig. 26. Hooper, 1857:13. 77. 27. Gregg, 1857:38. fig. 28. *Mag. Hort.*, 30:162. 1864. 29. *Ib.*, 32:17. 51. 1866. 30. Warder, 1867:456. fig. 31. Downing, 1869:323. fig. 32. Todd, 1871:210. fig. 33. Fitz, 1872:143. 160. 172. 34. Leroy, 1873:82. fig. 35. Hatch, *Horticulturist*, 29:51. 1874. 36. *Montreal Hort. Soc. Rpt.*, 1876:8. 37. Hogg, 1884:185. 38. Wickson, 1889:243. 39. Lyon, *Mich. Hort. Soc. Rpt.*, 1890:296. 40. *Can. Hort.*, 14:261. 1891. 41. Bailey, *Jn. Hort.*, 1892:234. 247. 42. *Am. Gard.*, 15:404. 1894. fig. 43. Woolverton, *Ont. Fr. Stas. An. Rpt.*, 2:110. 1895. fig. 44. Barrill and McCher, *Ill. Sta. Bul.*, 45:337. 1896. 45. Waugh, *Fl. Sta. Bul.*, 61:31. 1897. 46. Bunyard, *Jour. Roy. Hort. Soc.*, 1898:354. 47. Craig, *Cyc. of Am. Hort.*, 1901:1404. 48. Waugh, *Fl. Sta. An. Rpt.*, 14:305. 1901. 49. *Can. Hort.*, 25:305. 1902. figs. 50. Hansen, *S. D. Sta. Bul.*, 76:90. 1902. 51. Bruner, *N. C. Sta. Bul.*, 182:21. 1903. 52. Budd-Hansen, 1903:160. fig. SYNONYMS. *The Lincoln* (31, 32, 34, 48). *AMERICAN RED* (4, 46). *Allegsee Pippin* (37). *ASTRACHAN ROUGE* (34). *ASTRACHAN* (23). *ASTRACHAN RED* (2, 18). *Astrachan Rouge* (31). *Astrachan Rouge* (32). *ASTRACHAN EARLY* (31, 32). *Hampers American* (37). *RED ASTRACHAN* (6, 7, 8, 9, 10, 19). *RED ASTRACHAN* (1, 3, 5, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 33, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52). *Red Astrachan* (34). *RED ASTRACHAN* (32). *Rother Astrachan* (31, 32). *Vermilion d'Ele* (31, 32, 34). *Waterloo* (37).

This is a very beautiful early summer apple of good medium size, yellow, largely covered with light and dark red, presenting a striped appearance, and overspread with bluish bloom. It is generally well known throughout the state, being valued particularly for home use. It is fit for culinary purposes before it becomes fully ripe, so that for home use it is in season from late July to



RED ASTRACHAN

Calyx tube long, funnel-form. *Stamens* median to marginal. *Core* small, somewhat abaxile; cells closed or somewhat open; core lines clasping or sometimes nearly meeting. *Carplets* broadly ovate or obovate, slightly tufted. *Seeds* small, moderately wide, plump, obtuse. *Flesh* white often strongly tinged with red, rather fine, crisp, tender, juicy, brisk subacid, aromatic, sometimes slightly astringent, good to very good. *Season* late July to September.

RED GRAVENSTEIN.

REFERENCES. 1. Leroy, 1873:339. fig. 2. *Can. Hort.*, 16:362. 1893. 3. Lucas, Ed., *Ill. Handb. der Obstk.*, 1893:250.

SYNONYMS. GRAVENSTEIN ROUGE (1). RED GRAVENSTEIN (2, 3). *Rother Gravensteiner* (1).

TART BOUGH.

REFERENCES. 1. Thomas, 1849:142. 2. Elliott, 1854:178. 3. Warder, 1867:734. 4. Downing, 1869:380.

SYNONYMS. *Sour Bough* of some (4). TART BOUGH (1, 2, 3, 4).

An old variety which according to Downing (4) was originated and disseminated by Judge Buel of Albany, N. Y. Elliott (2) states that it resembles Early Harvest, but it ripens ten days later, has more acid and the trees are more rapid in growth. He regarded it as unworthy of cultivation.

Downing recognizes another Tart Bough the fruit of which is small and whitish with white, tender flesh, juicy, sprightly, pleasant subacid, good. Season August (4).

We do not know either of these varieties.

TETOFSKY.

REFERENCES. 1. *London Hort. Soc. Cat.*, 1831:No. 1291. 2. Manning, *Mag. Hort.*, 7:50. 1841. 3. Downing, 1845:78. 4. Thomas, 1849:141. 5. Elliott, 1854:111. fig. 6. Hooper, 1857:93. 7. *Horticulturist*, 14:425. 1859. 8. *Am. Pom. Soc. Cat.*, 1862. 9. *Horticulturist*, 21:294. 1866. fig. 10. Warder, 1867:657. 11. Todd, 1871:120. fig. 12. *Mich. Pom. Soc. Rpt.*, 1872:458. fig. 13. *Horticulturist*, 29:317. 1874. 14. *Montreal Hort. Soc. Rpt.*, 1876:18. 15. *Ill. Hort. Soc. Rpt.*, 1876:251. 16. *Montreal Hort. Soc. Rpt.*, 1879:22. 17. Barry, 1883:335. 18. *Montreal Hort. Soc. Rpt.*, 1886-87:27. 19. Hoskins, *Rural N. Y.*, 45:593. 1886. 20. Lyon, *Mich. Hort. Soc. Rpt.*, 1890:298. 21. Bailey, *Am. Hort.*, 1892:251. 22. *N. Y. Sta. An. Rpt.*, 11:588. 1892. 23. Munson, *Me. Sta. Rpt.*, 1896:76. 24. *Can. Hort.*, 19:358. 1896. 25. Waugh, *Vt. Sta. Bul.*, 61:32. 1897. 26. Troop, *Ind. Sta. An. Rpt.*, 12:81. 1899. 27. Waugh, *Vt. Sta. An. Rpt.*, 14:310. 1901. 28. Craig, *Cyc. of Hort.*, 1901:1404. 29. Hansen, *S. D. Sta. Bul.*, 76:104. 1902. fig. 30. Munson, *Me. Sta. Rpt.*, 1902:85. 31. Dickens and Greene, *Kan. Sta. Bul.*, 106:56. 1902. 32. Budd-Hansen, 1903:188. fig.

SYNONYMS. TETOFSKY (2). TETOFSKI (10, 12, 27, 29). TETOFSKY (1, 3, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 30, 31, 32). *Tetofsky* (29).

September. When fully ripe and mellow it is desirable for dessert use. The tree is of medium size, a good grower, moderately long-lived, comes into bearing rather young and is a reliable cropper, yielding moderate to good crops biennially or sometimes annually. The fruit hangs to the tree pretty well till it is fully ripe, but as the crop matures unevenly there is apt to be considerable loss from the dropping of the fruit unless several pickings are made. It is not very uniform in size, and a considerable amount of it is small or otherwise unmarketable. It is very perishable, and on this account not well adapted for shipping to distant markets. It is very common in local markets, but often the supply so much exceeds the demand that prices are consequently low.

Historical. Hogg states that Red Astrachan was imported from Sweden into England in 1816 but Lindley (6) states that "This very beautiful apple was imported from Sweden, and first fruited by William Atkinson, Esq., of Grove End, Paddington, in 1816." It was one of the first of the Russian apples imported into America. It was received by the Massachusetts Horticultural Society from the London (Eng.) Horticultural Society about 1835 but this was not the first importation for fruit of Red Astrachan was included in one of the exhibitions of the Massachusetts Horticultural Society in 1835 (8). It has become generally disseminated throughout the apple-growing districts of the continent and is commonly listed from the Atlantic to the Pacific and from Canada to the Gulf states.

TREE.

Tree medium to rather large, moderately vigorous to vigorous. *Form* upright spreading to roundish, rather dense. *Twigs* medium to long, curved, stout to rather slender; internodes long. *Bark* clear brown, lightly streaked with scarf-skin, pubescent near the tips. *Leaflets* quite numerous, medium to small, oblong, slightly raised. *Buds* medium in size, plump, obtuse to acute, free, pubescent.

FRUIT.

Fruit medium to sometimes large, not very uniform in size or shape. *Form* roundish to roundish oblate, inclined to conical, somewhat ribbed; sides a little unequal. *Stem* medium, rather slender, bracted. *Cavity* acute to sometimes obtuse, medium to deep, moderately broad, often thinly russeted with greenish russet, usually symmetrical, sometimes lipped. *Calyx* medium to rather large, open or closed; lobes rather long, moderately broad. *Basin* shallow, narrow to medium in width, obtuse, wrinkled.

Skin rather thin, moderately tender, smooth, pale yellow or greenish often nearly or quite overspread with light and dark red splashed and irregularly striped with deep crimson or carmine and covered with rather heavy distinct bluish bloom. *Dots* numerous, small, whitish.

A Russian apple below medium size, yellow, striped with crimson, sprightly acid, suitable for culinary use in July, ripe in August. The tree is very hardy, very upright, deep rooted, comes into bearing young and yields full crops biennially or sometimes annually. Desirable for planting in regions where superior hardiness is particularly desired. It is but little earlier than Yellow Transparent which is superior to it in size and dessert qualities. There is a limited demand for the fruit in some local and special markets.

Historical. Tetofsky is one of the pioneers of the Russian varieties in this country having been imported by the Massachusetts Horticultural Society from the London, England, Horticultural Society about 1835 (28). Manning (2) described it as early as 1841 as a new fruit of value. It has been widely disseminated particularly in regions where its superior hardiness renders it peculiarly valuable. It has never been commonly grown in New York state and is now seldom planted here.

TREE.

Tree medium size to dwarfish, moderately vigorous, deep rooted with moderately stout branches filled with small spurs. *Form* very erect, rather dense. *Twigs* short, straight, moderately stout; internodes short. *Buds* dull brown with tinge of red, lightly coated with gray scarf-skin, slightly pubescent. *Lenticels* scattering, small, oblong, not raised. *Buds* small, plump, obtuse, free, slightly pubescent.

FRUIT.

Fruit medium to rather small but usually below medium; uniform in size and fairly uniform in shape. *Form* oblate or roundish, a little inclined to conic, pretty regular. *Stem* medium in length, rather slender. *Cavity* obtuse, medium to rather deep, moderately broad, usually symmetrical, gently furrowed. *Calyx* rather large, closed; lobes long, moderately broad. *Basin* shallow, medium in width, furrowed and wrinkled.

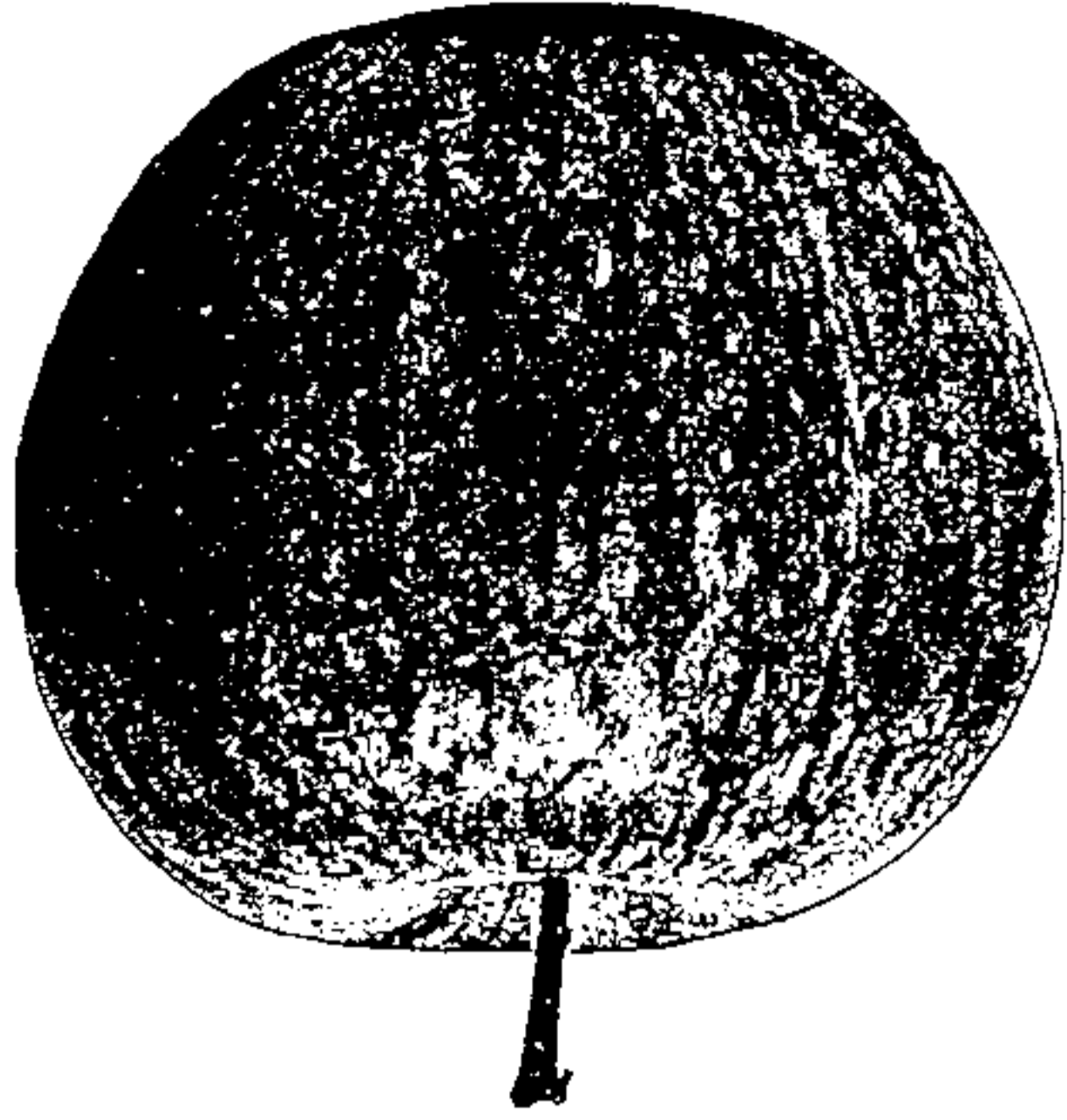
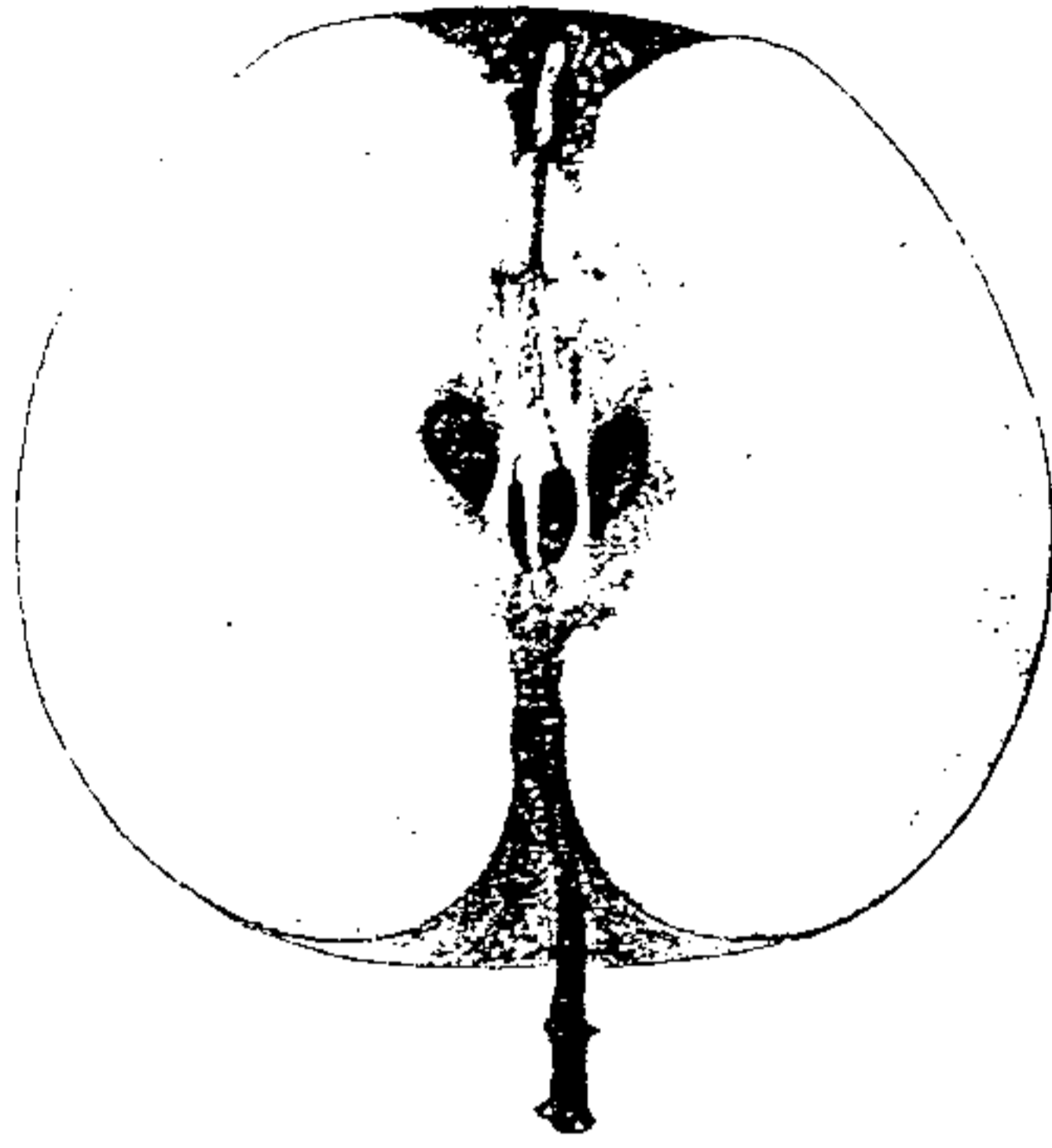
Skin moderately thick, somewhat tough, smooth, waxy, greenish-yellow, more or less striped and splashed with rather attractive bright red, over-spread with very faint bloom. Many specimens have little or no red. *Dots* inconspicuous, pale or greenish, submerged.

Calyx tube long, wide, funnel-shape with broad cylinder varying to nearly urn-shape. *Stamens* median to nearly marginal.

Core large, axile or somewhat abaxile; cells open; core lines clasping. *Carpels* broadly roundish, concave. *Seeds* medium size, short, moderately plump, somewhat obtuse.

Flesh white, firm, a little coarse, crisp, tender, juicy, sprightly, slightly aromatic, subacid, fair to good.

Season late July to early September.



The Orchard Checklist

EARLY SPRING (before bud break)

- Plant trees.
- Prune (dormant pruning will remove unwanted growth, encourage new growth and delay fruiting), including removal of winter-killed wood. As soon as apricots, peaches and nectarines attain blooming age, delay pruning until after bloom.
- Spray dormant oil.
- Apply early fungicide sprays.
- Fertilize lightly, if necessary.

BUD BREAK

- Spray fungicides and pesticides as necessary. Set up and monitor pest traps.
- Weed and mulch the clear area around the base of the trunk.

- Prune apricots, peaches and nectarines soon after bloom.

SPRING AND SUMMER

- Monitor traps and treat for pests as necessary.
- Water weekly, if required.
- Summer-prune (to remove unwanted growth, discourage new growth and delay fruiting). In cold areas, do not prune any later than a month before the first fall frost. Do not prune apricots, peaches and nectarines after June.
- Thin fruit as required.

AFTER LEAF DROP

- Remove fallen leaves and fruit.
- Apply trunk protection for winter.
- Bring tender container trees indoors. Citrus and banana trees do not drop their leaves, so bring indoors as soon as frost threatens.

Records

Cultivar: _____ Year of Purchase: _____

Location: _____

Pruning Record: _____

Harvest dates: _____

Description of fruit: _____

Pest or disease treatment schedule: _____

Cultivar: _____ Year of Purchase: _____

Location: _____

Pruning Record: _____

Harvest dates: _____

Description of fruit: _____

Pest or disease treatment schedule: _____

