

367. Nitzschia amphibia (sect. Lanceolatae) x 4,350
Valve, valve view; note 'central nodule'.
368. Nitzschia amphibia (sect. Lanceolatae) x 3,400
Valve, valve view.
369. Idem. x 3,400
370. Idem. x 3,400
371. Idem. x 3,400
372. Nitzschia sp. (sect. Lanceolatae) x 4,350
(Afon Bran bridge material)
Detail of valve.
8-9 fibulae, 19-21 striae in 10 μ m.
373. Nitzschia sp. (sect. Lanceolatae) x 3,400
(as F.372)
Valve, valve view; note absence of 'central nodule'.
374. Idem. x 3,400
375. Idem. x 3,400
376. Nitzschia ?steynii (sect. Lanceolatae) x 3,400
(Shearwater material)
Valve, valve view; note absence of 'central nodule'.
9-10 fibulae, 20 striae in 10 μ m.
Detail: x 4,350
377. Nitzschia ?acidoclinata (sect. Lanceolatae)
(from E.M. slide 18179) x 3,400
Valve, valve view.
10-12 fibulae, 30 striae in 10 μ m.
378. Idem. x 3,400

379. Nitzschia hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 3,400
Valve, valve view; note 'central nodule'.
8-11 fibulae, 23-24 striae in 10 μ m.
380. Idem. x 3,400
381. Idem. x 3,400
382. Idem. x 3,400
383. Idem. x 3,400
384. Nitzschia cf. hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 3,400
Valve, valve view; note absence of 'central
nodule'.
7-9 fibulae, 24-26 striae in 10 μ m.
385. Idem. x 3,400
386. Idem. x 3,400
387. Idem. x 3,400
388. Idem. x 3,400
389. Idem. x 3,400
390. Nitzschia hantzschiana (sect. Lanceolatae)
(from B.M. slide 23367) x 3,400
Valve, valve view.
8-11 fibulae, 24-26 striae in 10 μ m.
391. Idem. x 3,400
392. Idem. x 3,400
393. Idem. x 3,400
394. Idem. x 3,400
395. Idem. x 3,400

396. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 Valve, valve view; note 'central nodule'.
 13 fibulae, 29-30 striae in 10 μ m.
397. Idem. x 3,400
398. Nitzschia fonticola (sect. Lanceolatae) x 3,400
 Valve, valve view; note 'central nodule'.
 11-13 fibulae, 27-30 striae in 10 μ m.
399. Idem. x 3,400
400. Idem. x 3,400
401. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 Valve, valve view; note 'central nodule'.
 12-13 fibulae, 25-26 striae in 10 μ m.
Detail: x 4,350
402. Idem. x 3,400
403. Idem. x 3,400
404. Idem. x 3,400
405. Nitzschia ?inconspicua (sect. Lanceolatae)
 (Shearwater material) x 3,400
 Valve, valve view; note 'central nodule'.
 8-10 fibulae, 28-30 striae in 10 μ m.
406. Idem. x 3,400
407. Idem. x 3,400
408. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 (see Lange-Bertalot 1977, T.2 f.26, 27b)
 Valve, valve view; note absence of 'central
 nodule'.
 14 fibulae, 24 striae in 10 μ m.
Detail: x 4,350
409. Nitzschia romana (sect. Lanceolatae) x 3,400
 Valve, valve view; note 'central nodule'.
 10 fibulae, 26 striae in 10 μ m.
410. Cymbellonitzschia sp. x 3,400
 Valve, valve view.

411. Nitzschia sp. (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view.
14-16 fibulae, 29-30 striae in 10 μ m.
412. Idem. x 3,400
413. Idem. x 3,400
414. Idem. x 3,400
415. Nitzschia sp. (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view.
15-16 fibulae, 29-30 striae in 10 μ m.
416. Idem. x 3,400
417. Idem. x 3,400
418. Nitzschia sp. (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view.
12-14 fibulae, 29-31 striae in 10 μ m.
419. Idem. x 3,400
420. Idem. x 3,400
421. Nitzschia sp. (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view.
10-12 fibulae, 27 striae in 10 μ m.
422. Idem. x 3,400
423. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Afon Tywi: Llandello material)
Valve, valve view.
11-12 fibulae, 30 striae in 10 μ m.
424. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Walton in Gordano material)
Valve, valve view.
15-16 fibulae, 29-30 striae in 10 μ m.
425. Idem. x 3,400
426. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Afon Tywi: Llandello material)
Valve, valve view.
11-13 fibulae, 29-30 striae in 10 μ m.
427. Idem x 3,400
- 428- Nitzschia sp. (sect. Lanceolatae) x 3,400
430. (Cotham material)
11-13 fibulae, 30-31 striae in 10 μ m.

431. Nitzschia frustulum (sect. Lanceolatae) x 3,400
(R. Avon: Cumberland Basin material)
Valve, valve view; note 'central nodule'.
12-13 fibulae, 25-26 striae in 10 μ m.
432. Idem. x 3,400
433. Idem., - detail. x 4,350
434. Nitzschia communis (sect. Lanceolatae) x 3,400
(Sea Mills material)
Valve, valve view; note absence of 'central
nodule'.
9-12 fibulae, 32-33 striae in 10 μ m.
435. Idem. x 3,400
436. Idem., - detail. x 4,350
437. Nitzschia communis (sect. Lanceolatae) x 3,400
(Cotham material)
Valve, valve view.
10-11 fibulae, 32-34 striae in 10 μ m.
438. Idem. x 3,400
439. Idem. x 3,400
440. Nitzschia communis (sect. Lanceolatae) x 3,400
(Prockweir stream material)
Valve, valve view.
9-10 fibulae, 30-32 striae in 10 μ m.
441. Idem. x 3,400
442. Nitzschia pusilla (sect. Lanceolatae) x 3,400
(Sea Mills material)
Valve, valve view; note absence of 'central
nodule'.
16 fibulae, over 40 striae in 10 μ m.
443. Idem. x 3,400
444. Nitzschia bicapitata (sect. Lanceolatae)
(marine plankton sample) x 3,400
Valve, valve view; note absence of 'central
nodule'.
15 fibulae, 34 striae in 10 μ m.

445. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Shearwater material)
Valve, valve view; note absence of 'central
nodule'.
12-13 fibulae, 33 striae in 10 μ m.
446. Nitzschia sp. (sect. Lanceolatae) x 3,400
(as F.445)
Valve, valve view.
13-14 fibulae, 34 striae in 10 μ m.
Detail: x 4,350
447. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Afon Tywi: Llandello material)
Valve, valve view.
13-14 fibulae, 33 striae in 10 μ m.
448. Nitzschia ?minuta (sect. Lanceolatae) x 3,400
(Afon Bran material)
Valve, valve view.
10-12 fibulae, 28-30 striae in 10 μ m.
449. Idem. x 3,400
450. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Brockweir stream material)
Valve, valve view.
10-11 fibulae, 34 striae in 10 μ m.
451. Nitzschia ?paleacea (sect. Lanceolatae) x 3,400
(Shearwater material)
Valve, valve view; note 'central nodule'.
16 fibulae, over 40 striae in 10 μ m.
452. Nitzschia sp. (sect. Lanceolatae) x 3,400
(Sea Mills material)
Valve, valve view; note 'central nodule'.
13-14 fibulae in 10 μ m., striae invisible.

453. Nitzschia ?palea (sect. Lanceolatae) x 3,400
 (Shearwater material)
 Valve, valve view; note lack of 'central nodule'.
 16 fibulae, 36 striae in 10 μ m.
Detail: x 4,350
454. Nitzschia ?palea (sect. Lanceolatae) x 3,400
 (Shearwater material)
 15 fibulae, 40 striae in 10 μ m.
Detail: x 4,350
455. Nitzschia ?palea (sect. Lanceolatae) x 3,400
 (Walton in Gordano material)
 Valve, valve view.
 16-17 fibulae, 42 striae in 10 μ m.
Detail: x 4,350
456. Nitzschia ?palea (sect. Lanceolatae) x 3,400
 (Afon Tywi: Llandeilo material)
 Valve, valve view.
 15 fibulae, 40 striae in 10 μ m.
457. Nitzschia ?palea (sect. Lanceolatae) x 3,400
 (Afon Bran material)
 Valve, valve view.
 14 fibulae, 37 striae in 10 μ m.
Detail: x 4,350
458. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 Valve, valve view; note 'central nodule'.
 11 fibulae, 40 striae in 10 μ m.
Detail: x 4,350
459. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 13 fibulae, 38 striae in 10 μ m.
Detail: x 4,350
460. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 13-14 fibulae, 39 striae in 10 μ m.
461. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 10-11 fibulae, 39 striae in 10 μ m.

462. Nitzschia ?palea (sect. Lanceolatae) x 3,400
(Brockweir stream material)
Valve, valve view.
14-15 fibulae, 36-38 striae in 10 μ m.
463. Idem. x 3,400
464. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
(Brockweir stream material)
Valve, valve view; note 'central nodule'.
12-16 fibulae, 37 striae in 10 μ m.
465. Nitzschia ?diserta (sect. Lanceolatae) x 3,400
(as F.464)
Frustule, valve view.
466. Nitzschia sp. (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view; note 'central nodule'.
10-14 fibulae, approx. 45 striae in 10 μ m.
467. Idem. x 3,400
468. Nitzschia palea (sect. Lanceolatae) x 3,400
(R. Wye: Brockweir - culture)
Valve, valve view; note absence of 'central
nodule'.
14 fibulae, 39 striae in 10 μ m.
Detail: x 4,350
469. Nitzschia palea (sect. Lanceolatae) x 3,400
(Walton in Gordano material)
Frustule, valve view.
11-16 fibulae, 37 striae in 10 μ m.
470. Nitzschia palea (sect. Lanceolatae) x 3,400
(as F.469)
Valve, valve view.
13 fibulae, 35-36 striae in 10 μ m.
Detail: x 4,350

471. Nitzschia pusilla (sect. Lanceolatae) x 3,400
 472. (Afon Tywi: Llandeilo material)
 Valve, valve view; note lack of 'central nodule'.
 17-18 fibulae in 10 μ m.; striae not visible.
473. Idem; 15 fibulae in 10 μ m. x 3,400
 474. Idem; 16-17 fibulae in 10 μ m. x 3,400
475. Nitzschia sp. (sect. Lanceolatae) x 3,400
 476. (Afon Tywi: Llandeilo material)
 Valve, valve view; note lack of 'central nodule'.
 14-16 fibulae in 10 μ m.; striae not visible.
477. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Afon Tywi: Llandeilo material)
 Valve, valve view; note lack of 'central nodule'.
 17-18 fibulae in 10 μ m.; striae not visible.
478. Nitzschia pusilla (sect. Lanceolatae) x 3,400
 (Shearwater material)
 Valve, valve view. 16-18 fibulae in 10 μ m.
479. Idem. x 3,400
Detail: 44 striae in 10 μ m. x 4,350
480. Nitzschia pusilla (sect. Lanceolatae) x 3,400
 (Brockweir stream material)
 Valve, valve view. 16-17 fibulae in 10 μ m.
481. Nitzschia pusilla (sect. Lanceolatae) x 3,400
 482. (Sea Mills material)
 Valve, valve view. 17 fibulae in 10 μ m.
483. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Sea Mills material)
 Valve, valve view. 16-17 fibulae in 10 μ m.
484. Nitzschia ?palaeacea (sect. Lanceolatae) x 3,400
 485. (Shearwater material)
 Valve, valve view; note 'central nodule'.
 15-16 fibulae in 10 μ m.; striae not visible.
486. Nitzschia pusilla (sect. Lanceolatae) x 3,400
 487. (Afon Bran material)
 Valve, valve view. 16-17 fibulae in 10 μ m.
488. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Afon Bran material)
 Valve, valve view; note lack of 'central nodule'.
 15-16 fibulae in 10 μ m.; striae not visible.
489. Nitzschia sp. (sect. Lanceolatae) x 3,400
 (Scilly: marine intertidal material)
 Valve, valve view; note lack of 'central nodule'.
 22 fibulae in 10 μ m.; striae not visible.

490. Nitzschia hantzschiana (sect. Lanceolatae)
x 2,730
Cell, girdle view; note Butschli globules (arrows).
491. Nitzschia hantzschiana (sect. Lanceolatae)
x 2,730
Cell, valve view: note pyrenoids (p).
492. Nitzschia hantzschiana (sect. Lanceolatae)
x 3,400
Dividing cell, girdle view - centre: stained with aceto-carmine.
493. Nitzschia hantzschiana (sect. Lanceolatae)
x 3,400
Cell, valve view - centre: stained with aceto-carmine; note single nucleolus.
494. Nitzschia sp. (sect. Lanceolatae) x 3,000
Cell, girdle view; note large Butschli globules.
495. Nitzschia sp. (sect. Lanceolatae) x 1,770
Cell, valve view; note pyrenoids and tiny Butschli globules.
496. Nitzschia sp. (sect. Lanceolatae) x 1,770
(same form as in F.495)
Cell, girdle view.
497. Nitzschia sp. (sect. Lanceolatae) x 1,770
(same form as in F.495)
Cell, valve view.
498. Nitzschia sp. (sect. Lanceolatae) (no scale)
(see F.396-7)
Cell, valve view.
499. Nitzschia sp. (sect. Lanceolatae) x 1,770
Cell, valve view.
500. Nitzschia communis (sect. Lanceolatae) x 1,770
Cell, valve view.
501. Nitzschia sp. (sect. Lanceolatae) x 1,770
Dividing cell, girdle view.
502. Nitzschia communis (sect. Lanceolatae) (no scale)
503. Cell - valve (left) and girdle views.
504. Nitzschia sp. (sect. Lanceolatae) (no scale)
Cell, valve view.
505. Nitzschia communis (sect. Lanceolatae) (no scale)
Cell, valve view.